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INTERNATIONAL FILTERS



AND ACCESSORIES

PRODUCT CATALOG
WEB EDITION

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**Spill King™
Absorbent**



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Phone, Fax, or E-mail

**For Questions, Orders, Shipment Tracking,
Account History, Cross References, Special
Product Requests and Much More!**

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503 N. Elevar St., Oxnard, CA 93030

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HOURS OF OPERATION

- * MONDAY THROUGH FRIDAY FROM 8:00AM UNTIL 5:00PM (PACIFIC STANDARD TIME)

PAYMENT OPTIONS



- * MC, VISA, AMEX, DISCOVER, COD (FOR APPROVED ACCOUNTS), NET TERMS (FOR APPROVED ACCOUNTS)
- * ALL ORDERS ARE SUBJECT TO CREDIT APPROVAL
- * PAYMENT MAILING ADDRESS:
INTERNATIONAL FILTERS
503 NORTH ELEVATOR STREET
OXNARD, CA 93030
- * PAST DUE ACCOUNTS MAY BE ASSIGNED A LATE FEE OF 1.25% PER MONTH (18% APR) ON ALL MONIES PAST DUE AND ARE SUBJECT TO A CREDIT HOLD

FREIGHT POLICY

- * INTERNATIONAL FILTERS IS PROUD TO OFFER ONE OF THE BEST FREIGHT POLICIES IN THE INDUSTRY
- * NO MINIMUM QUANTITY
- * NO MINIMUM ORDERS
- * FREE NATIONWIDE SHIPPING ON MOST ORDERS
(SOME CONDITIONS MAY APPLY. CONTACT YOUR CUSTOMER SERVICE SPECIALIST FOR DETAILS.)

SHIPPING

- * MOST STOCK ORDERS ARE SHIPPED THE SAME DAY THEY ARE RECEIVED. WE ARE COMMITTED TO SAME-DAY SHIPPING AND WILL MAKE EVERY EFFORT TO PROCESS YOUR ORDER EXPEDITIOUSLY.

TAX

- * BUSINESSES LOCATED IN CALIFORNIA ARE SUBJECT TO SALES TAX ON ITEMS NOT RESOLD TO CONSUMERS

RETURNS, DAMAGES AND SHORTAGES

- * ALL RETURNS MUST BE AUTHORIZED IN ADVANCE BY INTERNATIONAL FILTERS
- * RETURNED PRODUCT MUST BE IN RE-SELLABLE CONDITION, UNUSED, AND IN THEIR ORIGINAL PACKAGING
- * INTERNATIONAL FILTERS RESERVES THE RIGHT TO CHARGE RESTOCKING FEES FOR ALL RETURNED ITEMS, AUTHORIZED OR UNAUTHORIZED, SUBJECT TO NOTICE
- * CLAIMS FOR DAMAGES AND SHORTAGES MUST BE MADE WITHIN 7 DAYS OF RECEIPT OF MERCHANDISE
- * UPON RECEIPT OF PRODUCT, ANY VISIBLE DAMAGE OR SHORTAGE MUST BE NOTED AND SIGNED BY THE CONSIGNEE ON THE CARRIER'S BILL OF LADING OR RECEIPT OF SHIPMENT IN ORDER TO RECEIVE PROPER CREDIT. FAILURE TO DO SO MAY RESULT IN A LOSS OF CREDIT TOWARDS DAMAGED OR MISSING ITEMS.

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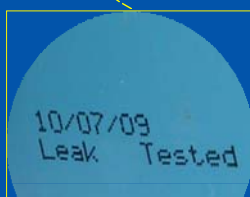
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IFA METROSTREET
IFA SUPERSTOCK®



EACH FILTER SHRINK WRAPPED AT BOTTOM FOR EXTRA PROTECTION



EACH FILTER DATE STAMPED & INDIVIDUALLY LEAK TESTED



POPULAR CROSS REFERENCES ON BOTH BOX AND FILTER...



...COVERS MANY POPULAR INTERCHANGES!



MANUFACTURED IN AN ISO/TS16949 FACILITY TO MEET OR EXCEED OEM SPECIFICATIONS



IFA METROSTREET® IFA SUPERSTOCK® SPIN-ON OIL FILTERS

IFA PART#	GENERAL DESCRIPTION	POP CODE*	IFA PART#	GENERAL DESCRIPTION	POP CODE*
M1A	CHRYSLER, DODGE, FORD	AA	M4484	88-95 ACURA LEGEND, 91-05 NSX	A
M111	BUICK, CHEVY, GMC, OLDS, PONT	AA	M4610	ACURA, HONDA, MITS, NISSAN	AA
M195	CHRYSLER, DODGE, FORD, LINC, MITS	AA	M4612	INFINITI, KIA, MAZDA, NISS, SUB	AA
M241	CHEVY, JEEP, LEXUS, PLYM, TOY	AA	M4631	CHEVY, GMC, ISUZU, PONTIAC	A
M252	AUDI, VOLKSWAGEN	A	M4651	FORD, LINCOLN, MAZDA, MERCURY	AA
M257	AUDI, VOLKSWAGEN, VOLVO	A	M4670	CHRYSLER, DODGE, JEEP, PLY, VOLVO	AA
M2222	07-11 GM	AA	M4872	94-03 FORD V8 444 7.3L T.D.	A
M4006	96-11 GM	AA	M5230	98-04 FORD, 05-06 JEEP LIBERTY	A
M4011	BUICK, CHEVY, GMC, OLDS, PONT	AA	M5288	BUICK, CAD, CHEVY, OLDS, PONT	AA
M4457	INFINITI, NISSAN, SUBARU, VW	A	M5313	99-09 CHEVY, GMC V8 7.4L, 8.1L	A
M4459	ACURA, HONDA, HYUN, KIA, MITS	AA	M5317	79-09 JAGUAR, 00-06 LINCOLN LS	A
M4476	03-07 SCION, 85-11 TOYOTA	AA	M5335	89-11 DODGE 6CYL 5.9L T.D.	A
M4477	96-11 SUZUKI, 88-11 TOYOTA	AA	M5399	01-11 CHEVY, GMC V8 6.6L T.D.	A



Easy to use cross references, on each individual box and filter, provide popular interchanges to: CHAMP, FRAM, GROUP 7, HAVOLINE, PENNZOIL, PUROLATOR, VALVOLINE AND WIX

Each filter is covered at the base with an easy to remove shrink wrap, providing extra protection before even being installed!

Use the **COLOR-CODED** quick cross reference charts provided on pages 7 - 17 for popular interchanges in numeric order and coded based on POPULARITY!

PREMIUM GUARD oil filters employ an advanced media, developed for high contaminant retention and long service life

Covering more than 96% of oil filter applications, **PREMIUM GUARD** gives you consistent, dependable, quality filtration and performance for almost every vehicle

ISO 9001 / QS9000 CERTIFIED AND **INDIVIDUALLY** LEAK TESTED

MANUFACTURED TO MEET OR EXCEED OEM SPECIFICATIONS



PREMIUM GUARD SPIN-ON OIL FILTERS

IFA PART#	GENERAL DESCRIPTION	POP CODE*	IFA PART#	GENERAL DESCRIPTION	POP CODE*
PG1A	CHRYSLER, DODGE, FORD	AA	PG4477	96-11 SUZUKI, 88-11 TOYOTA	AA
PG33	AMC, BUICK, JEEP, OLDS, PONT	B	PG4484	88-95 ACURA LEGEND, 91-05 NSX	A
PG49	BUICK, CHEVY, GMC, OLDS, PONT	B	PG4610	ACURA, HONDA, MITS, NISSAN	AA
PG64	CHEVY, TOYOTA, SUBARU, NISSAN	D	PG4612	INFINITI, KIA, MAZDA, NISS, SUB	AA
PG111	BUICK, CHEVY, GMC, OLDS, PONT	AA	PG4619	CHEV, DODGE, EAGLE, FORD, JEEP	B
PG183	BMW 318i, 320i, M3	C	PG4631	CHEVY, GMC, ISUZU, PONTIAC	A
PG193	CHRYSLER, DODGE, ISUZU, MITS, PONT	B	PG4651	FORD, LINCOLN, MAZDA, MERCURY	AA
PG195	CHRYSLER, DODGE, FORD, LINCOLN, MITS	AA	PG4670	CHRYSLER, DODGE, JEEP, PLY, VOLVO	AA
PG241	CHEVY, JEEP, LEXUS, PLYM, TOY	AA	PG4872	94-03 FORD V8 444 7.3L T.D.	A
PG252	AUDI, VOLKSWAGEN	A	PG5230	98-04 FORD, 05-06 JEEP LIBERTY	A
PG257	AUDI, VOLKSWAGEN, VOLVO	A	PG5288	BUICK, CAD, CHEVY, OLDS, PONT	AA
PG288	83-94 FORD E, F SERIES DIESEL	B	PG5313	99-09 CHEVY, GMC V8 7.4L, 8.1L	A
PG291	86-87 ACURA, 79-87 HONDA	B	PG5317	79-09 JAGUAR, 00-06 LINCOLN LS	A
PG2222	07-11 GM	AA	PG5335	89-11 DODGE 6CYL 5.9L T.D.	A
PG2821A	CHEVY, SUZUKI, TOYOTA	B	PG5399	01-11 CHEVY, GMC V8 6.6L T.D.	A
PG4006	96-11 GM	AA	PG7019	93-99 VOLVO	B
PG4011	BUICK, CHEVY, GMC, OLDS, PONT	AA			
PG4457	INFINITI, NISSAN, SUBARU, VW	A			
PG4459	ACURA, HONDA, HYUN, KIA, MITS	AA			
PG4460	93-05 SUBARU	A			
PG4466	82-93 BMW, 85-93 MERCEDES	B			
PG4476	03-07 SCION, 85-11 TOYOTA	AA			



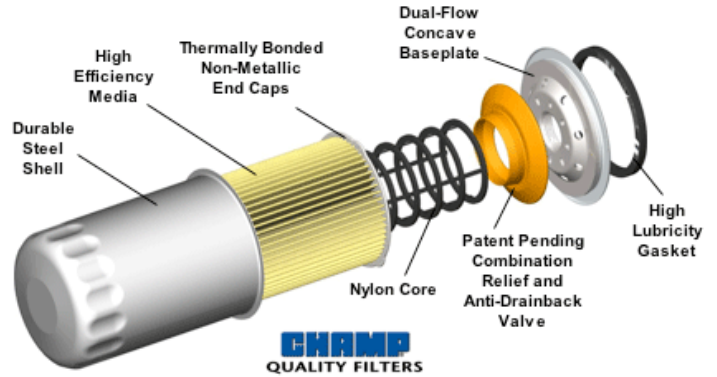
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CHAMP OIL FILTERS

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Quality Champion Manufactured Oil Filters
The Most Trusted Name In Filters!

Manufactured with only the highest quality components, Champ Quality Oil Filters offer exceptional performance at exceptional prices



THE CHAMP FILTER ADVANTAGE...

- * Wide Selection Of Filters Providing Broad Coverage
- * High Filtering Efficiency For Maximum Performance
- * Continuous New Product and Service Innovations
- * Meets Or Exceeds OEM Requirements

All Champ Quality Oil Filters are made along side the world's leading private label and original equipment manufacturer's filters

This ensures the most stringent filter construction requirements are met for maximum protection on today's demanding engines

CHAMP OIL FILTERS - SPIN-ON AND CARTRIDGE

IFA PART#	GENERAL DESCRIPTION	POP CODE*	IFA PART#	GENERAL DESCRIPTION	POP CODE*
LFP780	89-11 DODGE 6CYL 5.9L T.D.	A	PH2005	98-04 FORD, 05-06 JEEP LIBERTY	A
LFP784	83-94 FORD E, F SERIES DIESEL	B	PH2008	79-09 JAGUAR, 00-06 LINCOLN LS	A
LFP2286	94-03 FORD V8 444 7.3L T.D.	A	PH2009	04-05 FORD, 05-09 LR, JAG	C
LFP2999	01-11 CHEVY, GMC V8 6.6L T.D.	A	PH2702	88-95 ACURA LEGEND, 91-05 NSX	A
P837	99-11 VOLVO	A	PH2801	CHEV, DODGE, EAGLE, FORD, JEEP	B
P3244	00-11 CHEVY, SATURN	AA	PH2808	ACURA, HONDA, HYUN, KIA, MITS	A
PH8A	CHRYSLER, DODGE, FORD	AA	PH2815	AUDI, VOLKSWAGEN, VOLVO	A
PH44	96-11 GM	AA	PH2816	BMW 318I, 320I, M3	C
PH47	BUICK, CHEVY, GMC, OLDS, PONT	AA	PH2817	86-87 ACURA, 79-87 HONDA	B
PH48	07-11 GM	AA	PH2827	INFINITI, NISSAN, SUBARU, VW	A
PH51A	BUICK, CHEVY, GMC, OLDS, PONT	AA	PH2835	CHEVY, JEEP, LEXUS, PLYM, TOY	AA
PH59	BUICK, CAD, CHEVY, OLDS, PONT	AA	PH2840	03-07 SCION, 85-11 TOYOTA	AA
PH253	CHRYSLER, DODGE, JEEP, PLY, VOLVO	AA	PH2856A	CHRYSLER, DODGE, ISUZU, MITS, PONT	B
PH400	CHRYSLER, DODGE, FORD, LINC, MITS	AA	PH2867	ACURA, HONDA, MITS, NISSAN	AA
PH453	94-06 AUDI, 98-05 VW PASSAT	B	PH2869	93-05 SUBARU	A
PH454	99-09 CHEVY, GMC V8 7.4L, 8.1L	A	PH2876	INFINITI, KIA, MAZDA, NISSAN, SUB	AA
PH561	AUDI, VOLKSWAGEN	A	PH2903	04-06 SUZUKI VERONA 6CYL 2.5L	D
PH820	FORD, LINCOLN, MAZDA, MERCURY	AA	PH2904	93-99 VOLVO	B
PH1218	CHEVY, GMC, ISUZU, PONTIAC	A			

MORE INFORMATION @ WWW.CHAMPLABS.COM

Mobil 1

Mobil 1 Extended Performance Oil Filters



- * Designed for today's longer service intervals
- * Removes more contaminants than conventional filters using an advanced synthetic fiber blend filter media
- * High-capacity design stores more contaminants (two times the capacity of the leading brand)
- * Reduces resistance to oil flow while improving filter efficiency
- * Withstands up to five times the normal system operating pressure

Why use Mobil 1 oil filters over conventional filters?

- * Cleaner oil
- * Longer filter life
- * Reduced potential for filter failure due to pressure build-up
- * Reduced potential for filter failure due to repeated pressure surges at start-up
- * Improved oil flow
- * Easier filter removal based on use of a special gasket that requires less torque at installation (less strain with an oil filter wrench)

MOBIL 1 OIL FILTERS

IFA PART#	GENERAL DESCRIPTION	POP CODE*	IFA PART#	GENERAL DESCRIPTION	POP CODE*
M1-101	BUICK, CHEVY, GMC, OLDS, PONT	AA	M1-204	CHRY, DODGE, JEEP, PLY, VOLVO	AA
M1-102	CHEVY, JEEP, LEXUS, PLYM, TOY	AA	M1-205	AUDI, VOLKSWAGEN	A
M1-103	96-11 SUZUKI, 88-11 TOYOTA	AA	M1-206	BUICK, CAD, CHEVY, OLDS, PONT	AA
M1-104	ACURA, HONDA, HYUN, KIA, MITS	AA	M1-207	CHEV, DODGE, EAGLE, FORD, JEEP	B
M1-105	CHRY, DODGE, ISUZU, MITS, PONT	B	M1-208	INFINITI, NISSAN, SUBARU, VW	A
M1-107	96-11 GM	AA	M1-209	CHRY, DODGE, FORD, LINC, MITS	AA
M1-108	INFINITI, KIA, MAZDA, NISS, SUB	AA	M1-210	FORD, LINCOLN, MAZDA, MERCURY	AA
M1-109	93-99 VOLVO	B	M1-301	CHRYSLER, DODGE, FORD	AA
M1-110	ACURA, HONDA, MITS, NISSAN	AA	M1-302	CHEVY, GMC, ISUZU, PONTIAC	A
M1-111	99-09 CHEVY, GMC V8 7.4L, 8.1L	A	M1-303	01-11 CHEVY, GMC V8 6.6L T.D.	A
M1-113	07-11 GM	AA	M1-403	89-11 DODGE 6CYL 5.9L T.D.	A
M1-201	BUICK, CHEVY, GMC, OLDS, PONT	AA	MO5515	03-07 F250-550 6.0L, 08 6.4L TD	A

OIL FILTER TOOLS



PAGES 178-185

ADDITIONAL OIL FILTERS

FOR ORDERS OR QUESTIONS - TOLL FREE

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SPIN-ON OIL FILTERS (EACH)

IFA PART#	GENERAL DESCRIPTION	POP CODE*	IFA PART#	GENERAL DESCRIPTION	POP CODE*
FL910	04-08 FORD 2.0, 2.3L (MOTORCRAFT)	C	L30133	65-69 TOYOTA 4CYL 1.5, 1.9L	F
L10028	70-75 AH, 71-75 MG, 66-75 OPEL	F	L30165	83-95 PORSCHE	D
L10101	FIAT, LOTUS, RENAULT	F	L30251	78-95 PORSCHE 928 V8	F
L10109	73-79 HONDA, 70-71 MAZDA	D	L30255	76-94 JAGUAR	D
L10168	81-88 AUDI 5000, 83-85 QUTTRO	F	L30260	74-94 PORSCHE 911 6CYL	D
L10343	82-87 FORD, MAZ, MERCY DIESEL	F	L30341	50-86 FERRARI, 68-72 PORSCHE	F
L17819	02-05 LAND RVR FREE LANDER V6	D	L30381	81-09 BENTLEY, 76-97 JAGUAR	C
L20020	72-87 ALFA ROMEO, 67-83 FIAT	F	L32106	69-76 BMW, 50-73 LANDROVER	F
L20024	64-66 FIAT, 57-61 RENAULT	F	L34002	83-87 CHVY, GMC, ISUZU, NISSAN	F
L20051	50-59 CADILLAC, 41-62 CHEVY	F	L34480	84-91 PEUGEOT 505, 604	F
L20064	70-89 TOYOTA, 74-82 NISSAN	D	L39001	86-97 FORD V8 460 7.5L	D
L20073	72-80 FORD, 69-79 MAZDA	F	L40084	72-84 CHEVROLET, GMC	D
L20290	87-97 MITS FUSO TURBO DIESEL	F	L40316	92-98 VW EUROVN, 83-86 VOLVO	D
L22167	80-89 NISSAN PICKUP	D	L44748	00-04 AUDI A6, 02-04 S6 AVANT	D
L22500	09-12 DODGE, FORD, JEEP, LINC	B	P10L	54-71 ALFA ROMEO, 51-78 JAG	F
L30003	58-64 AMC, 62-71 JEEP	F	P911L	95-97 PORSCHE 911, 993 CRR	F
L30005	59-74 AMC, BUICK, JEEP, OLDS	F	PER124	EARLY BUICK, PONTIAC	F
L30042	65-84 NISSAN, 68-74 TOYOTA	D	PER287	DODGE RAM 50 PU 2.3L DIESEL	F
L30048	51-60 FORD, 52-56 LINC, MERCY	F	PER1091	64-83 PEUGEOT	F
L30119	68-79 NISSAN	F	R17	2 QT FORD	F

CARTRIDGE OIL FILTERS (EACH)

L10085	87-92 BUICK, OLDS, PONT, CHEVY	C	L25646	07-09 DODGE, JEEP, MRCDS 3.0L	C
L14758	91-95 BMW 318I 4CYL 1.8L	C	L25691	06-10 BMW M5, M6, 08-11 PORS	D
L15309	00-05 SATURN V6 3.0L	B	L25702	07-11 TOYOTA V8 5.7L, LEXUS	A
L15315	99-11 VOLVO	A	L25848	08-11 HYUNDAI, KIA	C
L15386	00-01 SATURN 4CYL	D	L28812	91-02 BMW 6CYL	B
L15436	00-11 CHEVY, SATURN	AA	L30084	77-93 BMW 6CYL	C
L15438	97-99 AUDI A8 V8 3.7, 4.2L	D	L30141	57-69 CHEVROLET, 65-69 GMC	D
L15465	02-06 MINI COOPER 4CYL 1.6L	B	L34756	92-00 MERCEDES V8 4.2, 5.0L	B
L15505	04-10 FORD, MAZDA 2.3L	A	L35234	04-12 VOLVO S40, S60, V50	B
L15607	06-11 BMW 3, 5 SERIES	C	L35280	96-04 BMW	B
L15830	07-09 MINI COOPER 4CYL 1.6L	D	L35476	03-04 CADILLAC CTS V6 3.2L	B
L15839	08-09 ASTRA, 09-11 AVEO	C	L35544	03-11 MERCEDES, MAYBACH V12	D
L16311	08-11 CORLLA, MATRIX, XD, VIBE	B	L35581	05-11 AUDI 2.0L, 05-11 VW	A
L20011	70-91 MERCEDES V8	B	L35593	04-06 MERCEDES E320 CDI 6CYL	D
L20013	84-87 MERCEDES 190E 4CYL 2.3L	D	L35610	06-10 HYUNDAI, KIA	A
L20110	MERCEDES 200-240D	F	L35906	07-11 MERCEDES V8 6.3L	F
L20178	58-78 MERCEDES-BENZ	D	L37212	91-95 BMW	C
L24008	86-87 ACURA LEGEND V6 2.5, 2.7L	C	L38113	04-11 AUDI, 01-11 VOLKSWAGEN	B
L25247	96-06 BMW 6CYL	A	L40039	84-95 MERCEDES DIESEL	C
L25250	00-03 AUDI 4.2L, 97-05 VW	B	L43056	76-85 MERCEDES 240, 300 DIESEL	C
L25251	96-99 BMW 318, Z3 4CYL 1.9L	C	L44674	88-90 BMW 750IL V12 5.0L	D
L25274	99-02 OLDS V6, 04-11 CAD V6	A	L44755	85-86 BMW 524 T.D., LINCOLN	D
L25276	04-08 CHRYS, 98-05 MERCEDES	A	L44757	90-04 MERCEDES	B
L25277	06-11 MERCEDES, 07-09 SPRINTR	C	L44798	92-96 VOLKSWAGEN V6 2.8L	C
L25692	07-11 VOLVO S80, V70, XC70, 90	C	L45126	92-02 MERCEDES V12 6.0L	D
L25316	97-11 PORSCHE 911, BOXSTER	C	L45259	96-99 MERCEDES E300 6CYL 3.0L	D
L25511	02-08 BMW 545I, 654, 745, X5	C	L45308	98-06 VOLKSWAGEN 4CYL DIESEL	B
L25536	03-06 DODGE SPRINTER VAN 5CYL	C	L45514	03-05 MERCEDES C230 4CYL 1.8L	B
L25545	00-11 AUDI, 96-11 VW	C	L45515	03-07 F250-550 6.0L, 08 6.4L TD	A
L25564	03-10 BMW	C	L45579	04-09 AUDI A8, 04-06 VW PHAET	C
L25608	05-11 TOYOTA, LEXUS 3.5L	A	L45598	05-11 AUDI A4, A6 AVANT	C
L25609	06-11 LEXUS GS, IS, LS	B	PERBMW3	08-10 BMW M3 V8 4.0L	F

OIL FILTER QUICK CROSS REFERENCE

OIL FILTERS																			
FOR ORDERS OR QUESTIONS - TOLL FREE																			
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OIL FILTER QUICK CROSS REFERENCE (FOR PREMIUM GUARD FILTERS)																			
CHAMP			PH2832	PG4670	PH3619	PG288	T24	PG4006	M33	PG33	PH2840	PG4476	PH3644	PG241	T25	PG252	M40	PG4631	
LFP780	PG5335	PH2858	PG241	PH3675	PG5288	T26	PG4011	M49	PG49	PH2841	PG4477	PH3651A	PG2167	T27	PG4011	M49	PG49		
LFP286	PG4872	PH2859	PG241	PH3766	PG252	T28	PG4195	M81	PG4670	PH2856A	PG193	PH3664	PG193	T29	PG4195	M81	PG4670		
LFP2999	PG5399	PH2867	PG4610	PH3786	PG252	T30	PG4631	M183	PG183	PH2858	PG241	PH3682	PG4457	T31	PG4006	M289	PG4619		
LP2016	PG5515	PH2868	PG4610	PH3816	PG252	T33	PG4619	M454	PG5313	PH2867	PG4610	PH3786	PG252	T33	PG4619	M454	PG5313		
LP2017	PG5515	PH2869	PG4460	PH3946	PG252	T35	PG4670	M766	PG288	PH2876	PG4612	PH3946	PG252	T36	PG4651	M2008	PG5317		
P3244	PG5436	PH2876	PG4612	PH3946	PG252	T36	PG4651	M2008	PG5317	PH2891	PG4466	PH3946	PG252	T37	PG288	M2017	PG5515		
PH8A	PG1A	PH2903	PG4459	PH3946	PG252	T37	PG288	M2017	PG5515	PH2903	PG4459	PH3946	PG252	T37	PG288	M2017	PG5515		
PH228	PG4670	PH13	PG4631	PH7498	PG241	T56	PG5401	M3600	PG195	PH2282	PG4670	PH16	PG4670	T57	PG5515	M3614	PG241		
PH232	PG4670	PH19A	PG1A	PH8212	PG4484	TFC500	PG64	M3682	PG457	PH253	PG4670	PH19A	PG1A	TFC501	PG252	M3766	PG288		
PH400	PG195	PH25	PG33	PH8316	PG5230	TFC501	PG252	M3980	PG4011	PH453	PG5401	PH30	PG49	TFC502	PG257	M3980	PG4011		
PH454	PG5313	PH32	PG1A	PH8994	PG5401	TFC504	PG2167	M3985	PG193	PH454	PG5401	PH30	PG49	TFC504	PG2167	M3985	PG193		
PH561	PG252	PH43	PG4670	PH9100	PG5399	TFC505	PG4670	M422	PG5335	PH561	PG252	PH43	PG4670	TFC505	PG4670	M422	PG5335		
PH561A	PG252	PH48	PG4670	PH9100	PG5399	TFC517	PG193	M4459	PG4459	PH561A	PG252	PH48	PG4670	TFC517	PG193	M4459	PG4459		
PH820	PG4651	PH961	PG4670	PH9100	PG5399	TFC518	PG252	M4459	PG4459	PH820	PG4651	PH961	PG4670	TFC518	PG252	M4459	PG4459		
PH903	PG4484	PH2843	PG4670	PH9100	PG5399	TFC519	PG183	M4460	PG4460	PH903	PG4484	PH2843	PG4670	TFC519	PG183	M4460	PG4460		
PH1218	PG4631	PH2856	PG4619	PH9100	PG5399	TFC524	PG4457	M4466	PG4466	PH1218	PG4631	PH2856	PG4619	TFC524	PG4457	M4466	PG4466		
PH2005	PG5230	PH2870	PG252	HS0108	PG288	TFC523	PG4457	M4477	PG4477	PH2005	PG5230	PH2870	PG252	TFC523	PG4457	M4477	PG4477		
PH2008	PG5317	PH2870A	PG252	HS0125	PG4484	TFC524	PG4457	M4484	PG4484	PH2008	PG5317	PH2870A	PG252	TFC524	PG4457	M4484	PG4484		
PH2701	PG257	PH2951	PG2821A	HS0129	PG4006	TFC525	PG4477	M4612	PG4612	PH2701	PG257	PH2951	PG2821A	TFC525	PG4477	M4612	PG4612		
PH2702	PG4484	PH3353	PG4006	HS0131	PG4670	TFC526	PG4477	M4620	PG4620	PH2702	PG4484	PH3353	PG4006	TFC526	PG4477	M4620	PG4620		
PH2801	PG4619	PH3354	PG111	HS0132	PG4612	TFC528	PG4484	M4622	PG4612	PH2801	PG4619	PH3354	PG111	TFC528	PG4484	M4622	PG4612		
PH2802	PG4459	PH3381	PG1A	HS0134	PG4612	TFC529	PG4610	M4651	PG4651	PH2802	PG4459	PH3381	PG1A	TFC529	PG4610	M4651	PG4651		
PH2808	PG4459	PH3387A	PG111	HS0138	PG5335	TFC530	PG4610	M4670	PG4670	PH2808	PG4459	PH3387A	PG111	TFC530	PG4610	M4670	PG4670		
PH2809	PG193	PH3429	PG5288	HS0139	PG4670	TFC531	PG4612	M4872	PG4872	PH2809	PG193	PH3429	PG5288	TFC531	PG4612	M4872	PG4872		
PH2810	PG193	PH3432	PG4006	HS0141	PG4670	TFC533	PG4466	M5230	PG5230	PH2810	PG193	PH3432	PG4006	TFC533	PG4466	M5230	PG5230		
PH2815	PG257	PH3506	PG4006	T1FS	PG1A	TFC534	PG4460			PH2815	PG257	PH3506	PG4006	TFC534	PG4460				
PH2816	PG183	PH3508	PG257	T4	PG4631	TFC537	PG4670			PH2816	PG183	PH3508	PG257	TFC537	PG4670				
PH2817	PG291	PH3531	PG291	T16	PG33	TFC538	PG4612			PH2817	PG291	PH3531	PG291	TFC538	PG4612				
PH2820	PG4670	PH3535	PG4011	T17	PG4631					PH2820	PG4670	PH3535	PG4011	T17	PG4631				
PH2820A	PG4670	PH3562	PG193	T18	PG49					PH2820A	PG4670	PH3562	PG193	T18	PG49				
PH2821A	PG2821A	PH3589	PG257	T19	PG64					PH2821A	PG2821A	PH3589	PG257	T19	PG64				
PH2823	PG4477	PH3589	PG4670	T20	PG4670					PH2823	PG4477	PH3589	PG4670	T20	PG4670				
PH2825	PG64	PH3593A	PG4459	T21	PG4006	M1	PG1A	P21	PG1A	PH2825	PG64	PH3593A	PG4459	T21	PG4006	M1	PG1A	P21	PG1A
PH2827	PG4457	PH3600	PG195	T22	PG111	M7	PG4670	P22	PG33	PH2827	PG4457	PH3600	PG195	T22	PG111	M7	PG4670	P22	PG33
PH2830	PG2167	PH3614	PG241	T23	PG5288	M17	PG4670	P29A	PG111	PH2830	PG2167	PH3614	PG241	T23	PG5288	M17	PG4670	P29A	PG111

Each Oil Filter line has its own cross reference section to help identify the proper filter in the line your business chooses to stock!

Use the following charts from pages 7 - 17 to quickly find the cross reference to many popular interchanges in their **NUMERIC ORDER**

To the right of each part# is the **IFA PART#**, which can be used to reference pages 1 - 5 to see a generic description of the part and its popularity

In addition, each part# is **COLOR-CODED** based on its popularity to help immediately identify the needs of your business (use the key below to determine each part#'s sales group)

SAVE TIME AND MONEY BY ONLY STOCKING THE INVENTORY AND QUANTITIES YOU NEED!

PG4610	T55	PG5317	M3593
PG241	T56	PG5401	M3600
PG241	T57	PG5515	M3614
PG4484	TFC500	PG64	M3682
PG5230	TFC501	PG252	M3766
PG5313	TFC502	PG257	M3980
PG5401	TFC504	PG2167	M3985
PG5399	TFC505	PG4670	M4422
	TFC517	PG193	M4455
	TFC518	PG252	M4459
	TFC519	PG183	M4460



- Top 16 numbers
- Next 23 numbers
- Next 25 numbers
- Next 26 numbers
- Next 28 numbers
- Last 31 numbers

KEY TO POPULARITY CODES*

AA - 80% OF SALES
A - 14% OF SALES
B - 4% OF SALES
C - 1% OF SALES
D - <1% OF SALES
F - <1% OF SALES

* POP CODE RATING IS BASED ON NATIONAL SALES DATA COMPILED BY INTERNATIONAL FILTERS AND MAY DIFFER FROM BUSINESS TO BUSINESS

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OIL FILTER QUICK CROSS REFERENCE (FOR IFA METROSTREET® IFA SUPERSTOCK® FILTERS - PG. 1)

CHAMP		PH5 M4631	HSO131 M4670	M1 M1A	PZ34 M4670
LFP780 M5335	PH8A M1A	HSO132 M4612	M7 M4670	PZ36 M4610	
LFP2286 M4872	PH13 M4631	HSO134 M4612	M17 M4670	PZ37 M4612	
LFP2999 M5399	PH16 M4670	HSO138 M5335	M40 M4631	PZ38 M4477	
PH8A M1A	PH19A M1A	HSO139 M4670	M40A M4631	PZ39 M4476	
PH16 M4670	PH32 M1A	HSO141 M4670	M48 M2222	PZ41 M4484	
PH29 M4631	PH43 M4670	T1FS M1A	M81 M4670	PZ42 M4651	
PH37 M111	PH48 M4670	T4 M4631	M159 M5288	PZ45 M4631	
PH44 M4006	PH961 M4670	T17 M4631	M454 M5313	PZ47 M5335	
PH47 M111	PH2843 M4670	T20 M4670	M2008 M5317	PZ48 M4006	
PH48 M2222	PH2870 M252	T21 M4006	M2870 M252	PZ49 M4872	
PH51 M4011	PH2870A M252	T22 M111	M2870A M252	PZ51 M5230	
PH51A M4011	PH3353 M4006	T23 M5288	M2999 M5399	PZ52 M5313	
PH59 M5288	PH3354 M111	T24 M4006	M3387 M111	PZ57 M5317	
PH228 M4670	PH3381 M1A	T25 M252	M3535 M4011	PZ59 M5399	
PH232 M4670	PH3387A M111	T26 M111	M3569 M257	PZ109 M4610	
PH253 M4670	PH3429 M5288	T27 M4011	M3593 M4459	PZ167 M2222	
PH400 M195	PH3432 M4006	T28 M195	M3600 M195		
PH454 M5313	PH3506 M4006	T29 M241	M3614 M241	PERFORMAX	
PH561 M252	PH3508 M257	T30 M4631	M3682 M4457	PO1 M1A	
PH561A M252	PH3535 M4011	T31 M4006	M3980 M4011	PO7 M4670	
PH820 M4651	PH3569 M257	T35 M4670	M4006 M4006	PO9A M111	
PH903 M4484	PH3589 M4670	T36 M4651	M4422 M5335	PO10 M5288	
PH1218 M4631	PH3593A M4459	T38 M4631	M4455 M4459	PO12 M252	
PH2005 M5230	PH3600 M195	T39 M4872	M4459 M4459	PO19 M195	
PH2008 M5317	PH3614 M241	T40 M5335	M4477 M4477	PO21 M241	
PH2701 M257	PH3644 M241	T41 M4006	M4484 M4484	PO22 M257	
PH2702 M4484	PH3675 M5288	T42 M5230	M4612 M4612	PO27 M4457	
PH2802 M4459	PH3682 M4457	T43 M5288	M4620 M4610	PO28 M5288	
PH2808 M4459	PH3786 M4872	T45 M5313	M4622 M4612	PO29 M4011	
PH2815 M257	PH3963 M4670	T47 M5335	M4651 M4651	PO33 M4459	
PH2820 M4670	PH3976A M5335	T48 M4610	M4670 M4670	PO34 M4670	
PH2820A M4670	PH3980 M4011	T49 M5399	M4872 M4872	PO37 M4612	
PH2823 M4477	PH4386 M4477	T55 M5317	M5230 M5230	PO38 M4477	
PH2827 M4457	PH4913 M4610	T62 M2222		PO39 M4476	
PH2832 M4670	PH4967 M4476	TFC501 M252	PENNZOIL		PO41A M4484
PH2840 M4476	PH5618 M5317	TFC502 M257	PZ1 M1A	PO42 M4651	
PH2841 M4477	PH6552 M4484	TFC505 M4670	PZ5 M4631	PO45 M4631	
PH2858 M241	PH6607 M4612	TFC518 M252	PZ7 M4670	PO47 M5335	
PH2859 M241	PH6811 M4459	TFC520 M4459	PZ9A M111	PO48 M4006	
PH2867 M4610	PH7317 M4610	TFC523 M4457	PZ10 M5288	PO49 M4872	
PH2868 M4610	PH7498 M241	TFC524 M4457	PZ12 M252	PO51 M5230	
PH2876 M4612	PH7575 M241	TFC525 M4477	PZ13 M4670	PO52 M5313	
PH2903 M4459	PH8212 M4484	TFC526 M4477	PZ15 M4011	PO57 M5317	
	PH8316 M5230	TFC528 M4484	PZ19 M195	PO59 M5399	
	PH8873 M5313	TFC529 M4610	PZ21 M241	PO109 M4610	
	PH9100 M5399	TFC530 M4610	PZ22 M257		
	PH10060 M2222	TFC531 M4612	PZ23 M4459	PUROLATOR	
		TFC537 M4670	PZ27 M4457	L10111 M111	
		TFC538 M4612	PZ28 M5288	L10241 M241	
			PZ29 M4011		
			PZ33 M4459		
FRAM		HAVOLINE		MIGHTY	
P3761 M4670		HSO125 M4484			
PH2 M4651		HSO129 M4006			
PH3 M1A					

OIL FILTER QUICK CROSS REFERENCE (FOR IFA METROSTREET® IFA SUPERSTOCK® FILTERS - PG. 1)

L12222	M2222	QS3569	M257	SH41	M4006	VO26	M241	51061	M4631	
L14006	M4006	QS3593A	M4459	SH42	M5230	VO31	M5288	51063	M4631	
L14459	M4459	QS3600	M195	SH43	M5288	VO33	M4457	51064	M4459	
L14476	M4476	QS3614	M241	SH45	M5313	VO34	M4011	51065	M4476	
L14477	M4477	QS3675A	M5288	SH47	M5335	VO39	M4459	51068	M4670	
L14610	M4610	QS3682	M4457	SH48	M4610	VO40	M4476	51084	M4670	
L14612	M4612	QS3963	M4670	SH49	M5399	VO41	M4477	51085	M4670	
L14670	M4670	QS3976	M5335	SH55	M5317	VO43	M252	51191	M257	
L15313	M5313	QS3980	M4011	SH167	M2222	VO45	M4670	51228	M5317	
L15317	M5317	QS4386	M4477	SH502	M257	VO47	M4651	51307	M4670	
L20195	M195	QS4967	M4476	SH518	M252	VO48	M241	51312	M4670	
L20252	M252	QS5618	M5317	SH520	M4459	VO49	M4610	51315	M5230	
L24011	M4011	QS6552	M4484	SH524	M4457	VO50	M4610	51316	M4670	
L24457	M4457	QS6607	M4612	SH525	M4476	VO51	M4484	51334	M4459	
L24484	M4484	QS6811	M4459	SH526	M4477	VO52	M4459	51342	M252	
L24651	M4651	QS7317	M4610	SH528	M4484	VO54	M4612	51345	M4457	
L25230	M5230	QS8873	M5313	SH529	M4610	VO55	M4011	51348	M241	
L25288	M5288	QS9100	M5399	SH531	M4612	VO56	M4631	51356	M4610	
L30001	M1A	QS14006	M4006	SH538	M4612	VO57	M4670	51357	M4610	
L30257	M257	QS14610	M4610				VO58	M4006	51361	M4457
L34631	M4631	QS14612	M4612				VO59	M5230	51365	M4612
L35399	M5399	QS25230	M5230	L780	M5335	VO60	M4484	51372	M4651	
L44872	M4872	QS44872	M4872	L903	M4484	VO63	M4872	51378	M4484	
L45335	M5335	QS45335	M5335	L2286	M4872	VO64	M5335	51393	M252	
			QS45518	M2222	L2876	M4612	VO65	M5313	51394	M4476
						SH1	M1A	VO1	M1A	VO68
QS2	M4651	SH20				M4670	VO6	M4670	VO75	M5399
QS5	M4631	SH23	M5288	VO8	M111	VO88	M2222	51515	M1A	
QS8A	M1A	SH26	M111	VO9	M4670	VO95	M7019	51516	M195	
QS13	M4631	SH27	M4011	VO12	M4631				51522	M5288
QS16	M4670	SH28	M195	VO13	M4006				51525	M1A
QS19	M1A	SH29	M241	VO14	M5288	51036	M4011	51604	M5335	
QS43	M4670	SH35	M4670	VO15	M252	51039	M4006	51607	M5335	
QS2844	M4670	SH36	M4651	VO16	M111	51040	M111	51617	M4631	
QS2870A	M252	SH38	M4631	VO21	M4011	51041	M4006	51617	M4631	
QS3354	M111	SH39	M4872	VO23	M195	51042	M4006	51734	M4872	
QS3387A	M111				VO24	M257	51045	M5288	51771	M1A
QS3506	M4006				VO25	M241	51060	M4631	51045	M5288
QS3535	M4011							57099	M5313	

OIL FILTER QUICK CROSS REFERENCE (FOR PREMIUM GUARD FILTERS - PG. 2)

		PH24	PG33	PH228	PG4670	PH2005	PG5230	PH2817	PG291
		PH25	PG49	PH232	PG4670	PH2008	PG5317	PH2820	PG4670
		PH29	PG4631	PH253	PG4670	PH2701	PG257	PH2820A	PG4670
		PH30	PG33	PH400	PG195	PH2702	PG4484	PH2821A	PG2821A
LFP780	PG5335	PH37	PG111	PH453	PG5401	PH2801	PG4619	PH2823	PG4477
LFP784	PG288	PH44	PG4006	PH454	PG5313	PH2802	PG4459	PH2825	PG64
LFP2286	PG4872	PH47	PG111	PH561	PG252	PH2808	PG4459	PH2827	PG4457
LFP2999	PG5399	PH48	PG2222	PH561A	PG252	PH2809	PG193	PH2832	PG4670
PH8A	PG1A	PH51	PG4011	PH820	PG4651	PH2810	PG193	PH2840	PG4476
PH12	PG49	PH51A	PG4011	PH903	PG4484	PH2815	PG257	PH2841	PG4477
PH16	PG4670	PH59	PG5288	PH1218	PG4631	PH2816	PG183	PH2856A	PG193






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OIL FILTER QUICK CROSS REFERENCE (FOR PREMIUM GUARD FILTERS - PG. 2)

PH2858	PG241	PH3766	PG288	T28	PG195	M81	PG4670	PZ19	PG195
PH2859	PG241	PH3786	PG4872	T29	PG241	M159	PG5288	PZ21	PG241
PH2867	PG4610	PH3816	PG183	T30	PG4631	M183	PG183	PZ22	PG257
PH2868	PG4610	PH3946	PG4619	T31	PG4006	M289	PG4619	PZ23	PG4459
PH2869	PG4460	PH3950	PG193	T33	PG4619	M453	PG5401	PZ24	PG193
PH2876	PG4612	PH3963	PG4670	T35	PG4670	M454	PG5313	PZ25	PG193
PH2891	PG4466	PH3976A	PG5335	T36	PG4651	M766	PG288	PZ26	PG2821A
PH2903	PG4459	PH3980	PG4011	T37	PG288	M2008	PG5317	PZ27	PG4457
PH2904	PG7019	PH3985	PG4619	T38	PG4631	M2870	PG252	PZ28	PG5288
		PH4386	PG4477	T39	PG4872	M2870A	PG252	PZ29	PG4011
		PH4681	PG4466	T40	PG5335	M2904	PG7019	PZ30	PG4619
		PH4913	PG4610	T41	PG4006	M2951	PG2821A	PZ33	PG4459
		PH4967	PG4476	T42	PG5230	M2999	PG5399	PZ34	PG4670
		P2814	PG64	PH5618	PG5317	T43	PG5288	M3387	PG111
P3761	PG4670	PH6552	PG4484	T45	PG5313	M3531	PG291	PZ36	PG4610
PH2	PG4651	PH6607	PG4612	T47	PG5335	M3535	PG4011	PZ37	PG4612
PH3	PG1A	PH6811	PG4459	T48	PG4610	M3569	PG257	PZ38	PG4477
PH5	PG4631	PH7317	PG4610	T49	PG5399	M3593	PG4459	PZ39	PG4476
PH8A	PG1A	PH7328	PG7019	T55	PG5317	M3600	PG195	PZ41	PG4484
PH13	PG4631	PH7498	PG241	T56	PG5401	M3614	PG241	PZ42	PG4651
PH16	PG4670	PH7575	PG241	T62	PG2222	M3682	PG4457	PZ45	PG4631
PH19A	PG1A	PH8212	PG4484	TFC500	PG64	M3766	PG288	PZ46	PG4460
PH25	PG33	PH8316	PG5230	TFC501	PG252	M3980	PG4011	PZ47	PG5335
PH30	PG49	PH8873	PG5313	TFC502	PG257	M3985	PG193	PZ48	PG4006
PH32	PG1A	PH8994	PG5401	TFC505	PG4670	M4006	PG4006	PZ49	PG4872
PH43	PG4670	PH9100	PG5399	TFC516	PG291	M4422	PG5335	PZ51	PG5230
PH48	PG4670	PH10060	PG2222	TFC517	PG193	M4455	PG4459	PZ52	PG5313
PH961	PG4670			TFC518	PG252	M4459	PG4459	PZ57	PG5317
PH2843	PG4670			TFC519	PG183	M4460	PG4460	PZ59	PG5399
PH2856	PG4619			TFC520	PG4459	M4466	PG4466	PZ65	PG5401
PH2870	PG252			TFC523	PG4457	M4477	PG4477	PZ104	PG7019
PH2870A	PG252			TFC524	PG4457	M4484	PG4484	PZ105	PG288
PH2951	PG2821A	HSO108	PG288	TFC525	PG4477	M4612	PG4612	PZ106	PG193
PH3353	PG4006	HSO125	PG4484	TFC526	PG4477	M4620	PG4610	PZ109	PG4610
PH3354	PG111	HSO129	PG4006	TFC528	PG4484	M4622	PG4612	PZ130	PG183
PH3381	PG1A	HSO131	PG4670	TFC529	PG4610	M4651	PG4651	PZ167	PG2222
PH3387A	PG111	HSO132	PG4612	TFC530	PG4610	M4670	PG4670		
PH3429	PG5288	HSO134	PG4612	TFC531	PG4612	M4872	PG4872		
PH3432	PG4006	HSO138	PG5335	TFC533	PG4466	M5230	PG5230		
PH3506	PG4006	HSO139	PG4670	TFC534	PG4460				
PH3508	PG257	HSO141	PG4670	TFC537	PG4670				
PH3531	PG291	T1FS	PG1A	TFC538	PG4612				
PH3535	PG4011	T4	PG4631						
PH3562	PG193	T16	PG33						
PH3569	PG257	T17	PG4631						
PH3589	PG4670	T18	PG49						
PH3593A	PG4459	T19	PG64						
PH3600	PG195	T20	PG4670	M1	PG1A	PZ1	PG1A	PO1	PG1A
PH3614	PG241	T21	PG4006	M7	PG4670	PZ2	PG33	PO2	PG33
PH3619	PG288	T22	PG111	M17	PG4670	PZ3	PG49	PO3	PG49
PH3644	PG241	T23	PG5288	M33	PG33	PZ5	PG4631	PO7	PG4670
PH3664	PG193	T24	PG4006	M40	PG4631	PZ7	PG4670	PO9A	PG111
PH3664	PG193	T25	PG252	M40A	PG4631	PZ9A	PG111	PO10	PG5288
PH3675	PG5288	T26	PG111	M48	PG2222	PZ10	PG5288	PO12	PG252
PH3682	PG4457	T27	PG4011	M49	PG49	PZ12	PG252	PO18A	PG291
						PZ13	PG4670	PO19	PG195
						PZ15	PG4011	PO21	PG241
						PZ18A	PG291	PO22	PG257
								PO26	PG2821A
								PO27	PG4457
								PO28	PG5288

OIL FILTERS

FOR ORDERS OR QUESTIONS - TOLL FREE





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OIL FILTER QUICK CROSS REFERENCE (FOR PREMIUM GUARD FILTERS - PG. 2)

51372	PG4651	51394	PG4476	51525	PG1A	51626	PG4619	57202	PG5399
51378	PG4484	51395	PG4476	51604	PG5335	51734	PG4872	57620	PG5335
51381	PG193	51396	PG4477	51607	PG5335	51742	PG288		
51391	PG2821A	51515	PG1A	51617	PG4631	51771	PG1A		
51392	PG291	51516	PG195	51618	PG33	57060	PG2222		
51393	PG252	51522	PG5288	51625	PG2821A	57099	PG5313		

OIL FILTER QUICK CROSS REFERENCE (FOR CHAMP FILTERS - PG. 3)

		PH6022	PH2835	T50	P837	M3980	PH51A	PZ32	PH2808
		PH6552	PH2702	T51	P3244	M3985	PH2856A	PZ32	PH2867
		PH6607	PH2876	T55	PH2008	M4006	PH44	PZ33	PH2808
		PH6811	PH2808	T56	PH453	M4422	LFP780	PZ34	PH253
PH2	PH820	PH7226	PH253	T62	PH48	M4455	PH2808	PZ35	PH561
PH5	PH1218	PH7317	PH2867	TFC502	PH2815	M4460	PH2869	PZ36	PH2867
PH7	PH253	PH7328	PH2904	TFC504	PH253	M4466	PH561	PZ37	PH2876
PH8A	PH8A	PH7575	PH2835	TFC516	PH2817	M4477	PH2840	PZ38	PH2840
PH13	PH1218	PH8212	PH2702	TFC517	PH2856A	M4484	PH2702	PZ39	PH2840
PH30	PH454	PH8316	PH2005	TFC518	PH561	M4612	PH2867	PZ41	PH2702
PH43	PH253	PH8712	P837	TFC519	PH2816	M4612	PH2876	PZ42	PH820
PH46	PH2816	PH8873	PH454	TFC520	PH2808	M4622	PH2867	PZ45	PH1218
PH966B	PH2835	PH8994	PH453	TFC524	PH2827	M4651	PH820	PZ46	PH2869
PH2815	PH2815	PH9010	PH2009	TFC525	PH2840	M4670	PH253	PZ47	LFP780
PH2825	PH561	PH9018	P3244	TFC528	PH2702	M4675	PH253	PZ48	PH44
PH2844	PH253	PH9100	LFP2999	TFC533	PH561	M4872	LFP2286	PZ49	LFP2286
PH2849A	PH2903	PH9342	PH2835	TFC534	PH2869	M5230	PH2005	PZ50	PH253
PH2870A	PH561	PH9566	PH2835	TFC538	PH2876	PH2816	PH2816	PZ51	PH2005
PH2951	PH2840	PH9715	PH2876			PH2903	PH2903	PZ52	PH454
PH2977A	PH2801	PH9837	PH59					PZ57	PH2008
PH3381	PH8A	PH9897	PH2903					PZ58	P3244
PH3387A	PH47	PH10060	PH48					PZ59	LFP2999
PH3429	PH59							PZ62	P837
PH3506	PH44			M1	PH8A	PZ1	PH8A	PZ65	PH453
PH3531	PH2817			M40A	PH1218	PZ3	PH454	PZ102	PH2816
PH3569	PH2815			M48	PH48	PZ5	PH1218	PZ104	PH2904
PH3593A	PH2808	T1FS	PH8A	M49	PH454	PZ7	PH253	PZ105	LFP784
PH3593A	PH2869	T18	PH454	M159	PH59	PZ8	PH561	PZ106	PH2856A
PH3593A	PH2903	T23	PH59	M183	PH2816	PZ9A	PH47	PZ108	PH2867
PH3600	PH400	T26	PH47	M289	PH2801	PZ10	PH59	PZ109	PH2867
PH3614	PH2835	T27	PH51A	M453	PH453	PZ12	PH561	PZ167	PH48
PH3675	PH59	T28	PH400	M454	PH454	PZ14	PH2903		
PH3682	PH2827	T29	PH2835	M837	P837	PZ15	PH51A		
PH3766	LFP784	T33	PH2801	M857	P837	PZ16	PH2856A		
PH3786	LFP2286	T35	PH253	M2008	PH2008	PZ18A	PH2817		
PH3816	PH2816	T36	PH820	M2009	PH2009	PZ19	PH400	PO1	PH8A
PH3950	PH2856A	T37	LFP784	M2870	PH561	PZ20	PH2856A	PO3	PH454
PH3976A	LFP780	T38	PH1218	M2901	PH2815	PZ21	PH2835	PO7	PH253
PH3980	PH51A	T39	LFP2286	M2904	PH2904	PZ22	PH2815	PO8	PH561
PH3985	PH2801	T41	PH44	M2999	LFP2999	PZ23	PH2808	PO9A	PH47
PH4386	PH2840	T42	PH2005	M3244	P3244	PZ25	PH2856A	PO10	PH59
PH4681	PH561	T43	PH59	M3387	PH47	PZ26	PH2840	PO12	PH561
PH4967	PH2840	T45	PH454	M3531	PH2817	PZ27	PH2827	PO18A	PH2817
PH5343	PH2867	T47	LFP780	M3600	PH400	PZ28	PH59	PO19	PH400
PH5566	PH2903	T48	PH2867	M3614	PH2835	PZ29	PH51A	PO21	PH2835
PH5618	PH2008	T49	LFP2999	M3682	PH2827	PZ30	PH2801	PO22	PH2815
				M3766	LFP784				







OIL FILTER QUICK CROSS REFERENCE (FOR CHAMP FILTERS - PG. 3)

PO26	PH2840	L15436	P3244	QS7317	PH2867	SH525	PH2840	51040	PH47
PO27	PH2827	L17019	PH2904	QS7328	PH2904	SH528	PH2702	51042	PH44
PO28	PH59	L20073	PH2903	QS8873	PH454	SH529	PH2867	51045	PH59
PO29	PH51A	L20252	PH561	QS8994	PH253	SH531	PH2876	51046	PH454
PO30	PH2801	L21095	PH400	QS9018	P3244	SH533	PH561	51060	PH1218
PO33	PH2808	L24011	PH51A	QS9100	LFP2999	SH534	PH2869	51061	PH1218
PO34	PH253	L24457	PH2827	QS14006	PH44	SH538	PH2876	51064	PH2808
PO35	PH561	L24484	PH2702	QS14460	PH2869			51069	PH454
PO37	PH2876	L24651	PH820	QS14610	PH2867			51083	PH2903
PO38	PH2840	L25230	PH2005	QS14612	PH2876			51085	PH253
PO39	PH2840	L25288	PH59	QS25230	PH2005			51190	PH51A
PO41A	PH2702	L25401	PH453	QS34875	PH253	L183	PH2816	51228	PH2008
PO42	PH820	L25522	PH2009	QS44872	LFP2286	VO1	PH8A	51288	PH2816
PO45	PH1218	L30001	PH8A	QS45335	LFP780	VO15	PH561	51311	PH2904
PO47	LFP780	L30257	PH2815	QS45518	PH48	VO16	PH47	51315	PH2005
PO48	PH44	L30288	LFP784			VO19	PH2856A	51333	PH2815
PO49	LFP2286	L34631	PH1218			VO23	PH400	51334	PH2808
PO51	PH2005	L35399	LFP2999			VO24	PH2815	51334	PH2869
PO52	PH454	L44872	LFP2286			VO25	PH2835	51334	PH2903
PO57	PH2008	L45335	LFP780	SH1	PH8A	VO27	PH2817	51342	PH561
PO58	P3244			SH18	PH454	VO31	PH59	51344	PH2808
PO59	LFP2999			SH20	PH253	VO33	PH2827	51347	PH2903
PO62	P837			SH23	PH59	VO35	PH2801	51348	PH2835
PO65	PH453			SH26	PH47	VO39	PH2808	51355	PH453
PO104	PH2904	QS2	PH820	SH27	PH51A	VO40	PH2840	51356	PH2867
PO105	LFP784	QS5	PH1218	SH28	PH400	VO45	PH253	51357	PH2867
PO106	PH2856A	QS8A	PH8A	SH29	PH2835	VO46	LFP784	51361	PH2827
PO109	PH2867	QS13	PH1218	SH33	PH2801	VO47	PH820	51365	PH2876
PO113	PH1218	QS16	PH253	SH35	PH253	VO50	PH2867	51366	PH2840
PO115	PH2816	QS30	PH454	SH36	PH820	VO52	PH2903	51367	PH2827
PO121	PH253	QS43	PH253	SH37	LFP784	VO53	PH2904	51372	PH820
PO126	PH2801	QS2825	PH561	SH38	PH1218	VO54	PH2876	51374	PH2816
PO130	PH2816	QS2849A	PH2903	SH39	LFP2286	VO55	PH51A	51378	PH2702
		QS2870A	PH561	SH41	PH44	VO56	PH1218	51381	PH2856A
		QS2951	PH2840	SH42	PH2005	VO58	PH44	51392	PH2817
		QS3387A	PH47	SH43	PH59	VO59	PH2005	51394	PH2840
		QS3429	PH59	SH45	PH454	VO60	PH2702	51395	PH2840
L10111	PH47	QS3569	PH2815	SH47	LFP780	VO61	PH2869	51396	PH2840
L10183	PH2816	QS3593A	PH2808	SH48	PH2867	VO63	LFP2286	51452	PH2815
L10193	PH2856A	QS3600	PH400	SH49	LFP2999	VO64	LFP780	51515	PH8A
L10241	PH2835	QS3614	PH2835	SH50	P837	VO65	PH454	51516	PH400
L10291	PH2817	QS3675A	PH59	SH51	P3244	VO66	P837	51522	PH59
L12222	PH48	QS3682	PH2827	SH55	PH2008	VO68	PH2008	51525	PH8A
L14006	PH44	QS3766	LFP784	SH56	PH453	VO75	LFP2999	51607	LFP780
L14459	PH2808	QS3816	PH2816	SH58	PH253	VO76	P3244	51626	PH2801
L14460	PH2869	QS3950	PH2856A	SH167	PH48	VO86	L25522	51734	LFP2286
L14476	PH2840	QS3976	LFP780	SH502	PH2815	VO88	PH48	51742	LFP784
L14610	PH2867	QS3980	PH51A	SH504	PH253	VO93	PH453	51762	PH400
L14612	PH2876	QS3985	PH2801	SH516	PH2817	VO95	PH253	51764	PH400
L14619	PH2801	QS4386	PH2840	SH517	PH2856A			51775	PH8A
L14670	PH253	QS4681	PH561	SH518	PH561			57021	P837
L15313	PH454	QS4967	PH2840	SH519	PH2816			57032	PH47
L15315	P837	QS5618	PH2008	SH520	PH2808			57046	PH2903
L15317	PH2008	QS6607	PH2876	SH524	PH2827	51036	PH51A	57060	PH48







OIL FILTER QUICK CROSS REFERENCE (FOR CHAMP FILTERS - PG. 3)

57073	PH48	57085	PH2816	57181	PH2835	57301	PH400	57620	LFP780
57082	P3244	57099	PH454	57202	LFP2999	57302	PH2009		

OIL FILTER QUICK CROSS REFERENCE (FOR MOBIL 1 FILTERS - PG. 4)

		CH9549	MO5515			TFC537	M1-204	PZ13	M1-204		
		P3761	M1-204			TFC538	M1-108	PZ15	M1-201		
		PH2	M1-210			T57	MO5515	PZ19	M1-209		
		PH3	M1-301					PZ21	M1-102		
PH5	M1-302	PZ23	M1-104								
PH8A	M1-301	PZ24	M1-105								
PH13	M1-302	PZ25	M1-105								
LFP780	M1-403	PH16	M1-204	HSO129	M1-107	M1	M1-301	PZ27	M1-208		
LFP2999	M1-303	PH19A	M1-301	HSO131	M1-204	M7	M1-204	PZ28	M1-206		
LP2016	MO5515	PH32	M1-301	HSO132	M1-108	M17	M1-204	PZ29	M1-201		
LP2017	MO5515	PH43	M1-204	HSO134	M1-108	M40	M1-302	PZ30	M1-207		
PH8A	M1-301	PH48	M1-204	HSO138	M1-403	M40A	M1-302	PZ33	M1-104		
PH16	M1-204	PH961	M1-204	HSO139	M1-204	M48	M1-113	PZ34	M1-204		
PH29	M1-302	PH2843	M1-204	HSO141	M1-204	M81	M1-204	PZ36	M1-110		
PH37	M1-101	PH2870	M1-205	T1FS	M1-301	M159	M1-206	PZ37	M1-108		
PH44	M1-107	PH2870A	M1-205	T4	M1-302	M289	M1-207	PZ38	M1-103		
PH47	M1-101	PH3353	M1-107	T17	M1-302	M454	M1-111	PZ42	M1-210		
PH48	M1-113	PH3354	M1-101	T20	M1-204	M2017	MO5515	PZ45	M1-302		
PH51	M1-201	PH3381	M1-301	T21	M1-107	M2870	M1-205	PZ47	M1-403		
PH51A	M1-201	PH3387A	M1-101	T22	M1-101	M2870A	M1-205	PZ48	M1-107		
PH59	M1-206	PH3429	M1-206	T23	M1-206	M2904	M1-109	PZ52	M1-111		
PH228	M1-204	PH3432	M1-107	T24	M1-107	M2999	M1-303	PZ59	M1-303		
PH232	M1-204	PH3506	M1-107	T25	M1-205	M3387	M1-101	PZ104	M1-109		
PH253	M1-204	PH3535	M1-201	T26	M1-101	M3535	M1-201	PZ106	M1-105		
PH400	M1-209	PH3589	M1-204	T27	M1-201	M3593	M1-104	PZ109	M1-110		
PH454	M1-111	PH3593A	M1-104	T28	M1-209	M3600	M1-209	PZ156	MO5515		
PH561	M1-205	PH3600	M1-209	T29	M1-102	M3614	M1-102	PZ167	M1-113		
PH561A	M1-205	PH3614	M1-102	T30	M1-302	M3682	M1-208				
PH820	M1-210	PH3644	M1-102	T31	M1-107	M3980	M1-201				
PH1218	M1-302	PH3664	M1-105	T33	M1-207	M3985	M1-105				
PH2801	M1-207	PH3675	M1-206	T35	M1-204	M4006	M1-107				
PH2802	M1-104	PH3682	M1-208	T36	M1-210	M4422	M1-403	PO1	M1-301		
PH2808	M1-104	PH3950	M1-105	T38	M1-302	M4455	M1-104	PO7	M1-204		
PH2809	M1-105	PH3963	M1-204	T40	M1-403	M4459	M1-104	PO9A	M1-101		
PH2810	M1-105	PH3976A	M1-403	T41	M1-107	M4477	M1-103	PO10	M1-206		
PH2820	M1-204	PH3980	M1-201	T43	M1-206	M4612	M1-108	PO12	M1-205		
PH2820A	M1-204	PH3985	M1-207	T45	M1-111	M4620	M1-110	PO19	M1-209		
PH2823	M1-103	PH4386	M1-103	T47	M1-403	M4622	M1-108	PO21	M1-102		
PH2827	M1-208	PH4913	M1-110	T48	M1-110	M4651	M1-210	PO27	M1-208		
PH2832	M1-204	PH6607	M1-108	T49	M1-303	M4670	M1-204	PO28	M1-206		
PH2841	M1-103	PH6811	M1-104	T62	M1-113			PO29	M1-201		
PH2856A	M1-105	PH7317	M1-110	TFC501	M1-205			PZ1	M1-301	PO30	M1-207
PH2858	M1-102	PH7328	M1-109	TFC505	M1-204			PZ5	M1-302	PO33	M1-104
PH2859	M1-102	PH7498	M1-102	TFC517	M1-105			PZ7	M1-204	PO34	M1-204
PH2867	M1-110	PH7575	M1-102	TFC518	M1-205	PZ9A	M1-101	PO37	M1-108		
PH2868	M1-110	PH8873	M1-111	TFC520	M1-104	PZ10	M1-206	PO38	M1-103		
PH2876	M1-108	PH9100	M1-303	TFC523	M1-208	PZ12	M1-205	PO42	M1-210		
PH2903	M1-104	PH10060	M1-113	TFC524	M1-208			PO45	M1-302		
PH2904	M1-109			TFC525	M1-103			PO47	M1-403		
				TFC526	M1-103			PO48	M1-107		
				TFC529	M1-110						
				TFC530	M1-110						
				TFC531	M1-108						

OIL FILTER QUICK CROSS REFERENCE (FOR ADDITIONAL SPIN-ON/CARTRIDGE - PG. 5)

PH2874	PER1091	PZ157	L15465	PO145	L20290	QS8712	L15315	LC2902	L44798
PH2892	L44748	PZ158	L25511	PO146	L45126	QS8765	L25274	LC2930	L43056
		PZ159	L15505	PO147	L44798	QS8806	L15309	LC8170	L25247
		PZ160	L25251	PO148	L37212	QS9018	L15436	LC8445	L25251
		PZ161	L25608	PO149	L35280	QS15505	L15505	VO1	L30119
		PZ162	L35581	PO151	L45259	QS45515	L45515	VO4	L30005
		PZ164	L35610	PO153	L35476	QSC21	L20051	VO5	L30141
		PZ165	L25609	PO154	L38113			VO7	L20064
		PZ169	L25702	PO156	L45515			VO17	L10028
				PO157	L15465			VO18	L20073
				PO158	L25511			VO20	L10109
				PO159	L15505			VO24	L40316
PO160	L25251			VO37	L10085				
PO162	L35581			VO44	L22167				
PO164	L35610			VO62	L44757				
PO165	L25609			VO66	L15315				
PO169	L25702			VO67	L25274				
PO173	L22500			VO69	L25276				
				PO8	L30042	SH32	L10085	VO70	L34756
		PO31	L10085	SH44	L25274	VO71	L45308		
		PO40	L30084	SH46	L15309	VO72	L15436		
		PO43	L20011	SH50	L15315	VO73	L15309		
		PO44	L43056	SH51	L15436	VO74	L35280		
		PO53	L44757	SH52	L25247	VO76	L15436		
		PO54	L34756	SH53	L25250	VO77	L38113		
		PO55	L25274	SH54	L25276	VO78	L35476		
		PO56	L15309	SH57	L45515	VO79	L45515		
		PO58	L15436	SH59	L15505	VO80	L15505		
		PO60	L25276	SH161	L25608	VO81	L45515		
		PO61	L25250	SH164	L35610	VO82	L15465		
		PO62	L15315	SH504	L22167	VO84	L25608		
		PO63	L25247	SH535	L20011	VO85	L35581		
		PO64	L45308	SH536	L43056	VO87	L25609		
		PO66	L40084			VO90	L35610		
		PO67	L40084			VO91	L15607		
		PO68	L39001			VO92	L45598		
		PO69	L30005			VO94	L45579		
		PO70	L10168			VO96	L25702		
PO71	L30260	VO98	L15839						
PO72	L30003	VO100	L22500						
PO73	L30141	L1	L39001			51007	L20178		
PO74	L20178	L7	L20020			51010	L20110		
PO75	L30260	L50	L30003			51034	L20064		
PO76	L10109	L183	L10168	51049	L30005				
PO77	L30255	L373	L40084	51051	L20024				
PO78	L30381	L787	L10343	51055	L30005				
PO79	L40039	L2819	L30260	51091	L34002				
PO80	L20013	L2855	L30165	51099	L32106				
PO81	L28812	L2862	L30381	51100	L20051				
PO82	L24008	L2863	L20290	51103	L20051				
PO83	L34002	L2865	L10109						
PO84	L30251	L3512	L10101						
PO85	L44748	LC3	L20110						
PO86	L44674	LC828	L30084						
PO87	L30165	LC829	L40039						
PO88	L14758	LC830	L24008						
PO89	L20290	LC833	L14758						
PO90	L45126	LC834	L28812						
PO91	L44798	LC841	L37212						
PO92	L37212	LC843	L44757						
PO93	L35280	LC846	L25250						
PO94	L45259	LC962	L20178						
PO95	L35476	LC1057	L20011						
PO96	L38113	LC1059	L32106						
PO97	L45515								
PO98	L15465								
PO99	L25609								
PO100	L25702								
PO101	L30042								
PO102	L10085								
PO103	L30084								
PO104	L20011								
PO105	L43056								
PO106	L34756								
PO107	L25274								
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PO111	L15315								
PO112	L25247								
PO113	L45308								
PO114	L40084								
PO115	L39001								
PO116	L30005								
PO117	L10168								
PO118	L30260								
PO119	L30003								
PO120	L30141								
PO121	L32106								
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PO124	L40316								
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PO130	L30381								
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PO135	L28812								
PO136	L24008								
PO137	L24008								
PO138	L34002								
PO139	L30251								
PO140	L44748								
PO141	L44674								
PO142	L30165								
PO143	L14758								
PO144	L20290								
PO145	L45126								
PO146	L44798								
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PO150	L35476								
PO151	L38113								
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PO155	L15505								
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PO285									

OIL FILTER QUICK CROSS REFERENCE (FOR ADDITIONAL SPIN-ON/CARTRIDGE - PG. 5)

51121	PER124	51215	FL910	51335	L10101	51838	L15436	57172	L44748
51122	PER124	51223	L25247	51340	PER1091	51839	L10343	57173	L25609
51141	L30141	51224	L44748	51371	L24008	57009	L45514	57186	L35234
51143	L30141	51226	L25276	51384	L20011	57021	L15315	57187	L35581
51144	L37212	51230	L45126	51385	L43056	57033	L15309	57198	L35544
51145	L44757	51232	L30255	51390	L10109	57038	L25536	57203	L15505
51157	P10L	51246	L34756	51398	L20011	57041	L25702	57204	L45598
51160	L28812	51283	L30260	51512	L30042	57047	L25608	57210	L45308
51170	L44798	51285	L30251	51521	L22167	57061	L35610	57211	L25316
51177	L44674	51287	L30165	51523	L20290	57062	L25646	57241	L17819
51182	L34480	51288	L10168	51545	L39001	57064	L16311	57250	L25848
51183	P10L	51289	L40039	51609	L30255	57078	L25277	57303	L15465
51185	L14758	51310	L20178	51622	L39001	57079	L35476	57314	L45515
51186	L35280	51320	L20024	51630	L10085	57082	L15436	57594	L25691
51187	L45259	51321	L30042	51732	L30084	57083	L38113	57674	L15839
51189	L20020	51325	L20013	51768	L30255	57090	L25274	57997	PERBMW3
51212	L25250	51328	L30133	51775	L20020	57170	L44798		
51213	L25251	51333	L40316	51794	L40084	57171	L25511		

ADDITIONAL OIL RELATED PRODUCTS

REPLACEMENT OIL FILTER CAP ASSEMBLY



IFA PART#
L5515CAP

* Replacement assembly (with gasket) for 2003 to 2008 Ford Trucks 6.0L and 6.4L

* Keep on hand for quick replacement of worn or broken caps

USE TOOL PART# 2574
36MM HEX REMOVAL TOOL
PAGE 181 FOR DETAILS



GM OIL FILTER PLATE AND GASKET



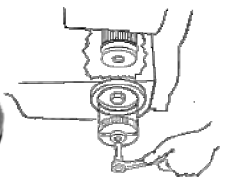
* Fits 87-92 GM 4cyl 2.5L

* Use with L85 Oil Filter

IFA PART#
74-28
74-28G

DESCRIPTION
PLATE
GASKET

USE TOOL PART# 53000
GM OIL PAN TOOL
PAGE 181 FOR DETAILS



UNIVERSAL CHRYSLER OIL DIPSTICK



* Fits various Chrysler vehicles from 1995 to 1997

* Plastic handle breaks easily due to location

IFA PART#
65144

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With over 500 AIR FILTER #'s from our quality manufacturers, IFA is truly the specialist in "HARD TO FIND FILTERS"

Each filter is individually labeled with **YOUR** part numbering system and description of the most popular generic application (some restrictions may apply)

All air filters are sold individually!!! **NO CASE REQUIREMENTS**

MANUFACTURED TO MEET OR EXCEED OEM SPECIFICATIONS

Easy to use cross references, on either the side or front flap of each box, help with popular interchanges to: AC DELCO, CHAMP, FRAM, GROUP7, HAVOLINE, MOTORCRAFT, PENNZOIL, PUROLATOR, VALVOLINE AND WIX (if applicable - cross reference selections will differ with each filter manufacturer)

Use the **COLOR-CODED** quick cross reference charts provided on pages 24 -35 for popular interchanges in numeric order and coded based on **POPULARITY!**



IFA PART#	GENERAL DESCRIPTION	POP CODE*	IFA PART#	GENERAL DESCRIPTION	POP CODE*
AF3	68-91 NISSAN PRODUCTS	D	AF113	FORD, LINCOLN, MERCURY	D
AF4	AMC, CHRYSLER, DODGE, PLY	C	AF118	70-74 TOYOTA CORONA, MARKII	F
AF15	DODGE, HONDA, PLYMOUTH	F	AF120	FORD, LINCOLN, MERCURY	F
AF16	FORD TRUCK, HONDA, MAZDA	D	AF124	FORD, MERCURY, TOYOTA	C
AF45	AMC, FORD	D	AF129	FORD, LINCOLN, MERCURY	F
AF50	CHEVY, GM TRUCKS, OLDS	F	AF131	FORD, MERCURY	F
AF52	CHRYSLER PRODUCTS	D	AF1104	PONTIAC LE MANS	F
AF57	FORD TRUCKS, MERCURY	F	AF1149	72-02 VW, 86-95 JEEP	C
AF59	GM PRODUCTS	F	AF1518	CHAMP FILTER ONLY - AF5314	AA
AF67	77-90 GM TRUCK, 77-85 BUICK	C	AF1615	CHAMP FILTER ONLY - AF4878	AA
AF68	AMC, FORD, MERCURY, FORD TRK	F	AF1708	MERCEDES BENZ 240D, 300D	F
AF70	NISSAN, SUBARU (OEM)	C	AF2318	71-79 DODGE PKUP, 74-79 VOYGR	F
AF74	GM PRODUCTS	D	AF2923	88-94 FORD TRUCK DIESEL 7.3L	D
AF83	68-87 FORD TRUCK, 68-85 FORD	D	AF2944	04-09 CAD SRX, 05-11 CAD STS	D
AF84	CHRYSLER, DODGE, PLYMOUTH	F	AF3087	BMW PANEL (13721271254)	F
AF89	CADILLAC, OLDS, PONTIAC	F	AF3137	GM PRODUCTS	F
AF90	FORD, JEEP, MERCURY PRODUCTS	F	AF3138	GM PRODUCTS	F
AF91	GM PRODUCTS	A	AF3141	84-88 MERC BENZ 190E 4 CYL	F
AF92	GM PRODUCTS	C	AF3149	CHEVY, CHEVY TRUCK, PONTIAC	F
AF93	68-79 CADILLAC PRODUCTS	F	AF3181	GM DIESEL	D
AF99	FORD, LINCOLN, MERCURY	F	AF3192	CHRYSLER PRODUCTS	B
AF103	CHRY, GM, HYUN, MAZ, TOYOTA	D	AF3193	FORD ESCORT, MERCURY LYNX	D
AF110	DATSUN, FORD, MERCY, NIS, SUB	D	AF3195	GM PRODUCTS, NISSAN PICK-UPS	B

AIR FILTERS

FOR ORDERS OR QUESTIONS - TOLL FREE

PH: 1-800-872-2333 FAX: 1-800-569-6412

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IFA PART#	GENERAL DESCRIPTION	POP CODE*	IFA PART#	GENERAL DESCRIPTION	POP CODE*
AF3196	GM V6 231 TURBO	F	AF4378	BRONCO, FORD PRODUCTS	A
AF3198	80-81 GM V8 PRODUCTS	F	AF4379	87-90 ESCORT, EXP, LYNX 4CYL	D
AF3217	75-87 TOYOTA LANDCRUISER	F	AF4380	87-88 BERETTA, CORSICA	F
AF3327	MERCEDES BENZ V8 GAS	D	AF4409	VW GOLF, JETTA, AUDI, PASSAT	D
AF3380	GM PRODUCTS	C	AF4467	87-90 TOY TERCEL 4CYL 1.5L	C
AF3384	LATE MODEL GM V8 PRODUCTS	D	AF4468	87-95 CELICA, 96-00 RAV4 2.0L	A
AF3398	80-88 TOYOTA TERCEL, COROLLA	D	AF4470	86-91 ACURA LEGEND, STERLING	C
AF3436	75-93 VOLVO 4 CYL 200 SERIES	D	AF4471	MAZDA 323, MERC CAPRI 4 CYL	F
AF3465	AUDI, CHRY, FORD ESCORT, VW	A	AF4472	86-87 MERC 190E 4 CYL 2.3L	F
AF3466	81-87 CHRY, DODGE, PLYMOUTH	F	AF4473	85-95 SUZUKI SAMURAI 4CYL	D
AF3467	PLYMOUTH, MITS, DODGE	D	AF4475	BENTLEY, ROLLS, VOLVO	D
AF3472	FORD, MERCURY TOPAZ	D	AF4479	CADILLAC, OLDS, BUICK	AA
AF3474	82-85 CHEVY, GMC TRUCKS	D	AF4485	88-90 PRELUDE 4 CYL 2.0L	F
AF3538	80-89 SUBARU CARS, TRUCKS	F	AF4486	88-91 PRELUDE 4 CYL 2.0L, 2.1L	F
AF3542	TOY LANDCRUISER, LEXUS LX450	D	AF4487	88-91 CIVIC, CRX, WAGOVAN	B
AF3558	BMW 325 E/I, IX, 528E	D	AF4490	88-92 PROBE, MAZDA MX-6, 626	C
AF3575	85 HONDA ACCORD SEI 4 CYL	F	AF4494	87-89 DODGE RAIDER, MONTERO	F
AF3576	85-89 ACURA, HONDA PANEL	F	AF4565	89-92 DODGE PICK-UP L6 5.9L	F
AF3587	76-87 JAG XJ6 6 CYL, LOTUS	F	AF4600	88-89 TOYOTA 4 CYL 2BL	D
AF3590	86 ON GM 4CYL, V6 PANEL	A	AF4601	88-91 CRLA, 90-93/00-05 CLCA	C
AF3591	CHRY, DODGE, PLYMOUTH 4 CYL.	D	AF4608	87-89 BUICK, OLDS, PONTIAC	F
AF3592	FORD, LINCOLN, MAZDA, MERC.	A	AF4609	88-90 DODGE DAKOTA, VAN	F
AF3593	FORD, MERCURY, LINCOLN	C	AF4610	88-93 DODGE PU D/W SERIES V6	F
AF3596	86-87 CAD. ELDORADO, SEVILLE	F	AF4613	GEO, SPRINT, SWIFT, METRO	C
AF4270	79-80 NISSAN 280ZX 6 CYL	F	AF4614	SPRINT, SWIFT (DOHC)	D
AF4272	81-85 MAZDA GLC 4 CYL	F	AF4616	87-89 SPECTRUM 1.5L, I-MARK	F
AF4273	81-82 TOYOTA STARLET 4 CYL	F	AF4622	05-11 JETTA 1.9L, 08-11 PASSAT	F
AF4274	80 TOY CRESS, 85-86 TOY MR2	F	AF4623	86-92 VW VANGON, 91-93 SAAB	F
AF4278	INFINITI, NISSAN, SUBARU	AA	AF4625	88-91 MZDA 929,89-91 MPV	C
AF4279	83-87 HONDA PRELUDE 4 CYL	F	AF4626	89-90 NISSAN PULSAR, SENTRA	D
AF4287	83-88 DODGE, MITS, PLYMOUTH	F	AF4629	88-96 ISUZU P-UP, RODEO (OEM)	F
AF4290	83-89 CHRY, DODGE, MITS, PLY	F	AF4630	87-90 MITS VAN 4 CYL, P-UP	D
AF4297	83-91 TOYOTA CAMRY (OEM)	B	AF4632	89-97 FORD THNDRBRD, COUGAR	C
AF4298	82-86 TOY CELICA, SUPRA, P-UP	F	AF4633	89-93 ALLANTE, REGAL, CUTLAS	C
AF4299	81-89 TOY CRESS, VANS, 4RUN	C	AF4635	83-87 VOLVO 760, 94-97 SAAB	F
AF4326	DODGE, PLYMOUTH COLT	F	AF4636	89-93 CHEVY BERETTA, CORSICA	D
AF4327	84-87 HONDA CIVIC, CRX, WAG	D	AF4642	90-93 ACURA INTEGRA 4 CYL	D
AF4328	84-85 HONDA ACCORD 4 CYL	F	AF4643	89-95 SUZUKI SIDEKICK 4 CYL	F
AF4338	CHEVY SPECTRUM 4 CYL, I-MARK	F	AF4645	89-00 TOY 4RUN, 95-04 TACOMA	A
AF4339	85-92 CHEVY CAMARO	D	AF4646	90-00 LEXUS LS400 V8 4.0L	C
AF4342	CAMARO, FIREBIRD, OLDS, BUICK	C	AF4647	87-98 SAAB 9000, 9000 TURBO	F
AF4343	85-11 FORD CR VIC, MERC GR MAR	A	AF4648	90-97 MIATA, PROTÉGÉ, 323	C
AF4346	85-90 REGAL, CALAIS, GRAND AM	D	AF4649	91-94 SATURN 4 CYL 1.9L (SOHC)	D
AF4347	GM PRODUCTS, V6 CARB, EI	D	AF4650	91-02 SATURN 4 CYL 1.9L (DOHC)	A
AF4349	81-92 AUDI, VW	F	AF4652	90-93 2.5L TURBO CHRY, DODGE	F
AF4355	85-89 ACCORD 2.0L FI (OEM)	C	AF4655	88-96 CORVETTE 350 (J CAR)	D
AF4356	86-89 ACCORD 2.0L CARB (OEM)	C	AF4656	91-93 CHEVY CAPRICE V8	B
AF4357	86-87 MAZDA 626 2.0L (OEM)	C	AF4669	98-04 NISSAN FRONTIER, XTERRA	A
AF4358	86-95 MAZDA RX7 FI TURBO	F	AF4675	90-96 NISS 300ZX, 00-02 TSURU	D
AF4361	TOY CRESS, MR2, SUPRA, 4RUN	B	AF4677	88-93 BMW 535I, 735I, 6 CYL	F
AF4362	83-95 VOLVO 740, 760 DIESEL	F	AF4678	87-88 BMW M5, 84-85 LINCOLN	F
AF4371	87 RENAULT ALLIANCE 2.0L	F	AF4679	89-93 FORD FESTIVA 1.3L FI	F
AF4372	DAKOTA, DURANGO, RAM, JEEP	AA	AF4680	90-93 ACCORD 4 CYL 2.2L	B
AF4375	DODGE, MITS, HYUN, PLYMOUTH	D	AF4681	86-93 MERC 260E, 300E	F

IFA PART#	GENERAL DESCRIPTION	POP CODE*	IFA PART#	GENERAL DESCRIPTION	POP CODE*
AF4682	87-93 MERC 190E 2.6L	D	AF5043	95-03 ECONOLINE TD 7.3L	C
AF4688	04-11 MAZDA3, 06-10,12 MZDA5	C	AF5047	95-98 DODGE 6 CYL 360 5.9L	D
AF4690	92-04 LEXUS, CAMRY, AVALON	AA	AF5048	95-00 CHRY, DODGE, PLYMOUTH	B
AF4691	04-07 CTS-V V8, 08-11 LR2	F	AF5049	95-03 MAZDA PROTÉGÉ 4CYL	B
AF4701	78-85 MERC 300 TURBO DIESEL	F	AF5050	94-04 MONTERO V6	C
AF4711	04-08 FORENZA, RENO 2.0L	C	AF5051	94-97 FORD ASPIRE 4 CYL	D
AF4712	TEMPO, TOPAZ, TAURUS, SABLE	B	AF5065	95-97 ACCORD V6, 97-99 3.0	C
AF4715	91-99 STEALTH, RAM 50 TRUCK	A	AF5076	95-99 HYUNDAI ACCENT 4CYL	D
AF4716	GEO STORM, IMPULSE, STYLUS	F	AF5077	93-97 KIA SEPHIA 4CYL	D
AF4717	91-99 TOYOTA TERCEL, PASEO	B	AF5078	93-97 LEXUS GS300 6CYL 3.0L	C
AF4720	SEBRING, STRTUS, VISTA, ECLIPSE	A	AF5089	97-06 JEEP WRANGLER, TJ	B
AF4721	92-04 RODEO, TROOPER, AXIOM	A	AF5090	96-02 CHEVY, GMC PICKUP	A
AF4722	93-02 COROLLA, PRIZM, MILLEN	A	AF5091	96-02 CHEVY, GMC PICKUP (H.D.)	B
AF4727	93-04 CHRKEE, 04-11 NISS, QX56	AA	AF5105	92-05 MISC BMW 6CYL	B
AF4729	04-06 SUZUKI XL-7 V6 2.7L	D	AF5106	94-97 BMW 318I 4CYL, 96-98 Z3	B
AF4730	92-01 HONDA PRELUDE 4CYL	C	AF5107	91-95 BMW 525I, M5 6CYL	F
AF4731	92-05 ASTRO, BLAZER, S10	AA	AF5108	95-98 VOLVO 850, C70 5CYL	C
AF4759	74-83 PORSCHE 911E, S, SC	F	AF5116	91-93 VW FOX 4CYL 1.8L	F
AF4767	87-89 NISSAN D21 PICKUP	F	AF5127	93-95 HYUNDAI SCOUPE 4CYL	F
AF4799	92-97 HONDA CIVIC, DEL SOL	B	AF5148	96-00 CIVIC, 96-97 DEL SOL	A
AF4807	90-01 INFINITI Q45 V8	C	AF5150	96-01 CIVIC, CR-V, 1.6EL	A
AF4808	91-98 ACURA LEGEND, 3.2TL V6	C	AF5155	97-02 ESCORT, 02-03 ZX2	B
AF4809	92-98 ACURA VIGOR, 2.5TL	D	AF5156	92-99 MERC. 400,500 SERIES	D
AF4819	93-97 CONCORD, VISION, LHS	C	AF5157	92-02 MERC. S600, SL600	F
AF4820	93 DODGE PICK-UP 5.9L TURBO	F	AF5192	97-04 EXPLRR, MZDA TRK, RNGR	AA
AF4823	91-94 FORD ECONOLINE 7.3L TD	F	AF5196	93-95 MERCEDES E320, 300E	F
AF4826	93-98 LINCOLN MARK 8	D	AF5202	MERCEDES 300D, E300D, 190D	F
AF4831	93-02 MERCURY VILGER, QUEST V6	A	AF5204	95-97 MERCEDES SL320 6 CYL	F
AF4832	93-97 FORD PROBE, MAZDA 626	C	AF5205	84-89 PORSCHE 911 6CYL	F
AF4837	92-02 DODGE VIPER V10	F	AF5206	96-04 ACURA 3.5L V6 RL	C
AF4838	94-02 RAM, 99-06 MERCEDES	C	AF5207	96-01 HYNDAL ELANTRA, TIBURON	C
AF4839	93-96 COLT, MIRAGE, SUMMIT	D	AF5209	88-94 RNGE RVR, 93-97 DFNDER	F
AF4849	92-96 MAZDA MX-3, PRECEDIA	F	AF5210	94-03 SAAB 900, 9-3 4CYL	D
AF4850	88-90 NISSAN VAN 4CYL 2.4L	F	AF5211	91-93 MERC 190E 2.3L 4 CYL FI	F
AF4852	85-89, 97-04 CORVETTE V8 5.7L	B	AF5218	96-97 ISUZU RODEO 4CYL 2.6L	F
AF4853	93-94 FORD TRUCK 7.3L TD PANEL	F	AF5219	99-04 TRACKER, 99-04 VITARA	B
AF4855	94-01 ACURA INTEGRA 4CYL	B	AF5220	95-02 SUZUKI ESTEEM 4CYL	D
AF4858	95-00 CONTOUR, MYSTIQUE 4 CYL	C	AF5224	90-93 MERC 300SL, 300CE	F
AF4859	95-02 CONTOUR, MYSTIQUE V6	C	AF5227	97-05 CHEVY, OLDS, PONTIAC	A
AF4862	98-04 VOLVO 70 SERIES 5CYL	C	AF5232	97-99 CADILLAC CATERA	D
AF4866	03-11 JAGUAR V8	D	AF5244	02-07 LANCER, 03-06 OUTLANDER	B
AF4868	06-09 SAAB 9-3 MODELS	F	AF5248	98-02 HONDA ACCORD 4 CYL	A
AF4869	92-98 SIDEKICK, TRACKER 4CYL	C	AF5249	98-03 HONDA ACCORD V6 3.2L	B
AF4873	94-99 ACCORD, ODYSSEY, OASIS	A	AF5252	94-99 DISCOVERY (ESR1445)	D
AF4877	94-04 MUSTANG, 98-00 CONTOUR	A	AF5257	98-02 MAZDA 626	C
AF4878	97-11 FORD TRK, VAN, 96-04 MUS	AA	AF5258	98-04 KIA SEPHIA 4CYL 1.8L	C
AF4879	95-98 EXPLORER, RANGER, WIND	A	AF5265	98-04 CNCRD, INTRPD, 300M, LHS	A
AF4880	94-09 BCK, CHV, CAD, OLDS, PONT	AA	AF5266	95-02 KIA SPORTAGE (AFKIA)	C
AF4881	94-98 SKYLK, BRITA, GRAND AM	B	AF5267	98-11 BEETLE, 99-06 GOLF, JETTA	A
AF4882	93-97 GEO PRIZM 4CYL	C	AF5272	99 FORD T.D. PANEL	C
AF4883	92-02 CHEVY, GMC TRUCK, VAN	C	AF5278	98-05 LEXUS GS300, IS300	B
AF4886	95-04 TACOMA, 92-00 SC3/400	A	AF5279	98-00 LXS GS400, 01-06 LS430	C
AF4995	94-99 VW GOLF, JETTA, GTI	C	AF5290	99-03 FORD WINDSTAR V6	C
AF5042	94-97 FORD TD V8 7.3L (OVAL)	C	AF5291	99 FORD SUPER DUTY V8 7.3L TD	C

AIR FILTERS

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IFA PART#	GENERAL DESCRIPTION	POP CODE*	IFA PART#	GENERAL DESCRIPTION	POP CODE*
AF5301	00-07 LINCOLN LS, JAG S-TYPE	B	AF5437	97-06 PORSCHE BOXSTER V6	F
AF5303	97-04 MITSUBISHI DIAMONTE	C	AF5440	01-09 VOLVO S60, V70, XC 5CYL	C
AF5304	99-05 MAZDA MIATA MX-5	D	AF5442	92-05 MISC BMW 6 CYL	F
AF5305	98-10 4RUN, SEQUOIA, LEXUS 470	AA	AF5443	01-04 MERC SLK, 04-08 CROSSFR	D
AF5306	00-06 DODGE NEON, SX 4CYL	B	AF5444	05-06 CRSSFRE, 02-04 C32, SLK	F
AF5314	99-11 CHEVY, GMC, 02-11 CAD	AA	AF5446	00-03 FORD F-SERIES TD V8	A
AF5322	99-04 FORD 5.4L SVT, 05-06 GT	C	AF5449	02-10 LEXUS SC430, 01-11 GS	C
AF5323	00-11 TARUS, TRBTE, SBLE, ESCP	AA	AF5451	01-03 ACURA 3.2CL (TYPE-S)	D
AF5324	00-04 FORD FOCUS 4CYL	B	AF5452	01-02 MERCEDES CL6000, S600	F
AF5330	99-09 BUICK, CHEVY, PONTIAC	A	AF5454	94-06 H-1 AIR FILTER V8	F
AF5352	99-01 HONDA ODYSSEY V6 3.5L	C	AF5456	02-06 HONDA CRV, CIVIC, RSX	A
AF5353	99-06 MISC SUBARU	B	AF5457	02-09 A4, AVANT, CABRIOLET	D
AF5358	99-09 SAAB 9-5	F	AF5458	00-03 E320 MERCEDES	D
AF5359	00-05 SATURN L SERIES	B	AF5461	02-06 MINI COOPER 4CYL 1.6L	D
AF5362	00-05 HONDA S2000 4CYL	F	AF5462	02-11 DODGE RAM PICKUP	A
AF5363	00-06 TOYOTA ECHO, 03-07 SCION	B	AF5463	03-08 VIBE, TOY, 05-10 SCION TC	AA
AF5367	98-02 DAEWOO LEGANZA 4CYL	D	AF5467	02-08 JAG X TYPE 2.5L, 3.0L 24V	D
AF5368	98-02 DAEWOO LANOS 4CYL	D	AF5468	03-09 CRWN VCTR, 03-04 MARDR	D
AF5369	99-02 DAEWOO NUBIRA 4CYL	D	AF5469	01-02 SAAB 9-3 4CYL	F
AF5370	00-06 MPV, 03-08 MAZDA 6	B	AF5470	98-09 MERC C, CLK, ML, SLR	C
AF5372	00-05 PT CRUISER 4CYL 2.4L	A	AF5485	00-03 FORD T.D. V8 444 7.3L	D
AF5373	99-06 HYUN SONATA, KIA OPTM	B	AF5488	02-04 JEEP GRAND CHEROKEE 4.7L	C
AF5374	00-04 VOLVO S40, V40 1.9L	D	AF5489	02-05 FORD EXPLORER SPORT	D
AF5375	99-06 VOLVO S80	D	AF5496	02 SUZUKI AERIO 2.0L	D
AF5378	94-02 DODGE RAM TD 6CYL	B	AF5497	03-07 CAD CTS V6	C
AF5379	99-03 MERCEDES CLK430 4.3L V8	F	AF5499	02-04 HONDA ODYSSEY V6	B
AF5380	98-06 JAGUAR XJ8, XK8, XJR	D	AF5503	03-07 ACCORD 4CYL, 04-08 TSX	A
AF5381	95-05 DISCVRY, RNGE RVR, FREE	C	AF5507	03-05 HONDA ACCORD V6	B
AF5387	01-06 HYUNDAI SANTA FE	B	AF5512	03-08 DODGE T.D., SRT-10	A
AF5392	00-07 HONDA INSIGHT 3CYL ELEC	D	AF5513	03-05 SATURN ION 2.2L, 2.0L	B
AF5393	01-03 TOYOTA PRIUS 4CYL ELEC	C	AF5517	03-09 KIA SORENTO	C
AF5394	01-05 XG300, 350, 04-06 KIA	C	AF5521	04-08 CHRYSLER PACIFICA	B
AF5395	01-09 ELANTRA, TIBRN, SPECTRA	A	AF5525	03-08 MAZDA 6 3.0L, 07-11 CX7	C
AF5396	01-07 CRVAN, T&C, 01-03 VOYGR	A	AF5528	04-08 FORD F150 5.4L, 05-08 NAV	AA
AF5397	01-05 HONDA CIVIC 4CYL 1.7L	A	AF5534	04-11 ENDVR, ECLIPSE, GALANT	B
AF5398	01-05 TOYOTA RAV4 4CYL	B	AF5535	03-07 FORD S.D. 6.0L D.I. TD V8	A
AF5400	01-11 EXPRESS, SAVANA VANS	A	AF5538	03-05 HONDA CIVIC HYBRID 1.3L	C
AF5403	01-06 ACRA MDX, 03-08 PILOT V6	B	AF5539	03-06 SPRINTER VAN 5CYL 2.7L	D
AF5405	01-06 SEBRING, STRATUS	B	AF5540	02-06 INFINITI Q45, 03-08 FX45	D
AF5406	98-04 MERC SLK230 4CYL 2.3L	F	AF5546	04-11 TOUAREG, 03-11 CAYENNE	D
AF5407	91-05 ACURA NSX V6	D	AF5547	99-07 PORSCHE CARRERA	F
AF5410	01-06 MITSUBISHI MONTERO	C	AF5548	04-06 VW PHAETON V8, W12	F
AF5414	02-07 LBRTY, 05-10 CHEROKEE	A	AF5552	04-06 PONTIAC GTO V8 5.7L, 6.0L	D
AF5418	02-10 FORD EXPLR, MERC MNTNR	A	AF5553	04-09 DURANGO, 07-09 ASPEN	B
AF5419	90-92 MERCEDES 500SL	F	AF5554	02-06 MINI COOPER S 1.6L 4CYL	D
AF5420	00-05 HYUNDAI ACCENT 4CYL	B	AF5555	04-06 SUZUKI VERONA	D
AF5421	00-05 KIA RIO 4CYL	C	AF5556	04-07 COLORADO, 06-07 H3	B
AF5424	98-02 MERCEDES 24V	F	AF5557	04-11 MAZDA RX8	D
AF5427	01-02 HYUNDAI ACCENT 4CYL	D	AF5558	02-05 BMW 745, 03-08 750, 760	F
AF5431	06-11 LUCERNE, 08-11 MALIBU	A	AF5560	05-11 300, DODGE MAGNM, CHRGR	A
AF5432	01-11 CAMRY, HIGHLNDR, LEXUS	AA	AF5565	04-10 FRD ECONOLINE SUPER DUTY	C
AF5433	02-09 TRLBLZR, ENVOY, RAINIER	A	AF5566	05-07 FORD 500, FREESTYLE	B
AF5434	02-06 KIA SEDONA V6	C	AF5567	05-11 FORD, MAZ, MERC HYBRIDS	C
AF5435	02-06 JEEP LIBERTY, WRANGLER	D	AF5568	05-10 FORD MUSTANG	B

IFA PART#	GENERAL DESCRIPTION	POP CODE*	IFA PART#	GENERAL DESCRIPTION	POP CODE*
AF5569	05-08 FORD SUPER DUTY V10 6.8L	C	AF5707	05-10 COBALT, 05-10 PONT G5	B
AF5578	03-09 4RUN, 05-11 TACOMA	A	AF5775	08-11 FORD FOCUS	D
AF5582	06-11 FUSION, MERC MILAN 4CYL	C	AF5779	07-11 ELANTRA, 10 KIA FORTE	D
AF5583	06-11 FUSION, MERC MILAN V6	C	AF5780	07-09 HONDA CRV 4CYL 2.4L	C
AF5584	05-09 TUCSON, 05-10 SPORTAGE	C	AF5781	07-11 ACURA MDX V6 3.7L	D
AF5585	05-08 RL, 04-06 TL, 06-07 ACRD	C	AF5783	06-07 SATURN ION 2.2, 2.4L	C
AF5587	03-07 SUZUKI AERIO 2.0L, 2.3L	D	AF5786	07-11 LEXUS LS460, LS600H	F
AF5588	04-11 AVEO, 09 PONTIAC G3	C	AF5787	07-08 ACURA TL 3.2, 3.5L	D
AF5589	03-06 HYUNDAI SANTA FE V6 3.5L	C	AF5789	08-11 LANCER, OUTLANDER	D
AF5591	06-09 CAD XLRV, 05-07 CORVETTE	D	AF5790	06-10 M45 V8 4.5L	D
AF5592	05-11 SUBARU LEGACY, OUTBACK	B	AF5791	07-09 KIA AMANTI 3.8L	F
AF5594	05-10 PONT G6, 06-08 MALIBU	C	AF5792	06-10 INFINITI M35 3.5L	D
AF5595	03-10 HUMMER H2	C	AF5793	06-11 MAZDA MX-5 MIATA 2.0L	D
AF5596	05-11 VW JETTA, GOLF, RABBIT	D	AF5794	07-09 PONT SOLSTICE, SATRN SKY	F
AF5601	06-10 HYUNDAI SONATA 2.4L	C	AF5796	06-11 BMW 325, 328, 330 3.0L	F
AF5602	06-10 SONATA 3.3L, 06-11 AZERA	C	AF5798	06-11 IS250, IS350, 07-11 GS350	C
AF5603	06-11 IMPALA, 05-08 MNTE CRLO	B	AF5799	07-11 TUNDRA 5.7L, 08-11 LX570	C
AF5604	06-11 CHEVY HHR	C	AF5800	06-09 SOLSTICE, 07-10 SAT SKY	F
AF5616	04-05 BMW 545I, 645C V8 4.4L	F	AF5801	06-08 SUZUKI GRAND VITARA 2.7L	D
AF5620	06-08 BMW Z4, 08-11 528I	F	AF5802	07-09 SUZUKI SX4 4CYL	F
AF5622	05-11 VW JETTA 4CYL 1.9L T.D.	F	AF5804	06-11 HIGH HYB, 06-09 RX400H	C
AF5625	05-11 TOY TACOMA 4CYL 2.7L	B	AF5816	07-11 HYUNDAI VERACRUZ 3.8L	D
AF5626	06-10 VW PASSAT, 03-11 AUDI	F	AF5819	07-11 JEEP WRANGLER 3.8L	D
AF5629	05-10 AUDI A8 4.2L	F	AF5820	08-09 SATURN VUE, VUE HYBRID	D
AF5631	03-09 LANDROVER RANGEROVER V8	D	AF5822	08-11 CHVY COLRDO, CANYON, H3	D
AF5632	05-09 LR3, 06-09 RANGE ROVER	F	AF5823	07-11 SPRINTER VAN 2500, 3500	F
AF5633	06-10 FORD EXPLORER, MERC MNT	C	AF5824	07-08 G35, 08-11 G37, EX35	D
AF5634	06-10 PT CRUISER 4CYL 148 2.4L	B	AF5826	08 AUDI TT, 07-11 VW EOS	D
AF5635	07-10 CALIBR, COMPSS, PATRIOT	C	AF5833	07-09 HYUN SANTA FE 2.7, 3.3L	D
AF5638	06-11 POWERCORE 6.6L DURAMAX	B	AF6061	09-11 ACURA TSX 4CYL 2.4L	F
AF5642	07-11 FORD EXPD, 08-11 F-SERIES	B	AF6067	96-98 EXPLORER, 97 MERC MNT	C
AF5645	03-05 VOLVO XC70, 03-06 XC90	D	AF6306	06-11 CIVIC 2.0L, 07-11 ELEMENT	C
AF5647	06-11 KIA RIO, 06-11 HYUN ACCNT	C	AF6308	08-11 ACCORD 3.5L, 09-11 TL	D
AF5649	07-11 CAMRY 4CYL, 09-11 VENZA	A	AF6309	08-11 HONDA ACCORD 2.4L	D
AF5650	05-11 AVALON, 07-11 CAMRY V6	B	AF6310	05-07 HONDA ACCORD HYBRID	F
AF5651	05-10 HONDA ODYSSEY V6 3.5L	B	AF6312	07-11 ACURA RDX 2.3L	F
AF5652	06-11 HONDA CIVIC HYBRID 1.3L	C	AF6313	07-11 OUTLOOK, ACADIA, ENCLAVE	D
AF5653	06-11 HONDA CIVIC 1.8L	A	AF6314	07-11 DODGE RAM 6.7L DIESEL	D
AF5655	06-11 YARIS, 08-11 SCION XD	C	AF7039	93-05 AUDI, BMW, VW	B
AF5656	06-11 HONDA RIDGELINE V6 3.5L	C	AF7058	92-96 VW EUROVAN 5CYL	F
AF5657	07-08 HONDA FIT 4CYL 1.5L	C	AF7327	94-97 MERCEDES C CLASS	D
AF5669	07-11 NISSAN VERSA, 09-11 CUBE	C	AF7492	04-11 VOLVO S40, V50, C30, C70	D
AF5670	07-11 DDGE NITRO, 08-11 LIBERTY	C	AF7698	96-02 MERCEDES E320, 420, 430	D
AF5671	06-11 MAGENTIS, OPTIMA, RONDO	D	AF7765	96-01 BMW750, 01-06 BMW X5	D
AF5672	07-10 SBRNG, 09-10 T&C, AVNGR	D	AF7859	97-03 VW EUROVAN	F
AF5673	06-11 KIA SEDNA, 07-09 ENTOUR	C	AF-S2000	06-07 HONDA S2000	F
AF5689	99-03 FORD T.D. V8 444 7.3L (F)	D	AF-TRIBECA	08 SUBARU TRIBECA	F
AF5696	06-11 CHEVY, GMC VAN 6.6L TD	F	CA7335	92-93 MERCEDES 300SE	F
AF5697	08-10 FORD 6.4L T.D.	C	CA8768	00-01 CL500, ML55, S430, S500	F
AF5698	04-09 TOYOTA PRIUS 1.5L	B	ESR341	95-96 RANGE ROVER 4.0 SE	F
AF5699	07-11 EDGE, TARUS, LINC MKX, Z	C	FA1800	MOTORCRAFT ONLY - AF5314	AA
AF5700	05-11 FRONTIER, 09-11 EQUATOR	C	LAF5980	CHAMP FILTER ONLY - AF5512	A
AF5701	07-11 NISSAN SENTRA 2.0L	C			
AF5703	07-11 NISSAN ALTIMA & HYBRID	C			

AIR FILTER QUICK CROSS REFERENCE

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AIR FILTER QUICK CROSS REFERENCE							
CA3914	AF4852	CA4966	AF4623	CA6541	AF4490	CA7337	AF5157
CA3915	AF4339	CA5032	AF113	CA6543	AF4486	CA7344	AF4720
CA3916	AF3590	CA5033	AF83	CA6544	AF4600	CA7351	AF4690
CA3924	AF4347	CA5056	AF4343	CA6545	AF4409	CA7365	AF4712
CA3930	AF4337	CA5057	AF3593	CA6546	AF4629	CA7368	AF4849
CA3943	AF4332	CA5058	AF3592	CA6547	AF4616	CA7369	AF4730
CA3945	AF2923	CA5125	AF4601	CA6548	AF4297	CA7403	AF4853
CA3997	AF4357	CA5350	AF5105	CA6549	AF3587	CA7414	AF4819
CA3998	AF4473	CA5436	AF4862	CA6555	AF4632	CA7417	AF4721
CA4235	AF5209	CA5466	AF4722	CA6558	AF4625	CA7420	AF4873
CA4237	AF4644	CA5522	AF5252	CA6559	AF4677	CA7421	AF4731
CA4244	AF17	CA5539	AF47327	CA6575	AF4652	CA7426	AF4832
CA4275	AF3327	CA5595	AF5049	CA6576	AF4652	CA7430	AF4820
CA4282	AF4274	CA5687	AF5220	CA6581	AF5208	CA7431	AF4995
CA4296	AF4273	CA6300	AF3217	CA6584	AF3191	CA7432	AF5048
CA4303	AF270	CA6301	AF3579	CA6586	AF4683	CA7438	AF5042
CA4309	AF4278	CA6302	AF3575	CA6588	AF5205	CA7440	AF4727
CA4311	AF4276	CA6304	AF4355	CA6619	AF4626	CA7597	AF4880
CA4318	AF4270	CA6305	AF4356	CA6625	AF4636	CA7598	AF4881
CA4320	AF4272	CA6306	AF4328	CA6626	AF4633	CA7600	AF4855
CA4325	AF3467	CA6308	AF4470	CA6629	AF4565	CA7605	AF5050
CA4335	AF3141	CA6309	AF4304	CA6664	AF4643	CA7608	AF5127
CA4341	AF3582	CA6333	AF4487	CA6690	AF4645	CA7614	AF5043
CA4346	AF4283	CA6334	AF4609	CA6807	AF4680	CA7617	AF4869
CA4348	AF3578	CA6358	AF4371	CA6821	AF4646	CA7620	AF4838
CA4358	AF4761	CA6359	AF1149	CA6824	AF4625	CA7623	AF5196
CA4365	AF3436	CA6362	AF4375	CA6828	AF4648	CA7626	AF4886
CA4369	AF3583	CA6363	AF4494	CA6843	AF5224	CA7628	AF4831
CA4370	AF3383	CA6365	AF4678	CA6844	AF5419	CA7630	AF4839
CA4372	AF4290	CA6366	AF4378	CA6845	AF3472	CA7640	AF5378
CA4380	AF4327	CA6367	AF4379	CA6849	AF4807	CA7651	AF7039
CA4381	AF3576	CA6369	AF4624	CA6850	AF4669	CA7666	AF4826
CA4383	AF4471	CA6370	AF4380	CA6852	AF4767	CA7669	AF5077
CA4384	AF3577	CA6371	AF3194	CA6867	AF4679	CA7730	AF4877
CA4415	AF4762	CA6372	AF4321	CA6868	AF5202	CA7737	AF4859
CA4521	AF3087	CA6373	AF3596	CA6870	AF4682	CA7738	AF4858
CA4535	AF4349	CA6375	AF1104	CA6900	AF4675	CA7755	AF5051
CA4540	AF4362	CA6376	AF4613	CA6931	AF4850	CA7764	AF5150
CA4567	AF4635	CA6377	AF4614	CA6937	AF4642	CA7774	AF4879
CA4568	AF4475	CA6381	AF4358	CA6938	AF4769	CA7775	AF5076
CA4569	AF4763	CA6384	AF1712	CA6940	AF5203	CA8004	AF4878
CA4576	AF3558	CA6385	AF4472	CA7007	AF4655	CA8007	AF5106
CA4767	AF3586	CA6388	AF4671	CA7017	AF4656	CA8009	ESR341
CA4778	AF4297	CA6389	AF4630	CA7094	AF4650	CA8010	AF4882
CA4779	AF4279	CA6391	AF4481	CA7096	AF4823	CA8013	AF5116
CA4828	AF3466	CA6392	AF4496	CA7098	AF4649	CA8014	AF5108
CA4830	AF4299	CA6393	AF4647	CA7142	AF4715	CA8033	AF5065
CA4831	AF4287	CA6395	AF4468	CA7167	AF4717	CA8037	AF5091
CA4871	AF4764	CA6396	AF4275	CA7174	AF4799	CA8038	AF5090
CA4938	AF4338	CA6478	AF4608	CA7224	AF4808	CA8039	AF4878
CA4939	AF4361	CA6479	AF4479	CA7245	AF5211	CA8040	AF5148
CA4940	AF4467	CA6491	AF4610	CA7246	AF5107	CA8041	AF5148
CA4958	AF4327	CA6530	AF3542	CA7284	AF4809	CA8042	AF4712
CA4964	AF4681	CA6539	AF4485	CA7336	AF5156	CA8052	AF5220
						CA8760	AF5352

Use the following charts from pages 24 - 35 to quickly find the cross reference to many popular interchanges in their **NUMERIC ORDER**

To the right of each part# is the **IFA PART#**, which can be used to reference pages 18 - 22 to see a generic description of the part and its popularity

In addition, each part# is **COLOR-CODED** based on its popularity to help immediately identify the needs of your business (use the key below to determine each part#'s sales group)

SAVE TIME AND MONEY BY ONLY STOCKING THE INVENTORY AND QUANTITIES YOU NEED!

29	AF4565	CA7605	AF5050	CA8188
64	AF4643	CA7608	AF5127	CA8205
90	AF4645	CA7614	AF5043	CA8208
07	AF4680	CA7617	AF4869	CA8209
21	AF4646	CA7620	AF4838	CA8220
24	AF4625	CA7623	AF5196	CA8221
28	AF4648	CA7626	AF4886	CA8225
43	AF5224	CA7628	AF4831	CA8238
44	AF5419	CA7630	AF4839	CA8243
45	AF3472	CA7640	AF5378	CA8269
49	AF4807	CA7651	AF7039	CA8295
50	AF4669	CA7666	AF4826	CA8331
52	AF4767	CA7669	AF5077	CA8473



Top 15 numbers
 Next 46 numbers
 Next 59 numbers
 Next 108 numbers
 Next 119 numbers
 Last 152 numbers

KEY TO POPULARITY CODES*

AA - 44% OF SALES
A - 32% OF SALES
B - 14% OF SALES
C - 7% OF SALES
D - 2% OF SALES
F - 1% OF SALES

* POP CODE RATING IS BASED ON NATIONAL SALES DATA COMPILED BY INTERNATIONAL FILTERS AND MAY DIFFER FROM BUSINESS TO BUSINESS


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AIR FILTER QUICK CROSS REFERENCE

CHAMP		AF331	AF89	AF661	AF4279	AF1641	AF6067	AF3954	AF5595
AF4	AF4	AF332	AF93	AF662	AF4328	AF1643	AF5155	AF3955	AF5468
AF50A	AF83	AF342	AF4274	AF663	AF4327	AF1658	AF5192	AF3956	AF5553
AF52	AF90	AF348	AF91	AF664	AF4326	AF1679	AF5301	AF3957	AF5538
AF92	AF110	AF350	AF4623	AF665	AF4356	AF1682	AF5322	AF3958	AF5534
AF97	AF113	AF351	AF4468	AF697	AF3181	AF1688	AF5324	AF3959	AF5578
AF109	AF103	AF355	AF3558	AF734	AF3137	AF1695	AF5418	AF3960	AF5589
AF109	AF118	AF357	AF4635	AF735	AF3138	AF1696	AF5323	AF3961	AF5557
AF115	AF50	AF358	AF4299	AF736	AF3149	AF1744	AF5489	AF3963	AF5555
AF132	AF59	AF359	AF4361	AF74A	AF99	AF1754	AF5528	AF3965	AF5620
AF133	AF68	AF360	AF4297	AF753	AF3384	AF1869	AF5565	AF3966	AF4868
AF135	AF3	AF363	AF4355	AF756	AF3198	AF1890	AF5775	AF3974	AF4688
AF137	AF3217	AF366	AF3576	AF773	AF3195	AF2014	AF5433	AF3975	AF5588
AF141	AF3538	AF367	AF4470	AF785	AF3380	AF2340	AF5513	AF3976	AF5552
AF142	AF3398	AF368	AF3542	AF826	AF3474	AF2441	AF5517	AF3977	AF5587
AF146	AF52	AF370	AF4467	AF875	AF4346	AF2442	AF5645	AF3978	AF4866
AF148	AF57	AF371	AF4600	AF898	AF4629	AF2548	AF5488	AF3981	AF4711
AF178	AF67	AF372	AF4601	AF905	AF4347	AF2771	AF5566	AF3982	AF7492
AF184	AF45	AF374	AF3575	AF917	AF4852	AF2780	AF5633	AF3983	AF5698
AF212	AF74	AF375	AF4338	AF918	AF4339	AF2782	AF5569	AF3984	AF5592
AF228	AF4678	AF377	AF4701	AF925	AF4342	AF2785	AF5582	AF3989	AF5444
AF230	AF4677	AF381	AF4472	AF928	AF3596	AF2786	AF5583	AF3991	AF4729
AF232	AF4485	AF383	AF4362	AF971	AF3472	AF2883	AF5642	AF3992	AF5651
AF233	AF4486	AF385	AF3141	AF974	AF3590	AF2884	AF5699	AF3993	AF5584
AF234	AF4487	AF386	AF4409	AF1031	AF3465	AF2944	AF2944	AF3994	AF5625
AF235	AF4616	AF389	AF3327	AF1032A	AF4343	AF2956	AF5707	AF3996	AF5650
AF241	AF4490	AF390	AF1708	AF1042	AF3593	AF2959	AF5696	AF3997	AF5700
AF247	AF4681	AF396	AF4759	AF1043	AF3592	AF2962	AF5603	AF3998	AF5798
AF248	AF4682	AF399	AF5205	AF1046	AF4378	AF3054	AF5604	AF4000	AF5602
AF252	AF4375	AF401	AF4609	AF1048	AF4379	AF3076	AF5800	AF4001	AF5601
AF253	AF4630	AF404	AF4610	AF1061	AF4632	AF3083	AF6313	AF4002	AF5656
AF254	AF3087	AF407	AF4371	AF1064	AF4679	AF3084	AF5794	AF4003	AF5647
AF261	AF15	AF409	AF2318	AF1088	AF4608	AF3095	AF5822	AF4004	AF5804
AF277	AF4494	AF411	AF4298	AF1096	AF4479	AF3216	AF5503	AF4007	AF5783
AF279	AF4357	AF412	AF4647	AF1096	AF5330	AF3245	AF5507	AF4008	AF5653
AF280	AF4471	AF415	AF4613	AF1097	AF4655	AF3587	AF5435	AF4009	AF5801
AF289	AF4626	AF432	AF4380	AF1111	AF4636	AF3588	AF5414	AF4010	AF5792
AF293	AF4278	AF522	AF4614	AF1129	AF4633	AF3589	AF5434	AF4011	AF5634
AF294	AF4475	AF524	AF4358	AF1135	AF4656	AF3590	AF5462	AF4012	AF5635
AF296	AF4349	AF539	AF1104	AF1236	AF4883	AF3591	AF5467	AF4014	AF5673
AF297	AF3436	AF545	AF4625	AF1279	AF5227	AF3592	AF6306	AF4015	AF5655
AF299	AF1149	AF574	AF120	AF1300	AF5090	AF3593	AF5457	AF4017	AF5649
AF300	AF3465	AF584	AF124	AF1301	AF5091	AF3594	AF5431	AF4019	AF5657
AF302	AF70	AF600	AF3466	AF1518	AF1518	AF3595	AF5463	AF4020	AF5652
AF305	AF84	AF601	AF3193	AF1518	AF5314	AF3598	AF5568	AF4021	AF5833
AF307	AF16	AF602	AF3192	AF1519	AF5314	AF3601	AF5567	AF4022	AF5671
AF308	AF4270	AF603	AF4272	AF1606	AF5051	AF3895	AF5525	AF4023	AF5669
AF317	AF4273	AF604	AF3467	AF1612	AF4858	AF3897	AF5626	AF4025	AF5819
AF322	AF4853	AF607	AF4290	AF1613	AF4859	AF3899	AF5802	AF4027	AF5780
AF328	AF4473	AF608	AF4287	AF1615	AF1615	AF3904	AF5560	AF4028	AF6312
AF329	AF92	AF611	AF3591	AF1615	AF4878	AF3905	AF5461	AF4029	AF5701
		AF633	AF3196	AF1618	AF5043	AF3906	AF5554	AF4030	AF5703
		AF640	AF129	AF1623	AF4691	AF3933	AF5546	AF4031	AF5799
		AF641	AF131	AF1624	AF5556	AF3949	AF5596	AF4033	AF5779

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AF4034	AF5789	AF7874	AF4877	AF7963	AF5232	LAF5980	AF5512	CA3524	AF16	
AF4042	AF5820	AF7875	AF4855	AF7964	AF5363	LAF5980	LAF5980	CA3527	AF45	
AF4044	AF6309	AF7876	AF5050	AF7965	AF5353	LAF6122	AF5689	CA3536	AF3137	
AF4045	AF6308	AF7877	AF4372	AF7966	AF5392	LAF8996	AF5539	CA3537	AF3138	
AF4519	AF5127	AF7878	AF5378	AF7967	AF5368	LAF9096	AF5446	CA3544	AF4759	
AF4633	AF5499	AF7879	AF5048	AF7968	AF5369			CA3549	AF3384	
AF5028	AF5823	AF7880	AF4873	AF7969	AF5367				CA3559	AF3192
AF5099	AF5496	AF7881	AF5077	AF7971	AF5470				CA3566	AF3398
AF5191	AF5521	AF7882	AF4879	AF7971	AF7327				CA3588	AF3195
AF5848	AF5380	AF7883	AF5107	AF7972	AF5379		CA133	AF68	CA3597	AF3193
AF5857	AF5278	AF7884	AF7039	AF7973	AF7765	CA136	AF74	CA3602	AF3198	
AF5858	AF5252	AF7885	AF5105	AF7974	AF5420	CA146	AF52	CA3621	AF3538	
AF7033	AF5558	AF7885	AF5442	AF7975	AF5372	CA148	AF57	CA3647	AF3380	
AF7816	AF4645	AF7886	AF5157	AF7976	AF5421	CA160	AF4	CA3660	AF3465	
AF7819	AF4716	AF7887	AF5156	AF7977	AF5451	CA184	AF45	CA3681	AF3474	
AF7820	AF4565	AF7888	AF7327	AF7978	AF5393	CA187	AF50	CA3685	AF83	
AF7821	AF4652	AF7891	AF5065	AF7980	AF5407	CA189	AF59	CA3688	AF4298	
AF7823	AF4675	AF7892	AF4722	AF7981	AF5405	CA192	AF67	CA3717	AF3472	
AF7824	AF4642	AF7893	AF5049	AF7982	AF5387	CA303	AF90	CA3725	AF4701	
AF7825	AF4669	AF7894	AF5220	AF7983	AF5394	CA305	AF84	CA3814	AF3591	
AF7826	AF4648	AF7905	AF5207	AF7984	AF5396	CA324A	AF83	CA3873	AF4349	
AF7827	AF4646	AF7906	AF4838	AF7985	AF5440	CA325	AF93	CA3901	AF4372	
AF7828	AF4680	AF7907	AF5206	AF7986	AF5458	CA326	AF91	CA3902	AF4342	
AF7831	AF4807	AF7908	AF5148	AF7988	AF5410	CA327	AF92	CA3903	AF4346	
AF7832	AF4717	AF7909	AF5076	AF7989	AF5381	CA328	AF89	CA3914	AF4852	
AF7833	AF4715	AF7910	AF5089	AF7990	AF5397	CA338	AF124	CA3915	AF4339	
AF7834	AF5116	AF7911	AF5219	AF7991	AF5398	CA340A	AF99	CA3916	AF3590	
AF7835	AF4649	AF7912	AF5108	AF7992	AF5449	CA347	AF2318	CA3924	AF4347	
AF7836	AF4650	AF7913	AF5150	AF7993	AF5406	CA349	AF110	CA3945	AF2923	
AF7837	AF4643	AF7914	AF5244	AF7996	AF5400	CA351	AF113	CA3997	AF4357	
AF7838	AF4809	AF7915	AF5218	AF7997	AF5443	CA352	AF103	CA3998	AF4473	
AF7839	AF4808	AF7916	AF5303	AF7998	AF5403	CA353	AF110	CA4235	AF5209	
AF7841	AF4690	AF7917	AF5265	AF7999	AF5395	CA368	AF103	CA4275	AF3327	
AF7842	AF4799	AF7918	AF5257	AF8140	AF5204	CA376	AF3542	CA4282	AF4274	
AF7843	AF4720	AF7919	AF5248	AF8191	AF5106	CA381	AF120	CA4296	AF4273	
AF7845	AF4727	AF7920	AF5249	AF8248	AF5266	CA388	AF2923	CA4303	AF70	
AF7849	AF4995	AF7935	AF5267	AF8267	AF5210	CA568	AF3196	CA4309	AF4278	
AF7854	AF4712	AF7937	AF5304	AF8309	AF5196	CA643	AF110	CA4318	AF4270	
AF7856	AF4823	AF7938	AF5305	AF8337	AF5419	CA2709A	AF118	CA4320	AF4272	
AF7857	AF4831	AF7941	AF7698	AF8382	AF5211	CA2719A	AF124	CA4325	AF3467	
AF7858	AF4832	AF7943	AF5279	AF8837	AF6314	CA2719B	AF124	CA4335	AF3141	
AF7859	AF4721	AF7944	AF5258	AF9007	AF5427	CA2740	AF16	CA4365	AF3436	
AF7861	AF4839	AF7945	AF5224	AF9010	AF5432	CA2778	AF103	CA4372	AF4290	
AF7862	AF4819	AF7946	AF5306	AF9098	AF5456	CA3159	AF1708	CA4380	AF4327	
AF7863	AF4731	AF7948	AF7859	AF9546	AF5497	CA3300	AF124	CA4381	AF3576	
AF7865	AF4882	AF7949	AF5375	LAF388	AF2923	CA3373	AF1149	CA4383	AF4471	
AF7866	AF5078	AF7950	AF4837	LAF1617	AF5042	CA3379	AF1149	CA4521	AF3087	
AF7867	AF4886	AF7953	AF5370	LAF1646	AF5535	CA3424	AF129	CA4535	AF4349	
AF7868	AF4730	AF7954	AF5359	LAF1675	AF5272	CA3425	AF131	CA4540	AF4362	
AF7869	AF4849	AF7957	AF5362	LAF1680	AF5291	CA3490	AF15	CA4567	AF4635	
AF7870	AF4869	AF7958	AF5352	LAF1741	AF7058	CA3492	AF3181	CA4568	AF4475	
AF7871	AF4826	AF7959	AF5373	LAF1921	AF4820	CA3497	AF3	CA4576	AF3558	
AF7872	AF4880	AF7960	AF5469	LAF2947	AF5638	CA3501	AF2923	CA4778	AF4297	
AF7873	AF4881	AF7961	AF5358	LAF3953	AF5454	CA3523	AF3149	CA4779	AF4279	

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CA4828	AF3466	CA6539	AF4485	CA7351	AF4690	CA8052	AF5220	CA8756	AF5314
CA4830	AF4299	CA6541	AF4490	CA7365	AF4712	CA8067	AF4721	CA8756	AF1518
CA4831	AF4287	CA6543	AF4486	CA7368	AF4849	CA8068	AF5218	CA8760	AF5352
CA4938	AF4338	CA6544	AF4600	CA7369	AF4730	CA8069	AF5219	CA8766	AF5373
CA4939	AF4361	CA6545	AF4409	CA7403	AF4853	CA8071	AF7698	CA8767	AF5470
CA4940	AF4467	CA6546	AF4629	CA7414	AF4819	CA8080	AF7039	CA8768	CA8768
CA4958	AF4327	CA6547	AF4616	CA7417	AF4721	CA8086	AF4878	CA8794	AF5379
CA4964	AF4681	CA6548	AF4297	CA7420	AF4873	CA8086	AF1615	CA8801	AF5290
CA4966	AF4623	CA6549	AF3587	CA7421	AF4731	CA8093	AF4837	CA8805	AF5306
CA5032	AF113	CA6555	AF4632	CA7426	AF4832	CA8094	AF5078	CA8817	AF5414
CA5033	AF83	CA6558	AF4625	CA7430	AF4820	CA8095	AF7327	CA8911	AF5397
CA5056	AF4343	CA6559	AF4677	CA7431	AF4995	CA8097	AF5204	CA8918	AF5305
CA5057	AF3593	CA6575	AF4652	CA7432	AF5048	CA8098	AF4635	CA8922	AF5370
CA5058	AF3592	CA6576	AF4652	CA7438	AF5042	CA8099	AF5210	CA8925	AF5291
CA5125	AF4601	CA6581	AF5208	CA7440	AF4727	CA8121	AF5266	CA8956	AF5301
CA5214	AF4326	CA6588	AF5205	CA7597	AF4880	CA8127	AF4883	CA8958	AF5322
CA5350	AF5105	CA6619	AF4626	CA7598	AF4881	CA8133	AF5248	CA8966	AF5358
CA5436	AF4862	CA6625	AF4636	CA7600	AF4855	CA8141	AF6067	CA8969	AF5324
CA5466	AF4722	CA6626	AF4633	CA7605	AF5050	CA8142	AF5155	CA8970	AF5420
CA5522	AF5252	CA6629	AF4565	CA7608	AF5127	CA8162	AF5207	CA8997	AF5323
CA5539	AF7327	CA6664	AF4643	CA7614	AF5043	CA8169	AF7859	CA9002	AF5427
CA5595	AF5049	CA6690	AF4645	CA7617	AF4869	CA8188	AF5206	CA9007	AF5105
CA5687	AF5220	CA6807	AF4680	CA7620	AF4838	CA8205	AF5089	CA9052	AF5421
CA5777	AF5539	CA6821	AF4646	CA7623	AF5196	CA8208	AF5244	CA9053	AF5405
CA5876	AF5539	CA6824	AF4625	CA7626	AF4886	CA8209	AF5303	CA9054	AF5396
CA6300	AF3217	CA6828	AF4648	CA7628	AF4831	CA8220	AF7765	CA9055	AF5394
CA6302	AF3575	CA6843	AF5224	CA7630	AF4839	CA8221	AF5227	CA9073	AF5440
CA6304	AF4355	CA6844	AF5419	CA7640	AF5378	CA8225	AF5232	CA9113	AF5353
CA6305	AF4356	CA6845	AF3472	CA7651	AF7039	CA8238	AF5407	CA9115	AF5363
CA6306	AF4328	CA6849	AF4807	CA7666	AF4826	CA8243	AF5192	CA9269	AF5400
CA6308	AF4470	CA6850	AF4669	CA7669	AF5077	CA8269	AF5272	CA9277	AF5421
CA6333	AF4487	CA6852	AF4767	CA7691	AF7058	CA8295	AF5381	CA9286	AF5359
CA6334	AF4609	CA6867	AF4679	CA7730	AF4877	CA8331	AF5454	CA9287	AF5437
CA6358	AF4371	CA6868	AF5202	CA7737	AF4859	CA8473	AF5248	CA9288	AF5374
CA6359	AF1149	CA6870	AF4682	CA7738	AF4858	CA8475	AF5249	CA9332	AF5418
CA6362	AF4375	CA6900	AF4675	CA7755	AF5051	CA8547	AF5257	CA9345	AF5433
CA6363	AF4494	CA6931	AF4850	CA7764	AF5150	CA8548	AF5258	CA9359	AF5398
CA6365	AF4678	CA6937	AF4642	CA7774	AF4879	CA8601	AF5304	CA9360	AF5432
CA6366	AF4378	CA7007	AF4655	CA7775	AF5076	CA8602	AF5267	CA9361	AF5403
CA6367	AF4379	CA7017	AF4656	CA8004	AF1615	CA8606	AF5265	CA9367	AF5410
CA6370	AF4380	CA7094	AF4650	CA8004	AF4878	CA8609	AF4731	CA9379	AF5449
CA6373	AF3596	CA7096	AF4823	CA8007	AF5106	CA8612	AF5279	CA9392	AF5395
CA6375	AF1104	CA7098	AF4649	CA8009	ESR341	CA8613	AF5278	CA9400	AF5446
CA6376	AF4613	CA7142	AF4715	CA8010	AF4882	CA8625	AF5406	CA9401	AF5462
CA6377	AF4614	CA7167	AF4717	CA8013	AF5116	CA8636	AF5305	CA9402	AF5435
CA6381	AF4358	CA7174	AF4799	CA8014	AF5108	CA8713	AF5375	CA9409	AF5457
CA6385	AF4472	CA7224	AF4808	CA8033	AF5065	CA8720	AF5380	CA9435	AF5461
CA6389	AF4630	CA7245	AF5211	CA8037	AF5091	CA8729	AF5368	CA9441	AF5387
CA6393	AF4647	CA7246	AF5107	CA8038	AF5090	CA8730	AF5369	CA9459	AF5497
CA6395	AF4468	CA7284	AF4809	CA8039	AF4878	CA8731	AF5367	CA9471	AF5488
CA6478	AF4608	CA7335	CA7335	CA8039	AF1615	CA8747	AF5372	CA9481	AF5499
CA6479	AF4479	CA7336	AF5156	CA8040	AF5148	CA8754	AF5330	CA9482	AF5463
CA6491	AF4610	CA7337	AF5157	CA8041	AF5148	CA8755	AF1518	CA9492	AF5431
CA6530	AF3542	CA7344	AF4720	CA8042	AF4712	CA8755	AF5314	CA9493	AF5456

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CA9501	AF5393	CA10110	AF6313	HSA627	AF4375	HSA716	AF4731	TA36	AF83
CA9502	AF5451	CA10115	AF5820	HSA628	AF4327	HSA717	AF4819	TA37	AF99
CA9513	AF4866	CA10118	AF5635	HSA629	AF4347	HSA718	AF4727	TA38	AF67
CA9516	AF5535	CA10159	AF5698	HSA632	AF3596	HSA719	AF4720	TA39	AF129
CA9525	AF5517	CA10161	AF5638	HSA634	AF3436	HSA720	AF4715	TA40	AF131
CA9555	AF5434	CA10162	AF5565	HSA637	AF3576	HSA721	AF4832	TA42	AF3137
CA9563	AF5192	CA10163	AF5625	HSA638	AF3472	HSA722	AF4839	TA43	AF3138
CA9563	AF5489	CA10165	AF5653	HSA640	AF4287	HSA723	AF4358	TA44	AF3149
CA9564	AF5503	CA10169	AF5650	HSA655	AF3542	HSA724	AF4690	TA45	AF3193
CA9565	AF5538	CA10170	AF5567	HSA656	AF3087	HSA725	AF4799	TA46	AF3192
CA9588	AF5496	CA10171	AF5649	HSA658	AF4328	HSA727	AF4338	TA47D	AF3181
CA9589	AF5512	CA10173	AF5633	HSA671	AF1708	HSA728	AF4717	TA48	AF3380
CA9589	LAF5980	CA10190	AF5655	HSA673	AF4274	HSA729	AF1149	TA49	AF3195
CA9600	AF5507	CA10191	AF5671	HSA674	AF4356	HSA731	AF3327	TA50	AF3384
CA9602	AF5585	CA10192	AF5634	HSA675	AF3195	HSA732	AF4701	TA51	AF3472
CA9603	AF5513	CA10193	AF4711	HSA677	AF4372	HSA733	AF4681	TA53	AF68
CA9636	AF5645	CA10228	AF5670	HSA678	AF4632	HSA734	AF4831	TA54	AF57
CA9646	AF4868	CA10233	AF5657	HSA679	AF4362	HSA735	AF4881	TA55	AF50
CA9662	AF5521	CA10234	AF5669	HSA680	AF4471	HSA736	AF4880	TA56	AF2318
CA9669	AF5525	CA10242	AF5699	HSA681	AF4625	HSA737	AF4679	TA57	AF120
CA9681	AF5534	CA10253	AF7492	HSA682	AF4490	HSA738	AF4722	TA58	AF3196
CA9682	AF5535	CA10254	AF5700	HSA683	AF4487	HSA739	AF4873	TA59	AF3198
CA9683	AF5578	CA10256	AF5826	HSA684	AF4379	HSA740	AF4643	TA60	AF3474
CA9687	AF5528	CA10257	AF5804	HSA685	AF4608	HSA741	AF4808	TA62	AF3467
CA9689	AF5443	CA10261	AF6314	HSA686	AF4467	HSA742	AF4675	TA63	AF3591
CA9762	AF5553	CA10262	AF5642	HSA687	AF4475	HSA743	AF4882	TA64	AF4635
CA9778	AF5556	CA10270	AF5697	HSA688	AF4358	HSA744	AF4721	TA65	AF3590
CA9798	AF5589	CA10271	AF5673	HSA689	AF4485	HSA745	AF4877	TA66	AF4347
CA9838	AF5560	CA10330	AF5823	HSA690	AF4479	HSA746	AF4879	TA67	AF3592
CA9875	AF5783	CA10343	AF5799	HSA691	AF4600	HSA748	AF4859	TA68	AF3593
CA9895	AF5568	CA10344	AF5780	HSA692	AF4601	HSA750	AF5065	TA69	AF4346
CA9898	AF4688	CA10346	AF5701	HSA693	AF4468	HSA751	AF1615	TA70	AF3465
CA9900	AF5595	CA10348	AF5819	HSA694	AF4486	HSA751	AF4878	TA71	AF4342
CA9902	AF5588	CA10359	AF6306	HSA695	AF4473	HSA752	AF5048	TA72	AF4378
CA9912	AF5557	CA10488	AF5775	HSA696	AF2923	HSA762	AF1104	TA73	AF4633
CA9944	AF5566	CA10491	AF5696	HSA697	AF4470	TA2	AF45	TA74	AF4636
CA9948	AF5594			HSA698	AF4609	TA3	AF59	TA75	AF4656
CA9953	AF2944			HSA699	AF4610	TA6	AF52	TA76	AF70
CA9969	AF5707			HSA700	AF4630	TA7	AF57	TA77	AF4343
CA9997	AF5592			HSA701	AF4629	TA9	AF4	TA78	AF4479
CA10013	AF5651	HSA600	AF4326	HSA702	AF1104	TA16	AF89	TA79	AF4372
CA10014	AF5603	HSA602	AF4339	HSA703	AF4614	TA18	AF68	TA80	AF4632
CA10015	AF5656	HSA603	AF4355	HSA704	AF4613	TA19	AF74	TA81	AF4297
CA10060	AF5635	HSA605	AF4361	HSA705	AF4626	TA22	AF83	TA82	AF4468
CA10064	AF5587	HSA607	AF4290	HSA706	AF4669	TA23	AF84	TA83	AF4680
CA10071	AF5569	HSA609	AF4297	HSA707	AF4680	TA25	AF93	TA84	AF4375
CA10083	AF5601	HSA610	AF4380	HSA708	AF4677	TA26	AF91	TA85	AF4645
CA10084	AF5602	HSA612	AF4357	HSA709	AF3558	TA27	AF92	TA86	AF4361
CA10085	AF5596	HSA616	AF4298	HSA710	AF4648	TA28	AF89	TA87	AF4731
CA10086	AF5584	HSA618	AF4273	HSA711	AF4645	TA30	AF90	TA88	AF4727
CA10088	AF5647	HSA619	AF4270	HSA712	AF4642	TA31	AF113	TA89	AF4326
CA10092	AF5583	HSA620	AF4272	HSA713	AF4409	TA32	AF99	TA90	AF4339
CA10093	AF5604	HSA624	AF4279	HSA714	AF4650	TA33	AF124	TA91	AF4355
CA10094	AF5582	HSA625	AF3466	HSA715	AF4649	TA34	AF110	TA92	AF3466



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TA93	AF4327	TA147	AF4852	TA200	AF5463	A1682	AF5322	A3601	AF5567
TA94	AF4299	TA148	AF5248	TA201	AF5301	A1683	AF5323	A3621	AF3538
TA95	AF4356	TA149	AF5378	TA202	AF5400	A1688	AF5324	A3647	AF3380
TA96	AF4471	TA150	AF6067	TFA1	AF103	A1695	AF5418	A3660	AF3465
TA97	AF4625	TA151	AF5091	TFA2	AF110	A1744	AF5192	A3681	AF3474
TA98	AF4490	TA152	AF1518	TFA3	AF3	A1745	AF5468	A3717	AF3472
TA99	AF4487	TA152	AF5314	TFA4	AF103	A1754	AF5528	A3814	AF3591
TA100	AF4379	TA153	AF5265	TFA5	AF15	A1769	AF5565	A3895	AF5525
TA101	AF4467	TA154	AF5249	TFA6	AF52	A2014	AF5433	A3897	AF5826
TA102	AF4600	TA155	AF4883	TFA9	AF16	A2340	AF5513	A3903	AF4346
TA103	AF4601	TA156	AF5272	TFA10	AF3465	A2441	AF5517	A3904	AF5560
TA104	AF2923	TA157	AF5291	TFA11	AF4349	A2442	AF5645	A3905	AF5461
TA105	AF4609	TA158	AF5043	TFA15	AF118	A2548	AF5488	A3906	AF5554
TA106	AF4629	TA159	AF5324	TFA16	AF124	A2740	AF16	A3916	AF3590
TA107	AF4613	TA160	AF5330	TFA17	AF3398	A2771	AF5566	A3924	AF4347
TA108	AF4626	TA161	AF5323	TFA18	AF3538	A2782	AF5569	A3933	AF5546
TA109	AF4669	TA162	AF5378	TFA19	AF4278	A2785	AF5582	A3954	AF5595
TA110	AF4648	TA163	AF5089			A2786	AF5583	A3958	AF5534
TA111	AF4650	TA164	AF5306			A2883	AF5642	A3959	AF5578
TA112	AF4649	TA165	AF5353			A2884	AF5699	A3961	AF5557
TA113	AF4819	TA166	AF4995			A2886	AF5697	A3963	AF5555
TA114	AF4720	TA167	AF5267			A2945	AF5591	A3965	AF5620
TA115	AF4715	TA168	AF5290	A4	AF4	A2947	AF5638	A3974	AF4688
TA116	AF4832	TA169	AF5305	A45	AF45	A2956	AF5707	A3976	AF5552
TA117	AF4839	TA170	AF5359	A52	AF52	A2959	AF5696	A3977	AF5587
TA118	AF4690	TA171	AF5396	A57	AF57	A2962	AF5603	A3981	AF4711
TA119	AF4799	TA172	AF5397	A59	AF59	A3054	AF5604	A3983	AF5698
TA120	AF4712	TA173	AF5049	A68	AF68	A3083	AF6313	A3984	AF5592
TA121	AF4338	TA174	AF5257	A74	AF74	A3096	AF2944	A3989	AF5444
TA122	AF4717	TA175	AF5372	A83	AF83	A3216	AF5503	A3991	AF4729
TA123	AF1149	TA176	AF5373	A89	AF89	A3245	AF5507	A3992	AF5651
TA124	AF4716	TA177	AF5395	A90	AF90	A3373	AF1149	A3993	AF5584
TA125	AF4831	TA178	AF5398	A91	AF91	A3425	AF131	A3994	AF5625
TA126	AF4881	TA179	AF5405	A92	AF92	A3490	AF15	A3996	AF5650
TA127	AF4880	TA180	AF5418	A93	AF93	A3492	AF3181	A3997	AF5700
TA128	AF4722	TA181	AF5446	A99	AF99	A3497	AF3	A3999	AF5596
TA129	AF4873	TA182	AF5219	A103	AF103	A3501	AF2923	A4000	AF5602
TA130	AF4808	TA183	AF5258	A110	AF110	A3523	AF3149	A4001	AF5601
TA131	AF4877	TA184	AF5414	A113	AF113	A3536	AF3137	A4002	AF5656
TA132	AF4879	TA185	AF5420	A124	AF124	A3537	AF3138	A4003	AF5647
TA133	AF4721	TA186	AF5432	A129	AF129	A3549	AF3384	A4004	AF5804
TA134	AF5090	TA187	AF5433	A187	AF50	A3559	AF3192	A4006	AF5793
TA135	AF5048	TA188	AF5462	A192	AF67	A3566	AF3398	A4007	AF5783
TA136	AF4878	TA189	AF7039	A305	AF84	A3587	AF5435	A4008	AF5653
TA136	AF1615	TA190	AF5499	A347	AF2318	A3588	AF3195	A4009	AF5801
TA137	AF5042	TA191	AF5503	A367	AF4470	A3589	AF5434	A4010	AF5792
TA138	AF4882	TA192	AF5507	A368	AF3542	A3590	AF5462	A4012	AF5635
TA140	AF4858	TA193	AF5192	A381	AF120	A3592	AF6306	A4015	AF5655
TA141	AF5148	TA194	AF5513	A568	AF3196	A3593	AF3593	A4017	AF5649
TA142	AF4886	TA195	AF5488	A662	AF4328	A3594	AF5431	A4020	AF5652
TA143	AF5150	TA196	AF5456	A1520	AF1518	A3595	AF5463	A4021	AF5833
TA144	AF5192	TA197	AF5463	A1520	AF5314	A3596	AF5553	A4022	AF5671
TA145	AF5155	TA198	AF5370	A1624	AF5556	A3597	AF3193	A4023	AF5669
TA146	AF5227	TA199	AF5456	A1646	AF5535	A3598	AF5568	A4027	AF5780
				A1679	AF5301				


MIGHTY

AIR FILTER QUICK CROSS REFERENCE

A4028	AF6312	A5099	AF5496	A9546	AF5497	AF3591	AF5467	PZA105	AF3149
A4029	AF5701	A5191	AF5521	A81519	AF1518	AF7815	AF5218	PZA106	AF3384
A4030	AF5703	A5848	AF5380	A81519	AF5314	AF7820	AF4565	PZA107	AF3198
A4031	AF5799	A5857	AF5278	A81680	AF5291	AF7821	AF4652	PZA108	AF3195
A4032	AF5781	A5980	AF5512	A88493	AF5457	AF7834	AF5116	PZA109	AF3380
A4033	AF5779	A5980	LAF5980	AF52	AF90	AF7856	AF4823	PZA110	AF16
A4034	AF5789	A7033	AF5558	AF74A	AF99	AF7883	AF5107	PZA112	AF118
A4042	AF5820	A7879	AF5048	AF92	AF110	AF7886	AF5157	PZA113	AF124
A4044	AF6309	A7905	AF5207	AF115	AF50	AF7941	AF7698	PZA114	AF124
A4045	AF6308	A7916	AF5303	AF132	AF59	AF7945	AF5224	PZA115	AF1149
A4297	AF4297	A7919	AF5248	AF133	AF68	AF7948	AF7859	PZA117	AF3465
A4299	AF4299	A7937	AF5304	AF137	AF3217	AF7949	AF5375	PZA119	AF15
A4303	AF70	A7938	AF5305	AF141	AF3538	AF7950	AF4837	PZA120	AF3181
A4325	AF3467	A7943	AF5279	AF146	AF52	AF7961	AF5358	PZA123	AF3192
A4326	AF4326	A7944	AF5258	AF148	AF57	AF7966	AF5392	PZA124	AF3398
A4327	AF4327	A7946	AF5306	AF228	AF4678	AF7973	AF7765	PZA126	AF3472
A4338	AF4338	A7953	AF5370	AF235	AF4616	AF7977	AF5451	PZA128	AF120
A4339	AF4339	A7954	AF5359	AF253	AF4630	AF7980	AF5407	PZA129	AF3196
A4342	AF4342	A7957	AF5362	AF261	AF15	AF7986	AF5458	PZA130	AF2923
A4356	AF4356	A7958	AF5352	AF277	AF4494	AF7989	AF5381	PZA131	AF3474
A4361	AF4361	A7959	AF5373	AF317	AF4273	AF7993	AF5406	PZA132	AF3538
A4372	AF4372	A7960	AF5469	AF328	AF4473	AF8140	AF5204	PZA133	AF3466
A4375	AF4375	A7964	AF5363	AF331	AF89	AF8337	AF5419	PZA134	AF3591
A4378	AF4378	A7965	AF5353	AF332	AF93			PZA135	AF4347
A4379	AF4379	A7967	AF5368	AF342	AF4274			PZA136	AF4346
A4380	AF4380	A7968	AF5369	AF350	AF4623			PZA137	AF3590
A4467	AF4467	A7969	AF5367	AF357	AF4635			PZA138	AF3592
A4468	AF4468	A7971	AF5470	AF366	AF3576			PZA139	AF4343
A4471	AF4471	A7972	AF5379	AF374	AF3575			PZA140	AF70
A4479	AF4479	A7974	AF5420	AF377	AF4701			PZA141	AF4326
A4487	AF4487	A7975	AF5372	AF381	AF4472			PZA142	AF4378
A4490	AF4490	A7976	AF5421	AF389	AF3327			PZA143	AF4327
A4601	AF4601	A7978	AF5393	AF396	AF4759			PZA144	AF3467
A4613	AF4613	A7981	AF5405	AF399	AF5205			PZA145	AF3593
A4626	AF4626	A7982	AF5387	AF401	AF4609			PZA146	AF4379
A4632	AF4632	A7983	AF5394	AF404	AF4610			PZA147	AF4328
A4633	AF4633	A7984	AF5396	AF407	AF4371			PZA148	AF4342
A4636	AF4636	A7985	AF5440	AF411	AF4298			PZA149	AF4339
A4645	AF4645	A7987	AF4838	AF412	AF4647			PZA150	AF4372
A4648	AF4648	A7988	AF5410	AF432	AF4380			PZA151	AF4356
A4649	AF4649	A7990	AF5397	AF601	AF3193			PZA152	AF4355
A4650	AF4650	A7991	AF5398	AF603	AF4272			PZA153	AF4278
A4656	AF4656	A7992	AF5449	AF607	AF4290			PZA154	AF3087
A4669	AF4669	A7996	AF5400	AF608	AF4287			PZA155	AF4633
A4680	AF4680	A7997	AF5443	AF633	AF3196			PZA156	AF4471
A4690	AF4690	A7998	AF5403	AF640	AF129			PZA157	AF4490
A4712	AF4712	A7999	AF5395	AF661	AF4279			PZA158	AF4636
A4722	AF4722	A8248	AF5266	AF734	AF3137			PZA159	AF4487
A4731	AF4731	A8777	AF5414	AF736	AF3149			PZA160	AF4609
A4779	AF4279	A8837	AF6314	AF756	AF3198			PZA161	AF4601
A4828	AF3466	A9007	AF5427	AF918	AF4339			PZA162	AF4479
A4832	AF4832	A9010	AF5432	AF928	AF3596			PZA163	AF4632
A5056	AF4343	A9096	AF5446	AF1088	AF4608			PZA164	AF4409
A5058	AF3592	A9098	AF5456	AF1097	AF4655			PZA165	AF4297



PZA1	AF45
PZA2	AF52
PZA3	AF57
PZA4	AF59
PZA6	AF89
PZA7	AF4
PZA10	AF83
PZA11	AF91
PZA12	AF74
PZA15	AF92
PZA16	AF113
PZA17	AF90
PZA18	AF84
PZA19	AF67
PZA20	AF3137
PZA21	AF3138
PZA22	AF93
PZA23	AF99
PZA24	AF103
PZA25	AF110
PZA26	AF4880
PZA27	AF4881
PZA28	AF5090
PZA101	AF2318
PZA102	AF129
PZA103	AF131
PZA104	AF3193

AIR FILTER QUICK CROSS REFERENCE

PZA166	AF4375	PZA220	AF4721	PZA271	AF5462	PZA475	AF5560	PA106	AF3384
PZA167	AF4299	PZA221	AF4855	PZA272	AF5414	PZA476	AF5594	PA107	AF3198
PZA168	AF4468	PZA222	AF3436	PZA357	AF4600	PZA478	AF5603	PA108	AF3195
PZA169	AF4361	PZA223	AF4839	PZA367	AF4646	PZA479	AF5582	PA109	AF3380
PZA170	AF4338	PZA224	AF4859	PZA381	AF4809	PZA481	AF5651	PA110	AF16
PZA171	AF4467	PZA225	AF4643	PZA388	AF5050	PZA483	AF5625	PA115	AF1149
PZA172	AF4680	PZA226	AF4883	PZA398	AF5220	PZA484	AF5588	PA117	AF3465
PZA173	AF4656	PZA227	AF5089	PZA400	AF7698	PZA485	AF5650	PA119	AF15
PZA174	AF4649	PZA228	AF5049	PZA405	AF5210	PZA487	AF5592	PA120	AF3181
PZA175	AF4650	PZA229	AF4730	PZA407	AF5244	PZA488	AF5584	PA123	AF3192
PZA176	AF4642	PZA230	AF4380	PZA408	AF5303	PZA501	AF5703	PA124	AF3398
PZA177	AF4645	PZA231	AF4608	PZA414	AF5278	PZA503	AF5587	PA126	AF3472
PZA178	AF4648	PZA232	AF4838	PZA420	AF5367	PZA504	AF5634	PA128	AF120
PZA179	AF4690	PZA233	AF5248	PZA425	AF5424	PZA506	AF5647	PA129	AF3196
PZA180	AF4712	PZA234	AF5076	PZA427	AF5370	PZA508	AF5655	PA130	AF2923
PZA181	AF4722	PZA235	AF5249	PZA428	AF5421	PZA509	AF5656	PA131	AF3474
PZA182	AF4613	PZA236	AF5265	PZA429	AF5363	PZA510	AF5698	PA132	AF3538
PZA183	AF4625	PZA237	AF1518	PZA430	AF5435	PZA511	AF5699	PA133	AF3466
PZA184	AF4717	PZA237	AF5314	PZA431	AF5488	PZA517	AF5642	PA134	AF3591
PZA185	AF4626	PZA238	AF4995	PZA432	AF5499	PZA519	AF5670	PA135	AF4347
PZA186	AF4727	PZA239	AF5291	PZA433	AF5463	PZA521	AF5672	PA136	AF4346
PZA187	AF4877	PZA239	AF5446	PZA434	AF5431	PZA524	AF5569	PA137	AF3590
PZA188	AF4879	PZA240	AF5267	PZA435	AF5496	PZA525	AF5673	PA138	AF3592
PZA189	AF4731	PZA241	AF5306	PZA437	AF5393	PZA528	AF5697	PA139	AF4343
PZA190	AF4819	PZA242	AF5324	PZA439	AF5395	PZA533	AF5799	PA140	AF70
PZA191	AF4832	PZA243	AF5330	PZA440	AF5427	PZA534	AF5798	PA141	AF4326
PZA192	AF4799	PZA244	AF5323	PZA441	AF5451			PA142	AF4378
PZA193	AF4669	PZA245	AF5272	PZA442	AF5456			PA143	AF4327
PZA194	AF124	PZA246	AF5207	PZA443	AF5403			PA144	AF3467
PZA195	AF124	PZA247	AF5257	PZA444	AF5410			PA145	AF3593
PZA196	AF4852	PZA248	AF5353	PZA445	AF5434	PA1	AF45	PA146	AF4379
PZA197	AF4720	PZA249	AF5266	PZA447	AF5387	PA3	AF57	PA147	AF4328
PZA198	AF4721	PZA250	AF5305	PZA448	AF5497	PA4	AF59	PA148	AF4342
PZA199	AF4873	PZA251	AF5258	PZA449	AF5232	PA7	AF4	PA149	AF4339
PZA200	AF5048	PZA252	AF7039	PZA450	AF5503	PA10	AF83	PA150	AF4372
PZA201	AF5042	PZA253	AF4688	PZA451	AF5507	PA11	AF91	PA151	AF4356
PZA202	AF4831	PZA253	AF5352	PZA452	AF5517	PA12	AF74	PA152	AF4355
PZA203	AF5378	PZA254	AF5373	PZA453	AF5513	PA15	AF92	PA153	AF4278
PZA204	AF5091	PZA255	AF5400	PZA454	AF5512	PA16	AF113	PA154	AF3087
PZA206	AF1615	PZA256	AF4879	PZA454	LAF5980	PA17	AF90	PA155	AF4633
PZA206	AF4878	PZA257	AF5396	PZA456	AF5468	PA19	AF67	PA156	AF4471
PZA207	AF5155	PZA258	AF5359	PZA457	AF5521	PA20	AF3137	PA157	AF4490
PZA208	AF5192	PZA259	AF5397	PZA458	AF5578	PA21	AF3138	PA158	AF4636
PZA209	AF3465	PZA260	AF5446	PZA459	AF5534	PA22	AF93	PA159	AF4487
PZA210	AF6067	PZA261	AF5105	PZA461	AF4862	PA23	AF99	PA160	AF4609
PZA211	AF4715	PZA262	AF5405	PZA462	AF5528	PA24	AF103	PA161	AF4601
PZA212	AF5043	PZA263	AF5432	PZA465	AF5535	PA25	AF110	PA162	AF4479
PZA213	AF4882	PZA264	AF5372	PZA467	AF5538	PA26	AF4880	PA163	AF4632
PZA214	AF5148	PZA265	AF5301	PZA468	AF5553	PA27	AF4881	PA164	AF4409
PZA215	AF4869	PZA266	AF5420	PZA469	AF5556	PA28	AF5090	PA165	AF4297
PZA216	AF4886	PZA267	AF5398	PZA470	AF5362	PA102	AF129	PA166	AF4375
PZA217	AF5227	PZA268	AF5418	PZA471	AF5557	PA103	AF131	PA167	AF4299
PZA218	AF4858	PZA269	AF5433	PZA473	AF5568	PA104	AF3193	PA168	AF4468
PZA219	AF5150	PZA270	AF5219	PZA474	AF5566	PA105	AF3149	PA169	AF4361



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PA170	AF4338	PA225	AF4643	PA301	AF4349	PA378	AF4808	PA434	AF5431
PA171	AF4467	PA226	AF4883	PA305	AF4357	PA379	AF5211	PA435	AF5496
PA172	AF4680	PA227	AF5089	PA306	AF4473	PA380	AF5107	PA436	AF5392
PA173	AF4656	PA228	AF5049	PA307	AF5209	PA381	AF4809	PA437	AF5393
PA174	AF4649	PA229	AF4730	PA309	AF3327	PA382	AF5156	PA438	AF5394
PA175	AF4650	PA230	AF4380	PA310	AF4274	PA383	AF5157	PA439	AF5395
PA176	AF4642	PA231	AF4608	PA311	AF4273	PA384	AF4849	PA440	AF5427
PA177	AF4645	PA233	AF5248	PA313	AF4270	PA385	AF4853	PA441	AF5451
PA178	AF4648	PA234	AF5076	PA314	AF4272	PA387	AF4820	PA442	AF5456
PA179	AF4690	PA235	AF5249	PA316	AF3141	PA388	AF5050	PA443	AF5403
PA180	AF4712	PA236	AF5265	PA320	AF4290	PA389	AF5127	PA444	AF5410
PA181	AF4722	PA237	AF1518	PA321	AF3576	PA390	AF5196	PA445	AF5434
PA182	AF4613	PA237	AF5314	PA322	AF4362	PA391	AF4826	PA446	AF5449
PA183	AF4625	PA238	AF4995	PA323	AF4635	PA392	AF5077	PA447	AF5387
PA184	AF4717	PA240	AF5267	PA324	AF4475	PA393	AF5051	PA448	AF5497
PA185	AF4626	PA241	AF5306	PA326	AF3558	PA394	AF5106	PA449	AF5232
PA186	AF4727	PA242	AF5324	PA328	AF4279	PA395	AF5116	PA450	AF5503
PA187	AF4877	PA243	AF5330	PA329	AF4287	PA396	AF5108	PA451	AF5507
PA188	AF4879	PA244	AF5323	PA330	AF4681	PA397	AF5065	PA452	AF5517
PA189	AF4731	PA245	AF5272	PA331	AF4623	PA398	AF5220	PA453	AF5513
PA190	AF4819	PA246	AF5207	PA332	AF4862	PA399	AF5218	PA454	AF5512
PA191	AF4832	PA247	AF5257	PA333	AF5252	PA400	AF7698	PA454	LAF5980
PA192	AF4799	PA248	AF5353	PA334	AF3217	PA401	AF4837	PA455	AF5442
PA193	AF4669	PA249	AF5266	PA335	AF3575	PA402	AF5078	PA456	AF5468
PA194	AF124	PA250	AF5305	PA336	AF4470	PA403	AF7327	PA457	AF5521
PA195	AF124	PA251	AF5258	PA338	AF4371	PA404	AF5204	PA458	AF5578
PA196	AF4852	PA252	AF7039	PA339	AF4494	PA405	AF5210	PA459	AF5534
PA197	AF4720	PA253	AF5352	PA340	AF4678	PA406	AF5206	PA460	AF5525
PA198	AF4721	PA254	AF5373	PA344	AF3596	PA407	AF5244	PA461	AF5440
PA199	AF4873	PA255	AF5400	PA345	AF1104	PA408	AF5303	PA462	AF5528
PA200	AF5048	PA257	AF5396	PA346	AF4614	PA409	AF7765	PA463	AF5358
PA201	AF5042	PA258	AF5359	PA347	AF4358	PA410	AF5232	PA464	AF5554
PA202	AF4831	PA259	AF5397	PA348	AF4472	PA411	AF5381	PA465	AF5535
PA203	AF5378	PA260	AF5446	PA350	AF4630	PA412	AF5304	PA466	AF5443
PA204	AF5091	PA261	AF5105	PA352	AF4647	PA413	AF5279	PA467	AF5538
PA206	AF1615	PA262	AF5405	PA354	AF4610	PA414	AF5278	PA468	AF5553
PA206	AF4878	PA263	AF5432	PA355	AF4485	PA415	AF5406	PA469	AF5556
PA207	AF5155	PA264	AF5372	PA356	AF4486	PA416	AF5375	PA470	AF5362
PA208	AF5192	PA265	AF5301	PA357	AF4600	PA417	AF5380	PA471	AF5557
PA210	AF6067	PA266	AF5420	PA358	AF4616	PA418	AF5368	PA472	AF5457
PA211	AF4715	PA267	AF5398	PA359	AF3587	PA419	AF5369	PA473	AF5568
PA212	AF5043	PA268	AF5418	PA360	AF4677	PA420	AF5367	PA474	AF5566
PA213	AF4882	PA269	AF5433	PA361	AF4652	PA422	AF5470	PA475	AF5560
PA214	AF5148	PA270	AF5219	PA365	AF5205	PA423	AF4838	PA476	AF5594
PA215	AF4869	PA271	AF5462	PA366	AF4565	PA424	AF5379	PA477	AF5192
PA216	AF4886	PA272	AF5414	PA367	AF4646	PA425	AF5424	PA478	AF5603
PA217	AF5227	PA273	AF52	PA369	AF4807	PA426	AF5290	PA479	AF5582
PA218	AF4858	PA274	AF50	PA370	AF4679	PA427	AF5370	PA480	AF5583
PA219	AF5150	PA275	AF89	PA371	AF5202	PA428	AF5421	PA481	AF5651
PA220	AF4721	PA277	AF3542	PA372	AF4682	PA429	AF5363	PA482	AF5589
PA221	AF4855	PA279	AF1708	PA373	AF4675	PA430	AF5435	PA483	AF5625
PA222	AF3436	PA285	AF3	PA374	AF4850	PA431	AF5488	PA484	AF5588
PA223	AF4839	PA291	AF4298	PA376	AF4655	PA432	AF5499	PA485	AF5650
PA224	AF4859	PA295	AF4701	PA377	AF4823	PA433	AF5463	PA486	AF5585

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PA487	AF5592	A23196	AF3196	A24873	AF4873	A25496	AF5496	A33466	AF3466
PA488	AF5584	A23436	AF3436	A24880	AF4880	A25499	AF5499	A33472	AF3472
PA500	AF5669	A23465	AF3465	A24881	AF4881	A25503	AF5503	A33542	AF3542
PA501	AF5703	A23538	AF3538	A24882	AF4882	A25507	AF5507	A33575	AF3575
PA503	AF5587	A23587	AF3587	A25042	AF5042	A25525	AF5525	A33590	AF3590
PA504	AF5634	A23592	AF3592	A25043	AF5043	A25538	AF5538	A33591	AF3591
PA505	AF5635	A24270	AF4270	A25048	AF5048	A25540	AF5540	A33593	AF3593
PA506	AF5647	A24278	AF4278	A25049	AF5049	A25554	AF5554	A34272	AF4272
PA508	AF5655	A24290	AF4290	A25051	AF5051	A25558	AF5558	A34273	AF4273
PA509	AF5656	A24297	AF4297	A25065	AF5065	A25566	AF5566	A34274	AF4274
PA510	AF5698	A24298	AF4298	A25076	AF5076	A25567	AF5567	A34279	AF4279
PA511	AF5699	A24299	AF4299	A25077	AF5077	A25582	AF5582	A34287	AF4287
PA512	AF4711	A24339	AF4339	A25089	AF5089	A25584	AF5584	A34338	AF4338
PA517	AF5642	A24342	AF4342	A25107	AF5107	A25585	AF5585	A34356	AF4356
PA518	AF5649	A24343	AF4343	A25116	AF5116	A25587	AF5587	A34361	AF4361
PA519	AF5670	A24355	AF4355	A25127	AF5127	A25588	AF5588	A34362	AF4362
PA520	AF5671	A24357	AF4357	A25148	AF5148	A25594	AF5594	A34371	AF4371
PA521	AF5672	A24372	AF4372	A25156	AF5156	A25596	AF5596	A34473	AF4473
PA522	AF5707	A24375	AF4375	A25196	AF5196	A25634	AF5634	A34475	AF4475
PA523	AF4688	A24378	AF4378	A25210	AF5210	A25635	AF5635	A34479	AF4479
PA524	AF5569	A24409	AF4409	A25220	AF5220	A25647	AF5647	A34485	AF4485
PA525	AF5673	A24468	AF4468	A25248	AF5248	A25651	AF5651	A34486	AF4486
PA526	AF5701	A24471	AF4471	A25249	AF5249	A25652	AF5652	A34487	AF4487
PA528	AF5697	A24472	AF4472	A25257	AF5257	A25653	AF5653	A34494	AF4494
PA533	AF5799	A24490	AF4490	A25272	AF5272	A25655	AF5655	A34565	AF4565
PA534	AF5798	A24601	AF4601	A25301	AF5301	A25656	AF5656	A34613	AF4613
		A24608	AF4608	A25304	AF5304	A25657	AF5657	A34616	AF4616
		A24614	AF4614	A25306	AF5306	A25689	AF5689	A34623	AF4623
		A24630	AF4630	A25324	AF5324	A25698	AF5698	A34625	AF4625
		A24633	AF4633	A25352	AF5352	A25699	AF5699	A34629	AF4629
A11149	AF1149	A24635	AF4635	A25353	AF5353	A25781	AF5781	A34679	AF4679
A13192	AF3192	A24636	AF4636	A25358	AF5358	A25786	AF5786	A34711	AF4711
A13576	AF3576	A24642	AF4642	A25372	AF5372	A25787	AF5787	A34715	AF4715
A13596	AF3596	A24645	AF4645	A25373	AF5373	A25792	AF5792	A34717	AF4717
A14346	AF4346	A24648	AF4648	A25374	AF5374	A25793	AF5793	A34721	AF4721
A14347	AF4347	A24675	AF4675	A25392	AF5392	A25801	AF5801	A34759	AF4759
A14349	AF4349	A24677	AF4677	A25393	AF5393	A25802	AF5802	A34799	AF4799
A14380	AF4380	A24680	AF4680	A25394	AF5394	A25804	AF5804	A34809	AF4809
A14470	AF4470	A24690	AF4690	A25395	AF5395	A25833	AF5833	A34826	AF4826
A14622	AF4622	A24691	AF4691	A25398	AF5398	A26067	AF6067	A34838	AF4838
A14649	AF4649	A24712	AF4712	A25405	AF5405	A26306	AF6306	A34839	AF4839
A14650	AF4650	A24716	AF4716	A25418	AF5418	A26310	AF6310	A34849	AF4849
A14652	AF4652	A24720	AF4720	A25419	AF5419	A26312	AF6312	A34850	AF4850
A14656	AF4656	A24722	AF4722	A25427	AF5427	A27698	AF7698	A34852	AF4852
A14837	AF4837	A24730	AF4730	A25435	AF5435	A27765	AF7765	A34862	AF4862
A14869	AF4869	A24731	AF4731	A25446	AF5446	A30045	AF45	A34868	AF4868
A15157	AF5157	A24767	AF4767	A25451	AF5451	A30050	AF50	A34877	AF4877
A15363	AF5363	A24807	AF4807	A25456	AF5456	A30052	AF52	A34878	AF1615
A15604	AF5604	A24819	AF4819	A25457	AF5457	A30057	AF57	A34878	AF4878
A15622	AF5622	A24831	AF4831	A25458	AF5458	A30059	AF59	A34879	AF4879
A15669	AF5669	A24832	AF4832	A25463	AF5463	A30067	AF67	A34883	AF4883
A15703	AF5703	A24858	AF4858	A25467	AF5467	A30110	AF110	A34886	AF4886
A20070	AF70	A24859	AF4859	A25469	AF5469	A33193	AF3193	A34995	AF4995
A23087	AF3087	A24866	AF4866	A25485	AF5485	A33380	AF3380	A35050	AF5050


 PUROLATOR

AIR FILTER QUICK CROSS REFERENCE

A35078	AF5078	A35462	AF5462	A37859	AF7859	A45105	AF5442	A55565	AF5565
A35106	AF5106	A35468	AF5468	A40003	AF3	A45206	AF5206	A55616	AF5616
A35108	AF5108	A35470	AF5470	A40004	AF4	A45211	AF5211	A55696	AF5696
A35150	AF5150	A35513	AF5513	A40015	AF15	A45232	AF5232	A55697	AF5697
A35155	AF5155	A35517	AF5517	A40016	AF16	A45279	AF5279	A55799	AF5799
A35192	AF5192	A35528	AF5528	A40068	AF68	A45314	AF1518	A55822	AF5822
A35192	AF5489	A35534	AF5534	A40089	AF89	A45314	AF5314	A56314	AF6314
A35202	AF5202	A35546	AF5546	A40090	AF90	A45362	AF5362	A60074	AF74
A35204	AF5204	A35547	AF5547	A40103	AF103	A45381	AF5381	A63181	AF3181
A35205	AF5205	A35552	AF5552	A40113	AF113	A45387	AF5387	A63327	AF3327
A35207	AF5207	A35553	AF5553	A40118	AF118	A45443	AF5443	A65224	AF5224
A35209	AF5209	A35556	AF5556	A40120	AF120	A45454	AF5454	A65379	AF5379
A35218	AF5218	A35560	AF5560	A40124	AF124	A45488	AF5488	A65823	AF5823
A35219	AF5219	A35578	AF5578	A40129	AF129	A45497	AF5497	A66313	AF6313
A35227	AF5227	A35579	AF5579	A40131	AF131	A45512	AF5512		
A35244	AF5244	A35583	AF5583	A41104	AF1104	A45512	LAF5980		
A35252	AF5252	A35589	AF5589	A42318	AF2318	A45535	AF5535		
A35258	AF5258	A35591	AF5591	A43137	AF3137	A45548	AF5548		
A35265	AF5265	A35592	AF5592	A43138	AF3138	A45555	AF5555	SHA2	AF45
A35266	AF5266	A35595	AF5595	A43149	AF3149	A45557	AF5557	SHA9	AF4
A35267	AF5267	A35601	AF5601	A43195	AF3195	A45568	AF5568	SHA10	AF3465
A35278	AF5278	A35602	AF5602	A43217	AF3217	A45569	AF5569	SHA19	AF4278
A35290	AF5290	A35603	AF5603	A43398	AF3398	A45620	AF5620	SHA26	AF91
A35291	AF5291	A35625	AF5625	A43467	AF3467	A45650	AF5650	SHA27	AF92
A35303	AF5303	A35626	AF5626	A43474	AF3474	A45673	AF5673	SHA31	AF113
A35305	AF5305	A35629	AF5629	A43558	AF3558	A45701	AF5701	SHA33	AF124
A35322	AF5322	A35631	AF5631	A44326	AF4326	A45780	AF5780	SHA36	AF83
A35323	AF5323	A35632	AF5632	A44327	AF4327	A45794	AF5794	SHA38	AF67
A35330	AF5330	A35633	AF5633	A44328	AF4328	A45796	AF5796	SHA46	AF3192
A35359	AF5359	A35638	AF5638	A44358	AF4358	A45800	AF5800	SHA48	AF3380
A35367	AF5367	A35642	AF5642	A44379	AF4379	A47039	AF7039	SHA49	AF3195
A35368	AF5368	A35645	AF5645	A44467	AF4467	A47058	AF7058	SHA50	AF3384
A35369	AF5369	A35649	AF5649	A44600	AF4600	A50084	AF84	SHA51	AF3472
A35370	AF5370	A35670	AF5670	A44610	AF4610	A50091	AF91	SHA63	AF3591
A35375	AF5375	A35671	AF5671	A44626	AF4626	A50092	AF92	SHA65	AF3590
A35396	AF5396	A35672	AF5672	A44632	AF4632	A50093	AF93	SHA66	AF4347
A35397	AF5397	A35700	AF5700	A44643	AF4643	A50831	AF83	SHA67	AF3592
A35403	AF5403	A35707	AF5707	A44646	AF4646	A50991	AF99	SHA68	AF3593
A35406	AF5406	A35775	AF5775	A44647	AF4647	A51708	AF1708	SHA69	AF4346
A35407	AF5407	A35783	AF5783	A44655	AF4655	A52923	AF2923	SHA71	AF4342
A35410	AF5410	A35789	AF5789	A44678	AF4678	A53141	AF3141	SHA72	AF4378
A35414	AF5414	A35790	AF5790	A44681	AF4681	A53198	AF3198	SHA73	AF4633
A35420	AF5420	A35791	AF5791	A44682	AF4682	A53384	AF3384	SHA74	AF4636
A35421	AF5421	A35798	AF5798	A44688	AF4688	A54609	AF4609	SHA75	AF4656
A35424	AF5424	A35816	AF5816	A44690	AF2944	A54669	AF4669	SHA76	AF70
A35431	AF5431	A35819	AF5819	A44727	AF4727	A54701	AF4701	SHA77	AF4343
A35432	AF5432	A35820	AF5820	A44729	AF4729	A54823	AF4823	SHA78	AF4479
A35433	AF5433	A35824	AF5824	A44808	AF4808	A54855	AF4855	SHA79	AF4372
A35434	AF5434	A35826	AF5826	A44820	AF4820	A55378	AF5378	SHA80	AF4632
A35437	AF5437	A36061	AF6061	A44853	AF4853	A55380	AF5380	SHA81	AF4297
A35440	AF5440	A36308	AF6308	A45047	AF5047	A55400	AF5400	SHA82	AF4468
A35449	AF5449	A36309	AF6309	A45090	AF5090	A55444	AF5444	SHA83	AF4680
A35452	AF5452	A37327	AF7327	A45091	AF5091	A55521	AF5521	SHA84	AF4375
A35461	AF5461	A37492	AF7492	A45105	AF5105	A55539	AF5539	SHA85	AF4645



AIR FILTER QUICK CROSS REFERENCE

SHA86	AF4361	SHA156	AF5272	A289	AF4626	AP372	AF4601	AP7912	AF5108
SHA87	AF4731	SHA157	AF5291	A305	AF84	AP383	AF4362	AP8191	AF5106
SHA88	AF4727	SHA157	AF5485	A328	AF4473	AP386	AF4409	VA1	AF83
SHA97	AF4625	SHA158	AF5043	A331	AF89	AP524	AF4358	VA2	AF91
SHA98	AF4490	SHA159	AF5324	A332	AF93	AP545	AF4625	VA3	AF59
SHA99	AF4487	SHA160	AF5330	A349	AF110	AP898	AF4629	VA4	AF74
SHA103	AF4601	SHA161	AF5323	A359	AF4361	AP917	AF4852	VA5	AF92
SHA107	AF4613	SHA162	AF5378	A367	AF4470	AP928	AF3596	VA6	AF89
SHA109	AF4669	SHA163	AF5089	A370	AF4467	AP1061	AF4632	VA7	AF4
SHA110	AF4648	SHA164	AF5306	A371	AF4600	AP1064	AF4679	VA8	AF45
SHA111	AF4650	SHA165	AF5353	A375	AF4338	AP1135	AF4656	VA9	AF90
SHA112	AF4649	SHA166	AF4995	A377	AF4701	AP1300	AF5090	VA10	AF52
SHA113	AF4819	SHA167	AF5267	A385	AF3141	AP1606	AF5051	VA13	AF113
SHA114	AF4720	SHA168	AF5290	A389	AF3327	AP1612	AF4858	VA14	AF68
SHA115	AF4715	SHA169	AF5305	A390	AF1708	AP1613	AF4859	VA17	AF57
SHA116	AF4832	SHA170	AF5359	A401	AF4609	AP1630	AF4712	VA19	AF99
SHA117	AF4839	SHA171	AF5396	A415	AF4613	AP1658	AF5192	VA20	AF103
SHA118	AF4690	SHA172	AF5397	A432	AF4380	AP4309	AF4278	VA22	AF124
SHA119	AF4799	SHA173	AF5049	A539	AF1104	AP7816	AF4645	VA23	AF67
SHA120	AF4712	SHA174	AF5257	A608	AF4287	AP7819	AF4716	VA24	AF83
SHA121	AF4338	SHA175	AF5372	A662	AF4328	AP7821	AF4652	VA25	AF99
SHA122	AF4717	SHA176	AF5373	A663	AF4327	AP7824	AF4642	VA26	AF93
SHA123	AF1149	SHA177	AF5395	A664	AF4326	AP7825	AF4669	VA27	AF110
SHA125	AF4831	SHA178	AF5398	A665	AF4356	AP7826	AF4648	VA28	AF129
SHA126	AF4881	SHA179	AF5405	A925	AF4342	AP7832	AF4717	VA29	AF131
SHA127	AF4880	SHA180	AF5418	A1088	AF4608	AP7833	AF4715	VA30	AF3137
SHA128	AF4722	SHA181	AF5446	A1615	AF1615	AP7835	AF4649	VA31	AF3138
SHA129	AF4873	SHA182	AF5219	A1615	AF4878	AP7836	AF4650	VA36	AF1149
SHA130	AF4808	SHA183	AF5258	A1617	AF5042	AP7837	AF4643	VA36	AF4349
SHA131	AF4877	SHA184	AF5414	A1641	AF6067	AP7839	AF4808	VA37	AF3149
SHA132	AF4879	SHA185	AF5420	A1643	AF5155	AP7841	AF4690	VA38	AF3195
SHA133	AF4721	SHA186	AF5432	A3501	AF2923	AP7842	AF4799	VA39	AF3193
SHA134	AF5090	SHA187	AF5433	A3688	AF4298	AP7843	AF4720	VA40	AF3192
SHA135	AF5048	SHA188	AF5462	A4282	AF4274	AP7845	AF4727	VA41	AF120
SHA136	AF1615	SHA189	AF7039	A4296	AF4273	AP7854	AF4712	VA42	AF3198
SHA136	AF4878	SHA190	AF5456	A4318	AF4270	AP7857	AF4831	VA44	AF3380
SHA137	AF5042	SHA191	AF5463	A4320	AF4272	AP7858	AF4832	VA45	AF3181
SHA138	AF4882	SHA192	AF5499	A4325	AF3467	AP7859	AF4721	VA46	AF15
SHA140	AF4858	SHA193	AF5503	A4372	AF4290	AP7861	AF4839	VA49	AF3472
SHA141	AF5148	SHA194	AF5403	A4779	AF4279	AP7862	AF4819	VA50	AF3384
SHA142	AF4886			A7820	AF4565	AP7863	AF4731	VA51	AF3
SHA143	AF5150			A7875	AF4855	AP7864	AF4721	VA52	AF16
SHA144	AF5192			A7882	AF4879	AP7865	AF4882	VA53	AF3474
SHA145	AF5155			AP234	AF4487	AP7868	AF4730	VA54	AF3465
SHA146	AF5227	A74	AF99	AP235	AF4616	AP7872	AF4880	VA58	AF3196
SHA147	AF4852	A133	AF68	AP254	AF3087	AP7873	AF4881	VA59	AF70
SHA148	AF5248	A135	AF3	AP279	AF4357	AP7878	AF5378	VA60	AF118
SHA150	AF6067	A137	AF3217	AP280	AF4471	AP7879	AF5048	VA61	AF124
SHA151	AF5091	A146	AF52	AP294	AF4475	AP7880	AF4873	VA62	AF3398
SHA152	AF1518	A187	AF50	AP297	AF3436	AP7885	AF5105	VA63	AF3538
SHA152	AF5314	A232	AF4485	AP351	AF4468	AP7885	AF5442	VA64	AF4347
SHA153	AF5265	A233	AF4486	AP355	AF3558	AP7892	AF4722	VA65	AF3590
SHA154	AF5249	A247	AF4681	AP358	AF4299	AP7893	AF5049	VA66	AF3592
SHA155	AF4883	A252	AF4375	AP366	AF3576	AP7908	AF5148	VA67	AF3591



AIR FILTER QUICK CROSS REFERENCE

VA68	AF4346	VA100	AF4649	VA137	AF5306	VA171	AF5463	VA206	AF5534
VA69	AF3465	VA101	AF4650	VA138	AF5267	VA172	AF5387	VA207	AF4688
VA70	AF4378	VA102	AF4690	VA140	AF5324	VA173	AF5192	VA208	AF5584
VA71	AF4379	VA103	AF4799	VA141	AF5323	VA173	AF5489	VA209	AF5650
VA72	AF3466	VA104	AF4720	VA142	AF5301	VA174	AF5535	VA210	AF5656
VA73	AF3593	VA105	AF4727	VA143	AF4614	VA175	AF5513	VA212	AF5653
VA74	AF4343	VA106	AF4832	VA144	AF5219	VA176	AF5431	VA213	AF5634
VA75	AF4339	VA107	AF4819	VA145	AF5352	VA177	AF5512	VA214	AF5649
VA76	AF4372	VA108	AF4731	VA146	AF5305	VA177	LAF5980	VA215	AF5582
VA77	AF4297	VA109	AF4880	VA147	AF5266	VA178	AF5258	VA216	AF5583
VA78	AF4479	VA110	AF4881	VA148	AF5206	VA179	AF5553	VA217	AF5604
VA78	AF5330	VA111	AF5378	VA149	AF5323	VA181	AF5556	VA218	AF5638
VA79	AF4490	VA112	AF5048	VA150	AF5353	VA182	AF5528	VA219	AF5822
VA80	AF4355	VA113	AF4873	VA151	AF5359	VA183	AF5503	VA220	AF6308
VA81	AF4633	VA114	AF4879	VA152	AF5373	VA184	AF5507	VA221	AF6309
VA82	AF4636	VA114	AF5290	VA153	AF5244	VA185	AF5434	VA222	AF5633
VA83	AF4680	VA115	AF1518	VA154	AF5396	VA186	AF5568	VA223	AF5642
VA84	AF4468	VA115	AF5314	VA155	AF5405	VA187	AF5595	VA224	AF5699
VA85	AF4342	VA116	AF5265	VA156	AF5372	VA188	AF5588	VA225	AF6313
VA86	AF4278	VA117	AF5248	VA157	AF7039	VA189	AF5521	VA226	AF5596
VA87	AF4375	VA118	AF5249	VA158	AF4646	VA190	AF5370	VA227	AF5602
VA88	AF4632	VA120	AF5043	VA159	AF5278	VA191	AF5363	VA228	AF5601
VA89	AF4877	VA121	AF5272	VA160	AF5462	VA192	AF5403	VA229	AF5635
VA90	AF4372	VA122	AF5291	VA161	AF5433	VA193	AF5395	VA230	AF5673
VA90	AF5374	VA124	AF4995	VA162	AF5418	VA194	AF5525	VA231	AF5655
VA91	AF5227	VA125	AF4886	VA163	AF5432	VA195	AF5578	VA232	AF5670
VA92	AF5090	VA126	AF4869	VA164	AF5414	VA198	AF5592	VA233	AF5703
VA93	AF5042	VA127	AF4826	VA165	AF5397	VA199	AF5461	VA234	AF5799
VA94	AF1615	VA128	AF5050	VA166	AF5420	VA200	AF5603	VA235	AF5779
VA94	AF4878	VA129	AF5089	VA167	AF5446	VA201	AF5421	VA236	AF5820
VA95	AF4712	VA131	AF5207	VA167	AF5485	VA202	AF5651	VA237	AF6306
VA96	AF4645	VA132	AF4838	VA168	AF1518	VA203	AF5707	VA238	AF5701
VA97	AF4669	VA133	AF5076	VA168	AF5314	VA204	AF5546	VA239	AF5697
VA98	AF4717	VA135	AF5150	VA169	AF5400	VA205	AF5468	VA241	AF5775
VA99	AF4715	VA136	AF5257	VA170	AF5398				

ADDITIONAL AIR FILTRATION PRODUCTS

AIR CLEANER WING NUTS AND HOUSING HARDWARE

WING NUT ASSORTMENT KIT INCLUDES:

- (10) 16-16 : 1/4"-20 THREAD UNIVERSAL (STEEL)
 - (10) 16-17 : 1/4"-20 THREAD UNIVERSAL (NYLON)
 - (10) 16-18 : 1/4" THREAD FORD
 - (10) 16-19 : 1/4"-20 THREAD CHRYSLER
 - (10) 16-21 : 6MM X 1.0 THREAD GM AND IMPORTS
 - (10) 16-22 : 8MM X 1.25 THREAD GM AND IMPORTS
 - (10) 16-23 : 6MM X 1.0 THREAD FORD
 - (10) 16-24 : 1/4"-20 THREAD CHRYSLER
- AND PLASTIC STORAGE CASE

IFA PART#

1699



86-96 FORD HOUSING
REPAIR KIT

IFA PART#

11628



16-16



16-17



16-18



16-19



16-21



16-22



16-23



16-24



THE WORLD'S BEST AIR FILTER



- * High Air Flow with Excellent Filtration
- * Designed to Increase Horsepower and Acceleration
- * Washable and Reusable
- * Will NOT Void Vehicle Warranty
- * Lasts up to 50,000 miles before cleaning is required depending on driving conditions
- * K&N Million Mile Limited Warranty®
- * Emissions Legal in all 50 US States.
- * Economical, a K&N Air Filter Will Last the Life of Your Automobile, Motorcycle, or ATV
- * Works with Original Equipment Manufacturer Vehicle Electronics
- * Easy High Performance Add-on
- * Environmentally Friendly



ADDS HORSEPOWER WITHOUT COMPROMISING RELIABILITY



OPTIMIZES FUEL ECONOMY - CREATES LESS RESTRICTION



ADDS HORSEPOWER WITHOUT WASTING DOLLARS \$\$\$



ADDS HORSEPOWER WHILE HELPING REDUCE WASTE

Excellent Add-On Sale

IFA PART#	GENERAL DESCRIPTION	POP CODE*	CHAMP	FRAM	PENNZOIL	PUROLATOR	VALVOLINE
33-2031-2	INFINITI, NISSAN, SUBARU	AA	AF293	CA4309	PZA153	A24278	VA86
33-2129	99-11 SILVERADO, GMC SIERRA	AA	AF1519	CA8756	PZA237	A45314	VA115, 168
33-2135	99-11 SILVERADO, GMC SIERRA	AA	AF1518	CA8755	PZA237	A45314	VA115, 168
33-2247	02-11 DODGE RAM PICKUP	A	AF3590	CA9401	PZA271	A35462	VA160
33-2306	05-11 TOY TACOMA 4CYL 2.7L	B	AF3994	CA10163	PZA483	A35625	VA248
33-2670	98-04 VOLVO 70 SERIES 5CYL	C	N/A	CA8715	N/A	A34862	AP7912
E-0773	04-07 COLORADO, 06-07 H3	B	AF1624	CA9778	PZA469	A35556	VA181
E-0776	03-09 DODGE T.D., SRT-10	A	AF5980	CA9589	PZA454	A45512	VA177
E-0780	03-07 FORD 6.0L TD WITH INTAKE	A	AF1646	CA9516	PZA465	A45535	VA174
E-0781	06-10 POWERCORE 6.6L DURAMAX	B	AF2997	CA10161	N/A	A35638	VA218
E-0940	94-04 MUSTANG, 98-00 CONTOUR	A	AF7874	CA7730	PZA187	A34877	VA89
E-0945	97-10 FORD TRK, VAN, 96-04 MUS	AA	AF1615	CA8039	PZA206	A34878	VA94
E-0995	97-02 ESCORT, 02-03 ZX2	B	AF1643	CA8142	PZA207	A35155	N/A
E-1009	02-09 TRLBLZR, ENVOY, RAINIER	A	AF2014	CA9345	PZA269	A35433	VA161
E-1500	GM PRODUCTS	A	AF348	CA326	PZA11	A50091	VA2
E-1650	GM PRODUCTS	D	AF212	CA136	PZA12	A60074	VA4
E-1796	96-02 CHEVY, GMC PICKUP	A	AF1300	CA8038	PZA28	A45090	VA92
E-1946	94-97 FORD TD V8 7.3L (OVAL)	C	AF1617	CA7438	PZA201	A25042	VA93
RF-1041	UNIVERSAL K&N HIGH PERFORMANCE	A	N/A	N/A	N/A	N/A	N/A

K&N RECHARGER FILTER KIT



- * Simple six-step maintenance system designed to recharge any K&N air filter
- * Service kit restores air flow efficiency so the filter performs like new!
- * Includes a 12 ounce bottle of air filter cleaner (pump) and a 6.5 ounce bottle of aerosol filter oil (Cleans up to 4 vehicles)

IFA PART#
99-5000

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Luber-Finer filters are designed and manufactured according to strict OEM requirements

Luber-Finer has been a trusted name since 1936, providing high efficiency performance filters designed to keep vehicles and equipment running cleaner and longer!

HEAVY-DUTY OIL FILTERS

IFA PART#	GENERAL DESCRIPTION ***	LUBER-FINER	WIX	FRAM	PUROLATOR
L30019	WISCONSIN RV-38-S, V-460D	LFP2252	51110	PH21	L30019
L30068	98-02 MITSUBISHI FUSO FH 6CYL 5.9L T.D.	LFP6007	51798	PH3545	L30068
L30215	CHVY, ISUZU 7.8L DMAX, FORD TRKS 10.4L CAT	LFP5570	51268	PH3519A	L30215
L30279	ISUZU DETROIT DIESEL 3-53, 4-53	LFP947	51810	PH3690	L30279
L35495	99-09 CHEVY, GMC TILT CAB, ISUZU NPR T.D.	LFP5964	57521	HPH3690	L35495
L35636	06-11 FORD LOW CAB FORWARD V6 4.5L T.D.	LP8700	57214	N/A	L35636
L39260	87-89 FORD F800 DIESEL 6.6L, 7.8L	LFP781	51774	PH36A	L39260
L45194	87-93 FORD TRUCKS 6.6L, 7.8L DIESEL	PH6715	51754	PH7014	L45294
L45262	98-02 MITSUBISHI FUSO 4CYL 3.9L T.D.	LFP3307	51675	PH8936	L45262
L45318	MITS FK, FM, NISSAN UD WITH FE6T, FE6TA*	LFP5772	51376	PH3545	L45318
L45319	NISSAN FL201-Z9011, NISSAN UD 1800 TRKS	LFP8295	51641	P7700	L45319
L45391	FREIGHTLINER P700, CAT, CUMMINS B LIFT TRK	LFP3729	57182	PH8942	L45391
L46066	91-98 CHEVY, GMC TILT CAB, ISUZU NPR T.D.	LFP734	51673	HPH3690	L46066
L50068	GMC CABOVER 7.2L DIESEL, CAT, MACK, VOLVO	LFP3191	51791	PH49A	L50068
L50068XL	IMPERIAL VERSION OF L50068	LFP3191XL	51791XL	PH49AXL	L50068XL
L50300	DETROIT DIESEL ENGINES, 8V-71, 8V-92	LFP911	51970	PH3612	L50300
L54519	FORD 8.3L TRK, CUMMINS, KOMATSU FF/BY-P	LFP3000	51748	PH6349A	L54519
L55327	MITSUBISHI FK, FM SERIES TRK, NISSAN UD TRK	LFP2440	51674	PH8910	L55327
L59068	CATERPILLAR, MACK, VOLVO TRUCKS	N/A	N/A	PH8842	L59068
L60069	CATERPILLAR 2P-4005, 3406, 3408, C-SERIES	LFP4005	51792	PH3335	L60069
L65063	INTERNATIONAL, IHC DT408, DT466, DT530	LFP2285	51799	PH7138	L65063
L65328	CUMMINS ISM, ISX	LFP9000	57745XD	PH8690	L65328
L65239	CUMMINS SIGNATURE SERIES 600	LFP9001	57746XD	PH8691	L65329
LFP2050	98-99 HINO FE, FF, AND SG TRUCKS	LFP2050	57080	PH9116	N/A
LFP3970	CUMMINS 3937736 ISB 5.9L ENGINES	LFP3970	57182	PH8942	N/A
LFP8752	MITSUBISHI TRKS (ME088532)	LFP8752	N/A	PH9055	N/A
LFP9025	05-06 IHC DT466, DT570, HT570 7.6L, 9.3L	LFP9025	57744	N/A	N/A
LP5048	MERCEDES MBE4000 12.8L	LP5048	57213	N/A	N/A

* NON-RETURNABLE (P)=PRIMARY, (S)=SECONDARY

*** CHECK ALL HD APPS WITH MANUFACTURERS CATALOG

HEAVY-DUTY AIR FILTERS

IFA PART#	GENERAL DESCRIPTION ***	LUBER-FINER	WIX	FRAM	PUROLATOR
A44740	87-94 CHVY W4 TILT CAB, ISZU NPR 4CYL 3.9L	LAF1800	46357	CA5070	A44740
A45639	05-09 CHEVY, GMC TILT CAB, 05-09 ISUZU NPR	LAF5633	46932	N/A	A45639
A55216	FORD 429 7.0L	LAF6966	46553	CA7688	A55216
A62937	FORD TRUCKS WITH CATERPILLAR ENGINE	LAF6300	42776	CA1574	A62937
A62973	CASE, GEHL, FORD, I-R, JOHN DEERE (P) W/FIN	LAF281	42489	CAK1531	A62973
A63228	IHC 4700, 4800 S-SERIES TRUCKS (P)	LAF9545	42253	CA1596	A63228
A63229	IHC 4700, 4800 S-SERIES TRUCKS (S)	LAF7640	42254	CA1596ASY	A63229
A64506	92-09 TILT CAB, 87-09 NPR, 87-02 FUSO	LAF1947	46506	CA6696	A64506
A64516	VOLVO, WHITE TRUCKS	LAF1095	46675	CA3864	A64516
A64699	FORD, GM C-SERIES (P)	LAF1878	46433	CA7139	A64699
A65103	JOHN DEERE, STERLING DIESEL 7.8L (S)	LAF3533	46558	CA7495SY	A65103
A65343	JOHN DEERE, CHVY TILT CAB 7.8L DURAMAX (P)	LAF3930	46664	CA8466	A65343
A74700	DETROIT 60, FORD L, IHC (P)	LAF1849	46556	CA7140	A74700
A75168	FREIGHTLINER, DETROIT 50, CUMMINS (P)	LAF4498	46744	CA8659	A75168
A75686	03-09 CHEVY TOPKICK, KODIAK, C SERIES TRK	LAF2032	46907	CA9663	A75686
A75931	03-09 C6500, C7500, C8500	LAF2031	42824	CA9736	A75931
A84694	FORD B600, B800 6.6L	LAF1809	46845	CA6645	A84694
FA1753	F-SERIES 650, 750 TRUCKS W 6.0L DIESEL	N/A	42813	N/A	N/A
LAF1934	OTTAWA YT30, YT50 TRUCKS	LAF1934	46748	CA8130	N/A
LAF9099	IHC TRUCKS WITH INTERNATIONAL ENGINE (P)	LAF9099	46870	CA9346	N/A

HEAVY-DUTY FUEL FILTERS

IFA PART#	GENERAL DESCRIPTION ***	LUBER-FINER	WIX	FRAM	PUROLATOR
F50015	VARIOUS CUMMINS, HINO, KOMATSU	LFP1101F	33107	P1101A	F50015
F50149	VINTAGE ALFA ROMEO, LANDROVER DIESEL	L296F	33166	C1191A	F50149
F54509	98-05 CHVY TILT CAB, 98-03 ISUZU NPR 4.8L	LFF3415	33398	P6904, P8263	F54509
F55175	98-02 MITSUBISHI FUSO FE 3.9L, FH 5.9L T.D.	LFF3886	33397	P7075	F55175
F55293	CATERPILLAR WITH PERKINS FUEL MANAGER	L3102F	33546	PS9268	F55293
F60053	CATERPILLAR, NISSAN, FLEETGUARD	LFP440F	33352	P1104, P7402	F60053
F60222	04-09 CHEVY TILT CAB, ISUZU NPR 5.2L	FP941F	33128	PS4886	F60222
F60232	CUMMINS DIESEL 3315844	LFF5	33109	P3528A	F60232
F65041	FORD TRUCKS 6.6L, 7.8L, JOHN DEERE, VOLVO	LFF8063	33231	PS8187	F65041
F65120	IHC 4500, 4600, 4700, 4800, 4900 TRUCKS	LFF3579	33232	PS8186	F65120
F65214	CHVY KODIAC, TOPKICK, FORD F650, F750 7.2L	LFF4783	33626	P8264, P8490	F65214
F65255	96-02 IH, NAVISTAR DT466	LFF3349	33403	P7509, P8191	F65255
F69031	IHC TRUCKS AND BUSES (S)	FP603	33336	P1121, P3380	F69031
F71000	FUEL, WATER SEPARATOR CUMMINS CELECT	LFF1000	33406	PS6829, PS8048	F71000
F75062	IHC BUSES WITH DT408, DT466 7.6L	LFF3545	33420	P7742	F75062
F75185	CATERPILLAR 3046 HIGH EFFICIENCY	LFF2749	33674	P8335	F75185
LFF1007	FUEL, WATER SEPARATOR CUMMINS ISM, ISX	LFF1007	33423	PS8688	N/A
LFF2201	CUMMINS ISX	LFF2201	33711	N/A	N/A
LFF2203	KENWORTH WITH ISX CUMMINS	LFF2203	33691	P10272	N/A
LFF3553	HINO, ISUZU, MITS, NISSAN, TOY DIESEL (S)	LFF3553	33393	P9457	N/A
LFF5780	89-97 NISSAN FL403-99008, NISSAN UD TRKS	LFF5780	33352	P7402	N/A
W54452	COOLING SYSTEM / CONDITIONER FOR CUMMINS	LFW4744	24071	PR3908	W54452

* NON-RETURNABLE (P)=PRIMARY, (S)=SECONDARY

*** CHECK ALL HD APPS WITH MANUFACTURERS CATALOG

**FILTER WRENCHES / PLIERS
FOR HEAVY-DUTY APPLICATIONS**

**SEE PAGES 178 - 185
FOR A COMPLETE LIST OF FILTER WRENCHES**

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- * Designed to filter out dust, dirt, pollen, and other harmful contaminants from the air entering the passenger compartment
- * Cabin filters feature a pleated design which provides greater surface area for higher filtration capacity (more pleats = greater capacity for filtration!)
- * More than 100 part numbers available, covering the majority of vehicles equipped with Cabin Air filters
(Manufactured to OEM specifications)



2 MAIN DIFFERENT STYLES OF CABIN FILTERS

PARTICULATE - SCREENS OUT ROAD DUST, BACTERIA, MOLD SPORES, POLLENS AND OTHER POLLUTANTS



CHARCOAL - SAME AS PARTICULATE W/ACTIVATED CHARCOAL TO ABSORB HARMFUL GASES AND ODORS



Change cabin air filters every 12,000 to 15,000 miles or as specified by the manufacturer

DIFFERENT DEGREES OF DIFFICULTY

VERY EASY - 1 TO 2 MINUTE INSTALLATION
(NO TOOLS REQUIRED - EQUIVALENT TO REMOVING AND REPLACING AN AIR FILTER)

EASY - 2 TO 5 MINUTE INSTALLATION
(MINIMAL TOOLS REQUIRED - EQUIVALENT TO REMOVING AND REPLACING AN AIR FILTER)

MODERATE - 5 TO 10 MINUTE INSTALLATION
(TOOLS REQUIRED AND CABIN FILTER IS GENERALLY IN A HARD TO REACH LOCATION)

DIFFICULT - 15 TO 30 MINUTE INSTALLATION
(REMOVAL AND REPLACEMENT OF COWLINGS, WIPERS, ETC. TO REPLACE CABIN FILTER)

VERY DIFFICULT - 30 TO 45 MINUTE INSTALLATION
(MAJOR REMOVAL OF VEHICLE COMPONENTS)

CABIN INSTALLATION GUIDE



* COMPLETE INSTRUCTIONS FOR MOST CABIN FILTER APPLICATIONS

* INCLUDES 3-RING BINDER FOR STORAGE

IFA PART#
CCATALOG

C14860
 99-00 FORD CONTOUR, MERC MYSTIQUE, 99-02 COUGAR



PARTICULATE
EASY
 ENGINE COMPARTMENT

C15044
 95-97 LINCOLN CONTINENTAL V8 281 4.6L



PARTICULATE
EASY
 ENGINE COMPARTMENT

C15388
 99-02 CHEVY, GMC, 02 CADILLAC ESCALADE



PARTICULATE
EASY
 BELOW GLOVE COMPARTMENT

C15389
 99-07 FRD FREESTR, WINDSTR 04-07 MERCURY MONTEREY



PARTICULATE
VERY EASY
 ENGINE COMPARTMENT

C15390
 99-03 ACURA 3.2 98-02 HONDA ACCORD



PARTICULATE
VERY DIFFICULT
 BEHIND GLOVE COMPARTMENT

C15439
 02-06 ACURA, HONDA CR-V 01-05 CIVIC, 03-09 ELEMENT



PARTICULATE
EASY
 BEHIND GLOVE COMPARTMENT

C15471
 02-07 BUICK, 01-08 CHEVY 01-07 PONT, 05-07 SATURN



PARTICULATE
VERY EASY
 BEHIND GLOVE COMPARTMENT

C15506
 99-04 CHVY TRACKER, 99-04 SUZUKI VITARA, 01-02 XL-7



PARTICULATE
DIFFICULT
 BEHIND GLOVE COMPARTMENT

C15510
 99-06 BMW 323, 325, 328, 330, 01-06 M, M3, 04-10 X3



CHARCOAL
EASY
 ENGINE COMPARTMENT

C15537
 02-06 MINI COOPER, COOPER S 4CYL 1.6L



PARTICULATE
EASY
 UNDER PASS. DASHBOARD

C15599
 99-10 JEEP GRAND CHEROKEE



PARTICULATE
MODERATE
 ENGINE COMPARTMENT

C15637
 00-06 BMW X5, 06-07 LR3, 03-11 RANGEROVER



CHARCOAL
MODERATE
 ENGINE COMPARTMENT

C15659
 03-06 MAZDA MPV 04-11 RX-8



CHARCOAL
EASY
 BEHIND GLOVE COMPARTMENT

C15831
 07-11 MINI COOPER, COOPER S



PARTICULATE
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C15850
 04-11 NISSAN QX56, ARMADA, TITAN V8 5.6L



PARTICULATE
DIFFICULT
 ENGINE COMPARTMENT

C15862
 07-09 KIA SORENTO



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<p>C15868</p> <p>04-09 NISSAN QUEST</p>  <p>PARTICULATE EASY BEHIND GLOVE COMPARTMENT</p>	<p>C15873</p> <p>04-09 MAZDA3, 07-09 MAZDASPEED, 06-10 MAZDA5</p>  <p>PARTICULATE MODERATE ENGINE COMPARTMENT</p>	<p>C16108</p> <p>99-01 NISSAN ALTIMA, 99-04 PATHFINDER</p>  <p>PARTICULATE EASY BEHIND GLOVE COMPARTMENT</p>	<p>C16110</p> <p>03-05 NISSAN XTERRA 2.4, 3.3, 4.0L, FRONTIER 2.4L</p>  <p>PARTICULATE EASY BEHIND GLOVE COMPARTMENT</p>
<p>C16112</p> <p>04 NISSAN MAXIMA (B7200-3Y000)</p>  <p>PARTICULATE CALL FOR INFO</p>	<p>C18153</p> <p>96-06 MERCEDES-BENZ CL, E, AND S CLASS</p>  <p>PARTICULATE MODERATE BEHIND GLOVE COMPARTMENT</p>	<p>C18156</p> <p>97-02 MERCEDES-BENZ SL500, SL600, 97 SL320</p>  <p>PARTICULATE MODERATE ENGINE COMPARTMENT</p>	<p>C25082</p> <p>96-07 FORD TAURUS 96-05 MERCURY SABLE</p>  <p>PARTICULATE EASY ENGINE COMPARTMENT</p>
<p>C25245</p> <p>97-11 CHEVROLET, 98-02 OLDS INTRIGUE, 04-08 PONT</p>  <p>PARTICULATE EASY ENGINE COMPARTMENT</p>	<p>C25246</p> <p>97-00 VENTURE, OLDS SIL, 99-00 MNTNA, 96-98 TRNSPT</p>  <p>CHARCOAL VERY EASY BEHIND GLOVE COMPARTMENT</p>	<p>C25387</p> <p>00-04 FORD FOCUS 4CYL 2.0, 2.3L</p>  <p>PARTICULATE MODERATE ENGINE COMPARTMENT</p>	<p>C25447</p> <p>98-02 MERCURY VILLAGER, NISSAN QUEST V6 3.0, 3.3L</p>  <p>CHARCOAL DIFFICULT ENGINE COMPARTMENT</p>
<p>C25450</p> <p>95-01 LEXUS ES300 V6 3.0L</p>  <p>CHARCOAL MODERATE UNDER CENTER DASHBOARD</p>	<p>C25478</p> <p>01-06 FORD ESCAPE, MAZDA TRIBTE, 05-06 MERCY MARNR</p>  <p>PARTICULATE MODERATE ENGINE COMPARTMENT</p>	<p>C25480</p> <p>00-05 SATURN L100, L200, L300, LS, LW SEDAN/WAGON</p>  <p>PARTICULATE VERY EASY ENGINE COMPARTMENT</p>	<p>C25483</p> <p>93-00 VOLVO 850, C70, S70, S90, V70, V90</p>  <p>PARTICULATE MODERATE ENGINE COMPARTMENT</p>

C2549005-09 CHVY EQUINOX, 02-07
SAT VUE, 07-09 SUZUKI XL-7

PARTICULATE

EASY

ENGINE COMPARTMENT

C2553202-10 BMW 745, 750, 760
04-09 ROLLS ROYCE PHANTOM

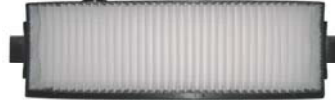
CHARCOAL

EASY

ENGINE COMPARTMENT

C25542

94-03 SAAB 900, 9-3



PARTICULATE

EASY

ENGINE COMPARTMENT

C25561

00-09 HONDA S2000 4CYL 2.2L



PARTICULATE

EASY

ENGINE COMPARTMENT

C2557105-11 ESCAPE HYBRID, 06-11
MARINER HYB, 08 TRIBUTE HYBHIGH VOLTAGE
BATTERY PACK FILTER

PARTICULATE

MODERATE

DRIVER SIDE PANEL

C25572

05-11 FORD MUSTANG



PARTICULATE

EASY

ENGINE COMPARTMENT

C2560002-08 JAGUAR X-TYPE V6
2.5, 3.0L

PARTICULATE

MODERATE

ENGINE COMPARTMENT

C2562304-09 CADILLAC XLR, XLRV,
05-11 CHEVY CORVETTE

CHARCOAL

DIFFICULT

ENGINE COMPARTMENT

C2562406-11 BMW 1 SERIES,
3 SERIES 3.0L

CHARCOAL

MODERATE

BEHIND GLOVE COMPARTMENT

C2566492-98 BMW 3 SERIES,
95-99 BMW M3

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MODERATE

BEHIND GLOVE COMPARTMENT

C2568507-11 ESCAPE, TRIBUTE,
MARINER (+ HYBRIDS)

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MODERATE

ENGINE COMPARTMENT

C2576005-11 AUDI A6,
07-11 AUDI S6, 07 S8

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MODERATE

BEHIND GLOVE COMPARTMENT

C2576405-11 FRONTIER, PATHFINDER,
XTERRA, 09-11 EQUATOR

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C25769

95-01 BMW 740, 750 SERIES



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C2583610-11 CHEVY EQUINOX, GMC
TERRAIN, 08-09 SATURN VUE

PARTICULATE

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C2583708-09 SATURN ASTRA
4CYL 1.8L

PARTICULATE

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<p>C25838</p> <p>04-11 SAAB 9-3</p>  <p>PARTICULATE EASY BEHIND GLOVE COMPARTMENT</p>	<p>C25840</p> <p>08-11 VOLVO S80, V70, XC60, XC70, 08-11 LR2</p>  <p>PARTICULATE EASY BEHIND GLOVE COMPARTMENT</p>	<p>C25853</p> <p>06-11 SUZUKI GRAND VITARA</p>  <p>PARTICULATE CALL FOR INFO</p>	<p>C25855</p> <p>02-07 SUBARU IMPREZA</p>  <p>PARTICULATE CALL FOR INFO</p>
<p>C25858</p> <p>07-11 MAZDA CX-7 2.3L, 2.5L</p>  <p>PARTICULATE CALL FOR INFO</p>	<p>C25863</p> <p>07-08 HONDA FIT 4CYL 1.5L</p>  <p>PARTICULATE CALL FOR INFO</p>	<p>C25864</p> <p>07-11 NISSAN SENTRA, ALTIMA, ROGUE</p>  <p>PARTICULATE CALL FOR INFO</p>	<p>C25869</p> <p>07-11 CHRYSLER, DODGE</p>  <p>CHARCOAL CALL FOR INFO</p>
<p>C25870</p> <p>06-11 INFINITI M5, M45 3.5, 4.5L, 08-11 CHRYS T&C</p>  <p>PARTICULATE CALL FOR INFO</p>	<p>C25876</p> <p>07-11 FORD EDGE, LINCOLN MKX, 07-11 MAZDA CS-9</p>  <p>PARTICULATE CALL FOR INFO</p>	<p>C25877</p> <p>07-11 NISSAN VERSA</p>  <p>PARTICULATE CALL FOR INFO</p>	<p>C25878</p> <p>02-06 HYUNDAI ACCENT 4CYL 1.5, 1.6L</p>  <p>PARTICULATE CALL FOR INFO</p>
<p>C28165</p> <p>98-09 SAAB 9-5</p>  <p>CHARCOAL CALL FOR INFO</p>	<p>C28233</p> <p>98-03 VOLKSWAGEN EUROVAN V6 2.8L</p>  <p>PARTICULATE MODERATE ENGINE COMPARTMENT</p>	<p>C28906</p> <p>94-95 AUDI 90, 96-01 A4 00-02 S4, 98-01 VW PASSAT</p>  <p>PARTICULATE EASY ENGINE COMPARTMENT</p>	<p>C28909</p> <p>87-95 BMW 525, 530, 535, 540, 735, 740, 750, M5</p>  <p>PARTICULATE MODERATE BEHIND GLOVE COMPARTMENT</p>

C35402

97-01 HONDA CR-V 4CYL
00-07 HONDA INSIGHT 3CYL



PARTICULATE

DIFFICULT

BEHIND GLOVE COMPARTMENT

C35409

97-05 BUICK PARK AVENUE V6
231 3.8L



PARTICULATE

DIFFICULT

UNDER CENTER DASHBOARD

C35413

00-04 BUICK LESABRE, PONT
BONNEVILLE (W/HOUSING)



PARTICULATE

VERY EASY

ENGINE COMPARTMENT

C35425

96-04 ACURA 3.5RL V6



PARTICULATE

VERY DIFFICULT

BEHIND GLOVE COMPARTMENT

C35426

98-00 LEXUS GS300 6CYL
GS400 V8



PARTICULATE

MODERATE

UNDER CENTER DASHBOARD

C35448

00-05 BUICK LESABRE, PONT
BNNVLE, 01-03 OLDS AURORA



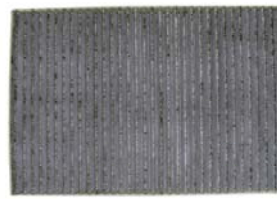
PARTICULATE

EASY

ENGINE COMPARTMENT

C35473

98-00 AUDI A6 2.7, 2.8, 4.2L



CHARCOAL

MODERATE

ENGINE COMPARTMENT

C35475

98-04 CADILLAC SEVILLE V8
279 4.6L



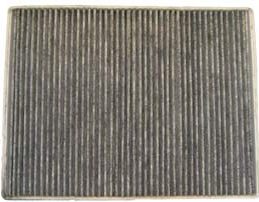
CHARCOAL

DIFFICULT

UNDER CENTER DASHBOARD

C35477

00-05 CADILLAC DEVILLE V8
06-09 CADILLAC DTS V8



CHARCOAL

EASY

ENGINE COMPARTMENT

C35479

04-09 LEXUS, 00-10 TOYOTA



PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35484

02-09 AUDI A4, 01-04 A6
04-09 S4, 02-04 S6



CHARCOAL

MODERATE

ENGINE COMPARTMENT

C35491

03-08 TOYOTA COROLLA,
MATRIX 4CYL 1.8L



PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35494

01-08 CHRYS, 01-07 DODGE
CARAVAN, GRAND CARAVAN



CHARCOAL

EASY

BELOW GLOVE COMPARTMENT

C35498

02-05 FORD THUNDERBIRD
00-02 JAG S-TYPE, LINC LS



PARTICULATE

EASY

ENGINE COMPARTMENT

C35504

01-09 MERCEDES-BENZ
C SERIES AND CLK SERIES



CHARCOAL

EASY

UNDER GLOVE COMPARTMENT

C35509

97-03 BMW 525, 528, 530,
540, M5



CHARCOAL

EASY

ENGINE COMPARTMENT

CABIN FILTERS

FOR ORDERS OR QUESTIONS - TOLL FREE

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45

C35516

00-02 MAZDA MPV, 04-11 MITS,
00-11 TOY, 05-11 SUB



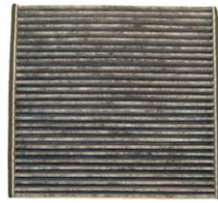
PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35518

01-05 LEXUS GS300, GS430,
01-06 LS430, 02-10 SC430



CHARCOAL

EASY

BEHIND GLOVE COMPARTMENT

C35519

04-11 ACURA, 03-11 HONDA
ACCORD, 06-11 CIVIC, CR-V



PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35520

96-06 MERCEDES CL, E, S
SERIES, 03-11 MAYBACH



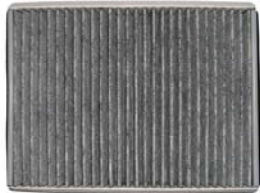
CHARCOAL

EASY

UNDER GLOVE COMPARTMENT

C35526

03-06 LINCOLN LS V6
02-08 JAGUAR



CHARCOAL

EASY

ENGINE COMPARTMENT

C35530

03-08 INFINITI, 08-11 MITS,
00-08 NISSAN



PARTICULATE

EASY

ENGINE COMPARTMENT

C35533

97-03 AUDI A8
01-03 AUDI S8 4.2L



PARTICULATE

MODERATE

ENGINE COMPARTMENT

C35541

02-05 LAND ROVER
FREELANDER V6 2.5L



PARTICULATE

EASY

UNDER PASS. DASHBOARD

C35549

02-03 LEXUS ES300, 03-05
GX470, 04-06 RX330



CHARCOAL

EASY

BEHIND GLOVE COMPARTMENT

C35550

01-02 MAZDA MILLENIA



PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35551

00-02 MAZDA 626



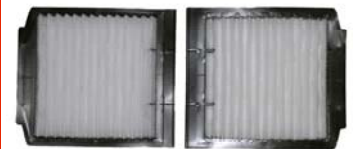
FOAM

MODERATE

UNDER CENTER DASHBOARD

C35562

95-02 LAND ROVER
RANGEROVER V8



PARTICULATE

EASY

ENGINE COMPARTMENT

C35576

03-05 SUZUKI GRAND VITARA
V6 2.5, 03-06 XL-7



PARTICULATE

DIFFICULT

BEHIND GLOVE COMPARTMENT

C35586

06-11 AUDI A3, TT, 05-12 VW
GLI, GTI, JETTA, PASSAT, R32



CHARCOAL

EASY

UNDER PASS. DASHBOARD

C35643

03-08 MAZDA6



PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35644

03-08 PONTIAC VIBE 4CYL 1.8L,
06-11 TOYOTA TACOMA



PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35660

07-11 HYUNDAI ELANTRA
4CYL 2.0L



PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35661

06-10 HYUN AZERA, SANTA FE,
SONATA, KIA OPTIMA



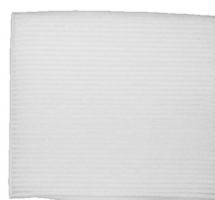
PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35667

06-11 LEXUS, 08-11 SCION,
05-11 TOYOTA



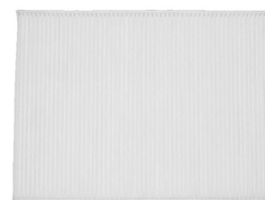
PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35668

06-11 BUICK LUCERNE V6, V8



PARTICULATE

CALL FOR INFO

C35674

07-10 HYUNDAI ACCENT
4CYL 1.6L



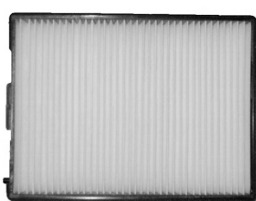
PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35675

01-06 HYUNDAI SANTA FE,
99-05 SONATA, 01-05 XG300



PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35676

05-10 COBALT, 06-11 HHR,
07-11 G5, 03-07 ION



PARTICULATE

EASY

BEHIND GLOVE COMPARTMENT

C35677

05-10 CHRYSLER 300,
DODGE CHARGER, MAGNUM



CHARCOAL

EASY

BEHIND GLOVE COMPARTMENT

C35762

03-10 VW TOUAREG, 07-11
AUDI Q7, 03-10 CAYENNE



CHARCOAL

EASY

ENGINE COMPARTMENT

C35834

07-09 DODGE SPRINTER,
10-11 MERCEDES SPRINTER



PARTICULATE

CALL FOR INFO

C35856

04-09 KIA SPECTRA,
09 KIA BORREGO



PARTICULATE

CALL FOR INFO

C35860

04-08 SUZUKI FORENZA, RENO



PARTICULATE

CALL FOR INFO

C35861

07-11 HYUNDAI VERACRUZ
V6 3.8L



PARTICULATE

CALL FOR INFO

C35872

00-04 LEGACY, 03-06 BAJA,
00-03 OUTBACK



PARTICULATE

CALL FOR INFO

C36071

08-11 AUDI A5, S5



CHARCOAL

CALL FOR INFO

C37615

97-01 CADILLAC CATERA
V6 181 3.0L



PARTICULATE

EASY



ENGINE COMPARTMENT

CABIN FILTERS

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<p>C38184 98-05 MERCEDES-BENZ ML SERIES</p>  <p>PARTICULATE EASY BELOW GLOVE COMPARTMENT</p>	<p>C38188 03-07 XA, XB, 09-10 TC, 00-06 ECHO, 01-05 RAV4</p>  <p>PARTICULATE EASY BEHIND GLOVE COMPARTMENT</p>	<p>C38210 01-04 VOLVO S40, V40 4CYL 1.9L</p>  <p>PARTICULATE EASY UNDER GLOVE COMPARTMENT</p>	<p>C38222 99-05 LEXUS IS300, RX300, 01-07 TOYOTA HIGHLANDER</p>  <p>PARTICULATE EASY BEHIND GLOVE COMPARTMENT</p>
<p>C38908 04-08 CHRYSLER CROSSFIRE, 94-04 MERCEDES C, CLK, SLK</p>  <p>PARTICULATE EASY UNDER GLOVE COMPARTMENT</p>	<p>C45128 03-11 BMW Z4 6CYL</p>  <p>PARTICULATE EASY BEHIND GLOVE COMPARTMENT</p>	<p>C45383 00-06 AUDI TT, 94-11 VW BEETLE, GOLF, GTI, JETTA</p>  <p>PARTICULATE EASY ENGINE OR TOP OF DASH</p>	<p>C45384 97-03 FORD EXPDTN, 97-04 F150-F550, 98-04 LINC NAV</p>  <p>PARTICULATE EASY UNDER PASS. DASHBOARD</p>
<p>C45459 01-06 ACURA MDX, 99-04 HONDA ODYSSEY, 03-08 PILOT</p>  <p>PARTICULATE DIFFICULT BEHIND GLOVE COMPARTMENT</p>	<p>C45460 92-99 MERCEDES-BENZ 300, 400, 500, 600, S SERIES</p>  <p>PARTICULATE EASY ENGINE COMPARTMENT</p>	<p>C45508 99-11 VOLVO C70, S60, S80, V70, XC70, XC90</p>  <p>PARTICULATE MODERATE UNDER GLOVE COMPARTMENT</p>	<p>C45527 03-04 CAD ESCLADE, CHVY AVLNCH, SLVRDO, GMC SRRA</p>  <p>PARTICULATE EASY BELOW GLOVE COMPARTMENT</p>
<p>C45621 04-11 VOLVO C30, C70, S40, V50</p>  <p>PARTICULATE MODERATE BEHIND GLOVE COMPARTMENT</p>	<p>C45654 03-11 CADILLAC CTS, CTS-V, SRX, STS, STS-V</p>  <p>PARTICULATE DIFFICULT ENGINE COMPARTMENT</p>	<p>C45662 01-06 ELNTRA, 07-09 ENTRG, 03-08 TBURN, 06-10 SEDONA</p>  <p>PARTICULATE EASY BEHIND GLOVE COMPARTMENT</p>	<p>C45871 07-11 ALTIMA, 09-11 MAXIMA, 09-11 MURANO</p>  <p>PARTICULATE CALL FOR INFO</p>

C55385

98-02 LINCOLN CONTINENTAL
V8 281 4.6L



PARTICULATE
EASY
ENGINE COMPARTMENT

C-AMANTI

04-09 KIA AMANTI



PARTICULATE
CALL FOR INFO

C-AUDIA8

03-10 AUDI A8, 08-09 S8



CHARCOAL
CALL FOR INFO

C-AVEO

04-11 CHEVY AVEO
(GM 96539649)



PARTICULATE
CALL FOR INFO

C-BMW56

04-11 BMW 5-SERIES, 6-SERIES



CHARCOAL
CALL FOR INFO

C-DODGE

09 DODGE GRAND CARAVAN,
CHRYSLER T&C



PARTICULATE
CALL FOR INFO

C-ENCLAVE

09 BUICK ENCLAVE



FOAM
CALL FOR INFO

C-09FIT

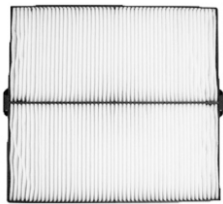
09-11 HONDA FIT, 11 CR-Z,
10-11 INSIGHT



PARTICULATE
CALL FOR INFO

C-FOREST

03-08 SUBARU FORESTER



PARTICULATE
CALL FOR INFO

C-GS430

06-07 LEXUS GS430 4.3L



CHARCOAL
CALL FOR INFO

C-JEEP

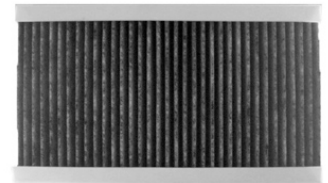
08-09 CHRYSLER, DODGE, JEEP



CHARCOAL
CALL FOR INFO

C-LAND40

07 LAND ROVER LR3,
RANGE ROVER SPORT



CHARCOAL
CALL FOR INFO

C-LEGEND

91-96 ACURA LEGEND



FOAM
CALL FOR INFO

C-LS400

95-00 LEXUS LS400



PARTICULATE
CALL FOR INFO

C-LS460

09 LEXUS LS460, LS460L,
LS600HL (REAR)



CHARCOAL
CALL FOR INFO

C-LX470

98-07 LEXUS LX470



PARTICULATE
CALL FOR INFO

CABIN FILTERS

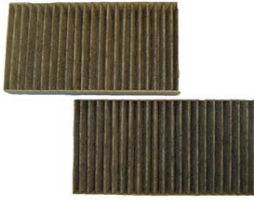
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C-MERC

06-11 MERCEDES
G, R, M-CLASS



CHARCOAL

CALL FOR INFO

C-MITS

08-09 MITSUBISHI LANCER,
OUTLANDER



PARTICULATE

CALL FOR INFO

C-NITRO

08-11 DODGE NITRO, JEEP
LIBERTY

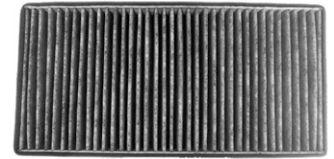


PARTICULATE

CALL FOR INFO

C-PORSCHE

97-04 PORSCHE BOXSTER, 911,
CARRERA 4



CHARCOAL

CALL FOR INFO

C-PRIX

PONTIAC GRAND PRIX



PARTICULATE

CALL FOR INFO

C-PTC

02-09 CHRYSLER PT CRUISER



PARTICULATE

CALL FOR INFO

C-SPRINT

04-06 DODGE SPRINTER

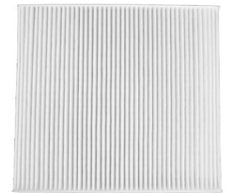


PARTICULATE

CALL FOR INFO

C-TUCSON

05-11 HYUNDAI TUCSON,
KIA RIO, SPORTAGE



PARTICULATE

CALL FOR INFO

C-VIBE

09-10 PONT VIBE, 11 SUBARU
LEGACY, 09-11 TOYOTA



PARTICULATE

CALL FOR INFO

C-YARIS

07 TOYOTA YARIS



PARTICULATE

CALL FOR INFO

PUSH PIN CABIN PLIERS



TOOLS:
PAGE 222

* See oil/air filter quick cross reference guide, pages 6 or 23, for complete info and instructions on how to use popularity charts



Top 10 numbers

Next 17 numbers

Next 23 numbers

Next 28 numbers

Next 30 numbers

Last 37 numbers

KEY TO POPULARITY CODES*

AA - 68% OF SALES

A - 21% OF SALES

B - 7% OF SALES

C - 2% OF SALES

D - 1% OF SALES

F - <1% OF SALES

* POP CODE RATING IS BASED ON NATIONAL SALES DATA COMPILED BY INTERNATIONAL FILTERS AND MAY DIFFER FROM BUSINESS TO BUSINESS

CABIN FILTER QUICK CROSS REFERENCE

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						CF1038	C35494	AQ1035	C35413

GKI

HERITAGE

CABIN FILTER QUICK CROSS REFERENCE



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AQ1037	C25387	AQ1061	C25450			E1AC1018	C25483	E1AC2008	C15389
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AQ1046C	C15510	AQ1071	C35402	E1AC1005	C55385	E1AC1026	C45383	E1AC2019	C25450
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AQ1048	C35479	AQ1074C	C35533	E1AC1007	C14860	E1AC1029	C25480	E1AC2021	C15471
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AQ1055C	C35509	AQ1085	C35676	E1AC1012	C15439	E1AC2003	C15388	E1AC2026	C45383
AQ1056	C15506	AQ1087	C35530	E1AC1013	C45459	E1AC2004	C15044	E1AC2028	C35491
AQ1058	C35519	AQ1095	C15850	E1AC1014	C35479	E1AC2005	C55385		
AQ1059	C25447	AQ1096	C35677	E1AC1016	C25447	E1AC2006	C15390		

CABIN FILTER HARDWARE AND ASSORTMENT KIT

CABIN AIR FILTER ASSORTMENT KIT INCLUDES:

- (10) 4100 - 4MM SCREW (FORD TAURUS / MERCURY SABLE)
 - (5) 4101 - VENT COWL (FORD TAURUS / MERCURY SABLE)
 - (10) 4102 - PLASTIC SCREW (FORD TAURUS / MERCURY SABLE)
 - (10) 4103 - RETAINER CLIP (FORD TAURUS / MERCURY SABLE)
 - (4) 4104 - AIR VENT COWL SCREW/CLIP (FORD CONTOUR / MERCY MYSTIQUE)
 - (4) 4105 - SELF TAPPING SEMS TRIM SCREW (FORD CONTOUR / MERCY MYSTIQUE)
 - (10) 4106 - SCREW COVER CAP (FORD CONTOUR / MERCURY MYSTIQUE)
 - (5) 4107 - AIR VENT COWL RETAINER (GM)
 - (5) 4108 - AIR VENT COWL RETAINER (GM)
 - (4) 4109 - AIR VENT COWL RETAINER (OLDSMOBILE / GM)
 - (5) 4110 - AIR VENT COWL RETAINER (FORD)
 - (4) 4111 - AIR VENT COWL RETAINER (FORD FOCUS)
 - (3) 4112 - AIR VENT COWL RETAINER (FORD / LINCOLN LS)
- AND PLASTIC STORAGE CASE



IFA PART#

4199



Additional Starter Kits - Page 286



All fuel filters are sold individually!!!
NO CASE REQUIREMENTS

MANUFACTURED TO MEET OR EXCEED OEM SPECIFICATIONS



- Top 7 numbers
- Next 20 numbers
- Next 33 numbers
- Next 39 numbers
- Next 51 numbers
- Last 51 numbers

KEY TO POPULARITY CODES*

AA - 60% OF SALES
A - 27% OF SALES
B - 9% OF SALES
C - 2% OF SALES
D - 1% OF SALES
F - 1% OF SALES

* See oil/air filter quick cross reference guide on pages 6 or 23 for complete info and instructions on how to use popularity charts

* POP CODE RATING IS BASED ON NATIONAL SALES DATA COMPILED BY INTERNATIONAL FILTERS AND MAY DIFFER FROM BUSINESS TO BUSINESS

<p>F10028</p>  <p>77-78 FORD PUP, LINC, MERC, 77-79 LINC CONT</p>	<p>F10035</p>  <p>79-87 FORD, MERCURY</p>	<p>F10131</p>  <p>68-69 AMERICAN MOTORS, 65-83 FORD, LINCOLN, MERCURY</p>	<p>F10157</p>  <p>76-83 BUICK, OLDS, PONT, 76-88 CHEVY, GMC</p>	<p>F10158</p>  <p>76-90 BUICK, CAD, CHEVY, GMC, OLDS, PONT, 84-86 JEEP</p>
<p>F20002</p>  <p>74-77 CORONA, 81-87 LAND CRUISER, 87-90 TERCEL</p>	<p>F20005</p>  <p>71-74 DODGE COLT, 67-85 NISSAN, 71-73 PLYMOUTH CRICKET</p>	<p>F20011</p>  <p>PRE '81 AMC, CHVY, DODGE, LINC, OLDS, PLY, 81-94 ISUZU</p>	<p>F20030</p>  <p>75-89 CHRYSLER, DODGE, PLYMOUTH</p>	<p>F20036</p>  <p>82-84 CHRYSLER, 81-87 DODGE, PLYMOUTH 4CYL 135 2.2L</p>
<p>F20162</p>  <p>80-89 SUBARU 1.6L, 1.8L, 74-79 TOYOTA 2.6L</p>	<p>F20252</p>  <p>82-85 HONDA ACCORD, 82 HONDA PRELUDE 1.8L 3BBL</p>	<p>F20265</p>  <p>85-88 CHEVY NOVA, 83-89 TOYOTA COROLLA 1.6L</p>	<p>F20280</p>  <p>84-87 HONDA CIVIC, CRX, WAGOVAN 1.3L, 1.5L 3BBL</p>	<p>F21111</p>  <p>65-82 CHEVY, 81-83 DODGE, 57-71 JEEP, 58-66 PONTIAC</p>
<p>F21115</p>  <p>75-84 CADILLAC, 59-77 DODGE, 62-76 FORD, 58-81 PLYMOUTH</p>	<p>F21117</p>  <p>66-91 JEEP, 75-84 AMC, 63-66 BUICK, 88 EAGLE</p>	<p>F23160</p>  <p>86-89 HONDA ACCORD, 88-90 HONDA PRELUDE 4CYL 2.0L</p>	<p>F23161</p>  <p>83-87 HONDA PRELUDE 4CYL 1.8L WITH 2 - 1BBL</p>	<p>F23162</p>  <p>86-89 HONDA ACCORD, 88-90 HONDA PRELUDE 4CYL 2.0L</p>

FUEL FILTERS

FOR ORDERS OR QUESTIONS - TOLL FREE

PH: 1-800-872-2333 FAX: 1-800-569-6412

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F23170



88-91 FORD FSTIVA,
82-93 MAZDA PICKUP,
85-87 SUBARU

F24404



85-89 CHEVY,
GEO SPECTRUM,
ISUZU I-MARK

F29157



78-84 TOYOTA CELICA,
79-90 PICKUP, 80-88
TERCEL

F29158



75-87 DODGE,
PLYMOUTH, 84-89
HYUNDAI, 83-90 MITS

F29160



80-89 DODGE,
PLYMOUTH, 82-85 CHEVY
S10, GMC S15

F33141



82-85 CADILLAC V8 250
4.1L (VIN 8)

F33142



82 BUICK, CHEVY, OLDS,
PONTIAC 4CYL 151 2.5L

F33144



83-03 CADILLAC, 83-06
CHEVY, GMC, 91-09
JAGUAR

F33165



82-84 CHEVY CORVETTE
V8 350 5.7L

F33173



83-85 BUICK, OLDS,
PONTIAC, 83-91 CHEVY,
86-91 GMC

F34713



90-93 GEO STRM, 90-92
ISUZU IMPULSE, 91-93
STYLUS

F35256



97-99 CAD DEVILLE,
97-02 ELDORADO,
97 SEVILLE V8

F40163



80-85 HONDA ACCORD,
84-87 CIVIC, CRX, 80-87
PRELUDE

F40263



90-91 LEXUS ES250,
83-91 TOYOTA CAMRY

F43153



88-89 MAZDA 323,
86-87 626, 88 MERCY
TRACER

F43176



81-87 DODGE,
PLYMOUTH, CHRYSLER
4CYL 156 2.6L 2 BBL

F43178



90-03 INFINITI, 88-95
ISUZU, 83-04 NISSAN

F44605



90-93 DODGE RAM,
90-96 MITS MMAX,
86-92 TOYOTA SUPRA

F44658



88-91 MAZDA 929 V6
3.0L

F44663



93-99 INFINITI,
90-01 NISSAN

F44705



91-95 CHRYSLER, DODGE,
PLYMOUTH

F44710



95-04 HYUNDAI, 01-06
KIA, 90-98 LEXUS, 88-04
TOYOTA

F44760



90-94 HYUNDAI EXCEL,
91-95 SCOUPE, 91-94
MITSUBISHI PRECIS

F44804



87-88 DODGE, PLY COLT,
87-89 DODGE RAM 50,
MITS MMAX

F44870



94-01 ACURA, HONDA,
96-97 ISUZU OASIS

F45067



95-99 HYUNDAI ACCENT,
93-95 SCOUPE 4CYL 1.5L

F45068



95-96 LEXUS ES300,
95-01 TOYOTA CAMRY,
99-01 SOLRA

F45069



95-98 TOYOTA PASEO,
95-99 TERCEL 4CYL 1.5L

F45115



96-00 CHRYSLER
SEBRING, DODGE
AVENGER

F45134



94-99 TOYOTA CELICA
4CYL 2.2L

F45158

95-00 LEXUS LS400 V8
4.0L

F45191

96-00 TOYOTA RAV4,
97-02 MITSUBISHI MIRAGE

F50126

86-87 FORD BRONCO,
86 E & F SERIES,
86-89 RANGER

F50153

75-93 MERCEDES-BENZ
DIESEL

F50155

97-01 CADILLAC CATERA,
78-80 AUDI,
87-94 MASERATI

F50298

83-87 FORD VANS &
PICKUPS V8 420 6.9L
DIESEL

F50359

75-85 MERCEDES-BENZ
DIESEL (SECONDARY)

F53157

84-89 TOYOTA VANS
4CYL 2.0, 2.2L

F53159

86-89 ACURA INTEGRA
1.6L, 87 HONDA CIVIC,
CRX 1.5L

F53163

86-89 SECONDARY
HONDA ACCORD 4CYL
2.0L

F53164

85-87 HONDA PRELUDE
4CYL 2.0L

F53168

88 CHEVY NOVA, 86-89
TOYOTA CELICA, 87-88
COROLLA

F53185

90 CHRYSLER T&C, 85-90
DODGE OMNI, 88-90
PLYMOUTH HORIZON

F53190

85-87 CHRYSLER, DODGE,
PLYMOUTH 4CYL 2.2,
2.5L

F53191

93-05 AUDI, 85-92
PEUGEOT, 88-05 VW,
88-90 JAGUAR

F54469

87-98 CHEVY W4, ISUZU
NPR 3.9L, 95-98 GMC
TILT CAB

F54488

86-88 ACURA LEGEND
V6, 87-91 STERLING 825,
827

F54495

87-88 NISSAN SENTRA
4CYL 1.6L 2BBL

F54497

83-94 VARIOUS SUBARU
1.8, 2.7L

F54604

85-95 TOYOTA 4RUN,
82-85 CELICA, 85-95
PICKUP 2.4L

F54611

87-93 CHRYSLER, 88-90
DODGE, PLYMOUTH

F54617

88-91 DODGE DAKOTA,
VAN, WAGON, 88-93
D&W PKUP

F54618

91-95 CHRYSLER T&C,
88-95 DODGE CARAVAN,
PLY VYAGR

F54637

88-91 HONDA PRELUDE
4CYL 2.0, 2.1L

F54638

88-91 HONDA CIVIC, CRX,
88-89 WAGOVAN 1.5,
1.6L

F54664

89-97 GEO PRIZM, 88-97
TOYOTA COROLLA 4CYL

F54665

89-94 GEO METRO,
SUZUKI SWIFT

F54666

89-93 FORD FESTIVA
4CYL 1.3L

F54667

90-92 FORD PROBE,
88-92 MAZDA 626, MX6
2.2L

F54668

05-07 SAAB 9-2X, 93-04
SUBARU

FUEL FILTERS

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PH: 1-800-872-2333 FAX: 1-800-569-6412

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F54672



89-97 PONTIAC CENTURY,
89-90 CHEVY CELEBRITY,
89-96 OLDS

F54675



89-93 DODGE D AND W
SERIES PICKUPS 6CYL
5.9L TD

F54686



90-91 CHEVY LUMINA,
OLDS SILHOUETTE,
PONTIAC TRANS AM

F54688



90-91 ACURA INTEGRA
4CYL 1.8L DOHC

F54689



90-93 HONDA ACCORD,
92-94 CIVIC, 93-94 DEL
SOL

F54692



88-94 FORD PICKUP V8
445 7.3L

F54708



90-98 MAZDA 4CYL,
93-97 KIA SEPHIA 1.6L,
1.8L

F54714



92-05 BUICK, 92-05
CHEVY, PONTIAC, 03-05
GMC

F54718



90-96 DODGE DAKOTA,
91-93 RAMCHARGER

F54719



94-04 HUMMER, 92-02
CHEVY, GMC V8 395 6.5L

F54723



86-89 MAZDA 323,
91-94 MERCURY CAPRI
4CYL 1.6L

F54785



90-97 MAZDA MIATA MX5
4CYL 1.6, 1.8L

F54790



89-90 ACURA LEGEND
2.7L, 91-95 LEGEND 3.2L

F54794



91-98 MERCURY, 80-96
NISSAN, 95-02 MAZDA

F54821



89-98 MAZDA MPV V6
3.0L

F54828



92-94 ACURA VIGOR,
92-96 HONDA PRELUDE

F54833



92-95 MAZDA 929,
95-02 MAZDA MILLENIA

F54834



90-91 DODGE, PLYMOUTH
COLT, EAGLE SUMMIT,
MITS MIRAGE

F54846



92-93 ACURA INTEGRA
4CYL 1.7, 1.8L DOHC

F54847



92-95 MAZDA MX3 V6
1.8L

F55055



95-98 FORD E-SERIES,
94-97 F-SERIES V8 7.3L
TD

F55056



94-97 FORD ASPIRE 4CYL
80 1.3L

F55066



94-96 DODGE RAM 2500,
3500 6CYL 5.9L
CUMMINS TD

F55073



95-99 GEO, CHEVY
METRO, 95-97 SUZUKI
SWIFT

F55085



93-97 VOLVO 850,
98-04 C70,
98-00 S70, V70

F55113



UNIVERSAL CHRYSLER,
DAIHATSU, GM, MAZDA,
TOYOTA

F55114



UNIVERSAL CHRYSLER,
DAIHATSU, GM, MAZDA

F55135



96-97 LEXUS LX450,
93-97 TOYOTA
LANDCRUISR 6CYL 4.5L

F55215



97-06 CHEVY, GMC,
97-00 ISUZU HOMBRE,
97-01 OLDSMOBILE

F55275



95-06 VARIOUS BMW

F55286



97-04 MITSUBISHI
MONTERO SPORT 2.4,
3.0, 3.5L

F55287



97-01 LEXUS ES300,
99-03 TOYOTA SOLARA

F55292



98-03 FORD 7.3L
POWERSTROKE DIESEL
(W/O CAP)

F55302



98-00 CHRYS CIRRUS,
SEBRING, DODGE
STRATUS, PLY BREEZE

F55354



98-06 LEXUS LX470,
98-07 TOYOTA
LANDCRUISER 4.7L

F55355



98-00 TOYOTA SIENNA,
93-98 SUPRA 6CYL 3.0L

F55356



98-01 KIA SEPHIA, 00-04
KIA SPECTRA 4CYL 1.8L

F55357



97-04 MITSUBISHI
DIAMONTE V6 3.5L

F55360



00-08 DODGE RAM 2500,
3500 6CYL 359 5.9L TD

F55365



99-05 SUZUKI GRAND
VITARA, 99-04 VITARA

F55411



98-02 KIA SPORTAGE
4CYL 2.0L

F55412



02-03 BUICK RNDZVUS,
97-03 CHEVY VENTURE,
OLDS SILHOUETTE

F55417



00-04 TOYOTA TUNDRA
3.4, 4.7L

F55464



01-09 CHEVY KODIAK,
SILVERADO, GMC
SIERA, TKICK V8 6.6L TD

F55493



99-03 CHEVY CORVETTE
V8 5.7L

F55523



01-03 FORD RANGER,
MAZDA B-PICKUP AFTER
5/14/01

F55529



01-03 CHRYSLER T&C,
01-03 VOYAGER, 01-05
DODGE CARAVAN

F55577



03-05 H2, 03-05 CHEVY
SSR, TRAILBLAZER, 02-05
GMC ENVOY

F55590



03-07 FORD F-250
THROUGH F-550 6.0L TD,
06-11 LCF 4.5L TD

F55597



06 FORD CROWN
VICTORIA, LINC T&C,
GRND MARQUIS, F150

F55612



01-09 TOYOTA SEQUOIA
V8 4.7L

F58062



96-00 HYUNDAI
ELANTRA, 97-01
HYUNDAI TIBURON

F59030



00-05 HYUNDAI ACCENT
4CYL 1.5, 1.6L

F59161



83-87 AMC, RENAULT,
86-97 JEEP

F59201



97-99 DODGE RAM
PICK-UP 6 CYL 5.9L
CUMMINS TD

F59292



98-03 FORD 7.3L
POWERSTROKE DIESEL
(VIN F)(W/ CAP)

F60146



88-03 VW, 97-04 AUDI
A4, A6, 95-00
MERCEDES-BENZ

F60273



81-87 AUDI, 83-93
VOLKSWAGEN

F63169



83-06 FORD, LINCOLN,
MAZDA, MERCURY

F63177



84-98 AUDI, 81-93 SAAB,
88-92 VW, 85 VOLVO
765

FUEL FILTERS

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F63188



84-93 CHEVY, GMC 6.2L DIESEL, 85-87 FORD 2.3L DIESEL

F64492



89-92 FORD PROBE, 88-92 MAZDA 626, MX-6 2.2L

F64621



97-02 FORD ESCORT, 02-03 ZX2, 97-99 MERCURY TRACER

F64628



88-90 EAGLE PREMIER, 90 DODGE MONACO 3.0L

F64641



81-96 MISC. MERCEDES-BENZ

F64685



90-91 CHEVY CAPRICE, 91 BUICK ROADMASTER, OLDSMOBILE CUSTOM

F64687



90-91 CHEVY BERETTA, CORSICA, PONTIAC TEMPEST

F64702



96-02 GMC, 00-05 SATURN, 04-05 CHEVY COLORADO

F64706



89-94 MAZDA MPV, 89-93 B2600i, 90-93 B2200

F64707



92-94 DODGE RAM VAN, WAGON, 92-01 DODGE VIPER

F64711



92-02 FORD E-SERIES, 92-04 F-SERIES, 00-05 EXCURSION

F64728



91-97 FORD THNDRBRD, MERCURY COUGAR, 93-98 LINCOLN MARK 8

F64795



93-97 FORD PROBE, MAZDA MX-6, 93-02 MAZDA 626

F64816



93-96 JEEP GRAND CHEROKEE, 93 JEEP GRAND WAGONEER

F64817



93-97 CHRYSLER CONCORDE, DODGE INTREPID, EAGLE VISION

F64857



99-09 SAAB 9-3, 9-5, 84-98 AUDI, 80-97 VOLVO

F65039



95-97 DODGE, PLYMOUTH NEON 4 CYL 122 2.0L

F65045



91-94 SATURN SC1, SL, SL1, SW1 4CYL 1.9L SOHC

F65046



91-94 SATURN SC, SC2, SL2, SW2 4CYL 1.9L DOHC

F65070



95-97 CHRYSLER CIRRUS, DODGE STRTUS, 96-98 CHRY SEBRING

F65217



90-92 BUICK, CAD, OLDS, 04 ISUZU, 02-07 JAGUAR X-TYPE

F65238



96-00 CHRYSLER T&C, DODGE GRAND CRVAN, PLY GRAND VOYAGER

F65239



96-00 CHRYSLER, PLYMOUTH VOYAGER, DODGE CARAVAN

F65277



98-11 FORD, JAGUAR, LINCOLN, MAZDA, MERCURY

F65285



00-10 AUDI A4, A8, S4, TT, 98-11 VW BEETLE

F65299



97-02 CHEVY, GMC 2500, 3500 VANS V8 395 6.5L

F65364



01-02 FORD EXPLR, 02 MERC MOUNTAINEER (FLEX-FUEL)

F65366



99-05 MAZDA MX5 MIATA 4CYL 1.8L

F65376



00-01 FORD RANGER, MAZDA B-SERIES (METAL)

F65377



00-04 VOLVO S40, V40, 99-04 S80, 01-09 S60, 01-02 V70

F65416



98-09 MERCEDES C, S
SERIES, 04-08 CHRYSLER
CROSSFIRE

F65422



93-01 FORD TAURUS
(FLEX FUEL), 97 FORD
RANGER 2.3L

F65428



99-06 VW JETTA, GOLF,
PASSAT, BEETLE 1.9L
T.D.

F65455



83-07 FORD, MERCURY,
83-02 LINCOLN, 01-06
MAZDA

F65472



02-11 FORD, 04-09
MAZDA B-SERIES, 07-11
LINCOLN NAVIGATOR

F65481



03 FORD EXPLORER,
LINCOLN LS, 07 FORD
F-SERIES

F65486



01-05 FORD RANGER,
01-04 MAZDA B3000
(FLEX FUEL)

F65487



03-04 FORD EXPEDITION
V8 AFTER 3/18/02

F65500



01 FORD TAURUS V6,
01 MERCURY SABLE V6
(INC. FLEX FUEL)

F65501



00-03 CHEVY S-10,
GMC SONOMA
(ALT FUEL 00-02)

F65502



99-01 JEEP GRAND
CHEROKEE 4.0, 4.7L

F65524



03-04 LINCOLN
NAVIGATOR 5.4L AFTER
3/18/02

F65574



03-10 FORD EXPLORER,
F-SERIES, MUSTANG,
MOUNTAINEER

F65606



02-07 SATURN VUE,
06-07 PONT TORRENT

F65611



01-05 KIA RIO, 02-05 KIA
RIO CINCO 4CYL

F65613



01-10 VOLVO C70, S60,
S80, V70, XC70, XC90

F65617



03-05 CHEVY VENTURE,
SILHOUETTE, MONTANA,
RENDEZVOUS, AZTEC

F65618



04-10 CAD CTS, CTS-V,
SRX, 05-07 CAD STS

F65619



02-04 TOYOTA AVALON
V6 3.0L

F65627



02-04 JEEP GRAND
CHEROKEE V6 4.0L, V8
4.7L

F65717



04 PONTIAC GRAND PRIX
V6 231 3.8L

F65768



03-07 SATURN ION, 05-
10 CHEVROLET COBALT,
07-10 PONTIAC G5

F66300



04-10 FORD E-SERIES
6.0L TD V8
POWERSTROKE (VIN P)

F66301



08-10 FORD F-SERIES
6.4L TD POWERSTROKE
(VIN R)

F67221



92-03 ISUZU, 96-99
ACURA SLX, 94-02
HONDA PASSPORT

F75133



95-97 SATURN SL, SC, SW
4CYL 1.9L

GF7001



UNIVERSAL FOR HONDA
APP. W/ M12 x 1.25
INLET/OUTLET

GF67L



DODGE 6.7L
ELEMENT ONLY
HOUSING NOT INCLUDED

GF580H





HOSE FOR F54672

LFF8736B



LUBERFINER VERSION OF
F55464

FUEL FILTER QUICK CROSS REFERENCE

		G4143	F29158	G6468	F20002	G7182	F55113	G8132	F54692
		G4164	F20011	G6469	F54604	G7194	F55114	G8160	F58062
		G4166	F20002	G6473	F55113	G7196	F55113	G8164	F55114
		G4167	F20162	G6474	F44605	G7248	F54718	G8190	F65039
CG20	F21115	G4191	F29157	G6475	F53157	G7295	F54828	G8207	F55287
CG3388	F10157	G4194	F54794	G6476	F53168	G7296	F54821	G8216	F35256
CG3389	F10158	G4715	F20265	G6495	F55113	G7315	F54714	G8219	F55215
CS7715	F55055	G4763	F29158	G6507	F54686	G7332	F44705	G8228	F55357
CS8323	F59201	G4774	F40163	G6534	F54638	G7333	F64702	G8279	F55286
CS8629	F55292	G4775	F23170	G6535	F54637	G7367	F54668	G8532	F55411
CS8941	F55360	G4777	F43178	G6536	F64492	G7370	F54718	G8534	F55356
CS9667	F55590	G4841	F40263	G6537	F54667	G7393	F67221	G8569	F65416
CS9864	FD4606	G4926	F55113	G6538	F44658	G7396	F54833	G8615	F65366
G2	F20011	G4927	F55113	G6553	F55114	G7398	F64707	G8711	F55354
G12	F20011	G5237	F44663	G6561	F64628	G7399	F64816	G8757	F65376
G15	F21111	G5255	F54821	G6563	F54611	G7404	F54794	G8758	F65455
G19	F21117	G5257	F44760	G6565	F55113	G7416	F64817	G8861	F65500
G22A	F10131	G5259	F55113	G6566	F54618	G7418	F54847	G8967	F55417
G3143	F29158	G5260	F54834	G6566	F65717	G7428	F64795	G9041	F55302
G3359	F20005	G5404	F55085	G6567	F54617	G7429	F44705	G9272	F55529
G3428A	F10028	G5477	F55114	G6570	F29158	G7596	F64728	G9279	F44705
G3499	F20030	G5603	F45067	G6573	F55114	G7599	F44870	G9343	F65472
G3583	F21117	G5870	F65285	G6578	F65377	G7603	F64702	G9344	F55577
G3587	F20036	G5982	F55365	G6593	F65277	G7609	F65238	G9370	F65501
G3596	F10035	G6061	F55114	G6612	F64687	G7610	F65239	G9397	F65619
G3606	F29160	G6063	F54664	G6613	F64685	G7612	F54664	G9795	F65486
G3641	F59161	G6343	F53163	G6628	F54675	G7629	F55113	G9796	F55523
G3692	F33141	G6344	F54495	G6674	F54664	G7647	F55114	G10166	F65574
G3693	F33142	G6345	F55113	G6676	F64706	G7649	F65422	P3658	F54469
G3703	F20162	G6346	F55113	G6677	F54665	G7731	F55135	P3767	F50298
G3713	F50155	G6348	F54672	G6678	F55113	G7735	F55056	P3788	F54469
G3727	F33144	G6397	F54488	G6679	F54666	G7736	F55085	P3940	F63188
G3728	F33173	G6398	F63177	G6680	F44710	G7740	F55412	P4173	F50153
G3737	F64641	G6405	F44804	G6689	F55113	G7744	F65045	P6444	F50359
G3744	F64857	G6410	F20030	G6691	F54790	G7745	F65046	P9458	F54469
G3745	F50155	G6411	F20011	G6692	F54723	G7759	F54618	PS10279	GF67L
G3746	F60273	G6412	F54618	G6825	F44710	G7760	F65070	PS6554	F54692
G3747	F53191	G6424	F23170	G6826	F54689	G7765	F55114	PS6628	F54675
G3748	F50155	G6426	F24404	G6827	F54668	G7766	F55114	PS7358	F54719
G3767	F50298	G6430	F55113	G6841	F54834	G7767	F45068	PS7749	F55066
G3798	F60146	G6431	F23160	G6859	F55114	G7768	F55113	PS8132	F54692
G3800	F63169	G6435	F53159	G6895	F54785	G7769	F45134	PS8622	F65299
G3802	F63169	G6436	F23162	G6896	F54688	G7770	F45069	PS9059	F55464
G3829	F60146	G6437	F53164	G6897	F44658	G7771	F54846	PS9059	LFF8736B
G3840	F20252	G6438	F29158	G6901	F34713	G8008	F55073		
G3842	F20280	G6439	F43153	G7018	F44705	G8013	F65277		
G3843	F23161	G6440	F43153	G7019	F44705	G8015	F45158		
G3850	F64711	G6441	F55114	G7070	F54638	G8016	F55355		
G3862	F50126	G6453	F55113	G7071	F55113	G8018	F65277		
G3870	F33165	G6457	F54497	G7072	F55113	G8073	F65039		
G3895	F53190	G6458	F23170	G7092	F64621	G8075	F45191	CH1	F53190
G3897	F53185	G6462	F40263	G7143	F65217	G8078	F55275	CH2	F53185
G3941	F43176	G6465	F40263	G7146	F54708	G8086	F75133	CH3	F54611
G3986	F44760	G6467	F23170	G7150	F44760	G8123	F45115	CH4	F54618
								CH5	F54617
								CH6	F44705

FUEL FILTER QUICK CROSS REFERENCE

CH8	F44705	GF210	F23161	GF1580K	F64685	GF7104	F44870	FG895	F54794
CH9	F44705	GF211	F23160	GF1580L	F64687	GF7105	F54828	FG896	F64795
CH10	F53190	GF285	F54675	GF1581D	F65046	GF7295	F55073	FG986	F65277
CH11	F64707	GF300	F20005	GF1581S	F65045	GF7297	F55365	FG991	F65364
CH12	F64817	GF301	F29158	GF1582	F75133	GF7715	F55055	FG1011	F65481
CH16	F54718	GF302	F29158	GF1611U	F54686	GF7748	F55360	FG1036	F65472
CH17	F44705	GF303	F54794	GF1624K	F64702	GF7749	F55066	FG1039	F65486
CH18	F64816	GF307	F43178	GF1645	F55215	GF7750	F59201	FG1060	F65455
CH20	F64628	GF308	F29158	GF1650	F35256	GF7751	F55292	FG1062	F65524
CH21	F65039	GF310	F54495	GF1829	F65501	GF7751	F59292	FG1063	F65487
CH22	F65070	GF312	F44663	GF2895	F65768	GF8000	F44760	FG1093	F55360
CH23	F55302	GF317	F43176	GF5009	F53191	GF8004	F45067	FG1093	F55464
CH35	F65239	GF470	F10157	GF5020	F65285	GF8005	F58062	FG1093	LFF8736B
CH36	F65238	GF471	F10158	GF5021	F50155	GF9045	F43153	G247	F20036
CH37	F65502	GF500	F55113	GF5025	F50155	GF9046	F54723	G343	F20252
CH38	F55529	GF607	F20030	GF5030	F60146	GF9052	F54667	G344	F43176
CH91	F55529	GF621	F20002	GF5040	F55085	GF9053	F44658	G478	F29160
FD811	F50298	GF623	F29157	GF5060	F55275	GF9054	F64492	G482	F53185
FD4604	F55590	GF624	F20162	GF5066	F60273	GF9078	F54708	G491	F54667
FD8110	F50298	GF625	F20162	GF5091	F63177	GF9087	F54833	G497	F54666
FD8290	F54692	GF626	F23170	GF5145	F64857	GF9094	F54847	G501	F54637
FG1	F21115	GF627	F29160	GF5401	F53191	GF9100	F54834	G502	F44658
FG14	F10131	GF629	F54497	GF5403	F53191	GF9107	F55356	G720	F53164
FG778	F10028	GF630	F20265	GF5403	F53191	GF9108	F55411	G752	F24404
FG795	F10035	GF631	F23170	GF5603	F64641	GF9108	F55411	G2900	F20280
FG800	F63169	GF633	F44804	GF6001	F55114	GF9109	F59030	G2901	F44605
FG855	F50126	GF635	F20036	GF6031	F40263	GF9110	F55417	G2903	F53168
FG862	F64621	GF635	F20036	GF6035	F53157	TP1006	F63188	G2905	F23161
FG862	F64621	GF636	F43176	GF6037	F54604	TP1256	F54719	G2905	F23161
FG865	F65277	GF637	F55114	GF6040	F53168	TP1263	F65299	G2917	F20162
FG872	F64711	GF639	F64706	GF6041	F44605	TP1300	F55464	G2933	F53191
FG877	F65422	GF640	F54785	GF6042	F44710	TP1300	LFF8736B	G2934	F60273
FG881	F64728	GF642	F54821	GF6044	F54664			G2934	F60273
FG895	F54794	GF642	F54821	GF6044	F54664			G2947	F53191
FG896	F64795	GF645	F20002	GF6048	F55113			G2947	F53191
FG977	F55056	GF648	F23170	GF6055	F55135			G2953	F54618
FG982	F64685	GF649	F54668	GF6059	F55114			G2963	F54495
FG986	F65277	GF780	F54637	GF6061	F55114	FD811	F50298	G2977	F44804
FG991	F65364	GF819	F55412	GF6063	F54664	FD829	F54692	G2980	F43153
FG1011	F65481	GF831	F55577	GF6065	F45068	FD1261F	F55360	G2985	F53159
FG1036	F65472	GF872	F65717	GF6163	F45158	FD3252F	GF67L	G2987	F64641
FG1039	F65486	GF1000	F54665	GF6500	F45069	FD4596	F59292	G2988	F33142
FG1061	F55523	GF1010	F55114	GF6501	F45134	FD5021F	F59201	G6304	F64628
FG1071	F65376	GF1050	F24404	GF6502	F55355	FG14A	F10131	G6320	F54723
FG1072	F65500	GF1476	F33141	GF6503	F45115	FG778A	F10028	G6327	F54834
GF61M	F20011	GF1477	F33142	GF6504	F45191	FG795	F10035	G6385	F54833
GF67	F21117	GF1481	F33144	GF6505	F55287	FG800	F63169	G6542	F55135
GF69M	F21111	GF1482	F33165	GF7020	F53164	FG824	F63188	G6570	F58062
GF70	F59161	GF1483	F33173	GF7040	F53159	FG855	F50126	G6574	F55357
GF71	F21117	GF1516	F67221	GF7050	F53163	FG857	F43153	G6575	F55286
GF202	F20011	GF1561	F65217	GF7070	F54638	FG862	F64621	G6578	F65377
GF204	F40163	GF1562	F54672	GF7080	F54637	FG864	F64492	G6580	F55275
GF207	F20252	GF1563	F34713	GF7100	F54688	FG866	F54667	G6584	F55356
GF208	F23162	GF1578	F54714	GF7101	F54790	FG872	F64711	G6585	F55411
GF209	F20280	GF1580	F64702	GF7102	F54488	FG877A	F10028	G6586	F65366
		GF1580A	F54672	GF7103	F54689	FG881	F64728	G6590	F55354
								G6595	F55417






MIGHTY

FUEL FILTER QUICK CROSS REFERENCE

GF61	F20011	GF188	F55114	GF595	F55417	52058	F10158	56066	F64707
GF076	F59161	GF189	F45067	GF607	F20030	52059	F43178	56067	F65039
GF101	F63177	GF190	F45068	GF611U	F54686	52061	F24404	56068	F55066
GF102	F60273	GF191	F45069	GF624K	F64702	52062	F21115	56069	F65238
GF103	F53191	GF194	F45115	GF626	F65500	52063	F33141	56070	F65239
GF104	F60146	GF195	F45134	GF636	F43176	52064	F33142	56071	F65070
GF107	F53163	GF197	F54847	GF645	F55215	52066	F33144	56072	F59201
GF108	F54488	GF198	F55073	GF650	F35256	52067	F33173	56073	F45115
GF109	F44804	GF199	F65070	GF671	F20011	52070	F64687	56074	F55302
GF111	F54618	GF201	F45158	GF760	F23161	52071	F64685	56077	F55360
GF112	F24404	GF202	F45191	GF761	F20252	52072	F65217	56078	F55529
GF116	F23160	GF203	F55055	GF763	F20280	52073	F54714	56080	GF67L
GF117	F53159	GF204	F55056	GF831	F55577	52074	F54672	56165	F65285
GF118	F23162	GF205	F55066	GF897	F65618	52075	F64702	58050	F21117
GF119	F53164	GF206	F55085	GF898	F53185	52076	F54686	58051	F59161
GF120	F43153	GF207	F55135	GF987	F53190	52077	F63188	58052	F64816
GF124	F44605	GF208	F65039	GF1033	F65376	52079	F65045	58053	F65502
GF126	F54638	GF209	F65238	GF1059	F55523	52080	F65046	59055	F60273
GF127	F54637	GF210	F65239	GF2020	F20162	52081	F54719	59058	F20002
GF128	F44658	GF211	F55302	GF2040	F54497	52082	F54469	59059	F53168
GF130	F54611	GF212	F55529	GF3000	F24404	52084	F75133	59060	F29157
GF133	F54618	GF214	F55286	GF4596	F55292	52085	F55215	59061	F67221
GF134	F54617	GF215	F55356	GF4598	F55464	52087	F55412	59062	F20162
GF137	F54495	GF217	F55354	GF4598	LFF8736B	52088	F35256	59063	F20265
GF138	F54668	GF218	F55612	GF4700	F23170	52091	F65606	59065	F40263
GF139	F44710	GF220	F65606	GF5021	F50155	52092	F65768	59070	F20005
GF140	F54664	GF300	F43178	GF5025	F50155	54050	F10131	59071	F43178
GF142	F54688	GF304	F54794	GF5200	F54794	54056	F10028	59074	F54794
GF144	F54665	GF423	F21117	GF6031	F40263	54060	F10035	59080	F29158
GF145	F54666	GF466	F20002	GF6035	F53157	54061	F64621	59088	F23160
GF149	F54821	GF470	F10157	GF6581	F43176	54062	F63169	59089	F23162
GF150	F64706	GF471	F10158	GF9040	F29158	54065	F50126	59093	F20280
GF151	F54723	GF476	F33141	GF15010	F20265	54066	F64711	59095	F23161
GF153	F63177	GF477	F33142	GF25020	F20002	54067	F54692	59096	F40163
GF157	F21115	GF481	F33144	GF34100	F29157	54068	F50298	59099	F20252
GF159	F54689	GF482	F33165	GF39035	F54604	54069	F64728	59100	F23170
GF161	F54785	GF483	F33173	GF49115	F44605	54070	F55055	59102	F43153
GF162	F44760	GF484	F50155	GF79105	F53168	54073	F65277	59103	F43153
GF164	F54834	GF504	F29158	GFSA5	F40163	54074	F55292	59106	F20162
GF169	F54708	GF516	F67221	L3546F	F54719	54074	F59292	59108	F54497
GF170	F55113	GF527	F55355	L627	F29160	56050	F20030	59110	F53163
GF171	F54488	GF561	F65217	L635	F20036	56052	F29160	59111	F53159
GF172	F64817	GF562	F54672	LFF6338	F54675	56053	F53190	59112	F53164
GF173	F44705	GF562A	F54672	LFF1006	F63188	56054	F20036	59114	F54488
GF174	F54718	GF563	F34713	LFP811F	F50298	56055	F43176	59115	F54790
GF175	F64707	GF567	F55287	TP1006	F63188	56057	F55113	59116	F54688
GF176	F54828	GF574	F64687			56058	F53185	59117	F54637
GF178	F64816	GF575	F55286			56059	F54611	59118	F54638
GF179	F44663	GF578	F54714			56060	F54618	59119	F53157
GF181	F55114	GF579	F65285			56061	F54617	59120	F54689
GF183	F65045	GF580	F64702			56062	F44705	59121	F44663
GF184	F65046	GF580K	F64685	50050	F21111	56063	F64817	59122	F54604
GF185	F44870	GF590	F55354	50052	F20011	56064	F54718	59123	F64492
GF186	F65039	GF591	F55365	50054	F20011	56065	F54675	59124	F54667
				52056	F10157				



FUEL FILTER QUICK CROSS REFERENCE

59125	F54664		G855	F50126	G6336	F54708	G6585	F55411		
59126	F44710		G1010	F65481	G6339	F54688	G6593	F65277		
59127	F55114		G1033	F65376	G6340	F65217	G6595	F55417		
59128	F60146		G1036	F65472	G6341	F64687	G6597	F55412		
59129	F34713		FP889F	F54794	G1039	F65486	G6342	F54686	G6599	F65611
59130	F54708		G3/8	F21111	G1062	F65524	G6345	F34713	G6626	F65500
59131	F64706		G5/16	F20011	G2900	F20280	G6346	F54689	G6628	F65501
59132	F55114		G1	F20011	G2901	F44605	G6351	F44663	G6640	F65768
59133	F44605		G6	F21115	G2903	F53168	G6353	F54668	L3546F	F54719
59134	F54723		G16	F10131	G2904	F54604	G6359	F55113	L3580F	F55055
59135	F54828		G145	F59161	G2905	F23161	G6361	F44705	L4604F	F55590
59136	F44870		G180	F20005	G2908	F60146	G6362	F54718	L5021F	F59201
59137	F64795		G241	F20005	G2916	F53157	G6365	F54718	LFF6338	F54675
59138	F54794		G242	F20002	G2917	F20162	G6367	F64711	LFF1006	F63188
59139	F54821		G243	F29158	G2918	F50155	G6368	F55113	LFF3581	F55066
59140	F55114		G246	F54794	G2921	F43153	G6369	F45067	LFF5824	F54692
59141	F54665		G247	F20036	G2925	F20002	G6373	F54828	LFF5824B	F54692
59142	F54668	G341	F29157	G2930	F43178	G6378	F64728	LFP811F	F50298	
59143	F54666	G342	F40163	G2933	F53191	G6379	F29158	LFP1006	F63188	
59144	F54846	G343	F20252	G2934	F60273	G6381	F64795	FUEL FILTER TOOLS		
59145	F55114	G344	F43176	G2947	F53191	G6384	F67221	FROM TOP BRANDS YOU CAN TRUST!		
59146	F64857	G470	F10157	G2952	F63177	G6385	F54833			
59147	F54785	G471	F10158	G2953	F54618	G6386	F54846			
59148	F55114	G472	F21117	G2954	F23162	G6387	F54794			
59149	F45068	G473	F10028	G2955	F23160	G6388	F64707	FULL DETAILS PAGES 186-189		
59150	F45069	G474	F20030	G2956	F53163	G6389	F64817			
59151	F55135	G475	F10035	G2961	F20162	G6393	F64816			
59152	F55073	G477	F53190	G2963	F54495	G6394	F65045			
59153	F55085	G478	F29160	G2964	F54497	G6394	F65046			
59154	F55287	G481	F33144	G2968	F44760	G6398	F54664			
59156	F45067	G482	F53185	G2974	F40263	G6400	F54847			
59157	F55275	G483	F33173	G2975	F54790	G6511	F44870			
59158	F54833	G485	F54611	G2977	F44804	G6514	F65039			
59159	F45134	G486	F54618	G2979	F29158	G6519	F64702			
59160	F45191	G489	F54617	G2980	F43153	G6526	F45134			
59161	F64641	G490	F64492	G2981	F60146	G6527	F55355			
59162	F54664	G491	F54667	G2985	F53159	G6530D	F65238			
59163	F55411	G495	F63177	G2987	F64641	G6531	F65239			
59164	F55354	G496	F64621	G2991	F50155	G6532	F65070			
59165	F65285	G497	F54666	G2998	F33142	G6537	F55113			
59166	F65377	G499	F54638	G4760	F33141	G6538	F45067			
59167	F58062	G501	F54637	G6303	F54664	G6540	F55073			
59168	F45158	G502	F44658	G6304	F64628	G6541	F45068			
59169	F55355	G562	F54672	G6307	F54821	G6542	F55135			
59170	F55417	G572	F54665	G6319	F64706	G6543	F45069			
59171	F55365	G573	F64685	G6321	F54785	G6547	F45115			
59172	F55286	G578	F54714	G6324	F44710	G6548	F55085			
59174	F55612	G580	F64702	G6326	F54617	G6552	F45191			
59176	F65428	G645	F55215	G6327	F54834	G6553	F45158			
59177	F55356	G650	F35256	G6328	F20265	G6563	F75133			
59178	F65611	G720	F53164	G6330	F54488	G6570	F58062			
59193	F59030	G752	F24404	G6332	F33165	G6579	F65285			
		G800	F63169	G6333	F63177	G6580	F55275			
		G803	F23170	G6335	F43178	G6584	F55356			

FUEL FILTER ACCESSORIES

FUEL FILTER CAPS AND O-RING KITS



IFA PART#	DESCRIPTION	TOOL FOR REMOVAL
F55055CK	95-98 FORD E-SERIES, 94-97 F-SERIES V8 7.3L TD	3526 - SEE PAGE # 186
F55292CK	98-03 FORD 7.3L POWERSTROKE DIESEL	3526 - SEE PAGE # 186
F55360CK	00-08 DODGE RAM 2500, 3500 6CYL 359 5.9L TD	2571 OR 14600 - SEE PAGE # 187
F55590CB	03-07 FORD F-250 TO F-550 6.0L TD, 06-11 LCF 4.5L TD	2574 OR 14500 - SEE PAGE # 181
F55590CT	03-07 FORD F-250 TO F-550 6.0L TD, 06-11 LCF 4.5L TD	2573 - PG # 181 OR 1/2" SQ DR
4595CAP	95-98 FORD E-SERIES, 94-97 F-SERIES V8 7.3L TD	3526 - SEE PAGE # 186

CHAMP VERSION - CAP AND FILTER COMBINATION

FUEL FILTER CLIP ASSORTMENT KIT

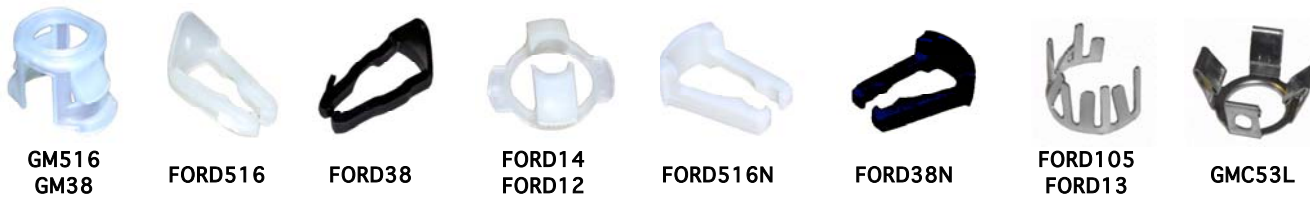


FUEL FILTER ASSORTMENT KIT INCLUDES (5) FIVE OF EACH # BELOW:

- GM516 - 5/16" GM
 - GM38 - 3/8" GM
 - FORD516 - 5/16" FORD (WHITE)
 - FORD38 - 3/8" FORD (BLACK)
 - FORD14 - 1/4" FORD
 - FORD12 - 1/2" FORD
 - FORD516N - 5/16" FORD (NEW STYLE WHITE)
 - FORD38N - 3/8" FORD (NEW STYLE BLACK)
 - FORD105 - 10.5MM FORD TRUCKS (METAL)
 - FORD13 - 13MM FORD TRUCKS (METAL)
 - GMC53L - GMC 5.3L (METAL)
- AND PLASTIC STORAGE CASE

ALL CLIPS
ARE AVAILABLE
FOR RE-ORDER
AT ANY QTY

IFA PART#
FFCLIP





- * Kits are shrink wrapped in an attractive, viewable package
- * Premium Synthetic Rubber Gasket / Premium Filter
- * Custom labeled to **YOUR** part number system



- Top 8 numbers
- Next 17 numbers
- Next 23 numbers
- Next 26 numbers
- Next 32 numbers
- Last 55 numbers

KEY TO POPULARITY CODES*

AA - 51% OF SALES
A - 26% OF SALES
B - 20% OF SALES
C - 2% OF SALES
D - 1% OF SALES
F - <1% OF SALES

* See oil/air filter quick cross reference guide on pages 6 or 23 for complete info and instructions on how to use popularity charts

* POP CODE RATING IS BASED ON NATIONAL SALES DATA COMPILED BY INTERNATIONAL FILTERS AND MAY DIFFER FROM BUSINESS TO BUSINESS

BENEFITS OF PREMIUM SYNTHETIC RUBBER GASKETS

- * Offers a longer life than cork-rubber construction and it doesn't shrink or wick fluid like cork
- * Doesn't compress - it seals by deforming when clamped and retains positive contact pressure against the castings
- * Hole-Lock design holds the gasket and bolts in place as the transmission pan is installed, eliminating the need to use contact adhesive on the pan gasket

<p>P215</p> <p>64-65 DODGE, PLYMOUTH</p> <p>Torque-Flite "6" (904) Torque-Command (904) 14 bolt pan</p>	<p>P216</p> <p>64-71 CHRYSLER, PLYMOUTH</p> <p>Torque-Flite "8" (727) Torque-Command (727) 14 bolt pan</p>	<p>P219</p> <p>66-78 CADILLAC, OLDS V8</p> <p>Turbo-Hydramatic 425 (M-40) 13 bolt pan</p>	<p>P220</p> <p>66-90 CAD, CHEVY, GMC</p> <p>Turbo-Hydramatic 375 & 400 (M-40) 13 bolt pan</p>
<p>P221</p> <p>67-84 CHVY, GMC, OLDS, PNT</p> <p>GM TH250, 250C, 350, 350C, 375B 13 bolt pan</p>	<p>P222</p> <p>63-75 FORD, 69-77 MERCURY</p> <p>FMX/Cruise-O-Matic FMX Type MX Type (Small Iron Cs) 14 bolt pan</p>	<p>P225</p> <p>59-74 FORD, LINCOLN, MERC</p> <p>C-6 (XPL, XPL Special) 17 bolt pan</p>	<p>P226</p> <p>65-73 FORD, MERCURY</p> <p>C4 (XP, XP3) 11 bolt pan</p>

TRANSMISSION KITS

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65

P227

68-81 FORD, MERCURY



C4 (XP, XP3)
11 bolt pan

P233

64-03 DODGE, 80-02 JEEP



TorqueFlite6 (904,998,999)
Torque-Flite "8" (727)
14 bolt pan

P234

74-81 FORD, MERCURY



C4 (XP3) (Deep Pan)
11 bolt pan

P235

75-96 FRD, 75-80 LINC, MERC



C6 (Aluminum Case)
17 bolt pan

P236

70-88 CHEVY, DODGE, FORD



Allison AT-540
21 bolt pan

P239

74-83 BCK, CHVY, OLDS, PNT



Turbo-Hydramatic
TH350, 350C & 375B
13 bolt pan

P240

78-86 FORD, 75-89 MERCURY



C-3 (XP)
13 bolt pan

P241

76-79 BCK, CHVY, OLDS, PNT



Turbo-Hydramatic
200 (M-29)
11 bolt pan

P245

73-82 FORD, 74-84 MAZDA



Jatco 3N71B
17 bolt pan

P246

79-87 BCK, CHVY, OLDS, PNT



Turbo-Hydramatic
200 (MV-9)
11 bolt pan

P247

76-81 FORD, MERCURY



FMX, MX
(Small Iron Case)
14 bolt pan

P248

70-77 FORD BRONCO



C-4 (w/Deep Pan)
11 bolt pan

P249

68-74 TOYOTA



Aisin-Warner A-30
16 bolt pan

P250

73-82 TOYOTA, 73-85 VOLVO



Toyota A40
14 bolt pan

P251

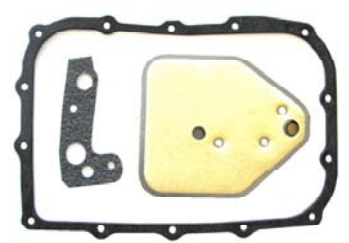
70-84 MAZDA, 71-86 NISSAN



Jatco 3N71B
14 bolt pan

P253

78-82 DODGE, 82 LEBARON



Torque-Flite A404
(w/Shallow 1 7/8" Pan)
14 bolt pan

P254

80-01 BCK, OLDS, CHVY, PNT



Turbo-Hydramatic 125
(M-34), (MD-9)
16 bolt pan

P255

80-93 FORD, LINC, MERCURY



AOD/AOT
(Automatic Overdrive)
14 bolt pan

P256

73-96 FORD TRUCK



C6 (Deep Pan)
17 bolt pan

P1148

GM



Turbo-Hydramatic
2004R, 700R4 COMBO
16 bolt pan

P1149

72-98 CHEVY, 89-98 SIDEKICK



Turbo-Hydramatic
180 (MD-3), Tri-matic
12 bolt pan

P1150

81-94 FORD, MERCURY



ATX Transaxle (3 Speed)
13 bolt pan

P1151

82-86 FORD, MERCURY



C5 (Select Shift)
11 bolt pan

P1153

79-81 BUICK, CADILLAC, OLDS



Turbo-Hydramatic
325 (M32)
15 bolt pan

P1173

82-85 BUICK, CADILLAC, OLDS



Turbo-Hydramatic
325-4L (M-57)
15 bolt pan

P1174

76-86 DODGE, 76-83 PLY



Torque Flite "Baby" 904
14 bolt pan

P1175

82-02 CHRYSLER, DODGE, PLY



Torque-Flite A404
A404 w/Deep 2 1/4" Pan
14 bolt pan

P1176

78-81 DODGE COLT, PLY CHAMP



KM-170
12 bolt pan

P1178

81-85 CELICA, 81-83 CORLLA



Toyota A40D
14 bolt pan

P1179

71-84 SUBARU 4 CYL 2BBL



Jatco (3 Speed)
13 bolt pan

P1180

78-91 AUDI, 77-93 VW



VW Type 10
Molded Rubber Gasket

P1182

86-88 FORD AEROSTR, RANGER



A4LD (2WD)
18 bolt pan

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P1183

84-97 FRD AEROSTR, RANGER



A4LD (4WD)
18 bolt pan

P1184

81-93 FORD TRUCK



Ford AOD/AOT
14 bolt pan

P1185

84-93 BUICK, CHEVY, PONT



Turbo-Hydramatic
440-T4 (ME9)
19 bolt pan

P1186

81-02 TOY, 81-92 VOLVO



Aisin-Warner A42D,A43D
AW70,AW71,AW372,KM148
14 bolt pan

P1187

85-94 ISUZU, 85-98 VOLVO



Aisin-Warner A42DL,A43DL
A44DL, A45DF, A45DL
14 bolt pan

P1188

80-88 TOY TERCEL 1.5L



Aisin-Warner A55
17 bolt pan

P1189

83-02 TOYOTA 4CYL



Aisin-Warner A130L,A131L
A132L,A140E,A140L,A141E
15 bolt pan

P1190

81-87 MAZDA 626, 81-85 GLC



Jatco F10/F3A
18 bolt pan

P1191

82-90 NISSAN 4CYL



Jatco RN3F01A, RL3F01A
14 bolt pan

P1192

82-88 COLT, 83-90 MITS



KM170,171,172-0
172-5, 175
12 bolt pan

P1193

90-95 TAURUS, 86-95 SABLE



AXOD
17 bolt pan

P1194

81-90 BCK, CHVY, OLDS, PNT



Turbo-Hydramatic
200-4R (MW9)
16 bolt pan

P1195

82-93 CHEVY, GMC



Turbo-Hydramatic
700-R4/4L60 (MD8)
16 bolt pan

P1196

87-92 NISS PULSAR, SENTRA



Jatco RN3F01A/RL3F01A
14 bolt pan

P1197

89-94 FRD MUSTANG, RANGER



A4LD (w/2WD)
18 bolt pan

P1198

89-11 CHRYSLER, DODGE



A604, 41AE, 41TE
14 bolt pan

P1199

89-92 FRD PROBE, 87-92 MAZ



Ford 4EAT
17 bolt pan

P1200

86-89 MZD 323, MERC TRACR



ATX (Tracer)
18 bolt pan

P1201

91-11 BUICK, CHEVY, PONT



Hydramatic 4T60-E
(M-13)
20 bolt pan

P1202

91-98 CHEVY, GMC TRUCK



Hydramatic 4L80-E
(MT-1)
17 bolt pan

P1203

79-93 BMW, 85-90 VOLVO



ZF-4HP-22
Molded rubber gasket

P1204

86-00 TOYOTA



Aisin-Warner A-340E
19 bolt pan

P1206

87-01 JEEP



AW-4
19 bolt pan

P1207

82-86 FORD TRUCK



C-5 (w/4WD)
11 bolt pan

P1209

86-94 MAZDA, 84-90 NISSAN



Jatco E4N71B, L4N71B
14 bolt pan

P1211

93-10 CHEVY, GMC



4L60-E
16 bolt pan

P1212

85-93 ISUZU 4CYL



Jatco F10/F3A
18 bolt pan

P1213

88-05 FORD, 98-04 LINCOLN



E40D (2WD)
20 bolt pan

P1214

88-05 FORD, 98-04 LINCOLN



E40D (4WD)
20 bolt pan

P1215

91-02 SATURN 4CYL



FWD 4 speed
Spin-on filter

P1216

90-98 HYUNDAI, MITS



171(F3A21-2)175(F4A22-2)
KM-176 (F4A21-2)
12&13 bolt pan

P1217

94-01 FRD, 92-97 LINC, MERC



AOD-E, AODE-W (4R70W)
14 bolt pan

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P1218

96-05 SUZUKI, 83-97 TOYOTA



Aisin-Warner A-43DE
A-46DE, A-46DF
14 bolt pan

P1219

85-95 TOYOTA



Aisin-Warner A340F,H(4WD)
Isuzu AW30-80LE
19 bolt pan

P1220

93-04 CHRYSLER, DODGE



A606 (42LE)
13 bolt pan

P1221

93-97 FRD PROBE, 93-02 MAZ



4EAT
17 bolt pan

P1222

83-88 TOY TERCEL 4CYL 1.5L



Aisin-Warner A55F (4WD)
17 bolt pan

P1223

88-91 COLT, 91-96 SUMMIT



KM-177 (F4A22-3-2)
13 bolt pan

P1224

85-99 TOYOTA 4CYL



Aisin-Warner A-240E, L
A-241E, H, A-243L
18 bolt pan

P1225

91-02 FRD ESCRT, 91-98 MAZ



Kia MFU61-21-500B
Mazda F4A-EL (2WD)
19 bolt pan

P1226

89-01 GEO, CHEVY METRO



Aisin-Warner A-210
15 bolt pan

P1227

94-10 CADILLAC V8 4.6L



4T80-E (MH-1)
16 bolt pan

P1228

90-93 LEXUS ES, 96-00 RAV4



Aisin-Warner A-540E
A-540H
17 bolt pan

P1229

97-03 INFIN QX4, 89-10 NISS



Jatco RE4R01A
& Mazda R4AEL
18 bolt pan

P1230

89-10 NISSAN TRUCK



Jatco RE4R01A
18 bolt pan

P1231

86-01 TOY CAMRY, CELICA



Aisin-Warner A-140E
& A-140L
15 bolt pan

P1232

94-11 FORD, LINCOLN, MERC



AOD-E (4WD) (4R70W)
14 bolt pan

P1233

99-02 INFIN G20, 91-08 NISS



Jatco RL4F03A/V
21 bolt pan

P1234

96-04 INFINITI, 93-06 NISSAN



Jatco RE4F04A
& RL4F04A/V
21 bolt pan

P1235

89-93 FRD FESTIVA 4CYL 1.3L



ATX (Festiva)
18 bolt pan

P1236

95-08 FORD, MAZDA



A4LD-E (w/2WD)
18 bolt pan

P1237

95-08 FORD, MAZDA



A4LD-E (w/4WD)
18 bolt pan

P1238

91-99 MITSUBISHI



Mitsubishi F4A33-1
14 bolt pan

P1239

91-03 ISUZU



GM 4L30-E
16 bolt pan

P1240

90-98 ISUZU 4CYL



Subaru R4AXEL
20 bolt pan

P1241

96 FORD TAURUS, MERC SABLE



AX4N, AX4S
19 bolt pan

P1242

93-95 TAURUS, 04 FREESTAR



AX4S
17 bolt pan

P1243

94-95 TAURUS, 95 SABLE



AX4N
19 bolt pan

P1244

90-96 AUDI, VW



Volkswagen AG-4
Molded rubber gasket

P1245

94-01 ES300, 94-04 TOY V6



Toyota A-541E
17 bolt pan

P1246

96-99 TAURUS V8, 96-02 LINC



AX4N
Reusable O.E. pan gasket

P1247

96-07 FORD, MERCURY V6



AX4N, AX4S
Reusable O.E. pan gasket

P1248

96-06 VOLKSWAGEN



Volkswagen AG-4
Molded rubber gasket

P1249

95-97 T100, 95-96 TACOMA



Toyota A340F, A343F
(4WD)
19 bolt pan

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P1250

90-98 LEXUS, VOLVO



Toyota A340E, A341E
Volvo AW40
19 bolt pan

P1251

93-02 PRIZM, TOYOTA 4CYL



Aisin-Warner A-243L
(4 Speed)
18 bolt pan

P1252

94-97 FORD ASPIRE 4CYL 1.3L



ATX
18 bolt pan

P1253

85-91 SUBARU 4CYL



4 EAT (4 Speed)
20 bolt pan

P1254

95-99 HYUNDAI ACCENT 4CYL



Alpha
13 bolt pan

P1255

84-96 MERCEDES-BENZ



W4A020
Molded rubber gasket

P1256

86-89 MAZDA B2600 4CYL



Jatco E4N71B
14 bolt pan

P1258

90-99 INFN Q45, 90-96 300ZX



RE4R03A
18 bolt pan

P1259

91-00 BMW



4L30-E
16 bolt pan

P1260

91-95 BMW, 90-97 JAGUAR



ZF-4HP-22
Molded rubber gasket

P1261

81-92 TOY LANDCRUISER 6CYL



A440F
20 bolt pan

P1262

98-10 DODGE TRUCK



47RE, 46, 44, 42
14 bolt pan

P1263

95-10 CHEVY, GMC



4L80-E
17 bolt pan (Reusable)

P1264

90-93 STORM, 90-92 IMPULSE



JF403E (4 Speed)
21 bolt pan

P1266

93-02 LAND ROVER V8



Land Rover ZF4HP22
Molded rubber gasket

P1267

97-10 CHEVY, GMC



4L60-E Deep Pan
16 bolt pan

P1268

95-11 CHVY, PNT, 00-10 STRN



4T40-E (MXO)
4T45-E (MN4)
12 bolt pan

P1270

00-11 DODGE, JEEP V8



45RFE/55RFE-2WD
(4 Speed)
15 bolt pan

P1271

00-11 DODGE, JEEP V8



45RFE/55RFE-4WD
(4 Speed)
15 bolt pan

P1272

97-99 TOYOTA



Aisin-Warner A340F 4WD
20 bolt pan

P1273

03-04 ISUZU, 98-10 TOYOTA



Aisin-Warner A-343F
4WD
19 bolt pan

P1276

01-11 CHEVY, GMC V8 HD



Allison 1000
Spin on filter

P1277

03-11 FORD SUPERDUTY



5R110W
Reusable OE pan gasket

P1278

95-07 FRD, 93-07 MAZ, MERC



CD4E (FWD) - CORK
14 bolt pan (Reusable)

P1281

02-10 FORD EXPL, MERC MNTN



5R55W
Reusable OE pan gasket

P1282

00-03 JAGUAR S-TYPE



5R55N
Reusable OE pan gasket

P1283

05-10 CHRY 300, 04-11 DODGE



42RLE
(4 Speed)
Reusable OE pan gasket

P1284

97-07 CHEVY CORVETTE V8



4L60-E (RWD)
16 bolt pan

P1285

05-07 SAAB, 98-11 SUBARU



Subaru R4AX-EL
Spin on filter

P1286

04-10 CHR, DDGE, 97-11 BENZ



W5A560 (5 Speed)
Molded rubber gasket

P1287

95-02 MAZDA MILLENIA V6



Mazda G4AEL (FWD)
17 bolt pan

P1288

00-11 FRD FOCUS, 99-10 MAZ



4F27E, J39A
20 bolt pan

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P1289

98-09 TILT CAB, NPR T.D.



AisinWarner AW450-43LE
20 bolt pan

P1290

99-09 HYUN, 04-11 KIA



F4A51
Spin on filter

P1291

97-08 MITSUBISHI 4CYL



Mitsubishi F4A41, F4A42
F4A51 (FWD)
Reusable OE pan gasket

P1292

99-11 MITSUBISHI V6



Mitsubishi F4A51 (FWD)
Reusable OE pan gasket

P1293

05-11 SCION, 02-07 TOYOTA



Toyota U140E, U140F
U240E (FWD)
18 bolt pan

P1294

03-11 SCION, 00-11 TOY 4CYL



U340E (MU5 AWD)
19 bolt pan

P1295

93-95 LEX GS300, 00-02 TOY



Toyota A341E (RWD)
19 bolt pan

P1296

03-08 PONT VIBE, TOY 1.8L



4T65-E (MU4 FWD)
18 bolt pan

P1297

00-11 HYUNDAI ACCENT 4CYL



Hyundai A4AF-1, A4AF-2
A4AF-3
13 bolt pan

P1298

90-09 NISS, 09-11 EQUATOR



Nissan RE4R01A
RL4R01A
18 bolt pan

P1299

93-01 BMW V8, V12



ZF-5HP-30 (4 speed)
23 bolt pan

P1300

96-09 AUDI, 98-05 PASSAT



ZF-5HP-19-FLA
(5 speed)
27 bolt pan

P1301

03-11 FORD



TorqShift
By-pass filter element

P1302

05-10 FRD MUSTNG, 03-06 LS



5R55N, 5R55S
Reusable OE pan gasket

P1303

03-11 TOYOTA



Toyota U140F, U151E
U241E, U250E
18 bolt pan

P1304

91-04 ACURA



4L60-E (4WD)
16 bolt pan

P1307

01-11 CHEVY, GMC 6.6L, 8.1L



Shallow pan
Reusable OE pan gasket

P1308

01-11 CHEVY, GMC 6.6L, 8.1L



Deep pan
Reusable OE pan gasket

P1319

MAGNETIC FILTER KIT



5/16" or 8mm
External in-line magnetic

P1320

MAGNETIC FILTER KIT



3/8" or 10mm
External in-line magnetic

82116

82-86 GM



Turbo-Hydramatic
700R4
16 bolt pan

82141

97-11 CHEVY, GMC



4L60E - BLACK PLASTIC
16 bolt pan

82142

97-11 CHEVY, GMC



4L60E - GREY PLASTIC
16 bolt pan

86115

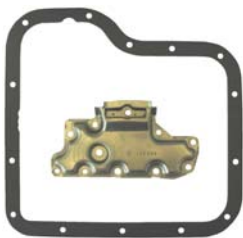
00-07 DODGE TRUCK



45RFE
External spin on filter

89153

MAZDA 929



L4N71B
14 bolt pan

LT338

LEXUS ES300



U140E/F
18 bolt pan

LT339

02-03 TOYOTA CELICA



U240E
18 bolt pan

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UP TO DATE LISTINGS ON ALL



NEW ITEMS IN STOCK

FULL DETAILS
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FT1031	P233	FT1110	P1226	FT1203	P1263	LT166	P1173	LT252	P1225
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FT1036	P241	FT1115A	P1236	FT1217	P1267	LT173	P1192	LT263	P1233
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FT1038	P240	FT1121	P1218	FT1223	P1271	LT175	P1191	LT265	P1220
FT1039	P233	FT1122	P1198	FT1224	P1281	LT178	P1186	LT266	P1258
FT1042	P247	FT1123	P1225	FT1225	P1297	LT179	P1187	LT267	P1242
FT1043	P253	FT1124	P1230	P6646	P1215	LT180	P1189	LT268	P1193
FT1044	P251	FT1128	P1222	P9264	P1276	LT186	P1203	LT269	P1234
FT1045	P250	FT1129	P1201			LT187	P1209	LT270	P1250
FT1046	P245	FT1130	P1214			LT188	P1188	LT271	P1231
FT1047	P254	FT1131	P1213			LT189	P1218	LT272	P1221
FT1048	P246	FT1132	P1261			LT192	P1182	LT276	P1239
FT1050	P1149	FT1133	P1216	LT103-6	P215	LT193	P1183	LT278	P1264
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FT1059	P1151	FT1146	P1211	LT115	P235	LT205	P1228	LT286	P1232
FT1060	P1179	FT1147A	P254	LT117	P227	LT206	P1224	LT287	P1229
FT1061	P1180	FT1148	P1260	LT119	P222	LT207	P1204	LT288	P1229
FT1062	P1173	FT1149	P1259	LT121	P234	LT208	P1261	LT290	P1254
FT1063	P1153	FT1150	P1240	LT122	P225	LT209	P1219	LT291	P1245
FT1064	P1207	FT1151	P1234	LT124	P256	LT210	P1222	LT292	P1241
FT1065	P1175	FT1152	P1235	LT131	P219	LT214	P1255	LT293	P1240
FT1066	P1178	FT1153	P1238	LT132	P248	LT215	P1196	LT294	P1236
FT1067	P1176	FT1154	P1223	LT133	P241	LT216	P1202	LT295	P1237
FT1068	P1190	FT1155	P1253	LT134	P240	LT217	P1201	LT296	P1241
FT1069	P1191	FT1158	P1233	LT135	P1149	LT218	P1223	LT297	P1247
FT1070	P1192	FT1159	P1287	LT138	P1174	LT222	P1206	LT298	P1232
FT1071	P1188	FT1160	P1242	LT140	P251	LT223	P1255	LT299	P1185
FT1072	P1185	FT1161	P1252	LT141	P250	LT225	P1200	LT321	P1263
FT1073	P1193	FT1162	P1251	LT144	P253	LT226	P1197	LT324	P1202
FT1074	P1195	FT1164	P1241	LT146	P221	LT227	P1213	LT328	P1262
FT1076	P1203	FT1166	P1268	LT147	P254	LT228	P1214	LT329	P1290

TRANSMISSION KIT QUICK CROSS REFERENCE

LT333	P1271	T73	P1193	T304	P1251	84115	P1184	89136	P1219
LT335	P1267	T74	P1195	T305	P1229	84116	P1150	89137	P1203
LT336	P1270	T76	P1203	T307	P1238	84122	P248	89138	P1212
LT338	LT338	T77	P1224	T309	P1245	84124	P222	89139	P1196
LT339	LT339	T83	P1204	T310	P1241	84126	P256	89140	P1223
LT340	P1242	T84	P1212	T313	P1267	84127	P1207	89141	P1200
LT349	P1288	T86	P1184	T314	P1263	84131	P1182	89142	P1216
LT352	P1262	T87	P1183	T315	P1268	84132	P1183	89143	P1261
		T88	P1182	T316	P1272	84133	P1242	89144	P1228
		T99X	P1186	T317	P1262	84134	P1197	89145	P1229
		T102X	P1206	T318	P1240	84135	P1213	89146	P1230
		T103	P1187	T321	P1271	84136	P1214	89150	P1256
		T103X	P1209	T322	P1270	84137	P1217	89151	P1238
		T104	P1189	T323	P1227	84138	P1242	89152	P1231
		T110	P1226	T324	P1248	84139	P1232	89156	P1233
		T112	P1187	T326	P1281	84140	P1193	89158	P1234
		T113	P1196	T332	P1277	84141	P1236	89159	P1225
		T115	P1197	T8737	P1276	84142	P1237	89160	P1225
		T116	P1236			84143	P1241	89161	P1225
		T117	P1237			84144	P1288	89162	P1244
		T121	P1218			86100	P233	89163	P1250
		T122	P1198			86101	P233	89164	P1221
		T130	P1214	82100	P221	86102	P233	89165	P1239
		T131	P1213	82102	P220	86104	P253	89166	P1264
		T135	P1213	82104	P241	86106	P1175	89168	P1255
		T136	P1214	82106	P239	86107	P1174	89169	P1255
		T248	P1201	82108	P1149	86108	P1198	89170	P1259
		T249	P1202	82110	P254	86110	P1206	89171	P1253
		T250	P1216	82112	P1194	86111	P1220	89172	P1240
		T251	P1223	82113	P1148	86112	P1262	89176	P1261
		T252	P1199	82114	P246	86113	P1271	89177	P1251
		T255	P1228	82117	P1195	86114	P1270	89178	P1235
		T258	P1222	82124	P219	89100	P1180	89179	P1245
		T259	P1219	82126	P236	89101	P1179	89180	P1249
		T262	P1229	82128	P1153	89103	P1178	89184	P1254
		T263	P1230	82129	P1173	89104	P250	89187	P1273
		T265	P1200	82130	P1185	89107	P1192	89189	P1285
		T274	P1206	82131	P254	89109	P1191	89191	P1293
		T276	P1250	82132	P1201	89110	P251		
		T279	P1230	82133	P1202	89111	P1190		
		T287	P1239	82134	P1215	89112	P245		
		T289	P1225	82135	P1211	89113	P1186		
		T290	P1217	82138	P1185	89114	P1187		
		T291	P1244	82139	P1227	89116	P1188		
		T292	P1211	82140	P1263	89117	P1176		
		T293	P1215	82143	P1268	89123	P1209		
		T294	P1220	84100	P225	89125	P1189		
		T295	P1242	84102	P227	89126	P1218		
		T296	P1221	84104	P234	89127	P1224		
		T297	P1231	84106	P235	89128	P1212		
		T298	P1232	84108	P240	89129	P1226		
		T299	P1233	84110	P247	89133	P1199		
		T300	P1234	84112	P1151	89134	P1222		
		T301	P1235	84114	P255	89135	P1204		


**TRANSMISSION
ACCESSORIES**

**GO TO PAGE 98
FOR INFORMATION
ON...**

TRANSFER CASE PLUGS

TRANSMISSION DRAIN PLUGS

TRANSMISSION PAN BOLTS



PCV VALVES

FOR ORDERS OR QUESTIONS - TOLL FREE

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* Replacing PCV Valves every 12,000 to 15,000 miles helps improve overall gas mileage and overall engine performance

STYLE ID# GUIDE



***** IMPORTANT *****

The pictures in this guide are for representation only.
As the internal components differ with each valve,
DO NOT order or install based on the valve's style ID.

Remember to replace PCV Valves as part of a complete filtration package

CATALOGS

CABINETS

P.O.P. MATERIAL

CUSTOMER CARE

PAGES 284-287 FOR
THE LATEST AVAILABLE

IFA PART #	STYLE ID #	GENERAL DESCRIPTION	POP CODE*	VALVE STAMP#
PV68C	1	77-97 FORD, 77-83 LINCOLN, 74-84 MERCURY V8	F	2080
PV76C	1	77-96 FORD, 77-84 MERCURY 4CYL, 6CYL	F	MV76B
PV82D	2	80-86 FORD 4CYL 140 2.3L, 71-86 MERCURY 4CYL	F	MV82D
PV88C	1	77-82 FORD, 76-80 MERCURY 4CYL 2.3L	F	MV88B
PV98C	1	77-02 FORD, 79-02 LINCOLN, MERCURY V8	B	2090
PV108C	1	86 FORD AEROSTAR, 84-86 BRONCO II, 83-85 RANGER V8	F	MV108
PV118C	1	80-98 FORD, 88-02 LINCOLN, 91-94 MAZDA, 80-93 MERCURY	C	2099
PV127C	1	84-89 FORD, 84-86 MERCURY 4CYL	F	2125
PV130C	1	86-95 FORD, MERCURY, 94-97 MAZDA B3000	D	2216
PV137	3	FORD, MERCURY 4 CYL 1.9L CARB, EFI	A	2218
PV138	5	FORD BRONCO, RANGER V6 2.9L FI	F	2221
PV139	3	PCV VALVE	D	2227
PV140	3	84-96 FORD, 84-88 LINCOLN V8 302 5.0L	C	2221
PV141	4	88-93 FORD FESTIVA, 95-02,05 KIA SPORTAGE, 86-94 MAZDA	AA	2223
PV142	2	87-90 FORD BRONCO II, 86-91 RANGER V6 177 2.9L	F	MV142
PV144	3	FORD, MERCURY 4 CYL 2.3L EXC. HO	F	2295
PV145	3	89-95 FORD THNDRBIRD, 89-90,93 MERCURY COUGAR V6 3.8L	F	2236
PV147	1	90-93 FORD MSTANG, 89-97 RNGER, 94-97 MAZDA B2300 2.3L	D	2238
PV151	5	PCV VALVE	F	2261
PV152	3	95-04 FORD, 00-01 MAZDA MPV, 97-02 MERCURY	C	2258
PV157	3	86-92 FORD, MERCURY 4CYL	F	2267
PV221	18	PCV VALVE	F	2298
PV223	3	88-94 FORD TEMPO, MERCURY TOPAZ 4CYL 140 2.3L	F	2295
PV224	5	95-97 FORD CONTOUR, MERCURY MYSTIQUE 4CYL 121 2.0L	D	2296
PV225	5	95-02 FORD, 95-00 MAZDA B4000, 98-02 MERCURY MNTNEER	C	2299
PV228B	1	95-05 FORD, 98-03 MAZDA B3000, 99-05 MERCURY SABLE V6	B	2307
PV229	5	97-98 FORD ESCORT, 97-99 MERCURY TRACER 4CYL 2.0L	F	2317
PV233	3	97-04 FORD V8, V10	A	2322
PV642	5	63-69 FORD, 64-69 MERCURY 6CYL	F	MV642
PV679	6	61-79 BUICK, CADILLAC, OLDSMOBILE, PONTIAC	F	2020
PV736	5	65-72 CHVY, GMC, 68-78 FORD, 68-75 MERCURY, 71-72 PONT	F	2051
PV758	5	71-76 CHEVY, 75-76 PONTIAC ASTRE 4CYL	F	MV758
PV761	7	68-98 CHRYSLER, 59-01 DODGE, 61-99 PLYMOUTH	AA	2103
PV761A	7	82-00 CHRYSLER, 79-03 DODGE, 78-00 PLYMOUTH	AA	2102
PV761B/C	7	FORD, MERCURY 6 CYL 250	F	2194
PV764B	1	78-88 FORD, 77-86 MERCURY	F	AV764B
PV765	6	63-78 AMC, JEEP	F	AV765
PV769	5	82-05 CADILLAC, 73-10 CHEVY, GMC, 95-03 OLDSMOBILE	AA	2057
PV770	6	73-87 BUICK, CHEVY, OLDS, PONTIAC, 81-82 CADILLAC	F	2069
PV773	1	70-80,96 FORD, 70-76 MERCURY V8	F	2080
PV774	3	85-95 CADILLAC, 74-97 CHEVY, GMC, 77-94 OLDS, PONTIAC	A	2072
PV775	3	74 CHEVY CAMARO, 75-80 CORVETTE V8 350 5.7L	F	AV775
PV781	8	74-88 BUICK, OLDS, PONTIAC V6, 74-89 CHEVY, GMC	F	2071
PV787	6	75-76 BUICK, PONTIAC, 75-81 OLDSMOBILE V8 260 4.3L	F	MV787
PV788	3	76-87 CHEVY CHEVETTE, 81-87 PONTIAC T1000 4CYL	F	2083
PV789	3	80-86 BUICK, 82-93 CAD, 76-97 CHEVY, PONT, GMC, OLDS	B	2088
PV792	8	77-81 BUICK, PONTIAC V8 301 4.9L	F	MV792
PV795	8	80-84 AMC, 80-93 BUICK, 80-92 JEEP, 78-93 OLDS, PONTIAC	F	2092
PV797	6	78 BUICK, 78-82 OLDSMOBILE	F	AV797
PV851	6	80-90 BUICK, 79-90 OLDSMOBILE, 80-89 PONTIAC V8	D	2064
PV853	9	80-84 CHEVY, OLDSMOBILE, PONTIAC V8	F	2093
PV857	8	80-81 BUICK, PONTIAC V8 265 4.3L, 301 4.9L	F	AV857
PV859	2	79-86 CHEVY, GMC V8	F	MV859
PV869	6	82-88 BUICK SKYHAWK, OLDS FIRENZA, 82-94 PONTIAC 4CYL	F	2120

PCV VALVES

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IFA PART #	STYLE ID #	GENERAL DESCRIPTION	POP CODE*	VALVE STAMP#
PV873	6	84-87 BUICK SKYHAWK, 85-90 PONTIAC (TURBO)	F	AV873
PV881	6	85-86 BUICK, GMC, 85-93 CHEVY, OLDS, PONT, 65-96 TOYOTA	F	2123
PV882	3	85-86 SKYHWK, CIMRRON, CVALIER, FIRNZA, SUNBIRD 121 2.0L	D	2124
PV892	5	87-09 BUICK, 85-09 CHEVY, PONTIAC, 85-04 OLDS V6	AA	2191
PV893	6	86-87 BUICK REGAL, 89 PONTIAC FIREBIRD V6 231 3.8L TURBO	F	AV893
PV895	5	87-96 BUICK, 94-96 CADLLC, 87-97 CHEVY, PONT, 87-95 OLDS	B	2224
PV899	8	PCV VALVE	D	2235
PV900	5	94-00 GMC SONOMA, 96-00 ISUZU HOMBRE, 91-96 SATRN 1.9L	AA	2226
PV914	3	91-93 BUICK ROADMASTER, CHEVY CAPRICE, OLDS CUSTOM	C	2262
PV947	5	PCV VALVE	F	2226
PV1001	10	68-71 TOY COROLLA, 81-82 STARLET, 93-94 LAND CRUISER	F	N/A
PV1002	11	TOYOTA COROLLA, CORONA	F	2246
PV1004	13	NISSAN 11810-A3500,11810-A3501	C	2076
PV1005	11	77-79 AMC CONCORD, GREMLIN, SPIRIT 4CYL 121 2.0L	F	2284
PV1008	3	83-87 AMC, 83-90 JEEP 6CYL 258 4.2L	F	2117
PV1009	11	96-97 LEXUS LX450, 80-97 TOYOTA	D	2211
PV1010	14	84 DODGE COLT 4CYL 98 1.6L, 93 COLT 4CYL 144 2.4L	D	2240
PV1013	12	88-89 HONDA ACCORD, 97-02 MITS MIRAGE, 85-93 TOYOTA	A	2190
PV1014	12	89-92 FORD PROBE, 81-93 MAZDA, 91-94 MERCURY CAPRI	D	2185
PV1015	12	99-03 CHEVY TRACKER, 96-03 SUZUKI, 83-97 TOYOTA	A	2184
PV1016	13	93-98 MERCURY VILLAGER, 80-04 NISSAN	B	2188
PV1017	14	85-88 CHEVY SPRINT, 89-95 GEO TRACKER, 86-95 SUZUKI	D	2189
PV1019	17	66-90 NISSAN, 78-02 SUBARU	C	2076
PV1020	11	86-87 ACURA INTEGRA, 84-87 HONDA 4CYL	D	2212
PV1021	14	79-95 DODGE, PLYMOUTH, 90-98 EAGLE, 83-10 MITSUBISHI	D	2217
PV1022	14	96-09 HYUNDAI, 90-94 MITSUBISHI PRECIS 4CYL	C	2220
PV1023	14	87-89 DODGE, PLY, 94-96 HONDA PASSPORT, 89-95 ISUZU	D	2230
PV1024	12	01-04 CHEVY TRACKER, 90-05 MAZDA MIATA, 99-03 SUZUKI	C	2196
PV1026	4	GEO STORM, ACCORD, CAMRY, TERCEL	A	2232
PV1027	15	88-91 HONDA 4CYL 1.5L	D	2233
PV1028	4	88-91 ACURA INTEGRA, 88-00 HONDA 4CYL	B	2243
PV1029	16	90-00 CHRYSLER, DODGE, PLYMOUTH, 92-99 MITS V6 181 3.0L	C	2257
PV1030	4	93-97 FORD PROBE, KIA SEPHIA, 90-03 MAZDA	A	2241
PV1031	21	90-98 NISSAN 4CYL 2.4L	D	2250
PV1032	18	86-90 ACURA LEGEND V6 SOHC	D	2274
PV1034	4	91-04 ACURA V6 3.2L, 03-04 HONDA V6 3.5L	C	2269
PV1035	12	FORD ESCORT GT, MERCURY TRACER 4 CYL	F	2273
PV1036	3	91-02 FORD, 91-94 LINCOLN CONTINENTAL, 91-97 MERCURY	D	2259
PV1037	17	93-97 INFINITI J30, 90-96 NISSAN 300ZX V6 3.0L	D	N/A
PV1038	19	90-97 LEXUS, 89-98 MAZDA, 71-00 TOYOTA	D	2255
PV1039	4	91-99 ACURA, 90-02 HONDA, 83-95 TOYOTA	AA	2232
PV1043	20	04-05 CHRY SBRNG, DDGE STRTUS, 90-02 HYUNDAI, 88-11 MITS	B	2237
PV1044	15	87-94 SUBARU JUSTY 3CYL 1.2L	F	PA234
PV1045	21	91-93 NISSAN NX1600, 91-94 NISSAN SENTRA 4CYL 1.6L	F	2251
PV1046	21	90-96 INFINITI Q45 V8 4.5L	F	N/A
PV1047	4	93-97 FORD PROBE, 93-02 MAZDA	C	2242
PV1048	21	91-99 INFINITI G20, NISSAN 4CYL 2.0L	F	2252
PV1049	10	89-00 CHEVY, GEO METRO 3CYL 1.0L, 89-94 SUZUKI SWIFT 1.3L	F	N/A
PV1050	13	93-04 CHRY, DODGE, 93-97 EAGLE VISION, 97-01 PLY PROWLER	B	2272
PV1051	4	96-05 ACURA, 94-02 HONDA, 92-03 LEXUS, TOYOTA	AA	2265
PV1052	5	92-96 FORD ESCORT, MERCURY TRACER 4CYL 116 1.9L	C	2277
PV1053	12	98-01 CHEVY, 92-02 SUZUKI 4CYL	F	2281
PV1054	4	95-03 CHRYSLER, DODGE, 93-03 MITS, 93-94 PLYMOUTH COLT	A	2274
PV1055	4	94-01 ACURA INTEGRA, 94-97 HONDA DEL SOL, 00-04 INSIGHT	D	2291

IFA PART #	STYLE ID #	GENERAL DESCRIPTION	POP CODE*	VALVE STAMP#
PV1056	5	97-02 SATURN 4CYL 1.9L	D	2226
PV1057	12	92-00 HONDA CIVIC 4CYL 1.5, 1.6L	B	2290
PV1058	12	96-02 INFINITI, 95-01 NISSAN MAXIMA	C	2306
PV1059	12	95-98 NISSAN 200SX, 95-03 NISSAN SENTRA 4CYL	D	2190
PV1061	4	96-99 ACURA SLX, 95-01 HONDA PASSPORT, 96-02 ISUZU	B	2289
PV1062	7	96-01 CHRYS, DODGE, 95-99 MITS ECLIPSE, 96-00 PLYMOUTH	F	2102
PV1063	5	02 CAD ESCALADE, 97-04 CHEVY, 99-02 GMC, 98-06 PONTIAC	A	2323
PV1064	4	98-99 CHEVY PRIZM, TOYOTA COROLLA 4CYL 1.8L	F	2326
PV1065	21	03-06 PONTIAC VIBE, 00-06 TOYOTA 4CYL 1.8L	F	2343
PV1066	21	00-02 CHEVY PRIZM, 03-08 PONT VIBE, 00-08 TOYOTA 4CYL	F	2339
PV1067	23	92-99 TOYOTA 4CYL 2.0, 2.2L	B	2302
PV1068	4	98-04 LEXUS V8, 98-02 TOYOTA V8 4.7L	D	2331
PV1069	4	94-98 ACURA, 95-03 HONDA	C	2270
2315	28	TOYOTA CAMRY 2.2L 90° PCV VALVE	B	2315
2327	3	FORD RANGER 2.5L	C	2327
2333	29	SATURN DOHC	C	2333
2336	5	00-05 FORD TRUCK 4.6L	F	2336
2340	26	99-01 JEEP GRAND CHEROKEE 4.7L	F	2340
2342	25	01-07 DODGE CARAVAN	B	2342
2352	25	PCV VALVE	F	2352
2355	30	HONDA CIVIC	F	2355
2366	24	DODGE RAM PICK-UPS, JEEP	D	2366
2369	27	02-05 TOYOTA CAMRY 2.4L	F	2369
2377	5	03-04 GMC	C	2377



* See oil/air filter quick cross reference guide on page 6 or 23 for complete instructions on how to use popularity charts

Top 8 numbers
Next 9 numbers
Next 13 numbers
Next 17 numbers
Next 26 numbers
Last 61 numbers

KEY TO POPULARITY CODES*

AA - 56% OF SALES

A - 18% OF SALES

B - 13% OF SALES

C - 10% OF SALES

D - 2% OF SALES

F - 1% OF SALES

* POP CODE RATING IS BASED ON NATIONAL SALES DATA COMPILED BY INTERNATIONAL FILTERS AND MAY DIFFER FROM BUSINESS TO BUSINESS

PCV VALVE STARTER KIT



* Kit includes the top 20 numbers:
10 each of the top 10
5 each of the next 10
 (150 total pieces)

* 20 part numbers come in a 32 space carrying case, leaving 12 open spaces for expansion

IFA PART#
PCVASST



10 EACH OF:

PV141
PV761
PV761A
PV769
PV774
PV892
PV900
PV1026
PV1039
PV1051

5 EACH OF:

PV137
PV233
PV789
PV1013
PV1015
PV1030
PV1043
PV1054
PV1063
PV1067

PCV VALVE QUICK CROSS REFERENCE

		PC145	PV895	PC271	PV1052	FV196	PV764B	FV305	PV157
		PC146	PV795	PC272	PV1050	FV197	PV68C	FV306	PV1009
		PC147	PV1023	PC273	PV1015	FV198	PV98C	FV307	PV1023
		PC148	PV1021	PC283	PV1037	FV200	PV795	FV308	PV1027
PC2	PV1019	PC170	PV144	PC286	PV228B	FV202	PV773	FV309	PV1039
PC21	PV1005	PC171	PV142	PC287	PV1030	FV209	PV76C	FV310	PV1014
PC32	PV736	PC172	PV157	PC301	PV1055	FV218	PV68C	FV311	PV1043
PC39	PV764B	PC174	PV145	PC304	PV761A	FV220	PV76C	FV312	PV1044
PC50	PV773	PC175	PV1014	PC319	PV1051	FV221	PV88C	FV313	PV142
PC51	PV761	PC176	PV147	PC324	2315	FV224	PV764B	FV314	PV1038
PC54	PV679	PC177	PV1001	PC325	PV1067	FV231	PV761A	FV315	PV145
PC68	PV892	PC178	PV147	PC326	PV1051	FV232	PV1005	FV317	PV1038
PC70	PV881	PC182	PV775	PC327	PV1034	FV233	PV1019	FV318	PV1021
PC71	PV1038	PC184	PV1038	PC330	PV1046	FV237	PV851	FV319	PV1046
PC74	PV769	PC186	PV1032	PC336	PV1058	FV240	PV853	FV322	PV1032
PC75	PV68C	PC189	PV1017	PC338	PV1048	FV243	PV118C	FV323	PV1038
PC76	PV76C	PC190	PV1013	PC339	PV1063	FV246	PV118C	FV324	PV1028
PC79	PV88C	PC191	PV1013	PC345	PV1038	FV248	PV82D	FV325	PV1049
PC80	PV792	PC193	PV1027	PC347	PV1051	FV249	PV764B	FV327	PV1047
PC81	PV736	PC194	PV98C	PC349	PV228B	FV258	PV1024	FV329	PV1036
PC84	PV774	PC195	PV1039	PC356	PV233	FV260	PV1008	FV330	PV914
PC85	PV781	PC196	PV1024	PC365	2327	FV261	PV127C	FV331	PV1043
PC86	PV88C	PC197	PV1039	PC373	PV152	FV263	PV1037	FV332	PV1051
PC87	PV789	PC199	PV853	PC391	PV229	FV264	PV873	FV333	PV1029
PC90	PV788	PC200	PV1014	PC393	PV1064	FV265	PV882	FV335	PV1045
PC91	PV1005	PC203	PV1021	PC403	PV1051	FV266	PV1021	FV336	PV1048
PC92	PV761	PC204	PV1023	PC406	PV1031	FV267	PV859	FV337	PV1031
PC93	PV787	PC206	PV1038	PC420	PV1068	FV268	PV792	FV338	PV1009
PC94	PV795	PC212	PV1020	PC434	PV1066	FV269	PV857	FV341	PV1047
PC97	PV851	PC215	PV1009	PC435	PV1065	FV270	PV795	FV343	PV157
PC101	PV76C	PC217	PV1026	PC437	2333	FV271	PV869	FV345	PV1050
PC103	PV792	PC219	PV142			FV275	PV1014	FV346	PV761A
PC104	PV118C	PC220	PV1044			FV277	PV1016	FV347	PV223
PC105	PV118C	PC221	PV1039			FV278	PV1017	FV348	PV761A
PC107	PV88C	PC228	PV1043			FV279	PV1013	FV349	PV224
PC108	PV857	PC230	PV1028	FV112	PV679	FV280	PV761B/C	FV350	PV1054
PC116	PV764B	PC231	PV1022	FV122	PV679	FV282	PV1039	FV352	PV152
PC120	PV761	PC233	PV1048	FV131	PV761	FV284	PV1016	FV353	PV228B
PC121	PV761A	PC234	PV1031	FV158	PV736	FV285	PV1020	FV355	PV228B
PC122	PV859	PC235	PV1045	FV163	PV761	FV288	PV1022	FV365	PV1034
PC124	PV869	PC236	PV1029	FV168	PV758	FV289	PV1030	FV366	PV1067
PC128	PV881	PC237	PV914	FV176	PV881	FV290	PV137	FV369	PV1052
PC129	PV795	PC238	PV1036	FV177	PV1001	FV291	PV138	FV370	PV1048
PC133	PV127C	PC239	PV1029	FV178	PV147	FV292	PV130C	FV372	PV1055
PC134	PV761A	PC245	PV1057	FV179	PV770	FV293	PV764B	FV373	PV1058
PC135	PV789	PC257	PV225	FV181	PV773	FV294	PV140	FV374	PV1036
PC136	PV1016	PC259	PV1053	FV183	PV775	FV295	PV900	FV375	PV225
PC137	PV157	PC263	PV1054	FV184	PV774	FV296	PV895	FV376	PV147
PC138	PV140	PC264	PV1038	FV185	PV781	FV297	PV893	FV378	PV1057
PC139	PV141	PC265	PV1051	FV186	PV769	FV299	PV892	FV379	PV1053
PC140	PV1049	PC266	PV224	FV188	PV787	FV300	PV881	FV380	PV1051
PC142	PV1014	PC268	PV1047	FV190	PV788	FV301	PV795	FV381	PV1051
PC143	PV144	PC269	PV1047	FV191	PV789	FV303	PV1010	FV382	PV1038
PC144	PV900	PC270	PV761A	FV194	PV792	FV304	PV144	FV384	PV1051

PCV VALVE QUICK CROSS REFERENCE

FV385	PV1015	4-82D	PV82D	6-1025	PV1028	52245	PV769	59203	PV1015
FV389	PV1051	4-88B	PV88C	6-1026	PV1037	52246	PV859	59204	PV1001
FV391	PV1063	4-94B	PV764B	6-1027	PV1032	52247	PV895	59205	PV1024
FV392	2315	4-98B	PV98C	6-1028	PV1038	52248	PV900	59206	PV881
FV393	PV229	4-700	PV157	6-1029	PV1049	52249	PV1017	59208	PV881
FV394	PV1051	4-711	PV118C	6-1030	PV1049	52250	PV1049	59209	PV881
FV395	PV761A	4-718	PV108C	6-1031	PV1009	52251	PV914	59210	PV1009
FV397	PV233	4-727A	PV127C	6-1032	PV1031	52252	PV1063	59211	PV1038
FV401	PV1068	4-730	PV130C	6-1033	PV1045	52253	2333	59212	PV1067
FV405	2342	4-736	PV642	6-1034	PV1048	52254	2377	59213	PV1051
FV407	PV1066	4-737	PV157	6-1035	PV1046	54200	PV736	59215	PV1015
FV437	PV1064	4-738	PV142	6-1037	PV1038	54208	PV68C	59220	PV1021
FV438	2327	4-739	PV140	6-1038	PV1029	54210	PV76C	59221	PV1010
		4-741	PV141	6-1039	PV1029	54218	PV98C	59222	PV1043
		4-742	PV142	6-1041	PV1051	54220	PV118C	59224	PV1044
		4-743	PV144	6-1048	PV1054	54222	PV82D	59225	PV1054
		4-745	PV145	6-1058	PV1069	54223	PV137	59230	PV1019
		4-747	PV147	6-1075	PV1032	54224	PV764B	59231	PV1045
2-761	PV761	4-753	PV1036	6-1079	PV1053	54225	PV130C	59232	PV1016
2-761A	PV761A	4-764B	PV764B	6-1083	PV1067	54227	PV127C	59233	PV1037
2-764	PV1050	4-76B	PV76C	6-1085	PV1051	54229	PV138	59234	PV1031
2-802	2342	4-770	PV228B	6-1089	PV1058	54230	PV139	59235	PV1045
3-679	PV679	4-771	PV228B	6-1091	PV1051	54231	PV140	59236	PV1048
3-758	PV758	4-772	PV229	6-1101	PV1038	54232	PV144	59237	PV1046
3-769	PV769	4-773	PV233	6-1113	2355	54233	PV142	59239	PV1048
3-774	PV774	4-790	PV228B	8-1005	PV1005	54234	PV145	59240	PV1020
3-775	PV775	4-792	2327	8-1008	PV1008	54235	PV147	59241	PV1026
3-781	PV781	6-700	PV1014			54237	PV1036	59242	PV1027
3-787	PV787	6-701	PV1016			54240	PV223	59243	PV1028
3-788	PV788	6-702	PV1016			54241	PV224	59244	PV1032
3-789	PV789	6-703	PV1015			54244	PV225	59246	PV1034
3-792	PV792	6-704	PV1039	52200	PV679	54248	PV228B	59248	PV1061
3-795	PV795	6-705	PV1024	52204	PV851	54249	PV229	59249	PV1057
3-797	PV770	6-1001	PV1001	52206	PV781	54253	PV233	59250	PV1014
3-851	PV770	6-1002	PV1038	52208	PV774	54254	PV118C	59252	PV141
3-852	PV781	6-1003	PV881	52210	PV787	54255	2327	59253	PV1030
3-853	PV853	6-1004	PV1019	52212	PV788	54256	2336	59254	PV1047
3-855	PV792	6-1005	PV1009	52214	PV792	54326	PV152	59255	PV1038
3-857	PV857	6-1006	PV1038	52216	PV795	56202	PV761	59256	PV1047
3-859	PV859	6-1009	PV1020	52218	PV789	56204	PV761A	59257	PV157
3-869	PV869	6-1010	PV1017	52220	PV853	56205	PV761B/C	59259	PV1052
3-873	PV873	6-1011	PV1013	52222	PV857	56206	PV761B/C	59260	PV1022
3-878	PV795	6-1012	PV1022	52224	PV792	56207	PV1023	59261	PV1010
3-881	PV881	6-1013	PV1010	52232	PV775	56208	PV1029	59271	PV1053
3-882	PV882	6-1014	PV881	52233	PV795	56209	PV1050	59280	PV1055
3-892	PV892	6-1015	PV1023	52235	PV892	56212	2342	59282	PV1058
3-893	PV893	6-1016	PV1014	52236	PV873	56213	2352	59283	2315
3-895	PV895	6-1017	PV1039	52237	PV869	56215	2366	59290	PV1051
3-899	PV795	6-1018	PV1027	52238	PV795	58202	PV1005	59292	PV1038
3-900	PV900	6-1019	PV1044	52239	PV881	58208	PV1008	59293	PV1051
3-914	PV914	6-1021	PV1043	52240	PV882	58209	2340	59294	PV1064
3-930	PV1064	6-1022	PV1010	52241	PV893	59200	PV1009	59295	PV1068
3-1005	PV1005	6-1023	PV1030	52242	PV1013	59201	PV1039	59296	2369
4-49B	PV76C	6-1024	PV1047	52243	PV770	59202	PV1038	59297	2355
4-68B	PV68C								

MIGHTY

SERVICE 1

BREATHERS

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83



- Top 3 numbers
- Next 3 numbers
- Next 3 numbers
- Next 7 numbers
- Next 8 numbers
- Last 9 numbers

KEY TO POPULARITY CODES*

AA - 47% OF SALES
A - 26% OF SALES
B - 16% OF SALES
C - 8% OF SALES
D - 2% OF SALES
F - 1% OF SALES

* See oil/air filter quick cross reference guide on pages 6 or 23 for complete info and instructions on how to use popularity charts

- * NO CASE OR BOX REQUIREMENTS
- * EASY ADD-ON SALE

* POP CODE RATING IS BASED ON NATIONAL SALES DATA COMPILED BY INTERNATIONAL FILTERS AND MAY DIFFER FROM BUSINESS TO BUSINESS

AA - MOST POPULAR BREATHERS



IFA PART #	GENERAL DESCRIPTION	POP CODE*	IFA PART #	GENERAL DESCRIPTION	POP CODE*
AB9	68-93 GM (WITH CLIP)	A	AB3153	80-88 AMC, 80-90 JEEP	C
AB9P	AB9 GM PAD ONLY	F	AB3157	84-87 CHRYS, DDGE, PLY 4CYL	F
AB16-1	70-86 FORD, 71-83 MERCURY	C	AB3158	86-96 CHRYS, DDGE, PLY 4CYL	D
AB3124	77-97 FORD	C	AB3160	86-97 FORD, MERCURY	AA
AB3125	73-83 FORD, MERCURY 4CYL	D	AB3162	88-95 CHRYSLER, DODGE, PLY	F
AB3126	93-94 FORD, MERCURY V8 4.6L	D	AB3164	81-90 FORD, 81-87 MERCURY	F
AB3127	78-87 FORD, LINC, MERCURY	A	AB3165	86-92 FORD, MERCURY	A
AB3128	69-89 GM (TENNIS BALL)	B	AB3581	80-89 DODGE, 83-89 MITS	F
AB3131	79-91 GM	B	AB4303	80-89 DODGE, PLYMOUTH	C
AB3132	71-89 CHRYS, 71-03 DODGE	AA	AB4376	83-88 MITS CORDIA, TREDIA	D
AB3133	82-93 GM 4CYL	C	AB4843	94-98 FORD TRUCK	AA
AB3134	82-87 CADILLAC V8 4.1L	C	AB5064	95-00 CONTOUR, MYSTIQUE	D
AB3135	82-83 CAMARO, FIREBIRD	C	AB5083	84-87 CIVIC, CRX, WAGOVAN	F
AB3138	84-91 FORD, 84-87 MERCURY	D	AB6937	90-93 ACURA SECONDARY	F
AB3140	82-85 GM 4.3L, 5.7L DIESEL	F	ABMB	MERCEDES BREATHER	D
AB3142	83-87 GM 4CYL 151 2.5L	B	54500	FORD ESCORT BREATHER BLOCK	D
AB3145	79-83 DODGE OMNI, PLY 1.7L	F			

BREATHER ELEMENT CUT TO FIT SWATCH



* Universal cut to fit breather sheet for most domestic and import breather applications

* Two (2) sheets per package

IFA PART#
B-SHEET

BREATHER QUICK CROSS REFERENCE

FRAM		PUROLATOR		SERVICE 1					
BA19	AB9	BA6591	AB3160	B13153	AB3153	B33126	AB3126	52306	AB3135
BA19P	AB9P	BA6592	AB3165	B13158	AB3158	B43127	AB3127	52307	AB3142
BA24	AB16-1	BA6593	AB4303	B13162	AB3162	B43132	AB3132	52310	AB3134
BA3525	AB3127	BA6594	AB3581	B15064	AB5064	B43140	AB3140	54300	AB16-1
BA3554	AB3125	BA6595	AB4376	B15083	AB5083	B43160	AB3160	54302	AB3125
BA3631	AB3128	BA6660	AB3162	B20009	AB9	B44843	AB4843	54304	AB3124
BA3632	AB3132	BA6661	AB3158	B20009P	AB9P	B53581	AB3581	54306	AB3138
BA3642	AB3131	BA7345	AB3135	B20161	AB16-1	B54303	AB4303	54307	AB3160
BA3706	AB3145	BA7347	AB3157	B23124	AB3124	B54376	AB4376	54308	AB3127
BA3707	AB3138	BA7400	AB3134	B23125	AB3125			54310	AB3164
BA3707A	AB3164	BA7424	AB5083	B23128	AB3128			54312	AB3165
BA3749	AB3124	BA7756	AB4843	B23133	AB3133			54313	AB4843
BA3803	AB3133	BA8112	AB5064	B23134	AB3134			54316	AB5064
BA3812	AB3153			B23138	AB3138	07036	AB6937	54500	54500
BA6314	AB3142			B23142	AB3142	52300	AB3128	56300	AB3132
				B23145	AB3145	52302	AB9	56303	AB3158
				B23157	AB3157	52302P	AB9P	56307	AB3162
		B13131	AB3131	B23164	AB3164	52304	AB3131	58300	AB3153
		B13135	AB3135	B23165	AB3165	52305	AB3133	59302	AB5083

UP-TO-DATE INFORMATION @ WWW.INTERNATIONALFILTERS.COM

VIRTUAL PRODUCT CATALOG, MSDS, INSTRUCTIONAL VIDEOS (VIA YOUTUBE AND FACEBOOK), AND MORE...



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July 14, 2010 at 10:51am

IFA - INTERNATIONAL FILTERS AND ACCESSORIES SEAFOAM - INSTRUCTIONAL VIDEO - For use on Gas and Diesel engines - CRANKCASE, FUEL TANKS, AIR INTAKES, VACUUM, and INDUCTION SYSTEMS!



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SERPENTINE BELTS

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85

* Outer bias-cut cover resists surface fatigue and provides resistance to abrasion and the effects of oil and heat

* Meets OEM specifications



* Specially compounded synthetic molded rubber ribs provide high strength, wear resistance, and long life

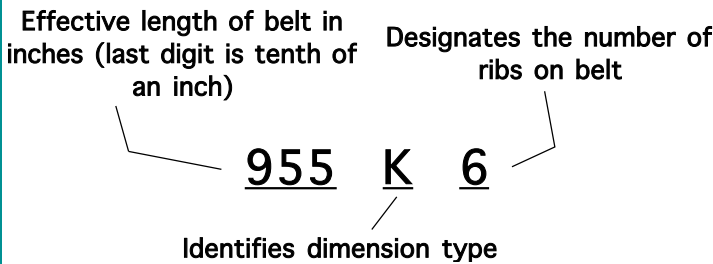
* 60,000 Limited Warranty



* Strong polyester cords carry high horsepower loads without stretching



SERPENTINE BELT NUMBERING SYSTEM

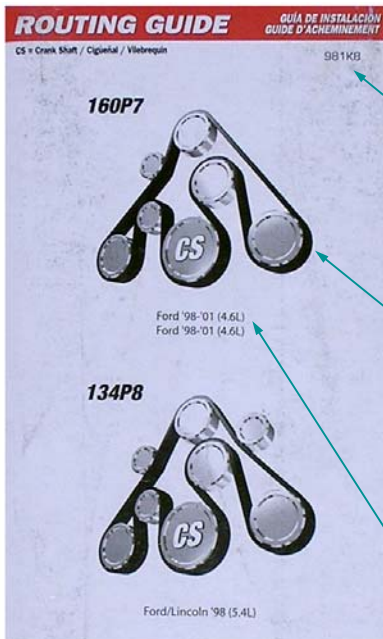


Using this example, this belt (955K6) is a K section serpentine belt, 95 and 5/10 inches long, and is 6 ribs wide

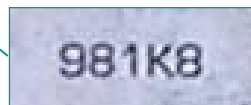


SERPENTINE BELT ROUTING GUIDE

* ARMOR MARK™ serpentine belts have the most common routing diagram(s) pictured on the back of each belt sleeve, helping you save time searching for diagrams under the hood



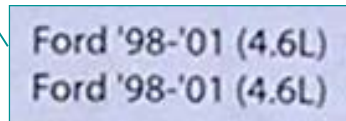
EACH SLEEVE CONTAINS THE FOLLOWING HELPFUL INFORMATION:



* PART NUMBER VERIFICATION



* DIAGRAM(S) OF THE MOST COMMON ROUTING APPLICATION(S)
(Routing guides are for general reference only)



* DESCRIPTION OF THE MOST POPULAR VEHICLE(S) ASSOCIATED WITH DIAGRAM
(Belts may also fit additional vehicles other than those listed)

3 RIBBED BELTS - K3 SERIES - 27/64" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
195K3	99-03 CHEVY, SUZUKI (2.0L), 96-98 SUZUKI (1.8L)	C	495PK3
243K3	95-05 CADILLAC (4.6L), 95-03 OLDSMOBILE (4.0L), 04-05 PONTIAC (4.6L)	D	617PK3
250K3	01-04 FORD, MAZDA TRUCK (3.0L), 84-97 TOYOTA (1.6, 1.8L)	B	635PK3
260K3	01 HYUNDAI (2.0L)	F	660PK3
268K3	95-00 FORD (2.5L) 00-07 (3.0L), 01-07 MAZDA (3.0L)	C	681PK3
290K3	84-87 HONDA (1.3L,1.5L)	D	737PK3
295K3	92-01 TOYOTA (2.2L)	B	749PK3
300K3	90-99 TOYOTA (2.2L), 83-01 TOYOTA TRUCK (2.0L)	B	762PK3
310K3	88-92 DAIHATSU (1.0L)	F	787PK3
323K3	89-91 CHEVROLET (1.0L), 89-94 SUZUKI (1.3L)	D	820PK3
340K3	SERPENTINE BELT	F	864PK3
385K3	82-83 HONDA (1.8L), 83-88 TOYOTA (1.5L), 83-87 (1.6L)	F	978PK3
390K3	90-92 INFINITI (3.0L), 87-89 NISSAN (3.0L), 91-98 NISSAN (2.4L)	D	991PK3
415K3	83-88 TOYOTA (1.5L)	F	1054PK3
425K3	86-87 ACURA (2.5L), 87-90 ACURA (2.7L)	F	1080PK3
455K3	89-90 NISSAN (2.4L)	F	1156PK3

4 RIBBED BELTS - K4 SERIES - 9/16" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
238K4	94-96 DODGE, EAGLE, MITSUBISHI, PLYMOUTH (1.5L)	F	605PK4
240K4	85-91 BUICK, OLDS, PONTIAC (2.5L), 95-02 HYUNDAI (1.5L)	F	610PK4
248K4	82-86 BUICK, OLDS, PONTIAC (1.8L), 86-87 MAZDA (2.0L)	D	630PK4
250K4	93-94 DDGE, PLY (2.4L), 93-95 HYUN (1.5L), MITS (2.4L), 93-96 EAGLE (2.4L)	F	635PK4
270K4	85-88 CHEVROLET, PONTIAC (1.5L), 85-88 ISUZU (1.5L), 89 (1.6L)	F	686PK4
275K4	95-98 ACURA (2.5L), 95-99 MITSUBISHI (2.0L, 2.4L)	D	699PK4
285K4	81-85 FORD, MERC (1.6L), 89-94 SUBARU (1.2L), 91-95 TOYOTA TRUCK (2.4L)	F	724PK4
290K4	92-94 ACURA (2.5L), 88-89 NISSAN (2.0L), 89-94 SUBARU (1.2L)	F	737PK4
300K4	92 DODGE, PLYMOUTH (1.8L), 94 MITSUBISHI (1.8L)	C	762PK4
305K4	02-06 MITSUBISHI (2.0L), 02-07 NISSAN (3.5L), 04-07 MAZDA (1.3L)	A	775PK4
310K4	92-01 ACURA (1.8L), 99-00 CHEVY TRUCK (1.6L), 89-02 SUZUKI TRUCK (1.6L)	B	787PK4
315K4	96-00 HONDA (1.6L), 89-98 SUZUKI TRUCK (1.6L)	A	800PK4
320K4	01-07 HYUNDAI (1.6L), 90-02 SUZUKI TRUCK (1.6L), 06-07 KIA (1.6L)	A	813PK4
325K4	98-01 CHEVROLET (1.3L), 97-01 HONDA TRUCK (2.0L), 04-05 BMW (4.4L)	A	826PK4
330K4	90-01 ACURA (1.8L), 06-07 HYUNDAI, KIA (1.6L), 06-07 SUBARU (2.5L)	B	838PK4
333K4	01-05 HYUNDAI (1.6L), 00-05 NISSAN (1.8L)	A	846PK4
335K4	00-04 DODGE (2.0L), 01-04 VOLKSWAGEN (1.8L), 97-07 HYUNDAI (2.0L)	B	851PK4
340K4	90-01 NISSAN (2.4L), 95-04 TOYOTA TRUCK (3.4L), 03-07 BMW (VARIOUS)	A	864PK4
345K4	01-07 CHRYSLER TRUCK (2.4L), 94-07 TOY (2.4L), 04-06 LEXUS (3.3L)	A	876PK4
350K4	90-04 MAZDA (1.8L), 04-07 TOYOTA (3.3L), 04-07 KIA (2.0L)	A	889PK4
355K4	01-05 CHRYSLER (3.0L), 97-04 MITSUBISHI (3.5L), 06-07 MITSUBISHI (3.8L)	B	902PK4
360K4	93-02 MAZDA (2.0L,2.5L), 91-05 TOYOTA (1.5L), 04-07 MITSUBISHI (3.8L)	B	914PK4
365K4	04-07 BUICK (5.3L), 03-07 GMC (5.3L), 01-07 SUZUKI (2.7L)	B	927PK4
370K4	05-07 ACURA (3.5L), 03-07 INFINITI (3.5L,4.5L), 03-07 KIA (2.4L)	B	940PK4
373K4	96-04 ACRA (3.5L), 00-05 HYUN (2.4L), 90-05 INFIN (4.5L), 01-05 NISS (3.5L)	B	947PK4
378K4	99-07 CHEVROLET, GMC TRUCK (4.8L,5.3L,6.0L)	AA	960PK4
382K4	89-95 DODGE (2.5L), 03-05 KIA (1.6L)	D	970PK4
385K4	91-05 ACURA (3.0L), 01-07 CHRYSLER (2.7L)	C	978PK4
390K4	90-98 MAZ (1.8L), 89-96 MITS (2.0L), 03-07 HONDA (3.0L), 04-05 CAD (5.7L)	C	991PK4
395K4	01-05 ACURA, HONDA (1.7L), 00-04 MITSUBISHI TRUCK (3.5L)	B	1003PK4
400K4	01-06 CHEVY, GMC TRK (8.1L), 03-05 SUZUKI (2.5L) , 92-01 HONDA (2.3L)	B	1016PK4
405K4	93-98 MERC TRUCK (3.0L), 85-98 NISSAN TRUCK (3.0L)	B	1029PK4
410K4	06-07 CHEVROLET (6.0L), 03 TOYOTA TRUCK (3.4L), 98-02 PONTIAC (5.7L)	C	1041PK4
413K4	95-04 TOYOTA TRUCK (3.4L), 97-99 MITS TRUCK (2.4L)	C	1049PK4

SERPENTINE BELTS

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4 RIBBED BELTS - K4 SERIES - 9/16" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
420K4	98-04 CHEVROLET (5.7L), 95-04 TOYOTA TRUCK (3.4L)	A	1067PK4
425K4	01-04 CHEVY (2.5L), 98-04 KIA (1.8L), 03-06 KIA (3.5L), 99-04 SUZUKI (2.5L)	B	1080PK4
430K4	01-07 SUZUKI (2.5L,2.7L), 04 PONTIAC (5.7L), 05-06 PONTIAC (6.0L)	B	1092PK4
435K4	SERPENTINE BELT	D	1105PK4
440K4	01-06 ACURA (3.5L), 00-05 DODGE (2.0L), 94-07 TOYOTA (2.7L)	C	1118PK4
445K4	SERPENTINE BELT	F	1130PK4
450K4	95-97 HONDA (2.7L), 88-90 TOYOTA TRUCK (2.4L)	F	1143PK4
460K4	99-02 MERCURY TRUCK (3.3L), 04-05 TOYOTA (1.5L), 99-02 NISSAN (3.3L)	C	1168PK4
465K4	89-98 MERCURY, NISSAN TRUCK (3.0L), 00-03 TOY (1.5L), 88-95 TOY (3.0L)	C	1181PK4
470K4	84-87 FORD TRUCK (5.8L), 84-85 MAZDA (1.5L)	D	1194PK4
490K4	85-86 CHEVROLET, PONTIAC (2.8L), 93 LAND ROVER (3.9L)	F	1245PK4
500K4	89-95 FORD (3.0L)	F	1270PK4
515K4	00-05 DODGE (2.0L), 00-01 PLYMOUTH (2.0L), 85-86 CHEVY, GMC (2.8L)	D	1308PK4
520K4	85-86 CHEVROLET TRUCK, GMC TRUCK (2.8L)	D	1321PK4
525K4	85-86 CHEVROLET, PONTIAC (2.8L)	C	1334PK4
535K4	SERPENTINE BELT	F	1359PK4
545K4	SERPENTINE BELT	F	1384PK4
560K4	01-05 CHRYSLER TRUCK (2.4L), 90-92 INFINITI (3.0L), 87-89 NISSAN (3.0L)	D	1422PK4
880K4	87-91 CHEVROLET, GMC TRUCK (4.3L,5.0L,5.7L)	F	2235PK4
940K4	87-91 CHEVROLET, GMC TRUCK (4.3L,5.0L,5.7L)	F	2388PK4

5 RIBBED BELTS - K5 SERIES - 45/64" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
200K5	88-94 BUICK, OLDSMOBILE, PONTIAC (2.3L), 90-94 CHEVROLET (2.3L)	F	508PK5
315K5	99-04 NISSAN TRUCK (3.3L), 85-87 TOYOTA (1.6L)	B	800PK5
325K5	95-98 ACURA (2.5L), 01-07 BMW (3.2L)	C	826PK5
336K5	93-97 MERCURY, NISSAN TRUCK (3.0L), 01-02 MERCURY, NISSAN (3.3L)	C	851PK5
340K5	01-05 BMW (2.5L,3.0L), 98-04 TOY TRUCK (2.4L,2.7L), 97-07 TOYOTA (2.7L)	B	864PK5
345K5	03-07 CHEVROLET, PONTIAC, SATURN (2.2L), 96-07 SUBARU (2.5L)	A	876PK5
350K5	00-06 SUBARU (2.5L), 95-02 BMW (3.0L)	B	889PK5
355K5	93-99 BMW (2.5L), 02-05 HYUNDAI, KIA (3.5L)	B	902PK5
360K5	00 BMW (2.5L), 85-91 TOYOTA (1.6L), 06 HYUNDAI (3.5L)	D	914PK5
365K5	96-99 ACURA (3.5L), 85-89 HONDA (2.0L)	C	927PK5
370K5	01-07 ACURA (3.5L), 01-06 CHRYSLER, DODGE (2.4L), 02-06 HONDA (1.0L)	C	940PK5
375K5	96-07 ACURA (3.5L), 06-07 CADILLAC (4.6L)	F	953PK5
380K5	89-97 GEO (1.6L), 84-97 TOYOTA (1.6L)	C	965PK5
385K5	00-03 BMW (5.0L), 93-97 JAGUAR (4.0L)	C	978PK5
390K5	90-01 TOYOTA (2.0L,2.2L), 93 MITSUBISHI (3.0L)	F	991PK5
395K5	96-02 BMW (4.4L), 03-07 LAND ROVER (4.4L), 93-02 MAZDA (2.5L)	C	1003PK5
400K5	02-06 CHEVY, PONTIAC (2.2L), 06-07 PONTIAC (2.4L), 02-07 SATURN (2.2L)	B	1016PK5
405K5	01-05 BMW TRUCK (4.4L), 93-03 MAZDA (2.0L), 02-05 PONTIAC (2.2L)	B	1029PK5
413K5	88-90 HONDA (2.0L), 85-88 PONTIAC (2.8L)	C	1049PK5
420K5	87-92 FORD, MERCURY (3.0L), 97-02 MITSUBISHI (1.5L)	C	1067PK5
425K5	92-96 HONDA (2.2L,2.3L), 01-02 MITSUBISHI (1.8L)	F	1080PK5
430K5	00-01 MITSUBISHI (2.4L), 01-05 DODGE (2.4L), 99-00 TOYOTA (2.0L)	F	1092PK5
435K5	91-05 ACURA (3.0L), 03-05 HYUNDAI (2.4L), 03-07 KIA (2.4L)	A	1105PK5
440K5	93-94 DODGE, EAGLE (1.8L), 00-04 HONDA (1.0L)	D	1118PK5
446K5	03-06 KIA TRUCK (3.5L), 01 MITS TRUCK (3.5L), 00-02 MITSUBISHI (3.0L)	B	1130PK5
450K5	90-96 CHEVY TRUCK (5.7L), 94-04 MITS TRUCK (3.5L)	D	1143PK5
455K5	90-94 BMW (5.0L), 99-00 MAZDA (1.8L), 90-94 CHEVY, GMC (5.7L)	F	1156PK5
460K5	93-97 FORD (2.0L), 93-03 MAZDA (2.0L)	C	1168PK5
470K5	98-02 MAZDA (2.0L), 88-91 OLDSMOBILE, PONTIAC (2.3L)	D	1194PK5
475K5	96-02 CHEVROLET, OLDSMOBILE, PONTIAC (2.4L)	C	1207PK5

5 RIBBED BELTS - K5 SERIES - 45/64" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
480K5	92-95 BUICK, OLDS (2.3L), 99-04 NISSAN TRUCK (3.3L)	B	1219PK5
490K5	90-98 HYUNDAI (3.0L), 04 NISSAN TRUCK (2.4L), 91-96 DODGE (3.0L)	C	1245PK5
500K5	84-86 BUICK, PONTIAC (1.8L), 89-91 PEUGEOT (1.9L)	F	1270PK5
505K5	04-07 CADILLAC (4.6L), 97-00 INFINITI (3.3L), 96-00 NISSAN TRUCK (3.3L)	D	1283PK5
510K5	98-02 MITSUBISHI (1.8L), 98-04 VOLKSWAGEN (1.8L), 86-92 TOYOTA (3.0L)	C	1295PK5
520K5	87-88 BUICK, OLDS (2.0L), 87-94 PONTIAC (2.0L)	C	1321PK5
530K5	93-95 MAZDA (1.3L), 89-94 MITSUBISHI TRUCK (3.0L)	F	1346PK5
540K5	99-04 MITS (2.4L), 00-05 DODGE (2.4L), 01-05 CHRYS (2.4L)	C	1372PK5
545K5	01-05 HYUNDAI TRUCK (2.4L), 01-07 KIA (2.4L)	C	1384PK5
582K5	95-00 CHRYSLER (2.5L), 95-00 DODGE (2.5L)	D	1478PK5
625K5	SERPENTINE BELT	F	1588PK5
630K5	98-02 CHEVROLET (2.2L), 01-02 PONTIAC (2.2L)	F	1600PK5
635K5	86-88 SAAB (2.0L), 93-01 SATURN (1.9L)	F	1613PK5
640K5	SERPENTINE BELT	F	1626PK5
645K5	93-02 SATURN (1.9L), 04 BUICK (3.1L)	F	1638PK5
650K5	99-03 CHEVY TRUCK (2.0L), 02-03 SUZUKI TRUCK (2.0L)	C	1651PK5
705K5	87-89 BUICK, CHEVY (2.0L), 90-95 CHEVY, PONTIAC (2.2L)	D	1791PK5
715K5	96-97 CHEVY, PONTIAC (2.2L), 88-90 CHRYSLER (3.0L)	F	1816PK5
745K5	91 SATURN (1.9L)	F	1892PK5
750K5	SERPENTINE BELT	D	1905PK5
755K5	91-02 SATURN (1.9L)	B	1918PK5
757K5	SERPENTINE BELT	F	1923PK5
775K5	SERPENTINE BELT	B	1969PK5
780K5	92-02 SATURN (1.9L)	B	1981PK5
817K5	92-94 CHEVROLET (2.2L)	F	2075PK5
825K5	87-89 BUICK, CHEVY (2.0L), 90 CHEVY, PONTIAC (2.2L)	D	2096PK5
835K5	91-97 CHEVROLET, PONTIAC (2.2L)	C	2121PK5
845K5	87-89 BUICK, CHEVY, OLDS (2.0L), 94-96 BUICK, OLDS (2.2L)	F	2146PK5
855K5	92-94 FORD, MERCURY (2.3L)	D	2172PK5
888K5	98-02 CHEVROLET, PONTIAC (2.2L)	B	2256PK5

6 RIBBED BELTS - K6 SERIES - 27/32" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
325K6	87-93 FORD (2.3L), 91-96 TOYOTA TRUCK (2.4L), 06 NISSAN (1.8L)	F	826PK6
350K6	89-90 FORD (1.9L), 93-95 PORSCHE (5.4L)	F	889PK6
355K6	01-06 VOLKSWAGEN (1.9L)	D	902PK6
360K6	87-90 FORD (2.3L)	D	914PK6
370K6	01-02 DODGE (2.4L), 94-97 HONDA (2.2L), 84-91 FORD, MERCURY (2.3L)	D	940PK6
380K6	90-93 GEO, ISUZU (1.6L), 90-96 INFINITI (4.5L)	F	965PK6
385K6	99-02 VOLKSWAGEN (2.0L)	F	978PK6
390K6	01-05 HONDA (1.7L), 94-99 VOLKSWAGEN (2.0L)	B	991PK6
400K6	88-90 FORD (1.9L), 83-91 FORD TRUCK (2.3L)	D	1016PK6
405K6	95-02 INFINITI, NISSAN (2.0L), 02-06 MINI (1.6L)	C	1029PK6
410K6	96-05 DODGE TRUCK (2.4L), 94-06 TOYOTA (3.0L), 04-07 TOYOTA (3.3L)	A	1041PK6
415K6	95-97 FORD, MAZDA TRK (2.3L), 92-00 LEXUS (3.0L)	C	1054PK6
420K6	98-04 CHRYSLER, DODGE (2.7L), 03-05 NISSAN (3.5L)	A	1067PK6
425K6	88-94 BMW (5.0L), 02-07 NISSAN (3.5L)	B	1080PK6
430K6	96-00 INFINITI (3.0L), 95-99 NISSAN (3.0L)	B	1092PK6
433K6	02-04 INFINITI, NISSAN (3.5L), 88-91 FORD, MERCURY (2.3L)	B	1100PK6
436K6	98-02 HONDA (2.3L), 00-06 NISSAN (1.8L)	A	1107PK6
441K6	02-07 VW (2.0L), 06 VW (1.8L), 04-05 VW (1.9L)	C	1120PK6
445K6	86-94 FORD TRUCK (3.0L), 95-99 NISSAN (1.6L)	C	1130PK6
450K6	95-97 TOYOTA TRUCK (2.4L), 93-99 VOLKSWAGEN (1.9L)	D	1143PK6

SERPENTINE BELTS

FOR ORDERS OR QUESTIONS - TOLL FREE

PH: 1-800-872-2333 FAX: 1-800-569-6412

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6 RIBBED BELTS - K6 SERIES - 27/32" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
455K6	91-99 MITSUBISHI (3.0L), 93-02 VOLKSWAGEN (2.0L)	C	1156PK6
465K6	99-04 ACURA (3.2L), 01-07 INFINITI, NISSAN (3.5L), 05-07 CADILLAC (3.6L)	A	1181PK6
470K6	99-04 HONDA (3.5L), 03-06 HYUN (3.5L), 04-07 MITS (3.8L), 06-07 VW (2.0L)	B	1194PK6
475K6	91-94 FORD, MERCURY (1.9L), 97-00 MITSUBISHI (3.5L), 04-05 MITS (3.8L)	B	1207PK6
480K6	99-00 MITSUBISHI (3.0L,3.5L), 03-05 KIA (3.5L)	C	1219PK6
485K6	03-05 CHRYSLER, DODGE (2.4L), 02 HYUNDAI, KIA TRUCK (3.5L)	D	1232PK6
490K6	91-94 FORD, MERCURY (1.9L), 80-91 FORD (5.0L), 04-05 CHRYSLER (2.4L)	F	1245PK6
495K6	02-06 CHRYSLER TRUCK (2.4L), 02-07 DODGE TRUCK (2.4L)	C	1257PK6
500K6	79-91 FORD, MERCURY (5.0L,5.8L), 80-90 LINCOLN (5.0L), 04 FORD (2.0L)	D	1270PK6
505K6	97-02 FORD (2.0L), 97-99 MERCURY (2.0L)	B	1283PK6
510K6	90-95 NISSAN (2.4L)	C	1295PK6
520K6	04-05 MAZDA (2.3L)	F	1321PK6
525K6	01-02 CHRYSLER, DODGE (2.4L), 93-01 NISSAN (2.4L)	B	1334PK6
530K6	93-04 DODGE (3.5L), 97-04 FORD (2.0L)	B	1346PK6
538K6	96-00 CHRYS, DODGE (2.4L), 96-00 PLYMOUTH (2.4L), 02 MERC-BENZ (2.3L)	B	1367PK6
548K6	96-98 CHRYSLER (2.4L), 04 CHRYSLER (3.5L), 05-06 MINI (1.6L)	D	1392PK6
560K6	95-00 CHRYS (2.5L), 96-01 DODGE TRUCK (2.4L), 04-07 CHRYS, DODGE (2.7L)	B	1422PK6
590K6	85-86 FORD TRUCK (2.3L), 80-81 LINCOLN (5.0L)	F	1499PK6
595K6	87-89 BUICK, CHEVROLET (2.8L), 88-90 PONTIAC (3.1L)	F	1511PK6
600K6	91-95 BUICK, OLDSMOBILE, PONTIAC (3.8L)	C	1524PK6
605K6	00-06 BMW (2.5L), 01-07 BMW (3.0L), 98-05 TOYOTA (1.8L)	B	1537PK6
610K6	04-06 BMW (4.4L), 98-02 CHEVROLET (1.8L)	C	1549PK6
615K6	95-05 BMW (3.0L), 02-54 LAND ROVER TRK (2.5L)	C	1562PK6
620K6	98-01 DODGE (2.7L), 95-01 FORD, MERCURY (2.5L), 05-06 AUDI (1.8L)	D	1575PK6
625K6	01-02 MERCURY (2.5L), 05 SUBARU (3.0L)	F	1588PK6
630K6	00-03 CHRYSLER (2.7L)	C	1600PK6
640K6	98-02 CHEVROLET, GMC TRUCK (2.2L), 93-97 CHEVY, PONTIAC (5.7L)	C	1626PK6
642K6	01-04 SUBARU (3.0L), 94-96 CADILLAC (5.7L)	D	1631PK6
650K6	99-01 SUZUKI TRUCK (2.0L), 98-06 VOLKSWAGEN (1.9L)	C	1651PK6
660K6	87-88 PONTIAC (2.5L), 97-01 PONTIAC (3.8L), 04-07 FORD (6.0L)	C	1676PK6
663K6	97-04 BUICK (3.8L), 04-05 CHEVROLET (3.8L), 02-05 TOYOTA (1.8L)	D	1684PK6
670K6	03-05 HYUNDAI (2.7L), 02-03 LEXUS (3.0L), 04-07 PONTIAC (3.8L)	C	1702PK6
675K6	88-92 FORD, MERCURY (3.0L), 88-97 FORD TRK (7.5L), 04-07 PONTIAC (3.8L)	D	1715PK6
685K6	94-98 BUICK, OLDSMOBILE, PONTIAC (3.1L)	C	1740PK6
690K6	98-01 FORD, MAZDA TRK (2.5L), 00-01 MERCEDES (2.3L), 06 GMC (2.8L,3.5L)	C	1753PK6
695K6	94-98 BUICK (3.1L), 88-98 PONTIAC (3.1L)	A	1765PK6
705K6	96-05 CHEVROLET (3.4L), 02-06 MITSUBISHI (2.0L), 91-03 PONTIAC (3.1L)	A	1791PK6
710K6	89-95 BUICK, CHEVROLET, OLDSMOBILE (3.1L), 99-02 SAAB (2.0L)	B	1803PK6
715K6	95-99 FORD (2.5L), 95-00 MERCURY (2.5L)	B	1816PK6
721K6	96-05 BUICK (3.8L), 98-03 PONTIAC (3.8L), 03-07 VOLVO (2.5L)	C	1829PK6
730K6	00-05 AUDI (2.7L), 01-07 FORD, MAZDA (2.3L)	B	1854PK6
735K6	93-98 AUDI (6 Cyl - 2.8L), 02-04 MERC-BENZ (2.3L), 04-07 PORSCHE (3.6L)	B	1867PK6
740K6	03-07 TOY (1.8L), 98-05 VW (2.8L), 04-07 CHEVY (1.6L), 04-06 MITS (2.4L)	A	1880PK6
745K6	98-03 CHEVY, GMC TRUCK (2.2L), 05-07 MITS (2.4L), 04-07 SUZUKI (2.0L)	AA	1892PK6
750K6	00-06 JEEP TRUCK (4.0L), 99-01 LINCOLN (4.6L)	A	1905PK6
755K6	00 FORD (3.0L), 95-02 LINCOLN (4.6L)	B	1918PK6
760K6	92-06 LEXUS (3.0L), 00-07 PORSCHE (2.7L,3.2L,3.6L), 00-05 TOYOTA (1.8L)	A	1930PK6
770K6	02-05 INFINITI (4.5L), 93-95 CHEVROLET, PONTIAC (3.4L)	C	1956PK6
775K6	01-04 FORD, MAZDA TRUCK (2.0L), 05 PONTIAC (6.0L), 97-02 JEEP (2.5L)	D	1969PK6
780K6	03-04 CADILLAC (3.2L), 85-93 MERC-BENZ (2.3L), 00 SAAB (2.3L)	D	1981PK6
785K6	04 PONTIAC (5.7L), 06 PONTIAC (6.0L), 04-05 SATURN TRUCK (3.5L)	D	1994PK6
790K6	01-07 HYUNDAI (2.7L), 02-07 KIA (2.7L)	B	2007PK6
795K6	02-04 FORD TRUCK (4.6L,5.4L), 01-05 SATURN (3.0L), 05 CHEVROLET (6.0L)	F	2019PK6

6 RIBBED BELTS - K6 SERIES - 27/32" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
805K6	02-07 FORD TRUCK (4.6L,5.4L,6.8L), 03 FORD TRUCK (7.3L)	B	2045PK6
810K6	99-00 FORD TRUCK (4.0L), 98-00 MAZDA (4.0L), 87-93 CHEVY, GMC (2.5L)	C	2057PK6
815K6	98-05 CAD (4.6L), 93-07 FORD (3.0L), 06-07 DODGE (6.1L), 05-07 NISS (2.5L)	B	2070PK6
820K6	95-04 FORD TRUCK (3.0L), 01-06 MAZDA TRUCK (3.0L), 05-07 JEEP (5.7L)	B	2083PK6
825K6	01-07 CHRYS, DDGE (3.3L,3.8L), 03-07 MAZ (3.0L), 06-07 FORD, MAZ (2.3L)	B	2096PK6
835K6	00-04 FRD (2.0L), 01-05 PRSCHE (2.7L,3.2L), 05-07 ACRA (3.2L), DDGE (2.7L)	B	2121PK6
845K6	85-93 FORD (5.0L), 86-97 MERCEDES-BENZ (3.0L), 06 JEEP (2.4L)	B	2146PK6
850K6	93-05 FORD, MERCURY (3.0L), 02-05 JEEP TRUCK (2.4L)	A	2159PK6
854K6	96-07 FORD TRUCK (3.0L), 02-07 FORD TRUCK (4.0L)	B	2172PK6
860K6	99-02 FORD TRUCK (3.0L), 02-05 MAZDA TRUCK (3.0L), 05 FORD (2.3L)	B	2184PK6
865K6	02-05 BUICK TRK (3.4L), 03-05 CHEVY, GMC TRK (4.3L), 01-05 MAZDA (4.0L)	A	2197PK6
870K6	96-07 CHEVY, GMC TRUCK (4.3L), 90-05 FORD TRUCK (4.0L), PONTIAC (3.4L)	A	2210PK6
875K6	96-07 CHEVY, GMC TRK (4.3L), 99-05 PONT TRK (3.4L), 94-07 FRD TRK (4.0L)	AA	2223PK6
880K6	02-05 DODGE TRUCK (4.7L), 99-06 JEEP (4.0L), 03-07 TOYOTA (4.7L)	A	2235PK6
882K6	SERPENTINE BELT	AA	2240PK6
885K6	01-05 LEXUS (4.3L), 98-05 LEXUS TRUCK (4.7L), 00-05 MAZDA (3.0L)	A	2248PK6
895K6	03-07 FORD (2.3L), 05-07 MAZDA (2.3L)	A	2273PK6
900K6	98-04 ISUZU (3.2L,3.5L), 01-07 PORSCHE (3.6L), 05-06 BUICK, CHEVY (3.5L)	A	2286PK6
905K6	03-07 CHEVROLET, GMC, ISUZU, OLDSMOBILE TRUCK (4.2L)	A	2299PK6
910K6	03-07 FORD (4.6L), 03-07 JAGUAR (4.2L), 06-07 MAZDA (2.3L)	B	2311PK6
915K6	04-07 BUICK (4.2L), 02-07 GMC TRUCK (4.2L), 87-06 CHEVROLET (2.8L)	AA	2324PK6
919K6	05-07 CHEVROLET (3.4L), 02-06 JEEP TRUCK (2.4L)	C	2334PK6
923K6	99-07 CHEVROLET, GMC TRUCK (2.8L,4.8L,5.3L,6.0L), 04-07 MERCURY (4.6L)	AA	2344PK6
930K6	03-07 HUMMR (6.0L), 01-07 CHVY, GMC (4.8L,5.3L,6.0L), 04-07 BUICK (3.6L)	AA	2362PK6
935K6	04-06 CHRYSLER (3.5L), 00-07 FORD (4.6L), 07 GMC (5.3L,6.2L)	A	2375PK6
940K6	05-06 CHEVROLET (6.0L), 98-06 MERCEDES (4.3L,5.0L)	A	2388PK6
945K6	04-05 CHRYSLER (3.2L), 95-02 CHEVROLET, PONTIAC (3.8L)	A	2400PK6
950K6	05-07 AUDI (3.2L), 96-07 CHEVY, GMC (4.3L), 01-06 CHEVY, GMC (8.1L)	AA	2413PK6
955K6	88-05 CHEVY, GMC TRK (4.3L), 01-05 CHEVY, GMC TRK (8.1L)	AA	2426PK6
960K6	96-07 CHEVY, GMC TRUCK (4.3L), 04-07 FORD (3.9L,4.2L), MERCURY (4.2L)	AA	2438PK6
968K6	97-07 FORD TRUCK (4.2L), 90-00 CHEVY, GMC TRK (5.7L)	AA	2459PK6
970K6	01-03 FORD TRUCK (4.2L), 02-07 JAGUAR (3.0L), 03-07 MERC-BENZ (5.5L)	A	2464PK6
975K6	96-01 FORD (4.6L), 96-99 LINCOLN, MERCURY (4.6L), 06-07 HYUNDAI (3.8L)	A	2477PK6
980K6	06-07 FORD (6.8L), 06-07 MAZDA (3.0L)	A	2489PK6
985K6	96-02 CHRYSLER, DODGE TRK (3.8L), 02 FORD TRK (5.4L), 06-07 FORD (3.0L)	B	2502PK6
990K6	02-07 FORD TRUCK (4.6L,5.4L)	AA	2515PK6
995K6	99-04 FORD (3.8L), 92-00 CHEVROLET, GMC TRUCK (7.4L)	B	2527PK6
1000K6	04-07 FORD TRUCK (5.4L), 02-07 FORD TRUCK (6.8L), 03-04 LINCOLN (4.6L)	B	2540PK6
1005K6	02-05 FORD, MERCURY TRUCK (4.6L), 07 DODGE (1.8L,2.2L,2.4L)	B	2553PK6
1010K6	04-07 FORD, MERCURY TRUCK (4.6L), 92-02 CHEVROLET, DODGE (6.5L)	A	2565PK6
1020K6	06-07 HYUNDAI (2.4L), 06-07 LINCOLN (5.4L), 94-02 MERCEDES-BENZ (6.0L)	A	2591PK6
1025K6	97-07 FORD TRUCK (4.2L,4.6L), 01-02 CHEVROLET, GMC (8.1L)	A	2604PK6
1030K6	97-05 FORD TRUCK (4.2L), 1994-05 SAAB (2.3L)	B	2616PK6
1038K6	88-89 CHEVY, GMC TRUCK (7.4L), 95-98 SAAB (2.0L,2.3L)	F	2637PK6
1045K6	00-04 AUDI (4.2L), 94-95 FORD (5.0L)	D	2654PK6
1055K6	97-04 AUDI (4.2L), 02-03 FORD (3.9L)	C	2680PK6
1065K6	95-97 FORD TRUCK (3.0L), 88 FORD, LINCOLN, MERCURY (3.8L)	C	2705PK6
1075K6	96-00 CHEVROLET, GMC TRUCK (7.4L), 92-93 BUICK, OLDSMOBILE (3.3L)	D	2731PK6
1080K6	96-00 CHEVROLET, GMC TRUCK (7.4L), 01-02 LINCOLN (3.0L)	B	2743PK6
1105K6	92-93 FORD TRUCK (7.3L), 92 BUICK, OLDSMOBILE, PONTIAC (3.3L)	F	2807PK6
1110K6	93 BUICK, OLDSMOBILE, PONTIAC (3.3L), 92-93 FORD (7.3L)	F	2819PK6
1115K6	01 CHEVROLET, GMC TRUCK (6.6L), 89-91 BUICK, OLDSMOBILE (3.3L)	C	2832PK6
1120K6	01 GMC (6.6L)	D	2845PK6

SERPENTINE BELTS

FOR ORDERS OR QUESTIONS - TOLL FREE

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6 RIBBED BELTS - K6 SERIES - 27/32" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
1130K6	85-86 BUICK, OLDSMOBILE, PONTIAC (3.0L), 05-06 JEEP (2.8L)	D	2870PK6
1177K6	02-05 CHEVROLET, GMC TRUCK (6.6L)	D	2990PK6
1187K6	02-05 CHEVROLET, GMC TRUCK (6.6L)	D	3015PK6

7 RIBBED BELTS - K7 SERIES - 1" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
362K7	SERPENTINE BELT	F	919PK7
425K7	91-93 ALFA ROMEO (3.0L), 89-95 FORD (3.8L), 90 MERCURY (3.8L)	F	1080PK7
505K7	91-96 INFINITI (4.5L)	F	1283PK7
640K7	96-05 BMW (4.4L), 00-03 BMW (5.0L), 03 BMW (4.6L)	F	1626PK7
760K7	05 SCION (2.4L), 01-05 TOYOTA (2.4L), 01-03 TOYOTA (2.0L)	A	1930PK7
765K7	SERPENTINE BELT	A	1943PK7
775K7	92-99 DODGE (8.0L), 92-96 DODGE (3.9L,5.2L)	D	1969PK7
855K7	91-92 LINCOLN (4.6L), 92 FORD, MERCURY (4.6L)	D	2172PK7
885K7	92-03 DODGE TRK (3.9L), 93-03 DODGE TRK (5.9L), 92-01 DODGE TRK (5.2L)	C	2248PK7
890K7	SERPENTINE BELT	C	2261PK7
895K7	95-98 JEEP TRUCK (5.2L), 98 JEEP TRUCK (5.9L)	C	2273PK7
900K7	93-94 JEEP TRUCK (5.2L), 05 TOYOTA (2.7L)	C	2286PK7
905K7	92-03 DODGE TRUCK (3.9L,5.2L), 93-03 DODGE TRUCK (5.9L)	D	2299PK7
923K7	98-03 JAGUAR (4.0L), 96-02 LANDROVER (4.0L), 03-06 MERC-BENZ (5.5L)	D	2344PK7
950K7	01-02 MITSUBISHI TRUCK (3.5L), 03-05 MITSUBISHI TRUCK (3.8L)	C	2413PK7
955K7	92-03 DODGE TRUCK (3.9L,5.2L), 93-03 (5.9L), 03-05 (1.8L)	C	2426PK7
973K7	92-03 DODGE (3.9L), 93-03 DODGE (5.9L), 04-07 INFINITI, NISSAN (5.6L)	A	2471PK7
976K7	95-96 DODGE (5.2L), 94-96 DODGE (5.9L)	A	2479PK7
1000K7	97-03 DODGE TRUCK (3.9L,5.2L,5.9L)	D	2540PK7
1005K7	92-02 DODGE TRUCK (5.2L), 04-07 DODGE (5.7L), 04-05 VOLKSWAGEN (4.2L)	B	2553PK7
1133K7	94-01 DODGE TRUCK (8.0L), 97-01 DODGE TRUCK (5.9L)	D	2880PK7
1195K7	94 FORD TRUCK (7.3L)	F	3033PK7

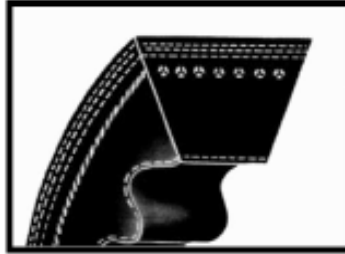
8 RIBBED BELTS - K8 SERIES - 1 1/8" WIDE

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
393K8	89-95 FORD (3.8L), 89-90 MERCURY (3.8L)	D	998PK8
645K8	02-05 BMW (4.4L), 95-02 MAZDA (2.3L)	F	1638PK8
653K8	94-02 DODGE TRUCK (5.9L)	F	1659PK8
810K8	94-02 DODGE (5.9L), 99 FORD (4.6L), 97-01 FORD (5.4L), 97-98 FORD (6.8L)	B	2057PK8
825K8	SERPENTINE BELT	F	2096PK8
830K8	91-93 DODGE TRUCK (5.9L)	D	2108PK8
895K8	SERPENTINE BELT	F	2273PK8
900K8	90-95 FORD (3.8L), 90 MERCURY (3.8L)	F	2286PK8
950K8	TOYOTA TUNDRA (5.7L)	F	2413PK8
981K8	98-05 LINCOLN TRUCK (5.4L), 97-02 FORD TRUCK (5.4L)	B	2489PK8
990K8	97-05 FORD TRUCK (6.8L), 98-05 LINCOLN TRUCK (5.4L)	A	2515PK8
1000K8	99-01 FORD TRUCK (6.8L), 99-05 FORD TRUCK (5.4L)	D	2540PK8
1179K8	SERPENTINE BELT	F	2995PK8
1189K8	95-02 FORD TRUCK (7.3L)	D	3020PK8
1196K8	95-02 FORD TRUCK (7.3L)	D	3038PK8
1223K8	99-03 FORD TRUCK (7.3L)	D	3106PK8

DUAL RIBBED BELTS - ALL SERIES

IFA PART#	GENERAL DESCRIPTION	POP CODE	METRIC#
D470K6	00-04 AUDI (1.8L), 99-04 VOLKSWAGEN (1.8L,2.0L)	C	1194PK6D
D725K6	06-07 PONTIAC (1.8L), 99-07 VOLVO (2.4L), 03-07 VOLVO (2,5L)	C	1842PK6D
D535K7	92-05 VOLKSWAGEN (2.8L)	D	1359PK7D

- * Top Cord design is made of tough, low stretch, high strength polyester cables which provide cooler, smoother, and quieter operation and longer life
- * Bottom cog resists oil and heat with excellent flexibility

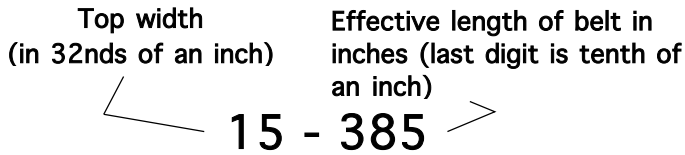


* Meets OEM specifications

- * 3-ply laminated fabric resists cracking and flexing, while providing increased support
- * Compression rubber is specially compounded with fibers that keep stability of the normal cross section of the belt on the pulleys



FAN BELT NUMBERING SYSTEM



Using this example, this belt (15385) is a fan belt measuring 38 and 5/10 inches with a top width of 15/32 inches



FAN BELT PART #'S

International Filters carries a broad range of fan belts with top widths of 15/32nds of an inch and 17/32nds of an inch (Gates series 7 and series 9 respectively)

ALL AT THE SAME LOW COST

Fan belt part #'s range from 15240 through 15660 (Gates 7240 through 7660) and 17245 through 17840 (Gates 9245 through 9840)

Part #'s are in increments of 5/10 of an inch (ie: 15385, 15390, 15395 etc.) with a few part #'s in-between (ie: 15343, 15388 etc.)

CALL 1-800-872-2333 FOR A COMPLETE LISTING OF ALL AVAILABLE FAN BELTS

TOP 5 FAN BELTS (15 SERIES)

IFA PART#	GENERAL DESCRIPTION	GATES#
15355	76-87 CHEVY, GMC, 63-84 FRD	7355
15295	93-02 VW, 76-84 FORD	7295
15350	76-95 CHEVY, GMC, 83-93 FRD	7350
15465	70-86 CHEVY, 75-87 GMC	7465
15345	66-85 CHEVY, GMC, 75-95 TOY	7345

TOP 5 FAN BELTS (17 SERIES)

IFA PART#	GENERAL DESCRIPTION	GATES#
17265	84-91 DDGE, EGLE, 83-94 MITS	9265
17365	72-93 MAZDA, 83-98 MITS	9365
17355	91-96 FORD, MERCURY	9355
17360	78-92 AUDI, 80-96 NISSAN	9360
17350	81-97 ISUZU, 72-00 NISSAN	9350

BELT TOOLS - PAGE 190-191



DRAIN PLUGS

FOR ORDERS OR QUESTIONS - TOLL FREE

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10MM AND 12MM DRAIN PLUGS

<p>DP10FORD</p>	<p>DP12B</p>	<p>DP12FORD</p>	<p>DP12FR</p>
			
<p>10MM X 1.50 FORD PREMIUM (13MM HEAD) RUBBER MOLDED GASKET</p>	<p>12MM X 1.50 BMW STANDARD HOLLOW POINT</p>	<p>12MM X 1.75 FORD PREMIUM RUBBER MOLDED GASKET</p>	<p>12MM X 1.75 FORD PREMIUM RUBBER MOLDED GASKET</p>
<p>DP12GM</p>	<p>DP12GMM</p>	<p>DP12GMR</p>	<p>DP12M</p>
			
<p>12MM X 1.75 GM PREMIUM</p>	<p>12MM X 1.75 GM PREMIUM MAGNETIC INSET NEOPRENE GASKET</p>	<p>12MM X 1.75 GM PREMIUM INSET NEOPRENE GASKET</p>	<p>12MM X 1.50 MERCEDES STANDARD</p>
<p>DP12NT</p>	<p>DP12NTOS</p>	<p>DP12OS</p>	<p>DP12PB</p>
	 <p>GASKET INCLUDED</p>		 <p>GASKET INCLUDED</p>
<p>12MM X 1.25 NISS, TOY PREMIUM</p>	<p>12MM X 1.25 NISS, TOY STANDARD SINGLE OVERSIZE</p>	<p>12MM X 1.75 STANDARD SINGLE OVERSIZE</p>	<p>12MM X 1.75 STANDARD PIGGY BACK SINGLE OVERSIZE</p>
<p>DP12SR</p>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div data-bbox="462 1394 643 1577" style="font-size: 2em; color: blue; text-shadow: 2px 2px 0px blue;">TOOLS</div> <div data-bbox="683 1419 1289 1503" style="text-align: center;">  </div> <div data-bbox="1321 1373 1503 1556" style="font-size: 2em; color: blue; text-shadow: 2px 2px 0px blue;">PAGE 194</div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;">   </div>		
 <p>12MM X 1.75 SATURN PREMIUM INSET NEOPRENE GASKET</p>			





IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD	IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD
DP10FORD	80-30	11682	EACH	DP12NT	78-38	19525	25
DP12B	78-94	19520	EACH	DP12NTOS	78-28K	19533	EACH
DP12FORD	80-24	11680	EACH	DP12OS	78-71	11537	EACH
DP12FR	78-64	11579	25	DP12PB	78-81K	11598	EACH
DP12GM	78-25	11520	25	DP12SR	78-60	11577	25
DP12GMM	80-05	11588	EACH				
DP12GMR	78-68, 78-69	11580, 11581	25				
DP12M	78-45	19517	25				

1/2" (13MM) DRAIN PLUGS

<p>DP1/2</p>  <p>1/2" PREMIUM</p>	<p>DP1/2CR</p>  <p>1/2" CHRYSLER PREMIUM RUBBER MOLDED GASKET</p>	<p>DP1/2DOS</p>  <p>1/2" STANDARD DOUBLE OVERSIZE</p>	<p>DP1/2DPB</p>  <p>GASKET INCLUDED</p> <p>1/2" STANDARD PIGGY BACK DOUBLE OVERSIZE</p>
<p>DP1/2OS</p>  <p>1/2" STANDARD SINGLE OVERSIZE</p>	<p>DP1/2PRH</p>  <p>1/2" PREMIUM WITH 7/8" HEX HEAD</p>	<p>DP1/2R</p>  <p>1/2" RUBBER PLUG WITH INSERT TOOL</p>	<p>DP1/2SPB</p>  <p>GASKET INCLUDED</p> <p>1/2" STANDARD PIGGY BACK SINGLE OVERSIZE</p>
<p>DP1/2STH</p>  <p>1/2" STANDARD WITH 3/4" HEX HEAD</p>	<p>DP1/2TOS</p>  <p>1/2" STANDARD TRIPLE OVERSIZE</p>	<p>DRAIN PLUG AND GASKET ASSORTMENT KITS</p>  <p>IFA</p> <p>PAGE 103</p>	

IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD	IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD
DP1/2	78-15	11525	25	DP1/2PRH	78-17	11527	25
DP1/2CR	78-62	11590	25	DP1/2R	N/A	N/A	EACH
DP1/2DOS	77-27	11517	EACH	DP1/2SPB	78-26	11510	EACH
DP1/2DPB	78-27	11511	EACH	DP1/2STH	77-16	11515	25
DP1/2OS	77-26X	11516	EACH	DP1/2TOS	77-28	11518	EACH

14MM DRAIN PLUGS

<p>DP14</p>  <p>14MM X 1.50 FORD STANDARD</p>	<p>DP147802</p>  <p>14MM X 1.50 FORD PREMIUM</p>	<p>DP14CC</p>  <p>GASKET INCLUDED</p> <p>14MM X 1.50 CADILLAC STANDARD FOR CADILLAC CATERA</p>	<p>DP14CR</p>  <p>14MM X 1.50 CHRYSLER PREMIUM RUBBER MOLDED GASKET</p>
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DRAIN PLUGS

FOR ORDERS OR QUESTIONS - TOLL FREE

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14MM DRAIN PLUGS

<p>DP14DJ</p> 	<p>DP14F150</p> 	<p>DP14FM</p> 	<p>DP14FR40</p> 
<p>14MM X 1.50 PREMIUM (4.8MM HEAD) INSET NEOPRENE GASKET</p>	<p>14MM X 1.50 FORD F150 PREMIUM INSET NEOPRENE GASKET</p>	<p>14MM X 1.25 FORD T.D. PREMIUM MAGNETIC FOR POWERSTROKE DIESEL</p>	<p>14MM X 1.50 FORD PREMIUM INSET NEOPRENE GASKET</p>
<p>DP14FR48</p> 	<p>DP14H</p> 	<p>DP14J</p> 	<p>DP14LH</p> 
<p>14MM WITH 4.8MM HEAD PREMIUM RUBBER MOLDED GASKET</p>	<p>14MM X 1.50 HONDA STANDARD</p>	<p>14MM X 1.25 JEEP PREMIUM</p>	<p>14MM X 1.50 HONDA STANDARD LATE MODEL LONG THREAD</p>
<p>DP14M</p> 	<p>DP14MITS</p> 	<p>DP14OS</p> 	<p>DP14PB</p>  <p>GASKET INCLUDED</p>
<p>14MM X 1.50 MERCEDES STANDARD</p>	<p>14MM X 1.50 MITSUBISHI PREMIUM RUBBER MOLDED GASKET</p>	<p>14MM X 1.50 STANDARD SINGLE OVERSIZE</p>	<p>14MM X 1.50 STANDARD PIGGY BACK SINGLE OVERSIZE</p>
<p>DP14ST</p> 	<p>DP14VW</p> 	<p>DP14VWL</p>  <p>GASKET ATTACHED</p>	<p>11587</p> 
<p>14MM X 1.25 STANDARD</p>	<p>14MM X 1.50 VW STANDARD</p>	<p>14MM X 1.50 VW STANDARD LONG THREAD</p>	<p>14MM X 1.50 FORD PREMIUM (SILVER) INSET NEOPRENE GASKET</p>

IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD	IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD
DP147802	78-02	11521	25	DP14J	78-55	11529	25
DP14	78-01	11589	25	DP14LH	80-22	11673	25
DP14CC	80-08K	11544	EACH	DP14M	78-53	19536	25
DP14CR	78-66	11591	25	DP14MITS	N/A	11611	25
DP14DJ	80-26	11684	EACH	DP14OS	78-70	11538	EACH
DP14F150	80-07	11593	EACH	DP14PB	78-80	11539	EACH
DP14FM	78-05M	11584	EACH	DP14ST	78-05	11671	25
DP14FR40	80-06	11587	EACH	DP14VW	78-48	N/A	EACH
DP14FR48	80-04	N/A	EACH	DP14VWL	80-27	19544	EACH
DP14H	78-46	11528	25	11587	N/A	11587	EACH

16MM THROUGH 25MM DRAIN PLUGS

<p>DP16</p>  <p>16MM X 1.50 STANDARD</p>	<p>DP164</p>  <p>16.4MM X 1.33 STANDARD</p>	<p>DP18</p>  <p>18MM X 1.50 STANDARD</p>	<p>DP18DD</p>  <p>18MM X 1.50 DODGE STANDARD DIESEL RUBBER MOLDED GASKET</p>
<p>DP18LT</p>  <p>18MM X 1.50 PREMIUM LONG THREAD</p>	<p>DP18MAG</p>  <p>GASKET INCLUDED</p> <p>18MM X 1.50 STANDARD MAGNETIC</p>	<p>DP19V</p>  <p>19MM X 1.60 VOLVO STANDARD</p>	<p>DP3/4OS</p>  <p>GASKET INCLUDED</p> <p>3/4" (19MM) STANDARD SINGLE OVERSIZE</p>
<p>DP20</p>  <p>20MM X 1.50 STANDARD</p>	<p>DP22</p>  <p>22MM X 1.50 STANDARD</p>	<p>DP22DD</p>  <p>22MM X 1.50 DODGE STANDARD FOR CUMMINS DIESEL</p>	<p>DP7/8OS</p>  <p>GASKET INCLUDED</p> <p>7/8" (22MM) STANDARD SINGLE OVERSIZE</p>
<p>DP25</p>  <p>25MM X 1.50 STANDARD</p>	<p>DP26</p>  <p>26MM X 1.50 STANDARD</p>	<p>VOLKSWAGEN GASKET KIT</p>  <p>IFA PART # VVKIT</p> <p>* For use on Volkswagen vehicles from 1959-1982 that have an air cooled engine (Change every oil change to prevent leaking)</p>	

IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD	IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD
DP16	77-39X	19511	EACH	DP20	77-40	19513	EACH
DP164	77-39	19537	EACH	DP22	77-44	19531	EACH
DP18	77-42	19512	EACH	DP22DD	80-03	11585	EACH
DP18DD	80-23	19540	EACH	DP7/8OS	77-32	N/A	EACH
DP18LT	N/A	19527	EACH	DP25	77-41	19514	EACH
DP18MAG	78-42M	11582	EACH	DP26	78-93	19518	EACH
DP19V	78-54	19532	EACH				
DP3/4OS	77-31	N/A	EACH				

DRAIN PLUGS

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DIFFERENTIAL PLUGS - FEMALE ALLEN

IFA PART#	DESCRIPTION	INDUSTRY#	SERVICE 1	QTY SOLD
DF3/8FA	3/8" THREAD SIZE	79-15	11504	EACH
DF1/2FA	1/2" THREAD SIZE	79-21	11505	EACH
DF18FA	18MM X 1.50 TOYOTA CARS	82-25S	11499	EACH
DF24FA	24MM X 1.50 TOYOTA TRUCKS	82-28S	11543	EACH



DIFFERENTIAL PLUGS - FEMALE SQUARE

IFA PART#	DESCRIPTION	INDUSTRY#	SERVICE 1	QTY SOLD
DF3/8FS	3/8" THREAD, 5/16" DRIVE	73-48	11120	EACH
DF1/2FS	1/2" THREAD, 3/8" DRIVE	73-12	11121	EACH
DF3/4FS	3/4" THREAD, 1/2" DRIVE	73-14	11122	EACH



DIFFERENTIAL PLUGS - MALE SQUARE

IFA PART#	DESCRIPTION	INDUSTRY#	SERVICE 1	QTY SOLD
DF1/2MS	1/2" THREAD, 9/16" WRENCH	73-10	11502	EACH
DF3/4MS	3/4" THREAD, 5/8" WRENCH	73-34	11503	EACH



ADDITIONAL DIFFERENTIAL PLUGS

DF20GMC

GASKET INCLUDED

20MM GMC
83-01 4WD
FRONT DIFFERENTIAL

DFRC

CHRYSLER
RUBBER PLUG

SURE-SEAL™ DRAIN PLUGS

DP14SS

GASKET INCLUDED

14MM

SOLVES OVER-TIGHTENING ON HONDA, FORD OIL PANS
UNIQUE O-RING PLUG PROVIDES A STRONG SEAL

DP14SSOS

GASKET INCLUDED

14MM OVERSIZE

SOLVES OVER-TIGHTENING ON HONDA, FORD OIL PANS
UNIQUE O-RING PLUG PROVIDES A STRONG SEAL

IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD
DF20GMC	74-44	12502	EACH
DFRC	73-87	16500	EACH

IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD
DP14SS	74-98	18101	EACH
DP14SSOS	74-99	18102	EACH

UNIVERSAL DRAIN PLUG



* Unique toggle bolt style drain plug is ideal for use on oil pans with threads stripped beyond repair

* Works on most oil pans with hole diameters from 1/2" to 3/4" (12mm to 18mm)

IFA PART #	INDUSTRY#	SERVICE 1
DPSAVER	80-17	11575

(DPSAVER IS INTENDED FOR TEMPORARY USE ONLY)

Not for use on Honda or VW vehicles - Bolt enters pan approximately 1 and 7/8" - Should not contact any internal components



THREAD TAPS



EXTRACTORS



PLUG SOCKETS




TOOLS: PAGES 192-195

TRANSMISSION DRAIN PLUGS





DPT10JT	DPT18TND	DPT18TNF	DPT32H		
					
10MM X 1.50 JEEP, TOY 88-95 JEEP, 94-01 TOY USE DW12JT FOR GASKET	18MM X 1.50 TOY, NISS DRAIN PLUG	18MM X 1.50 TOY, NISS FILL PLUG	32MM X 1.50 HONDA 85-00 HONDA FILL PLUG		
74-45K	IFA PART# INDUSTRY# SERVICE 1 QTY SOLD			PAINT MARKER	
 GASKET INCLUDED	DPT10JT	74-43	16501	EACH	 * Writes on any surface * Water resistant * Fiber-Tip marker
	DPT18TND	74-40	19541	EACH	
	DPT18TNF	74-42	19542	EACH	
	DPT32H	74-50	19538	EACH	
	74-45K	74-45K	11679	EACH	
22MM (3/8" SQ DRIVE) 02-04 FORD TRUCK 7.3L MANUAL CHECK PLUG					IFA PART# COLOR 04001Y YELLOW 04000W WHITE

TRANSMISSION PAN BOLTS

IFA PART#	DESCRIPTION	INDUSTRY#	SERVICE 1	QTY SOLD
TB14	1/4" BOLT, 10MM HEAD FOR GM, FORD, CHRY	74-54	80046	EACH
TB140S	1/4" BOLT, 10MM HEAD (OVERSIZE)	N/A	80060	EACH
TB516	5/16" BOLT, 13MM HEAD FOR GM, FORD, CHRY	74-56	80047	EACH
TB5160S	5/16" BOLT, 13MM HEAD (OVERSIZE)	N/A	80061	EACH
TB6	6MM BOLT, 13MM HEAD FOR IMPORTS	74-60	80044	EACH
TB8	8MM BOLT, 13MM HEAD FOR IMPORTS	74-80	80048	EACH
TB80S	8MM BOLT, 13MM HEAD (OVERSIZE)	N/A	80063	EACH
TB34	3/4" X 5/16" (SCREW TYPE)	N/A	80045	EACH



TRANSFER CASE PLUGS

TC12	TC18	TC22	TC60				
							
1/2" (3/8" SQ DRIVE) FORD 4X4'S ALUMINUM WITH BORG WARNER TC	18MM X 1.50 GMC 98-01 GMC FILL PLUG	22MM X 1.25 3/8" DRIVE GM, FORD, DODGE TRUCKS	22MM (HEX DRIVE) 03-06 FORD 6.0L TRUCK				
IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD	IFA PART#	INDUSTRY#	SERVICE 1	QTY SOLD
TC1/2	73-99S	14500	EACH	TC22	78-20	12500	EACH
TC18	73-01	12501	EACH	TC60	N/A	11681	EACH



DRAIN PLUGS

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DRAIN PLUG QUICK CROSS REFERENCE - INDUSTRY AND SERVICE 1



INDUSTRY#	SERVICE 1	IFA PART#	INDUSTRY#	SERVICE 1	IFA PART#	INDUSTRY#	SERVICE 1	IFA PART#
73-10	11502	DF1/2MS	78-71	11537	DP12OS	80-17	11575	DPSAVER
73-12	11121	DF1/2FS	78-72K	19533	DP12NTOS	78-60	11577	DP12SR
73-14	11122	DF3/4FS	78-80	11539	DP14PB	78-64	11579	DP12FR
73-34	11503	DF3/4MS	78-81K	11598	DP12PB	78-68	11580	DP12GMR
73-48	11120	DF3/8FS	78-93	19518	DP26	78-69	11581	DP12GMR
73-87	16500	DFRC	78-94	19520	DP12B	78-42M	11582	DP18MAG
74-40	19541	DPT18TND	79-15	11504	DF3/8FA	78-05M	11584	DP14FM
74-42	19542	DPT18TNF	79-21	11505	DF1/2FA	80-03	11585	DP22DD
74-43	16501	DPT10JT	80-03	11585	DP22DD	80-05	11588	DP12GMM
74-44	12502	DF20GMC	80-04	N/A	DP14FR48	78-01	11589	DP14
74-50	19538	DPT32H	80-05	11588	DP12GMM	78-62	11590	DP1/2CR
74-98	18101	DP14SS	80-06	N/A	DP14FR40	78-66	11591	DP14CR
74-99	18102	DP14SSOS	80-07	11593	DP14F150	80-07	11593	DP14F150
77-16	11515	DP1/2STH	80-08K	11544	DP14CC	78-81K	11598	DP12PB
77-26X	11516	DP1/2OS	80-17	11575	DPSAVER	N/A	11611	DP14MITS
77-27	11517	DP1/2DOS	80-22	11673	DP14LH	N/A	11613	DP12GMR
77-28	11518	DP1/2TOS	80-23	19540	DP18DD	78-05	11671	DP14ST
77-31	N/A	DP3/4OS	80-24	11680	DP12FORD	80-22	11673	DP14LH
77-32	N/A	DP7/8OS	80-26	11684	DP14DJ	80-24	11680	DP12FORD
77-39	19537	DP164	80-27	19544	DP14VWL	80-30	11682	DP10FORD
77-39X	19511	DP16	80-30	11682	DP10FORD	80-26	11684	DP14DJ
77-40	19513	DP20	82-25S	11499	DF18FA	74-44	12502	DF20GMC
77-41	19514	DP25	82-28S	11543	DF24FA	73-87	16500	DFRC
77-42	19512	DP18				74-43	16501	DPT10JT
77-44	19531	DP22				74-98	18101	DP14SS
78-01	11589	DP14				74-99	18102	DP14SSOS
78-02	11521	D147802				77-39X	19511	DP16
78-05	11671	DP14ST				77-42	19512	DP18
78-05M	11584	DP14FM				77-40	19513	DP20
78-15	11525	DP1/2				77-41	19514	DP25
78-17	11527	DP1/2PRH				78-45	19517	DP12M
78-25	11520	DP12GM				78-93	19518	DP26
78-26	11510	DP1/2SPB				78-10	19520	DP12B
78-27	11511	DP1/2DPB				73-34	19525	DP12NT
78-38	19525	DP12NT				79-15	19527	N/A
78-42M	11582	DP18MAG				79-21	19531	DP18LT
78-45	19517	DP12M				78-26	19532	DP19V
78-46	11528	DP14H				78-27	19533	DP12NTOS
78-48	N/A	DP14VW				77-16	19536	DP14M
78-53	19536	DP14M				77-26X	19537	DP164
78-54	19532	DP19V				77-27	19538	DPT32H
78-55	11529	DP14J				77-28	19540	DP18DD
78-60	11577	DP12SR				78-25	19541	DPT18TND
78-62	11590	DP1/2CR				78-02	19542	DPT18TNF
78-64	11579	DP12FR				78-15	19544	DP14VWL
78-66	11591	DP14CR				78-17		
78-68	11580	DP12GMR				78-46		
78-69	11581	DP12GMR				DP14H		
78-70	11538	DP14OS				DP14J		
						DP12OS		
						DP14OS		
						DP14PB		
						DP14OS		
						DP14PB		
						DF24FA		
						DP14CC		



BLACK FIBER GASKETS

Popular and economical gasket - the industry standard !

IFA PART#	DESCRIPTION	QTY SOLD	IFA PART#	DESCRIPTION	QTY SOLD
DW12F	12MM	100	DW164F	16.4MM O.S.	25
DW1/2F	1/2" (13MM)	100	DW18F	18MM	25
DW1/2FDOS	1/2" D.O.S.	25	DW20F	20MM	25
DW1/2FTOS	1/2" T.O.S.	25	DW22F	22MM	25
DW14F	14MM	100	DW25F	25MM	25
DW16F	16MM	25			

ALUMINUM GASKETS

Popular Honda applications !

IFA PART#	DESCRIPTION	QTY SOLD	IFA PART#	DESCRIPTION	QTY SOLD
DW12A	12MM	100	DW18A	18MM	25
DW12AM	12MM MRCDES	25	DW20A	20MM	25
DW1/2A	1/2" (13MM)	100	DW22A	22MM	25
DW14A	14MM	100	DW25A	25MM	25
DW16A	16MM	25			

GREEN SYNTHETIC GASKETS

Popular Toyota applications - soft, flexible !

IFA PART#	DESCRIPTION	QTY SOLD	IFA PART#	DESCRIPTION	QTY SOLD
DW12S	12MM	100	DW16S	16MM	25
DW1/2S	1/2" (13MM)	100	DW18S	18MM	25
DW14S	14MM	100	DW20S	20MM	25

WHITE NYLON GASKETS

Economical and reliable ! (both Single / Double thick varieties)

IFA PART#	DESCRIPTION	QTY SOLD	IFA PART#	DESCRIPTION	QTY SOLD
DW12N	12MM SINGLE	100	DW14NN	14MM DOUBLE	100
DW12NN	12MM DOUBLE	100	DW16N	16MM SINGLE	25
DW1/2N	1/2" (13MM) S	100	DW18N	18MM SINGLE	25
DW1/2NN	1/2" (13MM) D	100	DW20N	20MM SINGLE	25
DW14N	14MM SINGLE	100			

NEOPRENE GASKETS

Use with inset head drain plugs - Original Equipment Ford, GM, Saturn !

IFA PART#	DESCRIPTION	QTY SOLD	IFA PART#	DESCRIPTION	QTY SOLD
DW12FNP	12MM FORD	25	DW14FNP	14MM FORD	25
DW12GMNP	12MM GM	25	DW14FTNP	14MM FRD TRK	25
DW12SNP	12MM SATURN	25	DW14GMNP	14MM GM, CAT (O-RING STYLE)	25

DRAIN PLUG GASKETS

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RUBBER / METAL GASKETS



Original Equipment - rubber forms a tight seal !

IFA PART#	DESCRIPTION	QTY SOLD	IFA PART#	DESCRIPTION	QTY SOLD
DW12GM	12MM GM	25	DW18RM	18MM	25
DW14FORD	14MM FORD	25	DW22DD	22MM DODGE (USE WITH DP22DD)	EACH
DW16RM	16MM	25			

COPPER GASKETS - SOLID (FLAT)



Popular European applications !

IFA PART#	DESCRIPTION	QTY SOLD	IFA PART#	DESCRIPTION	QTY SOLD
DW12FC	12MM	100	DW18FC	18MM	25
DW1/2FC	1/2" (13MM)	100	DW19FC	19MM	25
DW14FC	14MM	100	DW20FC	20MM	25
DW16FC	16MM	25	DW22FC	22MM	25

COPPER GASKETS - CRUSH



Popular Japanese applications ! - USE ONLY ONCE * NEVER RE-USE

IFA PART#	DESCRIPTION	QTY SOLD	IFA PART#	DESCRIPTION	QTY SOLD
DW12CC	12MM	100	DW16CC	16MM	25
DW12JT	12MM JEEP, TOY	25	DW18CC	18MM	25
DW1/2CC	1/2" (13MM)	100	DW20CC	20MM	25
DW14CC	14MM	100	DW20SF	20MM SUBARU	25
DW14MH	14MM (MITSUBISHI, HYUNDAI)	25	DW22CC	22MM	25
			DW26CC	26MM	25

SPECIALTY GASKETS

SURE-LOCK



Nylon ribbed gasket insures a tight seal ! Tab gives visibility to tech !

IFA PART#	DESCRIPTION	QTY SOLD
DW12SL	12MM	25
DW1/2SL	1/2" (13MM)	25
DW14SL	14MM	25

TITANIUM



For Toyota and Lexus applications !

IFA PART#	DESCRIPTION	QTY SOLD
DW12T	12MM	25

RED FIBER



Forms a tight seal - thick, compressed fiber !

IFA PART#	DESCRIPTION	QTY SOLD
DW1/2R	1/2" (13MM) (single oversize)	25

DRAIN PLUG GASKET QUICK CROSS REFERENCE - INDUSTRY AND SERVICE 1



INDUSTRY#	SERVICE 1	IFA PART#	INDUSTRY#	SERVICE 1	IFA PART#	INDUSTRY#	SERVICE 1	IFA PART#
69-01	12551	DW14CC	75-25G	16550	DW12S	13553	71-42	DW18A
69-15	12550	DW1/2CC	75-26	N/A	DW1/2R	13554	71-40S	DW20A
69-25	12449	DW12CC	75-27	N/A	DW1/2FDOS	13555	N/A	DW25A
69-39X	12552	DW16CC	75-39	N/A	DW164F	13556	71-44	DW22A
69-40	12554	DW20CC	75-39G	16552	DW16S	13997	71-25	DW12A
69-42	12553	DW18CC	75-39X	19551	DW16F	13997	71-45	DW12AM
69-93	12558	DW26CC	75-40	19553	DW20F	14448	72-54	DW19FC
69-96	12540	DW14MH	75-40G	16554	DW20S	14449	72-25	DW12FC
69-97	12541	DW20SF	75-41	19554	DW25F	14550	72-15	DW1/2FC
69-98	16502	DW12JT	75-42	19552	DW18F	14551	72-01	DW14FC
70-01S	11565	DW14NN	75-42G	16553	DW18S	14552	72-39X	DW16FC
70-15	11554	DW1/2N	75-44	19556	DW22F	14553	72-42	DW18FC
70-15S	11563	DW1/2NN	76-01	11555	DW14N	14554	72-40	DW20FC
70-25	11549	DW12N	76-40	19559	DW20N	14556	72-44	DW22FC
70-39X	19557	DW16N	76-52	11566	DW12NN	16502	69-98	DW12JT
70-42	19558	DW18N				16549	75-15G	DW1/2S
71-15	13550	DW1/2A				16550	75-25G	DW12S
71-25	13449	DW12A				16551	75-01G	DW14S
71-39X	13552	DW16A				16552	75-39G	DW16S
71-40S	13554	DW20A				16553	75-42G	DW18S
71-42	13553	DW18A				16554	75-40G	DW20S
71-44	13556	DW22A				17816	N/A	DW12SL
71-45	13997	DW12AM				17817	N/A	DW1/2SL
71-61	13551	DW14A				17818	N/A	DW14SL
72-01	14551	DW14FC				18550	74-10	DW12T
72-15	14550	DW1/2FC				19550	75-25	DW12F
72-25	14449	DW12FC				19551	75-39X	DW16F
72-39X	14552	DW16FC				19552	75-42	DW18F
72-40	14554	DW20FC				19553	75-40	DW20F
72-42	14553	DW18FC				19554	75-41	DW25F
72-44	14556	DW22FC				19556	75-44	DW22F
72-54	14448	DW19FC				19557	70-39X	DW16N
74-03	11586	DW22DD				19558	70-42	DW18N
74-05	11676	DW14GMNP				19559	76-40	DW20N
74-06	11578	DW12SNP						
74-07	11583	DW12GMNP						
74-08	11561	DW12GM						
74-09	11562	DW14FORD						
74-10	18550	DW12T						
74-11	11567	DW16RM						
74-12	11568	DW18RM						
74-13	11558	DW14FTNP						
74-14	11557	DW14FNP						
74-15	11675	DW12FNP						
75-01	11551	DW14F						
75-01G	16551	DW14S						
75-15	11550	DW1/2F						
75-15G	16549	DW1/2S						
75-25	19550	DW12F						



DRAIN PLUG AND DRAIN GASKET ASSORTMENT KITS

POPULAR PLUG AND GASKET STARTER KIT (WITH LAMINATED CARD FOR EASY IDENTIFICATION) !



* Kit contains ten (10) each of the six (6) most popular drain plugs (60 drain plugs total + a black fiber gasket for use with each plug)

* Plugs and gaskets come in plastic case for easy and convenient storage

IFA PART #	KIT INCLUDES:			
ASST01	DP12GM	DP12NT	DP1/2PRH	DP1/2
		DP14	DP14H	

POPULAR GASKET STARTER KIT (WITH LAMINATED CARD FOR EASY IDENTIFICATION) !



* Kit contains twelve (12) of the most popular drain plug gaskets (225 gaskets total)

* Gaskets come in plastic case

IFA PART #	KIT INCLUDES: (QTY PER GASKET)			
ASST02	DW1/2F (25)	DW14F (25)	DW12F (25)	DW16F (15)
	DW18F (15)	DW20F (15)	DW12GM (25)	DW14FORD (25)
	DW1/2NN (10)	DW14NN (10)	DW14A (25)	DW18S (10)

MASTER GASKET AND PLUG / GASKET ASSORTMENT KITS !



Both kits come in a metal case with a heavy duty removable plastic tray and contain a laminated card for easy identification

IFA PART #	IFA PART #
ASST014	ASST016

ASST014 KIT INCLUDES (25 OF EACH):			
DW12CC	DW14CC	DW16CC	DW18CC
DW20CC	DW12S	DW18S	DW12A
DW14A	DW14FC	DW12GM	DW14FORD
DW12F	DW14F	DW16F	DW18F
DW20F	DW25F	DW1/2F	DW1/2R
DW1/2FDOS	DW12N	DW14N	DW1/2N

ASST016 KIT INCLUDES (QTY LISTED):			
DP14 (15)	DP1/2 (15)	DP12GM (15)	DP1/2OS (10)
DP1/2DOS (10)	DP12NT (10)	DP16 (5)	DP18 (10)
DP20 (10)	DP12SR (5)	DP14H (10)	DP12M (5)
DP1/2CR (5)	DW12CC (10)	DW14CC (10)	DW16CC (10)
DW18CC (10)	DW20CC (10)	DW14A (25)	DW12FC (10)
DW14FC (15)	DW1/2F (25)	DW1/2R (25)	DW1/2FDOS (25)
DW12F (25)	DW14F (25)	DW18F (25)	DW12N (25)
DW14N (25)	DW1/2N (25)	DW12GM (25)	DW14FORD (25)

TAMPER / WARRANTY SEAL



* Seals oil drain plugs, differential plugs, bolts & more

* Helps protect against fraudulent claims by easily viewing if the seal has been broken



IFA PART#	COLOR	SIZE
TAMPER	YELLOW	1.5 OUNCES
TAMPER-R	RED	1.5 OUNCES
TAMPER-W	WHITE	1.5 OUNCES
TAMPER-B	BLUE	1.5 OUNCES
WSEAL-B	BLUE	1.8 OUNCES
WSEAL-P	PURPLE	1.8 OUNCES
WSEAL-W	WHITE	1.8 OUNCES



- * Change with every radiator service
- * Easy add on item increases sales!
- * Quick and easy installation

STANDARD RADIATOR CAPS

<p>IFA PART# LBS. R25 15</p> <p>GENERAL DESCRIPTION 78-03 AUDI, 97-98 PORSCHE, 75-93 VW, 85-89 VW TRUCK</p>		<p>IFA PART# LBS. R27 13</p> <p>GENERAL DESCRIPTION 86-05 HYUN, 90-06 INFINITI, 86-06 NISSAN, 84-04 TOYOTA</p>	
<p>IFA PART# LBS. R28 7</p> <p>GENERAL DESCRIPTION 89, 93 FORD TRUCK PRE 70'S MISC VEHICLES</p>		<p>IFA PART# LBS. R29 13</p> <p>GENERAL DESCRIPTION 78-89 BMW, 61-98 FORD TRK, 73-89 HONDA, 84-95 JEEP</p>	
<p>IFA PART# LBS. R30 16</p> <p>GENERAL DESCRIPTION 91-05 CHEVY, 93-06 CHRYS 93-06 DODGE, 03-06 JEEP</p>		<p>IFA PART# LBS. R31 16 (VENTED)</p> <p>GENERAL DESCRIPTION 76-06 BUICK, 78-06 CHEVY 62-06 DODGE, 76-05 PONTIAC</p>	
<p>IFA PART# LBS. R32 N/A</p> <p>GENERAL DESCRIPTION 82-92 GM THERMOSTAT HOUSING CAP</p>		<p>IFA PART# LBS. R33 16</p> <p>GENERAL DESCRIPTION 89-06 FORD, 98-06 HYUN 93-05 MAZDA, 94-06 TOYOTA</p>	
<p>IFA PART# LBS. R34 18</p> <p>GENERAL DESCRIPTION 01-05 CADILLAC, 93-02 CHVY 93-06 JEEP, 03-06 CHRYSLER</p>		<p>IFA PART# LBS. R35 20</p> <p>GENERAL DESCRIPTION 85-91 BMW, 01-05 DODGE 86-04 MERCEDES</p>	
<p>IFA PART# LBS. R37 10</p> <p>GENERAL DESCRIPTION VINTAGE HEAVY DUTY CHEVY, GMC TRUCKS</p>		<p>IFA PART# LBS. R38 16</p> <p>GENERAL DESCRIPTION 93-06 FORD, LINCOLN, MERC 00-06 JAG, 01-04 MAZDA</p>	
<p>IFA PART# LBS. R39 15</p> <p>GENERAL DESCRIPTION 92-04 CHEVY, 00-05 MERCED 95-02 SATURN</p>		<p>IFA PART# LBS. R40 18</p> <p>GENERAL DESCRIPTION 91-94 SATURN</p>	

RADIATOR CAPS

FOR ORDERS OR QUESTIONS - TOLL FREE

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STANDARD RADIATOR CAPS

IFA PART#	LBS.
R41	13
GENERAL DESCRIPTION	
98-02 CHEVY, 90-06 LEXUS 92-04 MITS, 90-06 TOYOTA	



IFA PART#	LBS.
R42	16
GENERAL DESCRIPTION	
91-06 ACURA, 92-06 HONDA 89-06 SUZUKI, 92-06 TOYOTA	



IFA PART#	LBS.
R44	22
GENERAL DESCRIPTION	
80-06 VOLVO 03-06 VOLVO TRUCK	



IFA PART#	LBS.
R48	15
GENERAL DESCRIPTION	
99-06 CHEVY, OLDS, PONTIAC 03-06 CADILLAC, ISUZU TRK	



IFA PART#	LBS.
R50	18
GENERAL DESCRIPTION	
95-05 FORD 95-02 MERCURY	



RADIATOR TOOLS AND TESTERS

Hydrometers, test strips, pliers...



**...AND MUCH MORE!
PAGES 199-202**

SAFETY RELEASE RADIATOR CAPS



IFA PART#	LBS.	GENERAL DESCRIPTION
10327	13	86-05 HYUN, 90-64 INFINITI, 86-06 NISSAN, 84-04 TOYOTA
10329	13	78-89 BMW, 61-98 FORD TRK, 73-89 HONDA, 84-95 JEEP
10330	16	91-05 CHEVY, 93-06 CHRYS, 93-06 DODGE, 03-06 JEEP
10331	16 (VENTED)	76-06 BUICK, 78-06 CHEVY, 62-06 DODGE, 76-05 PONTIAC
10333	16	89-06 FORD, 98-06 HYUNDAI, 93-05 MAZDA, 94-06 TOYOTA

Safety release caps have an added margin of safety that release pressure in the radiator before opening the cap!



COOLANT RECOVERY CAPS



IFA PART#	GENERAL DESCRIPTION
RA21 (R36)	73-02 GM (VENTED)
92027	82-94 GM
92028	94-07 GM

RADIATOR CAP ASSORTMENT KIT

* Complete assortment with heavy duty cabinet



IFA PART#
RADASST

ASST CONTAINS:
R27, R31 (4 EA)
R30, R33 (3 EA)
R42, R38, R41, R29
R48, R34, R39 (2 EA)
R35, 10331, R40, R50, R28,
R37, R25, R44 (1 EA)
RADCAB (1)
36 PCS TOTAL + CABINET

IFA PART#
RADCAB
(CABINET ONLY)

FRAM®



- * Replace damaged caps to help prevent loss of oil and potential engine damage
- * Quick and easy installation

<p>IFA PART# 10066</p> <p>GENERAL DESCRIPTION 73-97 CHEVY, GMC TRUCK, 70-02 DODGE, 91-02 JEEP TRK</p>		<p>IFA PART# 10071</p> <p>GENERAL DESCRIPTION CRANKCASE BREATHER 68-97 FORD, 68-87 MERCURY</p>	
<p>IFA PART# 10072</p> <p>GENERAL DESCRIPTION 71-96 CHEVY, GMC TRUCK, 89-94 ISUZU TRK, 81-95 PONT</p>		<p>IFA PART# 10077</p> <p>GENERAL DESCRIPTION 80-86 BUICK, PONTIAC, 80-86 CHEVY, 80-86 OLDS</p>	
<p>IFA PART# 10080</p> <p>GENERAL DESCRIPTION 98-02 CHEVY, 90-06 LEXUS, 03-06 PONT TRK, 77-06 TOY</p>		<p>IFA PART# 10081</p> <p>GENERAL DESCRIPTION 86-05 ACURA, 86-06 LINCOLN, 83-06 HONDA, 85-06 MERCURY</p>	
<p>IFA PART# 10082</p> <p>GENERAL DESCRIPTION 84-97 FORD, 93-06 KIA TRK, 72-05 MAZDA, 01-06 MERC</p>		<p>IFA PART# 10085</p> <p>GENERAL DESCRIPTION 80-88 AMC, 90-92 DODGE, 88-92 EAGLE, 80-90 JEEP TRK</p>	
<p>IFA PART# 10088</p> <p>GENERAL DESCRIPTION 87-05 CHRYS, 79-05 DODGE, 83-06 MITS, 86-05 HYUNDAI</p>		<p>IFA PART# 10092</p> <p>GENERAL DESCRIPTION 82-88 NISSAN, 75-79 TOYOTA, 75-78 TOYOTA TRUCK</p>	
<p>IFA PART# 10093</p> <p>GENERAL DESCRIPTION 67-94 SUBARU 77-88 SUBARU TRUCK</p>		<p>IFA PART# 10094</p> <p>GENERAL DESCRIPTION CRANKCASE BREATHER 82-87 FORD, MERCURY</p>	
<p>IFA PART# 10096</p> <p>GENERAL DESCRIPTION 87-93 BUICK, 87-88 CADILLAC, 87-94 CHVY, PONT, 87-92 OLDS</p>		<p>IFA PART# 10097</p> <p>GENERAL DESCRIPTION 84-92 CADILLAC</p>	

OIL FILLER CAPS

FOR ORDERS OR QUESTIONS - TOLL FREE

PH: 1-800-872-2333 FAX: 1-800-569-6412

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<p>IFA PART# 10099</p> <p>GENERAL DESCRIPTION 85-06 BUICK, 92-06 CHEVY, 86-04 OLDS, PONT, 91-06 SAT</p>		<p>IFA PART# 10100</p> <p>GENERAL DESCRIPTION 86-93 FORD, 03 FORD TRK, 87-93 FORD TRK, 91-96 MRCY</p>	
<p>IFA PART# 10101</p> <p>GENERAL DESCRIPTION 95-06 FORD, 88-04 ISUZU TRK, 03-04 MAZDA, 95-02 MERCURY</p>		<p>IFA PART# 10104</p> <p>GENERAL DESCRIPTION 85-92 GM, OLDSMOBILE, 85-92 BUICK, CHEVY</p>	
<p>IFA PART# 10105</p> <p>GENERAL DESCRIPTION 91-98 BUICK, 89-00 CHVY, GMC, 96-01 OLDS, 89-02 PONTIAC</p>		<p>IFA PART# 10106</p> <p>GENERAL DESCRIPTION 82-88 BUICK, OLDSMOBILE, 73-87 HONDA, 82-94 PONTIAC</p>	
<p>IFA PART# 10107</p> <p>GENERAL DESCRIPTION 90-06 INFINITI, 93-02 MERCURY, 82-06 NISSAN</p>		<p>IFA PART# 10110</p> <p>GENERAL DESCRIPTION 87-06 SUBARU, 98-06 SUBARU TRUCK</p>	
<p>IFA PART# 10111</p> <p>GENERAL DESCRIPTION 93-06 CHRYSLER, DODGE, 94-04 JEEP TRK, 94-01 PLYM</p>		<p>IFA PART# 10112</p> <p>GENERAL DESCRIPTION 87-94 TOYOTA, 84-97 TOYOTA TRUCK</p>	
<p>IFA PART# 10114</p> <p>GENERAL DESCRIPTION 96-05 CHEVY, GMC TRUCK, 00-03 GMC TRUCK</p>			

POWER STEERING CAPS



IFA PART#
PSC1

GENERAL DESCRIPTION
SAGINAW



IFA PART#
PSC2

GENERAL DESCRIPTION
FORD (NON-VENTED)



PAGES: 245-249

STANDARD HOSE CLAMPS



- * High quality, stainless steel design
- * All numbers are 10 per box
- * HC4 & HC6 = 5/16" band with 1/4" screw
(all others = 1/2" band with 5/16" screw)



IFA PART#	SIZE RANGE
HC4	5/16" - 5/8"
HC6	3/8" - 7/8"
HC8	7/16" - 1"
HC10	1/2" - 1 1/16"
HC12	9/16" - 1 1/4"
HC16	11/16" - 1 1/2"
HC20	3/4" - 1 3/4"
HC24	1" - 2"
HC28	1 5/16" - 2 1/4"
HC32	1 9/16" - 2 1/2"
HC36	1 13/16" - 2 3/4"

FUEL INJECTION HOSE CLAMPS



- * Solid, flat design provides required sealing pressure necessary for fuel injection hose

IFA PART#	SIZE RANGE
FIC4	1/4" - 5/8"
FIC6	5/16" - 7/8"
FIC8	7/16" - 1"



IFA PART#	SIZE I.D.	LENGTH	GRADE
FUEL LINE HOSE			
FH316	3/16"	25 FEET	SAE30R6
FH14	1/4"	25 FEET	SAE30R6
FH516	5/16"	25 FEET	SAE30R6
FH38	3/8"	25 FEET	SAE30R6
FH716	7/16"	25 FEET	SAE30R6
HEATER HOSE			
HH12	1/2"	50 FEET	SAE30R6
HH58	5/8"	50 FEET	SAE30R6
HH34	3/4"	50 FEET	SAE30R6
VACUUM/WASHER HOSE			
VH764	7/64"	50 FEET	SAE30R6
VH532	5/32"	50 FEET	SAE30R6
VH732	7/32"	50 FEET	SAE30R6
VH932	9/32"	50 FEET	SAE30R6
FUEL INJECTION HOSE			
FI14	1/4"	10 FEET	SAE30R9
FI38	3/8"	10 FEET	SAE30R9
FI516	5/16"	10 FEET	SAE30R9



* Thermoid® branded automotive hoses are specially designed to withstand the wide range of heat, ozone, weather and abrasion conditions experienced by today's active motor vehicles

* Trouble-free service, extra-long performance life and exceptional value



IFA METROSTREET

IFA METROSTREET® IFA SUPERSTOCK® WIPER BLADES



NEW!

IFA METROSTREET®
IFA SUPERSTOCK®

WIPER BLADES

ALL METAL
RUST RESISTANT FRAME

ADAPTERS INCLUDED

STAINLESS STEEL
BLADE BACKING

STREAK FREE
WIPING EDGE

SIZES
11" TO 28"



IFA PART #	LENGTH
WB11	11"
WB12	12"
WB13	13"
WB14	14"
WB15	15"
WB16	16"
WB17	17"
WB18	18"
WB19	19"
WB20	20"
WB21	21"
WB22	22"
WB24	24"
WB26	26"
WB28	28"

* All part numbers are 10 per case

Complete Windshield Services



Pages 115 and 116



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Page 276

PREMIUM VISION**PREMIUM VISION WIPER BLADES (BY PREMIUM GUARD)**

PREMIUM VISION
EASY INSTALLATION **WIPER BLADE**



* All part numbers are 10 per case

- * Premium Vision Wiper Blades are of the highest quality
- * Premium Vision blades are made with an all steel frame for superior rigidity and durability
- * Wiper blade design provides for even pressure distribution and streak-free wipes
- * Adapter post is a stainless steel rivet for extra rigidity and smooth rotation

IFA PART #	PV11	PV13	PV14	PV15	PV16	PV17	PV18
LENGTH	11"	13"	14"	15"	16"	17"	18"
IFA PART #	PV19	PV20	PV21	PV22	PV24	PV26	PV28
LENGTH	19"	20"	21"	22"	24"	26"	28"

CUT TO FIT REFILLS - 24" LONG

STEP #1 - Measure refill next to the old refill in order to determine the proper length

STEP #2 - Snap refill at the scored mark based on the measurement (refill is scored every 1/2")

STEP #3 - Cut the squeegee to complete the correct fit

IFA PART #	AS-24R	AS-24T	AS-24W
SIZE	REGULAR	THIN	WIDE

PREMIUM VISION
EASY INSTALLATION **WIPER BLADE**



BOSCH WIPER BLADES - ICON



Up to 20% longer life than other premium wiper blades!



Each year, more and more vehicle manufacturers are specifying bracketless blades as OEM. Bracketless (also called beam / flat) wiper blades are designed without metal or plastic brackets, joints or hinges, offering design and performance improvements over conventional wiper blades. The award-winning design of Bosch ICON™ distributes more uniform pressure along the entire length of the blade for ultimate all-season performance.

- * Exclusive FX dual rubber technology - Flexible soft layer reduces chatter
- * Hard wiping edge for superior wiping performance
- * Patented bracketless design - Better resistance to ice and snow build-up
- * Precision-tensioned dual steel springs - Applies uniform pressure
- * Crystal-clear visibility over a longer service life
- * Quiet-Glide™ micro-finish wiping edge - Smoother, quieter operation
- * Exclusive weather shield connector system - Pre-installed, protects arm
- * Aerodynamic wind spoiler - Creates downforce, preventing blade lift-off

UNIVERSAL BOSCH ICON™ WIPER BLADES

A/B side for some sizes to match curvature of the windshield!

IFA PART #	416A	417A	417B	418A	418B	419A	419B
LENGTH	16" - A SIDE	17" - A SIDE	17" - B SIDE	18" - A SIDE	18" - B SIDE	19" - A SIDE	19" - B SIDE
IFA PART #	420A	420B	421A	421B	422A	422B	424A
LENGTH	20" - A SIDE	20" - B SIDE	21" - A SIDE	21" - B SIDE	22" - A SIDE	22" - B SIDE	24" - A SIDE
IFA PART #	426A	428A	428B	* All Universal ICON™ blades are sold EACH blade - NOT CASES			
LENGTH	26" - A SIDE	28" - A SIDE	28" - B SIDE				



OE REPLACEMENT BOSCH ICON™ WIPER BLADES

* All OE Replacement ICON™ blades are sold EACH SET OF TWO (2)

IFA PART #	SIZES	DESCRIPTION
440	24 / 20	07-10 BMW X5, 08-10 BMW X6, 05-06 FORD FIVE-HUNDRED, FREESTYLE, MERCURY MONTEGO
441	24 / 21	07-10 BUICK LUCERNE, 05-09 PONTIAC G6, 07 SATURN AURA
442	21 / 21	02-05 VOLKSWAGEN PASSAT
443	22 / 22	07-08 CADILLAC ESCALADE, GMC YUKON, 07-10 CHEVY, 05-10 MERCEDES SLK, 06 SLR

BOSCH

BOSCH WIPER BLADES - 407 SERIES - MICRO EDGE



Specially blended natural rubber for crystal clear visibility!

BETTER



* All part numbers are 10 per case

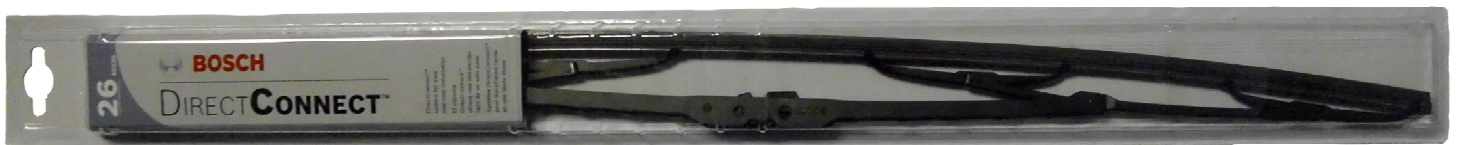
Bosch Micro Edge Wiper Blades are designed for dependable wiping performance. Every blade incorporates a fully-enclosed metal tension spring and a precision cut natural rubber wiping element. That means premium wiping performance and crystal clear visibility for safer driving. And the exclusive Bosch DirectConnect™ one-step system (no adapters required for more than 90% of vehicle applications) makes installation quick and easy.

- * More direct pressure to the wiping edge for improved moisture removal
- * Better protection against water, snow or ice build-up for improved all-season performance
- * Quiet-Glide™ micro-finish wiping edge for a smoother, quieter operation
- * Aerodynamic all-steel frame
- * Superior corrosion resistance

BOSCH

IFA PART #	40711A	40713A	40715A	40716A	40717A	40718A	40719A
LENGTH	11"	13"	15"	16"	17"	18"	19"
IFA PART #	40720A	40721A	40722A	40724A	40726A	40728A	additional adapters included with each blade if needed
LENGTH	20"	21"	22"	24"	26"	28"	

BOSCH WIPER BLADES - 405 SERIES - DIRECT CONNECT



- * Combination solid-steel and thermo composite frame with pre-installed universal connector
- * The perfect blade for customers looking for the right mix of performance and value!
- * Install with confidence the brand your customers know and trust!

BOSCH

GREAT



* All part numbers are 10 per case

IFA PART #	40513	40515	40516	40517	40518	40519	40520
LENGTH	13"	15"	16"	17"	18"	19"	20"
IFA PART #	40521	40522	40524	40526	40528	additional adapters included with each blade if needed	
LENGTH	21"	22"	24"	26"	28"		

WIPER BLADES

FOR ORDERS OR QUESTIONS - TOLL FREE

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BOSCH

BOSCH WIPER BLADES - 477 SERIES - WINTER



BOSCH

* All part numbers are 10 per case

* Fights freeze-up, streaking and smearing for premium winter performance

* Special rubber winter jacket design resists snow and ice build-up

IFA PART #	47718	47720
LENGTH	18"	20"

BOSCH WIPER BLADE ACCESSORIES



* Converts OE "side saddle" installation found in some Toyota and other Japanese vehicles (blade fixed to the wiper arm with 2 screws) to a quick-release 9mm hook installation

IFA PART #	CONTENTS
43000	FIVE (5) 9MM CONVERSION HOOKS TEN (10) SCREWS (2 FOR EACH HOOK)

BOSCH DISPLAY CABINETS



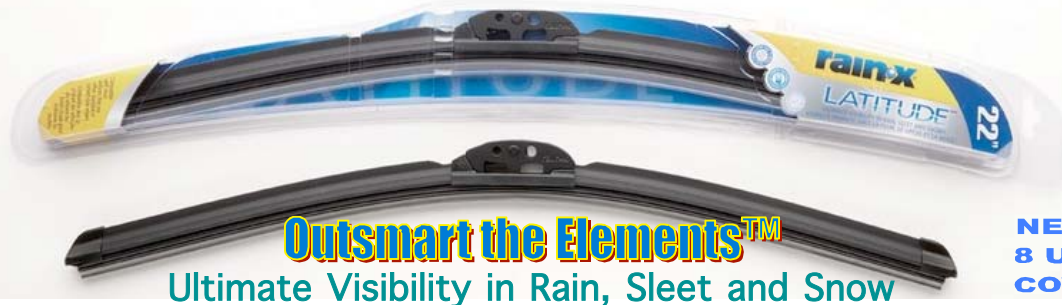
**VISIT THE
CUSTOMER CARE
SECTION
ON PAGES 284-287**

Call 1-800-872-2333 for current cabinets and P.O.P. materials available

MORE INFORMATION @ WWW.BOSCHAUTOPARTS.COM

RAIN-X

RAIN-X LATITUDE 8-IN-1 BEAM BLADE WIPER BLADES



Outsmart the Elements™
Ultimate Visibility in Rain, Sleet and Snow

**NEW CONNECTORS FIT
8 UNIQUE WIPER ARMS
COVERING MORE THAN
98% OF APPLICATIONS**

- * High Performance Wipe:
Contoured design applies even pressure along the entire blade length
Specially blended rubber blade delivers the ultimate smooth, clean, chatter-free wipe
Built-in aerodynamic spoiler significantly reduces drag, noise and wind-lift
- * Easy to Install
For use with either originally installed standard or curved style wipers
Pre-installed with a J-hook connector for use with most vehicle applications
Additional multi-connectors provided for a total of 8 different wiper arms
- * Ice Resistant Frame
Prevents ice and snow build-up through the elimination of exposed metal components
Rubber structure increases flexibility and adherence to the windshield in harsh conditions

IFA PART #	LATALL16	LATALL17	LATALL18	LATALL19	LATALL20	LATALL21	LATALL22
LENGTH	16"	17"	18"	19"	20"	21"	22"
IFA PART #	LATALL24	LATALL26	LATALL28	* All part numbers are 6 per case			
LENGTH	24"	26"	28"				

RAIN-X WEATHERBEATER WIPER BLADES



- From the #1 name in visibility! - Meets or exceeds OEM specifications
- Blades are made with all steel frames for superior rigidity and durability
- Weatherbeater design provides for even pressure distribution and streak-free wipes
- Pre-installed universal quick lock adapter fits 96% of vehicles for easy installation
- Adapter post is a stainless steel rivet for extra rigidity and smooth rotation
- Vented frame reduces aerodynamic lift, providing more contact
- Incorporates friction reducers for a smooth, quiet wipe

* All part numbers are 10 per case



IFA PART #	RAINX12	RAINX13	RAINX14	RAINX15	RAINX16	RAINX17	RAINX18
LENGTH	12"	13"	14"	15"	16"	17"	18"
IFA PART #	RAINX19	RAINX20	RAINX21	RAINX22	RAINX24	RAINX26	RAINX28
LENGTH	19"	20"	21"	22"	24"	26"	28"

AQUAPEL

PROFESSIONAL INSTALLER KIT

Aquapel®

Glass Treatment



Aquapel® Glass Treatment improves a driver's ability to see clearly and drive safer

This innovative technology is a long-lasting rain repellent that:

- * Remarkably improves vision in the rain
- * Causes rain to bead up and roll right off
- * Makes it easier to clear ice, snow, and even dirt and bugs
- * Reduces glare in the rain, especially at night
- * Lasts for months in normal driving conditions

Using technology innovated for the aviation industry, Aquapel® Glass Treatment forms a chemical bond with the glass which increases water repellency, causing it to bead and easily shed off the glass. These fluorinated compounds apply in just minutes to a clean, dry windshield or any exterior glass surface, and last up to six times longer than silicone-based products.

24-New Profit Opportunities

- Increase Average Ticket
- Locks In Customer Loyalty
- Enhance Customer Satisfaction
- Quick and Easy Application
- Convenient Pre-Pack

WINDSHIELD & GLASS TREATMENT:

- Lasts 4-6 Months
- Patented PPG® Technology
- User Friendly Applicator
- Professionally Applied in Minutes
- Improved Driver Visibility 34%
- Great Sales Opportunity for Fleet Accounts

See
Clearly.
Drive
Safer
Longer.

KIT INCLUDES:

- * 24 Applicators (8 ml solution each)
one applicator treats an average windshield
- * 24 Consumer sales brochures
for waiting room, direct mailings, etc.
- * 24 Mirror hangers
thanks car owner for purchase, blank space
to insert your company's information
- * 24 Service reminder stickers
- * 1 Application Instruction/Sales Aid
- * 1 Material Safety Data Sheet (MSDS)

IFA PART #

98994

AQUAPEL / SPRAYWAY

AQUAPEL RETAIL PACK



- * Attractive counter display for impulse retail purchases
- * One applicator per pack
- * Sold 6 per case

IFA PART #
47100

SPRAYWAY GLASS CLEANER



- * Dissolves dirt, grease, grit, and grime
- * Heavy-duty foam clings to vertical surfaces and guaranteed to leave no film

OZONE
SAFE

IFA PART #
SW50

SIZE
19 OUNCES

AQUAPEL SHAKER BOTTLE



- * Perfect sales aid for Aquapel® product
- * Consumers can see first hand how the product works! Half the bottle is coated, the other is not!

The Silent
Salesman!



IFA PART #
SHAKER

for additional windshield products,
GO TO PAGES 274 & 276

SHOP SUPPLIES - WINDSHIELD PRODUCT



WINDSHIELD WASHER FLUID PRODUCTS

WASHER FLUID CONCENTRATE



- * Ultra-concentrated, biodegradable formula makes **320 GALLONS FROM THIS ONE QUART BOTTLE!** (Almost six 55 gallon drums!)
- * Contains no phosphates, ammonia, methanol or other hazardous chemicals



THE ULTIMATE IN SAVINGS
FOR YOUR BUSINESS \$\$\$

IFA PART#	SOLD	SIZE	CASE QTY
BS320	EACH	32 OUNCES	12

RAIN X ORIGINAL GLASS TREATMENT™



- * Dramatically improves weather visibility, safety and driving conditions
- * Repels rain and reduces the adhesion of sleet, snow, salt, mud and bug splatter
- * In tests, better visibility improved driving response time up to a full second or more - almost four car lengths of extra stopping distance at highway speeds!

IFA PART#	SOLD	SIZE	CASE QTY
RX11212	PER CASE	7 OUNCES	12

NEW PRODUCT

GO TO PAGES 288-293



CEC Industries Ltd.

Your Global Partner in Lighting Solutions



HALOGEN CAPSULES

STYLE ID# GUIDE



IFA PART#	STYLE ID#	GENERAL DESCRIPTION	POP CODE	BULB BASE STYLE
9003	A	HIGH / LOW 12.8V 60/55W T4 5/8	A	PX43T-38
9004	B	HIGH / LOW 12.8V 65/45W T4 5/8	A	AXIAL (P29T)
9005	C	HIGH 12.8V 65W T4	A	RIGHT ANGLE (HB3)
9006	C	LOW 12.8V 55W T4	AA	RIGHT ANGLE (HB4)
9007	B	HIGH / LOW 12.8V 65/55W T4 5/8	AA	AXIAL (P29T)
9008	D	HIGH / LOW 12V 50/55W T4 (H13)	C	P26.4T
9145	C	LOW 12.8V 45W T4 (H10)	C	RIGHT ANGLE (HB3)
880	E	CORNERING, BACK-UP 12V 27W T3 1/4	C	AXIAL (PG13)
881	F	CORNERING, BACK-UP 12V 27W T3 1/4	D	RIGHT ANGLE
885	E	FOG 12V 50W T3 1/4	F	AXIAL (PG13)
889	F	STOP, TURN 12V 27W T3 1/4	F	RIGHT ANGLE
890	E	HIGH MOUNT STOP (3RD BRK) 12V 27W T3 1/4	F	AXIAL (PG13)
891	G	HIGH MOUNT STOP (3RD BRK) 12V 8W G4	D	G4 BI-PIN
893	E	CORNERING 12.8V 37.5W T3 1/4	D	AXIAL (PG13)
896	F	CORNERING 12V 37.5W T3 1/4	F	RIGHT ANGLE
899	E	FOG 12.8V 37.5W T3 1/4	F	AXIAL (PG13)
H1	H	FOG 12V 55W T2 1/2	B	P14.5S
H2	I	FOG 12V 100W T3	D	X511
H3	J	FOG 12V 55W T3 1/4	B	PK22S
H4	A	HIGH / LOW 12V 60/55W T4 5/8	B	P43T
H7	K	FOG 12V 55W T4 5/8	AA	PX26D
H8	L	FOG 12V 35W T4	F	PGJ19-1
H9	L	HIGH 12V 65W T4	F	PGJ19-5
H11	L	FOG, LOW 12V 55W T4	B	PGJ19-2
H12	C	LOW 12.8V 53W T4 (9055)	F	RIGHT ANGLE (HB3)
64115	M	DOVE 12V 20W T2 3/4	F	BAYONET (BA9S)

ALL HALOGEN BULBS ARE PACKED AND SOLD ONE (1) PER BOX

APPLICATION INFORMATION @ WWW.CECINDUSTRIES.COM

MINIATURE BULBS

STYLE ID# GUIDE



IFA PART#	STYLE ID#	GENERAL DESCRIPTION	POP CODE	BULB BASE STYLE
24	A	SIDEMARKER 14V .27A 2CP T2 3/4	C	WEDGE
24NA	A	SIDEMARKER 14V .27A 2CP T2 3/4	F	WEDGE (AMBER)
37	E	DOME, COURTESY 14V .09A .5CP T1 3/4	D	WEDGE
53	B	INSTRUMENT 14.4V .12A 1CP G3 1/2	D	BAYONET (BA9S)
57	C	INSTRUMENT 14V .24A 2CP G4 1/2	D	BAYONET (BA9S)
67	D	LICENSE PLATE 13.5V .59A 4CP G6	B	S.C. BAYONET (BA15S)
68	D	LICENSE PLATE 13.5V .59A 4CP G6	F	D.C. BAYONET (BA15D)
74	E	INSTRUMENT 14V .1A .7CP T1 3/4	F	WEDGE
89	D	INTERIOR, TRUNK 13V .58A 6CP G6	D	S.C. BAYONET (BA15S)
90	D	INTERIOR, TRUNK 13V .58A 6CP G6	F	D.C. BAYONET (BA15D)
97	D	SIDEMARKER 13V .58A 6CP G6	D	S.C. BAYONET (BA15S)
168	E	PARKING, LICENSE PLATE 14V .35A 3CP T3 1/4	AA	WEDGE
168A	E	PARKING, LICENSE PLATE 14V .35A 3CP T3 1/4	F	WEDGE (AMBER)
194	E	INSTRUMENT 14V .27A 2CP T3 1/4	AA	WEDGE
194A	E	INSTRUMENT 14V .27A 2CP T3 1/4	A	WEDGE (AMBER)
194R	E	INSTRUMENT 14V .27A 2CP T3 1/4	F	WEDGE (RED)
561	F	DOME, COURTESY 12.8V .97A 12CP T3	D	RIGID LOOP
755	G	TURN (INDICATOR) 6.3V .15A .33CP T3 1/4	F	BAYONET (BA9S)
906	A	HIGH STOP (3RD BRAKE) 13V .69A 6CP T5	B	WEDGE
912	A	HIGH STOP (3RD BRAKE) 12.8V 1A 12CP T5	A	WEDGE
921	A	HIGH STOP (3RD BRAKE) 12.8V 1.4A 21CP T5	AA	WEDGE
921A	A	HIGH STOP (3RD BRAKE) 12.8V 1.4A 21CP T5	D	WEDGE (AMBER)
922	A	HIGH STOP (3RD BRAKE) 12.8V .98A 15CP T5	A	WEDGE
1003	H	DOME, COURTESY 12.8V .94A 15CP B6	C	S.C. BAYONET (BA15S)
1004	H	DOME, COURTESY 12.8V .94A 15CP B6	F	D.C. BAYONET (BA15D)
1034	I	STOP, TURN (INDICATOR) 12.8/14V 32/4CP S8	D	D.C. INDEX (BAY15D)
1073	I	HIGH STOP (3RD BRAKE) 12.8V 1.8A 32CP S8	F	S.C. BAYONET (BA15S)
1141	I	BACK-UP 12.8V 1.44A 21CP S8	C	S.C. BAYONET (BA15S)
1156	I	BACK-UP 12.8V 2.1A 32CP S8	A	S.C. BAYONET (BA15S)
1156A	I	BACK-UP 12.8V 2.1A 32CP S8	C	S.C. BAYONET (BA15S) (AMB)
1157	I	STOP, TURN (INDICATOR) 12.8/14V 32/3CP S8	A	D.C. INDEX (BAY15D)
1157A	I	STOP, TURN (INDICATOR) 12.8/14V 32/3CP S8	B	D.C. INDEX (BAY15D) (AMBER)
1816	G	INSTRUMENT, GLOVE 13V .33A 3CP T3 1/4	F	BAYONET (BA9S)
1893	G	COURTESY 14V .33A 2CP T3 1/4	F	BAYONET (BA9S)
1895	C	INSTRUMENT, GLOVE 14V .27A 2CP G4 1/2	F	BAYONET (BA9S)
2057	I	STOP, TURN (INDICATOR) 12.8V 32/2CP S8	A	D.C. INDEX (BAY15D)
2057A	I	STOP, TURN (INDICATOR) 12.8V 32/2CP S8	C	D.C. INDEX (BAY15D) (AMBER)
211-2	J	DOME, COURTESY 12.8V .97A 12CP T3	C	MINIATURE CAP
212-2	J	DOME, COURTESY 13.5V .74A 6CP T3	F	MINIATURE CAP

MINIATURE BULBS

IFA PART#	STYLE ID#	GENERAL DESCRIPTION	POP CODE	BULB BASE STYLE
2357	I	STOP, TURN (INDICATOR) 12.8V 40/3CP S8	C	D.C. INDEX (BAY15D)
2357A	I	STOP, TURN (INDICATOR) 12.8V 40/3CP S8	D	D.C. INDEX (BAY15D) (AMBER)
2825	E	SIDEMARKER 12V .4A 4CP T3 1/4	D	WEDGE
3057	K	STOP, TURN (INDICATOR) 12.8V 32/2CP S8	A	D.F. PLASTIC WEDGE
3057A	K	STOP, TURN (INDICATOR) 12.8V 32/2CP S8	B	D.F. PLASTIC WEDGE (AMBER)
3155	K	STOP, TURN (INDICATOR) 12.8V 1.44A 21CP S8	F	S.F. PLASTIC WEDGE
3156	K	STOP, TURN (INDICATOR) 12.8V 21.A 32CP S8	B	S.F. PLASTIC WEDGE
3156A	K	STOP, TURN (INDICATOR) 12.8V 21.A 32CP S8	D	S.F. PLASTIC WEDGE (AMBER)
3157	K	STOP, TURN (INDICATOR) 12.8V 32/3CP S8	AA	D.F. PLASTIC WEDGE
3157NA	K	STOP, TURN (INDICATOR) 12.8V 32/3CP S8	A	D.F. PLASTIC WEDGE (AMBER)
3423	L	COURTESY, HIGH (3RD BRAKE) 12V 5W T4	C	FESTOON CAP
3457	K	STOP, TURN 12.8/14V 2.2/.59A 40/3CP S8	A	D.F. PLASTIC WEDGE
3457NA	K	STOP, TURN 12.8/14V 2.2/.59A 40/3CP S8	C	D.F. PLASTIC WEDGE (AMBER)
3496	M	STOP, TURN (INDCTR) 12V 43/3CP HONDA T6	F	D.C. INDEX (BAY15D)
3497	M	STOP, TURN (INDCTR) 12.8V 45CP HONDA T6	C	S.C. BAYONET (BA15S)
3757A	K	FOG LAMP 12.8/14V 24/2.2CP S8	D	D.F. PLASTIC WEDGE (AMBER)
4114	K	DAYTIME RUNNING 14/14V 8.26W S8	C	D.F. PLASTIC WEDGE
4157	K	DAYTIME RUNNING 12.8/14V S8	B	D.F. PLASTIC WEDGE
4157A	K	DAYTIME RUNNING 12.8/14V S8	D	D.F. PLASTIC WEDGE (AMBER)
5007	O	STOP, TURN (INDICATOR) 12V .42A 4CP T6	D	S.C. BAYONET (BA15S)
6418	L	LICENSE, GLOVE, MAP 12V .4A 3.6CP T3 1/4	B	FESTOON CAP
7225	I	STOP, TURN (INDCTR) 12V 1.75/.33A 35CP S8	D	D.C. INDEX (BAZ15D)
7440	N	HIGH STOP (3RD BRAKE) 12V 21W T6 1/2	B	WEDGE
7443	N	HIGH STOP (3RD BRAKE) 12V 35/3W T6 1/2	A	WEDGE
DE3175	L	DOME, COURTESY 12V 10W T3 1/4	F	FESTOON CAP
L7506	I	STOP, TURN (INDCTR) 12V 1.75A 37CP S8	D	S.C. BAYONET (BA15S)

ALL MINIATURE BULBS ARE PACKED AND SOLD TEN (10) PER BOX

HEADLIGHT RESTORATION

40 VEHICLE HIGH DEFINITION LENS RESTORER KIT

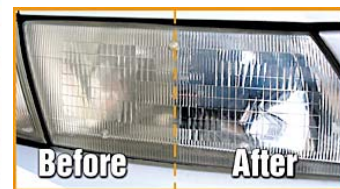


- * Restores up to 80 headlights (40 cars) using chemical free, nano abrasive technology
- * Works simply with a fully charged cordless or electric drill and a spray bottle of water
- * Kit includes: complete set of instructions, 12 polishing pads, 16 (150) grit resurfacing pads, 8 (600) grit pads, 2 drill mount plates, 8 ounces of polishing gel and 12 reusable detailing towels

IFA PART#	DESCRIPTION
HLR-500	40 VEHICLE KIT
HLR-200C	SINGLE USE KIT
BUP003	2 DRILL MOUNT PLATES
FPP150	24 (150) GRIT PAD REFILLS
FPP302	12 POLISHING PAD REFILLS
FPP600	24 (600) GRIT PAD REFILLS
PM1080	8 OUNCE GEL REFILL

* All items sold separately (except detailing towels)

SINGLE USE KIT



- * Works on exterior plastic lenses to restore "LIKE NEW" clarity, improving output/appearance
- * Each kit contains: lens polish & polishing cloth, 4 sandpapers, 1 pair latex gloves, and simple step-by-step instruction sheet (instructional video on-line)



IFA PART#
09135



SYLVANIA lighting for your car.

Halogen



Signal/Brake/Interior



Fog/Auxiliary



HALOGEN CAPSULES

SEE PAGE 117 FOR STYLE IDENTIFICATION

IFA PART#	STYLE ID#	GENERAL DESCRIPTION	POP CODE	BULB BASE STYLE
S9003EA	A	HIGH / LOW 12.8V 60/55W T4 5/8	A	PX43T-38
S9004EA	B	HIGH / LOW 12.8V 65/45W T4 5/8	A	AXIAL (P29T)
S9005EA	C	HIGH 12.8V 65W T4	A	RIGHT ANGLE (HB3)
S9006EA	C	LOW 12.8V 55W T4	AA	RIGHT ANGLE (HB4)
S9007EA	B	HIGH / LOW 12.8V 65/55W T4 5/8	AA	AXIAL (P29T)
S880EA	E	CORNERING, BACK-UP 12V 27W T3 1/4	C	AXIAL (PG13)
S881EA	F	CORNERING, BACK-UP 12V 27W T3 1/4	D	RIGHT ANGLE
S885EA	E	FOG 12V 50W T3 1/4	F	AXIAL (PG13)
S889EA	F	STOP, TURN 12V 27W T3 1/4	F	RIGHT ANGLE
S891EA	G	HIGH MOUNT STOP (3RD BRK) 12V 8W G4	D	G4 BI-PIN
S893EA	E	CORNERING 12.8V 37.5W T3 1/4	D	AXIAL (PG13)
S896EA	F	CORNERING 12V 37.5W T3 1/4	F	RIGHT ANGLE
SH1EA	H	FOG 12V 55W T2 1/2	B	P14.5S
SH3EA	J	FOG 12V 55W T3 1/4	B	PK22S
SH4EA	A	HIGH / LOW 12V 60/55W T4 5/8	B	P43T
SH7EA	K	FOG 12V 55W T4 5/8	AA	PX26D
SH8EA	L	FOG 12V 35W T4	F	PGJ19-1
SH9EA	L	HIGH 12V 65W T4	F	PGJ19-5
SH11EA	L	FOG, LOW 12V 55W T4	B	PGJ19-2

ALL HALOGEN BULBS ARE PACKED AND SOLD ONE (1) PER BOX

APPLICATION INFORMATION @ WWW.SYLVANIA.COM

MINIATURE BULBS

SEE PAGE 118 FOR STYLE IDENTIFICATION

IFA PART#	STYLE ID#	GENERAL DESCRIPTION	POP CODE	BULB BASE STYLE
S24TP	A	SIDEMARKER 14V .27A 2CP T2 3/4	C	WEDGE
S24NATP	A	SIDEMARKER 14V .27A 2CP T2 3/4	F	WEDGE (AMBER)
S53TP	B	INSTRUMENT 14.4V .12A 1CP G3 1/2	D	BAYONET (BA9S)
S57TP	C	INSTRUMENT 14V .24A 2CP G4 1/2	D	BAYONET (BA9S)
S67TP	D	LICENSE PLATE 13.5V .59A 4CP G6	B	S.C. BAYONET (BA15S)
S68TP	D	LICENSE PLATE 13.5V .59A 4CP G6	F	D.C. BAYONET (BA15D)
S74TP	E	INSTRUMENT 14V .1A .7CP T1 3/4	F	WEDGE
S89TP	D	INTERIOR, TRUNK 13V .58A 6CP G6	D	S.C. BAYONET (BA15S)
S90TP	D	INTERIOR, TRUNK 13V .58A 6CP G6	F	D.C. BAYONET (BA15D)
S97TP	D	SIDEMARKER 13V .58A 6CP G6	D	S.C. BAYONET (BA15S)

MINIATURE BULBS

SEE PAGE 118 FOR STYLE IDENTIFICATION

IFA PART#	STYLE ID#	GENERAL DESCRIPTION	POP CODE	BULB BASE STYLE
S168TP	E	PARKING, LICENSE PLATE 14V .35A 3CP T3 1/4	AA	WEDGE
S194TP	E	INSTRUMENT 14V .27A 2CP T3 1/4	AA	WEDGE
S194NATP	E	INSTRUMENT 14V .27A 2CP T3 1/4	A	WEDGE (AMBER)
S561TP	F	DOME, COURTESY 12.8V .97A 12CP T3	D	RIGID LOOP
S906TP	A	HIGH STOP (3RD BRAKE) 13V .69A 6CP T5	B	WEDGE
S912TP	A	HIGH STOP (3RD BRAKE) 12.8V 1A 12CP T5	A	WEDGE
S921TP	A	HIGH STOP (3RD BRAKE) 12.8V 1.4A 21CP T5	AA	WEDGE
S922TP	A	HIGH STOP (3RD BRAKE) 12.8V .98A 15CP T5	A	WEDGE
S1003TP	H	DOME, COURTESY 12.8V .94A 15CP B6	C	S.C. BAYONET (BA15S)
S1004TP	H	DOME, COURTESY 12.8V .94A 15CP B6	F	D.C. BAYONET (BA15D)
S1034TP	I	STOP, TURN (INDICATOR) 12.8/14V 32/4CP S8	D	D.C. INDEX (BAY15D)
S1073TP	I	HIGH STOP (3RD BRAKE) 12.8V 1.8A 32CP S8	F	S.C. BAYONET (BA15S)
S1141TP	I	BACK-UP 12.8V 1.44A 21CP S8	C	S.C. BAYONET (BA15S)
S1156TP	I	BACK-UP 12.8V 2.1A 32CP S8	A	S.C. BAYONET (BA15S)
S1156ATP	I	BACK-UP 12.8V 2.1A 32CP S8	C	S.C. BAYONET (BA15S) (AMB)
S1157TP	I	STOP, TURN (INDICATOR) 12.8/14V 32/3CP S8	A	D.C. INDEX (BAY15D)
S1157ATP	I	STOP, TURN (INDICATOR) 12.8/14V 32/3CP S8	B	D.C. INDEX (BAY15D) (AMBER)
S1816TP	G	INSTRUMENT, GLOVE 13V .33A 3CP T3 1/4	F	BAYONET (BA9S)
S1893TP	G	COURTESY 14V .33A 2CP T3 1/4	F	BAYONET (BA9S)
S1895TP	C	INSTRUMENT, GLOVE 14V .27A 2CP G4 1/2	F	BAYONET (BA9S)
S2057TP	I	STOP, TURN (INDICATOR) 12.8V 32/2CP S8	A	D.C. INDEX (BAY15D)
S2057ATP	I	STOP, TURN (INDICATOR) 12.8V 32/2CP S8	C	D.C. INDEX (BAY15D) (AMBER)
S211-2TP	J	DOME, COURTESY 12.8V .97A 12CP T3	C	MINIATURE CAP
S212-2TP	J	DOME, COURTESY 13.5V .74A 6CP T3	F	MINIATURE CAP
S2357TP	I	STOP, TURN (INDICATOR) 12.8V 40/3CP S8	C	D.C. INDEX (BAY15D)
S2357ATP	I	STOP, TURN (INDICATOR) 12.8V 40/3CP S8	D	D.C. INDEX (BAY15D) (AMBER)
S2825TP	E	SIDEMARKER 12V .4A 4CP T3 1/4	D	WEDGE
S3057TP	K	STOP, TURN (INDICATOR) 12.8V 32/2CP S8	A	D.F. PLASTIC WEDGE
S3057ATP	K	STOP, TURN (INDICATOR) 12.8V 32/2CP S8	B	D.F. PLASTIC WEDGE (AMBER)
S3155LLTP	K	STOP, TURN (INDICATOR) 12.8V 1.44A 21CP S8	F	S.F. PLASTIC WEDGE
S3156TP	K	STOP, TURN (INDICATOR) 12.8V 21.A 32CP S8	B	S.F. PLASTIC WEDGE
S3157TP	K	STOP, TURN (INDICATOR) 12.8V 32/3CP S8	AA	D.F. PLASTIC WEDGE
S3157ATP	K	STOP, TURN (INDICATOR) 12.8V 32/3CP S8	A	D.F. PLASTIC WEDGE (AMBER)
S3457TP	K	STOP, TURN 12.8/14V 2.2/.59A 40/3CP S8	A	D.F. PLASTIC WEDGE
S3457ATP	K	STOP, TURN 12.8/14V 2.2/.59A 40/3CP S8	C	D.F. PLASTIC WEDGE (AMBER)
S3496TP	M	STOP, TURN (INDCTR) 12V 43/3CP HONDA T6	F	D.C. INDEX (BAY15D)
S3497TP	M	STOP, TURN (INDCTR) 12.8V 45CP HONDA T6	C	S.C. BAYONET (BA15S)
S3757ALLTP	K	FOG LAMP 12.8/14V 24/2.2CP S8	D	D.F. PLASTIC WEDGE (AMBER)
S4157LLTP	K	DAYTIME RUNNING 12.8/14V S8	B	D.F. PLASTIC WEDGE
S4157ALLTP	K	DAYTIME RUNNING 12.8/14V S8	D	D.F. PLASTIC WEDGE (AMBER)
S5007TP	O	STOP, TURN (INDICATOR) 12V .42A 4CP T6	D	S.C. BAYONET (BA15S)
S6418TP	L	LICENSE, GLOVE, MAP 12V .4A 3.6CP T3 1/4	B	FESTOON CAP
S7440TP	N	HIGH STOP (3RD BRAKE) 12V 21W T6 1/2	B	WEDGE
S7443TP	N	HIGH STOP (3RD BRAKE) 12V 35/3W T6 1/2	A	WEDGE

ALL MINIATURE BULBS ARE PACKED AND SOLD TEN (10) PER BOX

APPLICATION INFORMATION @ WWW.SYLVANIA.COM

***** PLEASE REMEMBER TO SPECIFY SYLVANIA LIGHT BULBS WHEN ORDERING *****

SEALED BEAMS



* All sealed beams are sold individually

INCANDESCENT SEALED BEAMS

IFA PART#	GENERAL DESCRIPTION	POP CODE	BULB STYLE
4651	RECTANGULAR HIGH BEAM	C	2 CONTACT LUGS
4652	RECTANGULAR LOW BEAM	D	3 CONTACT LUGS
6014	ROUND HIGH, LOW BEAM	F	3 CONTACT LUGS
6052	ROUND HIGH, LOW BEAM	D	3 CONTACT LUGS

HALOGEN SEALED BEAMS

IFA PART#	GENERAL DESCRIPTION	POP CODE	BULB STYLE
H4351	RECTANGULAR LOW MINIATURE QUAD BEAM	D	RIGHT ANGLE PLASTIC BASE
H4352	RECTANGULAR HIGH MINIATURE QUAD BEAM	F	RIGHT ANGLE PLASTIC BASE
H4651	RECTANGULAR HIGH BEAM	C	2 CONTACT LUGS
H4656	RECTANGULAR LOW BEAM	B	3 CONTACT LUGS
H4701	RECTANGULAR HIGH BEAM	F	2 CONTACT LUGS
H4703	RECTANGULAR LOW BEAM	C	2 CONTACT LUGS
H5001	ROUND HIGH BEAM	F	2 CONTACT LUGS
H5006	ROUND LOW BEAM	F	3 CONTACT LUGS
H6024	ROUND HIGH, LOW BEAM	C	3 CONTACT LUGS
H6054	RECTANGULAR HIGH, LOW BEAM	A	3 CONTACT LUGS
H6545	RECTANGULAR HIGH, LOW BEAM	B	3 CONTACT LUGS

HALOGEN HIGH INTENSITY BLUE - HEADLAMPS



The Image...
The Look...

* Quality made to industry standards

* Cool, white reflection makes road markings/signs clearer, more visible

*** DOT APPROVED ***

IFA PART#	STYLE ID#	GENERAL DESCRIPTION	BULB STYLE
HIB9003	A	HIGH / LOW BEAM	PX43T-38
HIB9004	B	HIGH / LOW BEAM	AXIAL (P29T)
HIB9005	C	HIGH BEAM	RIGHT ANGLE (HB3)
HIB9006	C	LOW BEAM	RIGHT ANGLE (HB4)
HIB9007	B	HIGH / LOW BEAM	AXIAL (P29T)



LICENSE LAMP



* Bulb included (#67)

* Sold individually

IFA PART#
41708

FLASHER



* Car and light truck

* 2 prong

IFA PART#
552

FUEL CAPS

FOR ORDERS OR QUESTIONS - TOLL FREE

PH: 1-800-872-2333 FAX: 1-800-569-6412

123

FRAM®

- * Many states now require fuel cap testing as part of their emission testing programs
- * Quick and easy installation



STANDARD FUEL CAPS

<p>IFA PART# 10623 VENTED</p> <p>GENERAL DESCRIPTION 76-80 INTERNATIONAL, 69-78 CHEVY, GMC</p>		<p>IFA PART# 10702</p> <p>GENERAL DESCRIPTION 78-80 FORD, 70-76 FORD TRK</p>	
<p>IFA PART# 10725</p> <p>GENERAL DESCRIPTION 80-82 CHEVY, GMC, 81-87 ISUZU, 71-86 MAZDA</p>		<p>IFA PART# 10742</p> <p>GENERAL DESCRIPTION 72-78 CHEVY, GMC TRUCK, 75-80 DODGE, 74-77 PLY TRK</p>	
<p>IFA PART# 10800</p> <p>GENERAL DESCRIPTION 73-78 CHEVY, GMC TRUCK, 74-81 DODGE, 78-81 PLY TRK</p>		<p>IFA PART# 10806</p> <p>GENERAL DESCRIPTION 70-88 AMC, 97-04 ASTON, 76-89 SUBARU, 67-89 TOY</p>	
<p>IFA PART# 10807</p> <p>GENERAL DESCRIPTION 66-79 CHRYS, 65-79 DODGE, 64-74 OLDS, 66-78 PLYM</p>		<p>IFA PART# 10810</p> <p>GENERAL DESCRIPTION 68-04 BMW, 76-96 JAGUAR, 71-04 MERCEDES, 82-88 VW</p>	
<p>IFA PART# 10811</p> <p>GENERAL DESCRIPTION 77-91 JEEP TRUCK</p>		<p>IFA PART# 10817</p> <p>GENERAL DESCRIPTION 78-04 DODGE, 03-04 FRD TRK, 84-01 JEEP, NISS, 02-04 TOY</p>	
<p>IFA PART# 10818</p> <p>GENERAL DESCRIPTION 79-88 FORD TRUCK</p>		<p>IFA PART# 10819 VENTED</p> <p>GENERAL DESCRIPTION 99-04 CHVY, GM, 78-04 DDGE 80-04 FORD, 98-04 MERCED</p>	
<p>IFA PART# 10821</p> <p>GENERAL DESCRIPTION 80-88 FORD TRUCK</p>		<p>IFA PART# 10825</p> <p>GENERAL DESCRIPTION 96-04 CHEVY, GMC TRUCK, 86-04 HYUN, 95-04 SUZUKI</p>	
<p>IFA PART# 10826</p> <p>GENERAL DESCRIPTION 97-99 CADLAC, 86-96 MZDA, 71-04 PORSCHE, 93-98 SAAB</p>		<p>IFA PART# 10832</p> <p>GENERAL DESCRIPTION 96-04 FORD, 00-04 JAGUAR, 98-04 LINC, 96-05 MERCRY</p>	

STANDARD FUEL CAPS

<p>IFA PART# 10833</p> <p>GENERAL DESCRIPTION 01 FORD TRUCK, 96-97 FORD TRUCK</p>		<p>IFA PART# 10834</p> <p>GENERAL DESCRIPTION 99-04 CADLLAC, 97-04 CHVY, 90-03 HONDA, 99-04 TOYOTA</p>	
<p>IFA PART# 10835</p> <p>GENERAL DESCRIPTION 88-04 AUDI, 84-03 VW, 95-03 VW TRUCK</p>		<p>IFA PART# 10836</p> <p>GENERAL DESCRIPTION 97-04 CHEVY, 97-04 OLDS, 97-04 PONTIAC, 98-04 SAT</p>	
<p>IFA PART# 10837</p> <p>GENERAL DESCRIPTION 98-03 FORD, 03-04 MAZDA, 04 MITSUBISHI, NISSAN</p>		<p>IFA PART# 10838</p> <p>GENERAL DESCRIPTION 98-04 CHRYS, 99-04 DODGE, 01-03 MITS, 00-03 NISSAN</p>	

LOCKING FUEL CAPS



- * With record breaking gasoline prices throughout the nation, fuel theft and vandalism are on the rise! Help protect your customers fuel tank with this added security
- * Each cap comes with two (2) keys, specially labeled "GAS", which helps separate their identity from other automotive and household keys
- * Locking caps also keep fuel from evaporating and help keep contaminants out

IFA PART#	GENERAL DESCRIPTION
RG501	FORD, CHEVY, GM (VENTED)
RG504	CHEVY, GMC, HONDA, TOYOTA
RG505	AUDI, VOLKSWAGEN, VOLKSWAGEN TRUCK
RG506	BUICK, CHEVY, OLDSMOBILE, PONTIAC
RG507	FORD, MITSUBISHI, NISSAN, PLYMOUTH
RG508	CHRYSLER, DODGE, JEEP
RG791	GM, FORD, MITSUBISHI, NISSAN, TOYOTA
RG795	CHEVY, HYUNDAI, SUZUKI, TOYOTA



IGNITION COILS



<p>GENERAL DESCRIPTION 86-09 BUICK 87-05 CHEVROLET 87-08 PONTIAC</p> <p>IFA PART# DR39</p>
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<p>GENERAL DESCRIPTION 97-08 FORD 98-07 LINCOLN 02-07 MERCURY</p> <p>IFA PART# FD503</p>
--



BOSCH PLATINUM + 4



- * **REVOLUTIONARY FIRING TECHNOLOGY**
Provides multiple spark paths and delivers the most powerful spark
- * **FOUR GROUND ELECTRODES**
Provides optimal access to the air/fuel mixture for the most efficient combustion and a longer performance life
- * **FOUR TIMES THE AMOUNT OF PURE PLATINUM TECHNOLOGY**
Only Bosch uses a pure platinum center electrode that is heat-fused to reach its self-cleaning temperature faster, for smoother acceleration, top fuel efficiency and optimum engine performance
- * **NEVER REQUIRES GAPPING**
The electrode gap is factory-set and NEVER requires adjustment



IFA PART#	POP CODE	IFA PART#	POP CODE
4417	A	4458	A
4418	A	4459	A
4419	B	4469	A
4428	B	4477	C
4448	C	4478	A
4449	A	4479	A
4457	D		



*All part numbers are 4 per box

BOSCH PLATINUM + 2



- * **REVOLUTIONARY FIRING TECHNOLOGY**
Multiple spark paths that deliver a longer, more powerful spark
- * **TWO GROUND ELECTRODES**
Provides optimal access to the air/fuel mixture for more efficient combustion and a longer performance life
- * **DOUBLE THE PURE PLATINUM**
Double the amount of pure platinum in the center electrode versus Bosch Platinum for optimum engine performance, smoother acceleration and better mileage
- * **NEVER REQUIRES GAPPING**
The electrode gap is factory-set and NEVER requires adjustment



IFA PART#	POP CODE	IFA PART#	POP CODE
4301	A	4309	A
4303	A	4313	C
4304	A	4314	C
4308	A		
4312	B		



*All part numbers are 4 per box

BOSCH

BOSCH PLATINUM PLUS



* **THE BEST SELLING SPARK PLUG IN THE MARKET IT ONCE CREATED**

* **LOWER IGNITION VOLTAGE REQUIREMENT**

Provides reliable starting in hot and cold weather extremes and produces a more reliable spark at higher rpm's without misfire

* **PURE PLATINUM PLUS TECHNOLOGY**

Bosch Platinum Plus features a tapered, yttrium enhanced, pure platinum center electrode that extends the life by 25% versus the original Bosch Platinum, reducing electrode temperature for quicker starts, top fuel efficiency, and smoother acceleration

* **FACTORY GAP SET**

Once the proper gap is set, there is no need to re-gap as the electrode gap remains virtually unchanged throughout its longer performance life



BETTER

*All part numbers are 4 per box

BOSCH



IFA PART#	POP CODE	PLUG#	IFA PART#	POP CODE	PLUG#
4000	D	DR9BPX+	4016	C	WR7DP+
4001	AA	FR7DPX+	4017	C	WR7DPX+
4002	AA	FR8DPX+	4018	B	WR8DP+
4003	A	FR9HP+	4019	B	WR8DPX+
4004	C	HR8BP+	4020	C	WR9DP+
4005	AA	HR8DPX+	4021	B	WR9DPX+
4006	B	HR9APX+	4024	B	HR8BPX+
4007	A	HR9BP+	4027	D	F6DP+
4008	B	HR9BPX+	4029	C	FR8HPO+
4009	C	HR9BPY+	4030	AA	FR8LPX+
4010	D	HR9BPZ+	4031	D	HR6DP+
4011	A	HR9DPX+	4035	D	WR8CP+
4012	A	HR9HPO+	4036	D	WR9FP+
4013	AA	HR9LPX+	4037	A	WR9LP+
4015	D	WR7CPX+	4041	AA	HR9DPY+

BOSCH SPARK PLUG ELECTRODE STYLES



SUPER PLUS



PLATINUM PLUS



PLATINUM +2



PLATINUM +4

BOSCH

BOSCH SUPER PLUS



GREAT

*All part numbers are 4 per box

* THIS COPPER CORE SPARK PLUG FEATURES BOSCH'S HERITAGE OF SPARK PLUG ENGINEERING AND EXCELLENCE

The heavy-duty, yttrium enhanced center electrodes, nickel plated rolled threads, and a five-rib insulator provide Bosch Super Plus Spark Plugs with consistent performance over a long service life, complete anti-seize and corrosion protection, and reliable protection against current leakage (50% longer service life vs. even OE plugs)

IFA PART#	POP CODE	PLUG#	IFA PART#	POP CODE	PLUG#
7900	A	WR7DC+	7971	AA	HR8DCX+
7902	A	WR8AC+	7972	B	HR9AC+
7903	D	WR8BC+	7973	D	HR9ACY+
7904	D	WR8CC+	7974	D	HR9LCY+
7905	C	WR8DC+	7975	AA	HR9BC+
7907	AA	WR8DCX+	7976	C	HR9BCY+
7908	D	WR8EC+	7978	A	HR9DC+
7909	C	WR8LCR+	7979	B	HR9DCX+
7911	C	WR9DC+	7980	AA	HR9DCY+
7913	A	WR9DCX+	7981	AA	HR9HC+
7914	D	WR9DCY+	7982	B	HR9LCX+
7915	D	WR9EC+	7983	D	HR10AC+
7916	C	WR9FC+	7985	C	HR10BC+
7918	D	HR7DC+	7986	AA	HR10BCX+
7919	D	WR10FC+	7987	B	HR10BCY+
7920	D	WR10FCY+	7988	D	HR10BCZ+
7921	D	WR10FCZ+	7989	D	HR10DCX+
7922	C	WR10LC+	7990	A	HR10HC+
7923	B	WR10LCV+	7995	D	WR6DC+
7925	B	FR8HCX+	7998	D	WR7CC+
7926	AA	FR9LCX+	7999	D	WR7CCX+
7927	AA	FR8DC+			
7950	D	DR8BC+			
7951	C	DR10BC+			
7952	C	DR10GC+			
7953	B	FR6DCX+			
7955	B	FR7DC+			
7956	AA	FR7DCX+			
7957	AA	FR8DCX+			
7958	C	FR8DCY+			
7959	D	FR8LC+			
7961	AA	FR9HC+			
7962	AA	FR8LCX+			
7963	B	FR10DCX+			
7964	D	HR6BC+			
7966	C	HR6DC+			
7968	D	HR8AC+			
7969	C	HR8BC+			
7970	D	HR8DC+			



BOSCH

FOR ADDITIONAL
BOSCH
SALES MATERIALS

POP ITEMS
CABINETS
CATALOGS

GO TO THE
CUSTOMER CARE
SECTION

PAGES 284-287

AUTOLITE

AUTOLITE DOUBLE PLATINUM



- * High Nickel Chrome Alloy Side Electrode
- * Full platinum tips
- * Necked-down center electrode
- * Full Copper Core Center Electrode

*All part numbers are 4 per box

- * Features platinum-to-platinum firing
- * Virtually eliminates gap erosion, reduces misfires, and provides 100K mile durability
- * It's the superior-performing spark plug providing preferred technology for DIS engines (Guaranteed for 5 years)

IFA PART#	POP CODE	IFA PART#	POP CODE
APP23	C	APP646	D
APP24	D	APP666	D
APP25	C	APP764	A
APP26	D	APP765	B
APP45	D	APP985	D
APP46	D	APP2544	D
APP63	D	APP2545	B
APP64	D	APP3923	AA
APP65	D	APP3924	AA
APP103	A	APP5144	B
APP104	A	APP5224	A
APP105	C	APP5245	B
APP106	D	APP5263	A
APP145	D	APP5325	C
APP605	AA	APP5364	B
APP606	A	APP5503	D

AUTOLITE PLATINUM



- * High nickel alloy side electrode maintains precise gap
- * Full platinum tip assures virtually no gap erosion
- * Necked-down center electrode fires quicker, cleaner with less voltage for easier starts, quicker acceleration & improved fuel

*All part numbers are 4 per box

- * Provides a center wire platinum firing tip
- * Benefits include: reduced gap erosion, fewer misfires, better performance and more durability (Guaranteed for 3 years)

IFA PART#	POP CODE	IFA PART#	POP CODE
AP23	C	AP606	A
AP24	B	AP646	B
AP25	B	AP666	D
AP26	C	AP765	B
AP45	D	AP847	D
AP46	D	AP985	B
AP63	D	AP3923	AA
AP64	D	AP3924	AA
AP65	C	AP5125	B
AP66	C	AP5144	B
AP103	A	AP5145	B
AP104	AA	AP5184	C
AP105	C	AP5224	AA
AP106	B	AP5245	A
AP145	D	AP5263	A
AP605	A	AP5503	C

AUTOLITE

AUTOLITE STANDARD COPPER CORE



- * Copper-glass seal bonds insulator, terminal post center electrode together; assures full required voltage at spark gap; gas-tight seal (100% leak proof)
- * Multi-rib insulator reduces danger of "flash-over"
- * One-piece terminal post adds strength
- * Resistor reduces radio frequency interference and electrode erosion
 - * Cold-formed steel shell precision rolled threads
 - * Full copper core electrode provides better performance in all conditions
- * Guaranteed to deliver quick starts, good fuel economy and smooth acceleration
- * Autolite® Copper Core plugs are your industry standard

*All part numbers are 4 per box

IFA PART#	POP CODE	IFA PART#	POP CODE	IFA PART#	POP CODE	IFA PART#	POP CODE
23AL	D	106AL	B	437AL	D	2744AL	D
24AL	B	124AL	D	605AL	AA	3923AL	AA
25AL	AA	144AL	D	606AL	A	3924AL	AA
26AL	A	145AL	C	646AL	B	3926AL	B
45AL	D	147AL	D	666AL	C	5125AL	C
46AL	D	275AL	D	685AL	D	5143AL	D
63AL	B	295AL	D	764AL	A	5144AL	B
64AL	A	303AL	D	765AL	A	5184AL	C
65AL	B	306AL	D	766AL	D	5224AL	A
66AL	C	403AL	D	847AL	D	5243AL	D
85AL	D	404AL	D	985AL	C	5245AL	B
86AL	C	405AL	D	2544AL	D	5285AL	D
103AL	A	414AL	D	2545AL	B	5503AL	B
104AL	A	425AL	D	2546AL	D		

SPARK PLUG TOOLS



NGK

Standard



The workhorse, at the heart of smooth-running engines around the world

- * OEM QUALITY
- * TRIPLE-GASKET SEALING PROCESS
- * CONSISTENT PERFORMANCE
- * PLUG OF CHOICE IN MILLIONS OF VEHICLES



GOOD

V-POWER



Economical performance and improved ignitability over standard plugs

- * LOWERS IGNITION SYSTEM VOLTAGE REQUIREMENTS
- * "TRIVALENT METAL PLATING" HAS SUPERIOR ANTI-CORROSION AND ANTI-SEIZING PROPERTIES
- * INCREASED FUEL ECONOMY AND LOWER EMISSIONS
- * DURABLE AGAINST ELECTRICAL AND CHEMICAL WEAR
- * GOOD PERFORMANCE SPARK PLUG



GREAT



G-POWER



Improved Fuel Efficiency, Lower Emissions, Quicker Starts

- * FINE PLATINUM TIP REDUCES REQUIRED VOLTAGE
- * EXTREMELY DURABLE UNDER HIGH HEAT
- * "TRIVALENT METAL PLATING" HAS SUPERIOR ANTI-CORROSION AND ANTI-SEIZING PROPERTIES
- * FASTER STARTS AND QUICKER ACCELERATION
- * BEST PLATINUM SPARK PLUG AT ECONOMICAL \$\$\$



BEST

NGK IRIIDIUM IX



Designed specifically for the performance enthusiast offering extreme ignitability and superior anti fouling

- * FINE IRIIDIUM TIP ENSURES HIGH DURABILITY AND A CONSISTENTLY STABLE SPARK
- * IRIIDIUM ALLOY HAS EXTREMELY HIGH MELTING POINT, PERFECT FOR TODAY'S HIGH-TECH ENGINES
- * ULTIMATE DESIGN, PERFORMANCE



BETTER

LASER PLATINUM



Best Platinum spark plug available!

- * LASER WELDED PLATINUM CENTER ELECTRODE TIP
- * PLATINUM DISC WELDED TO BACKSIDE OF GROUND ELECTRODE PROVIDES LONG SERVICE LIFE
- * FASTER STARTS AND QUICKER ACCELERATION
- * OEM APPROVED DESIGN



VERY BEST



THE WORLD LEADER

SPARK PLUGS

FOR ORDERS OR QUESTIONS - TOLL FREE

PH: 1-800-872-2333 FAX: 1-800-569-6412

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NGK

STYLE KEY: S = STANDARD, VP = V-POWER, GP = G-POWER, IX = IRIIDIUM IX, LP = LASER PLATINUM

IN () = QUANTITY PER BOX

IFA PART#	STYLE	POP CODE	PLUG#	IFA PART#	STYLE	POP CODE	PLUG#
1034NGK	S (4)	D	BP7ES	4589NGK	LP (4)	B	IFR6T11
1041NGK	VP (4)	B	ZFR6A-11	4919NGK	IX (4)	D	BCPR6EIX-11
1128NGK	S (10)	C	BPR6EKN	5017NGK	GP (4)	D	LZTR4AGP
1233NGK	VP (4)	D	BPR5EY	5018NGK	GP (4)	B	LF5R5AGP
1266NGK	VP (4)	D	BCPR5EY	5155NGK	VP (4)	C	FR4
1273NGK	VP (4)	D	BCPR5E-11	5370NGK	S (4)	D	BUR4EB-11
2087NGK	VP (4)	AA	BKR5EYA	5464NGK	IX (4)	C	BKR5EIX-11
2115NGK	IX (4)	C	BPR5EIX-11	5553NGK	S (4)	B	BKR6ES-11
2238NGK	VP (4)	D	TR5	5584NGK	VP (4)	D	ZFR5J-11
2249NGK	S (10)	D	BKR6EYA	5632NGK	VP (4)	C	BCPR6E-11
2262NGK	VP (4)	AA	ZFR5F-11	6240NGK	LP (4)	B	PLFR5A-11
2313NGK	IX (4)	D	LZTR4AIX-11	6261NGK	VP (4)	C	BPR6EY-11
2314NGK	IX (4)	C	LZTR5AIX-13	6262NGK	VP (4)	D	BCPR6EY-11
2382NGK	S (4)	A	BKR5ES-11	6371NGK	LP (4)	D	FR5AP-10
2438NGK	VP (4)	C	WR5	6376NGK	S (10)	B	LF5R5A-11
2441NGK	VP (4)	C	BCPR5EY-11	6441NGK	IX (4)	C	ZFR6FIX-11
2460NGK	S (10)	D	BKR5ES	6458NGK	LP (4)	D	PFR6Q
2477NGK	IX (4)	C	ZFR5FIX-11	6630NGK	VP (4)	D	UR4
2526NGK	VP (4)	C	BKR5EYA-11	6696NGK	S (4)	C	BCPR5ES-11
2635NGK	VP (4)	D	GR4	6779NGK	S (4)	C	BCPR6ES-11
2647NGK	LP (4)	B	PFR5G-11	6937NGK	VP (4)	B	BPR5EY-11
2756NGK	VP (4)	AA	BKR6E-11	6945NGK	VP (4)	C	UR45
2771NGK	VP (4)	D	UR5	6953NGK	VP (4)	AA	BKR5E-11
2978NGK	LP (4)	A	BKR6EP-11	6962NGK	VP (4)	D	BKR6E
3199NGK	LP (4)	D	BKR6EQUP	6994NGK	LP (4)	C	IZFR6K11
3306NGK	IX (4)	D	BCPR5EIX-11	7052NGK	VP (4)	C	YR5
3332NGK	VP (4)	C	XR5	7088NGK	GP (4)	C	BCPR6EGP
3350NGK	LP (4)	B	BCPR6EP-11	7090NGK	GP (4)	A	BKR5EGP
3381NGK	GP (4)	C	LZTR5AGP	7092NGK	GP (4)	A	BKR6EGP
3403NGK	GP (4)	C	TR55GP	7098NGK	GP (4)	A	ZFR5FGP
3452NGK	LP (4)	D	BKR6EKPB-11	7100NGK	GP (4)	B	ZFR6FGP
3584NGK	S (10)	A	BKR6EKUB	7131NGK	S (4)	C	BPR6ES
3696NGK	VP (4)	D	BKR6EY	7133NGK	S (4)	C	BPR6ES-11
3754NGK	VP (4)	D	TR4	7164NGK	IX (4)	D	TR55IX
3764NGK	IX (4)	C	BKR6EIX-11	7222NGK	S (4)	D	BPR4ES
3951NGK	VP (4)	D	TR55	7252NGK	VP (4)	C	FR5-1
3967NGK	VP (4)	A	BKR5EKB-11	7333NGK	S (4)	D	BP6ES
4043NGK	VP (4)	D	ZFR4F-11	7373NGK	VP (4)	D	FR5
4055NGK	IX (4)	C	BPR7EIX	7390NGK	VP (4)	D	BKR5EY
4177NGK	VP (4)	C	TR6	7492NGK	S (10)	D	Y-146R
4212NGK	LP (4)	D	ILFR6G-E	7534NGK	S (4)	D	B6HS
4268NGK	VP (4)	D	GR45	7632NGK	S (4)	D	BPR5EA-L
4291NGK	VP (4)	A	ZFR6F-11	7634NGK	S (4)	B	BPR5ES-11
4306NGK	VP (4)	C	LZTR5A-13	7734NGK	S (4)	C	BPR5ES
4363NGK	LP (4)	B	PZFR5F-11	7746NGK	LP (4)	D	IFR7G-11KS
4435NGK	VP (4)	C	ZFR5E-11	7832NGK	S (4)	D	BP5ES
4469NGK	IX (4)	B	LF5R5AIX-11	7938NGK	VP (4)	D	BKR5E

Count on NGK to save you time and money!

NGK**NGK SPARK PLUG WIRE SETS**

- * Built to meet stringent OEM tolerances for a variety of vehicles
 - * Superior Firing and Fuel Savings
 - * Outstanding Durability
 - * Consistent Performance
 - * Excellent Noise Suppression
- * NGK Resistor Spark Plug Wire Sets utilize a construction method known as "variable pitch" wire winding to create resistance to radio frequency interference, providing suppression throughout a very wide range by "scrambling" and breaking up the electrical waves radiated by the firing of the spark plugs
- * Custom designed terminal boots provide exact fit (not universal like other major wire manufacturers)
- * Fitted with corrosion resistant Stainless Steel terminal ends for tight fit and maximum resistance to vibration and separation
- * Numbered for easy cylinder identification and coil wires are color coded for correct and easy installation

IFA PART#	POP CODE	GENERAL DESCRIPTION	WIRE SET#
4412NGK	A	95-03 TOYOTA V6 3.4L (5VZFE)	TE66
7783NGK	A	96-03 LEXUS, 96-03 TOYOTA V6 3.0L (1MZFE)	TE65
8028NGK	A	97-99 ACURA CL, 94-02 HONDA ACCORD 4CYL	HE73
8034NGK	A	97-00 ACURA EL, 92-00 HONDA CIVIC 4CYL	HE76
8044NGK	A	97-99 ACURA CL, 98-99 HONDA ACCORD V6	HE86
8113NGK	A	97-00 INFINITI QX4, 96-04 NISSAN V6 3.3L	NX14
9428NGK	A	90-91 HONDA ACCORD 4CYL 2.2L	HE57
9988NGK	A	88-91 HONDA CRV, 88-91 HONDA CIVIC	HE53

MORE INFORMATION @ WWW.NGKSPARKPLUGS.COM

UNIVERSAL CV BOOT KIT

- * Soft and pliable boot holds the lubricant in and keeps water, dirt and debris from entering the CV joint
- * Comes with a special silicone-based grease that covers the CV joint
- * Fits 90% of domestic and import cars
- * Includes heavy duty band clamp

IFA PART#
UF2001



BOSCH



Tune-Up for Lower Emissions and Greater Fuel Economy

Replacing a worn-out oxygen sensor:

- * Saves money in fuel costs
- * Improves engine performance
- * Reduces air pollution
- * Prevents premature failure of the catalytic converter

BOSCH

Stock Fewer Numbers with
Bosch Universal Sensors!!!

UNIVERSAL TYPE SENSORS

IFA PART#	POP	TYPE	DESCRIPTION	MILEAGE REPLACE
11027	AA	1 WIRE UNHEATED	47 MAKES, 100'S OF MODELS FROM 1977-2002	50,000
12031	A	1 WIRE UNHEATED	CHEVY, GEO, HYUNDAI, LEXUS, TOYOTA	50,000
12210	B	2 WIRE UNHEATED	GEO PRIZM, HYUNDAI SCOUPE, TOYOTA	50,000
15726	B	3 WIRE HEATED	17 MAKES, 100'S OF MODELS FROM 1984-2004	60,000
15729	B	4 WIRE HEATED	15 MAKES, 100'S OF MODELS FROM 1988-2005	60,000
15730	B	4 WIRE HEATED	29 MAKES, 100'S OF MODELS FROM 1989-2005	60,000
15733	A	4 WIRE PLANAR	34 MAKES, 100'S OF MODELS FROM 1991-2005	100,000
15735	B	3 WIRE HEATED	15 MAKES (IMPORTS) FOR PRE 1998	100,000

ORIGINAL EQUIPMENT TYPE (OE) SENSORS

IFA PART#	POP	TYPE	DESCRIPTION	MILEAGE REPLACE
12014	AA	1 WIRE UNHEATED	POPULAR GM 1980-1998	30,000
12028	B	2 WIRE UNHEATED	GM 1979-1995	30,000
13007	B	4 WIRE PLANAR	1999 ACURA TL, 1993-2000 HONDA CIVIC	100,000
13077	B	3 WIRE HEATED	CHEVY, GMC, OLDS, PONTIAC 1990-1995	60,000
13100	B	4 WIRE HEATED	CHRYSLER, DODGE, JEEP, PLY 1996-2002	100,000
13117	B	4 WIRE PLANAR	FORD, LINCOLN, MAZDA, MERCURY 1996-2005	100,000
13127	B	4 WIRE HEATED	FORD, LINCOLN MARK, MERCURY 1994-2002	100,000
13133	B	4 WIRE HEATED	FORD, LINCOLN, MAZDA, MERCURY 1995-2001	100,000
13275	A	4 WIRE HEATED	CHRYSLER, DODGE, EAGLE, JEEP, PLY 89-1997	60,000
13280	B	4 WIRE HEATED	CHRYSLER, DODGE, JEEP 1996-2003	100,000
13444	B	4 WIRE HEATED	BUICK, CADILLAC, GM, OLDS 1996-2005	100,000
13474	A	4 WIRE HEATED	POPULAR GM 1996-2003	100,000
13942	B	3 WIRE HEATED	FORD, LINCOLN, MAZDA, MERCURY 1986-1994	60,000
15703	A	4 WIRE HEATED	POPULAR GM 1993-2003	100,000
15704	B	4 WIRE HEATED	CHRYSLER, DODGE, EAGLE, JEEP, MITS 90-00	100,000
15705	A	4 WIRE HEATED	CHRYSLER, DODGE, EAGLE, JEEP, PLY 95-2002	100,000
15716	A	4 WIRE HEATED	FORD, LINCOLN, MAZDA, MERC SM HARNESS	100,000
15717	A	4 WIRE HEATED	FORD, LINCOLN, MAZDA, MERC MD HARNESS	100,000
15718	A	4 WIRE HEATED	FORD, LINCOLN, MAZDA, MERC LG HARNESS	100,000

CALL 1-800-872-2333 FOR ADDITIONAL **BOSCH** OXYGEN SENSOR PART #'S AND INFORMATION

NGK / NTK



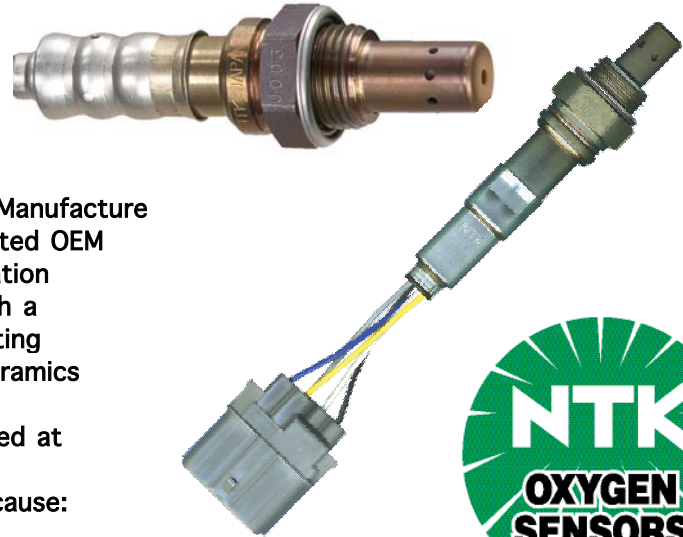
World's Largest Supplier
and Manufacturer of
Original Equipment (OE)
Oxygen Sensors

Each NTK Oxygen Sensor is:

- * Extensively Tested During Manufacture
- * Supplied With a Factory-Fitted OEM Connector for Easy Installation
- * Precision manufactured with a sensing element incorporating NTK's premier technical ceramics

Oxygen sensors should be tested at each tune-up because failed or worn out oxygen sensors can cause:

- * Failed Emission Tests
- * Increased Fuel Consumption
- * Failed Catalytic Converters
- * Poor Driveability
- * Increased Emissions



OEM QUALITY AND RELIABILITY

IFA PART#	POP	TYPE	DESCRIPTION
21002	A	1 WIRE NON-FLANGED	POPULAR GM 1979-1996
21003	A	3 WIRE NON-FLANGED	GM 1990-1995
21006	A	4 WIRE NON-FLANGED	GM 1993-2004
21539	A	4 WIRE NON-FLANGED	GM 1996-2004
22013	A	3 WIRE NON-FLANGED	FORD, LINCOLN, MAZDA, MERCURY 1986-1995
22016	A	4 WIRE NON-FLANGED	FORD, MERCURY 1993-2002
22060	A	4 WIRE NON-FLANGED	FORD, LINCOLN, MAZDA, MERCURY 1998-2005
22500	A	4 WIRE NON-FLANGED	FORD, JAGUAR, LINCOLN, MAZDA, MERCURY 1990-2005
23023	A	4 WIRE NON-FLANGED	CHRYSLER, DODGE, EAGLE, JEEP, MITSUBISHI 1990-1999

ALL NGK/NTK OXYGEN SENSORS LISTED ARE OE TYPE SENSORS

CALL 1-800-872-2333 FOR ADDITIONAL  OXYGEN SENSOR PART #'S AND INFORMATION

INSTRUCTIONS FOR HANDLING ALL OXYGEN SENSORS

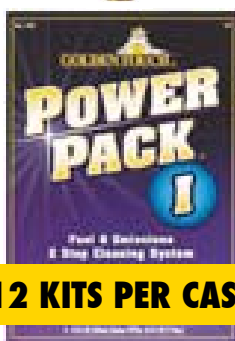
- * DO NOT drop or use an oxygen sensor that has been dropped as this may have caused shock damage to the ceramic element
- * DO NOT use any compounds on or around the sensor unless labeled as oxygen sensor friendly products
- * DO NOT use impact wrench or conventional socket type wrench to install sensor
- * DO NOT allow sensor or lead wire to touch exhaust manifold or any other hot component
- * DO NOT expose this product to water, oil, windshield cleaner, anti-corrosion oil, grease, terminal cleaner, etc.
- * DO NOT use leaded fuels, silicone or metal based additives
- * DO NOT store under high humidity conditions

GOLD EAGLE / GOLDEN TOUCH



OUR BRANDS MAKE ENGINES GO...AND KEEP THEM GOING

GOLDEN TOUCH - FUEL SYSTEM SOLUTIONS



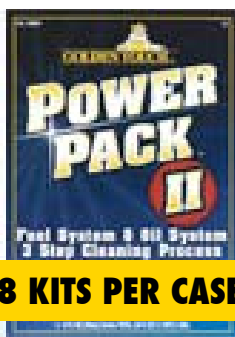
12 KITS PER CASE

IFA PART#
1637

FUEL AND EMISSIONS CLEANING SYSTEM - 2 STEP

- * Thoroughly cleans fuel injectors, intake valve, PCV valve, fuel lines, fuel pump, and combustion chamber
- * Restores horsepower, engine performance, and gas mileage
- * Safe for oxygen sensors and catalytic converters in all domestic and import gasoline engines
- * Helps pass emissions tests by reducing hydrocarbon, carbon monoxide, and nitrogen oxide emissions

STEP 1) FUEL SYSTEM CLEANER (POUR IN TANK) - 12 OZ
STEP 2) VACUUM INTAKE CLEANER (W/APPLICATOR TOOL) - 12 OZ



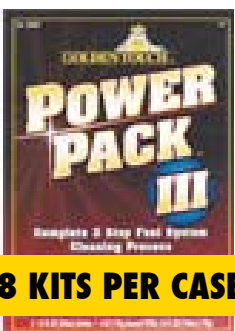
8 KITS PER CASE

IFA PART#
25008

FUEL SYSTEM AND OIL SYSTEM CLEANING PROCESS - 3 STEP

- * Restores horsepower, engine performance, and gas mileage
- * Cleans fuel injectors, intake valves, fuel lines, fuel pump, and combustion chamber
- * Dissolves and reduces sludge, carbon, and gum deposits

STEP 1) FUEL SYSTEM CLEANER (POUR IN TANK) - 12 OZ
STEP 2) VACUUM INTAKE CLEANER (W/APPLICATOR TOOL) - 12 OZ
STEP 3) CRANKCASE TUNE-UP (POUR IN CRANKCASE) - 12 OZ



8 KITS PER CASE

IFA PART#
25009

FUEL SYSTEM COMPLETE CLEANING PROCESS - 3 STEP

- * Restores horsepower, engine performance, and gas mileage
- * Cleans fuel injectors, intake valves, fuel lines, fuel pump, and combustion chamber
- * Removes deposits from throttle plate and throttle body

STEP 1) FUEL SYSTEM CLEANER (POUR IN TANK) - 12 OZ
STEP 2) VACUUM INTAKE CLEANER (W/APPLICATOR TOOL) - 12 OZ
STEP 3) FOAMING THROTTLE PLATE CLEANER (SPRAY) - 8 OZ

GOLD EAGLE / GOLDEN TOUCH**GOLDEN TOUCH - OIL SYSTEM SOLUTIONS****OIL SYSTEM CLEANER**

- * Does not thin oil / cause leaks; will not plug ports, galleys, or screens
- * Safe for use in all domestic and import gasoline engines
- * Petroleum based formula does not contain kerosene or mineral spirits

IFA PART#
1616

16 ounces per bottle (24 bottles per case)

**FAST RUSH ENGINE FLUSH**

- * Full gallon safely cleans; will not cause leaks, plug ports, galleys or screens; for all domestic and import gasoline engines
- * Petroleum based formula does not contain kerosene or mineral spirits
- * Better than a regular oil change – use of full gallon safely removes more engine sludge, varnish and deposits with drained oil

IFA PART#
1698

1 gallon (128 ounces) per bottle (4 / cs)

**DIESEL ENGINE FLUSH**

- * Guaranteed to completely clean engine deposits and sludge
- * Compatible with all diesel engines
- * Treats engines using 14 quarts or less

IFA PART#
25401

20 ounces per bottle (12 bottles per case)

GOLD EAGLE - TRANSMISSION SOLUTIONS**TRANSMISSION STOP LEAK**

- * Safely stops transmission leaks and prevents costly repairs
- * Compatible with ALL transmission fluids (Money back guarantee)

IFA PART#
21601

12 ounces per bottle (12 bottles per case)

GOLD EAGLE / GOLDEN TOUCH

GOLD EAGLE / GOLDEN TOUCH - POWER STEERING SYSTEM SOLUTIONS



12 OZ

32 OZ

UNIVERSAL POWER STEERING FLUID

- * Specially formulated to meet service requirements of virtually all domestic and imported vehicles
- * Mixes with ALL power steering fluids
- * Prevents corrosion, oxidation, and wear (Money back guarantee)

IFA PART#	SIZE
21302	12 OUNCES
21303	32 OUNCES

12 bottles per case



POWER STEERING FLUSH

- * Thoroughly cleans the entire power steering system, and safely removes deposits and debris
- * Thoroughly cleans by flushing power steering system to prolong life
- * Safe for use in all power steering systems and power steering flushing equipment, and in all domestic and import cars and trucks

IFA PART#
1696

32 ounces per bottle (12 bottles per case)



POWER STEERING STOP LEAK

- * Safely stops power steering leaks
- * Compatible with all power steering fluids
- * Prevents costly repairs (Money back guarantee)

IFA PART#
21301

12 ounces per bottle (12 bottles per case)

POWER STEERING FLUID EXCHANGERS

PAGE 238

PSX2000
POWER STEERING FLUID X-CHANGER



PSX2500
POWER STEERING FLUID X-CHANGER



PSX3000
POWER STEERING FLUID X-CHANGER



GOLD EAGLE / GOLDEN TOUCH

GOLD EAGLE / GOLDEN TOUCH - COOLING SYSTEM SOLUTIONS



COOLING SYSTEM SERVICE PACK - 2 STEP

- * Step #1: Cooling System Flush – Removes corrosion, acids, and residues created by oxidation and thermal breakdown
- * Step #2: Cooling System Sealer and Conditioner – Lubricates water pump, helps keep hoses flexible and contains highly concentrated corrosion inhibitors to extend new coolant life. Sealer plugs small holds that develop in all cooling systems over time
- * Compatible with all coolants, including extended life
- * Total maintenance solution for all domestic and import cooling systems

6 KITS PER CASE

IFA PART#
25013

STEP 1) COOLING SYSTEM FLUSH - 12 OZ
 STEP 2) COOLING SYSTEM SEALER AND CONDITIONER - 12 OZ



COOLING SYSTEM RAPID FLUSH

- * Thoroughly cleans harmful rust, scale, and other deposits from cooling system
- * Compatible with ALL coolant types including extended life, both gold and pink (Money back guarantee)

IFA PART#
RF12P

12 ounces per bottle (12 bottles per case)

GOLD EAGLE / STA-BIL

STA-BIL
 Fuel Stabilizer

GOLD EAGLE
 Our Brands Make Engines Go...
 And Keep Them Going

**America's Top Selling
 Fuel Stabilizer**

Keeps Stored Fuel Fresh, for Quick, Easy Starts

- Improved Formula! -- Now with more corrosion protection for today's Ethanol blended-fuels
- Eliminates the need to drain fuel before storage
- Keeps fuel fresh for 12 months or more
- Prevents gum and varnish
- Prevents corrosion from moisture & Ethanol-induced water attraction
- Safe to use in all 2 & 4-cycle engines, and all gasoline blends, including Ethanol

IFA PART#
22205

SIZE
4 OUNCES

QMI / HEARTLAND / FULL THROTTLE

QMI / HEARTLAND / FULL THROTTLE FAMILY OF PRODUCTS



QMI / Heartland / Full Throttle is one of the original providers of services and products to the professional installer industry. Today, QMI / Heartland / Full Throttle is still focused exclusively on YOUR business success. Founded on the belief that your customer's satisfaction is our goal, every product in the QMI / Heartland / Full Throttle line is backed by The Pledge™, the strongest NO questions asked money back guarantee:



If you are not completely satisfied with this product, your purchase price will be refunded.

"Always advancing our technology while maintaining Good Old Fashion Customer Service!!!"

The Heartland

QMI / HEARTLAND - FOR THE ENGINE

ENGINE SEALER

- * Special conditioners rejuvenate dry, hard seals and gaskets, stopping most seeps and leaks
- * Safe for all engines and compatible with all oils
- * Contains no solids and will not affect low temperature flow
- * Especially effective on rear main seals
- * Use every other oil change to prevent reoccurrence

IFA PART#

61015

SIZE

12 OZ (24 BOTTLES / CS)



QMI / HEARTLAND - FOR THE ENGINE

OIL SYSTEM CLEANER

- * The Original™ safe, petroleum based formula gently dissolves and removes harmful sludge from the crankcase without kerosene or alcohol
- * Use before adding synthetic oil or engine treatment
- * Fresh Oil Deserves a Fresh Start™
- * Safe for all vehicles



IFA PART#	SIZE
61016	16 OZ (24 BOTTLES / CS)

ENGINE TREATMENT (WITH PTFE)

- * Help customers protect their engines with this comprehensive chemistry
- * Guaranteed to provide superior protection to today's punishing driver
- * Sell by itself or in a package with the oil system cleaner



4X ENGINE TREATMENT

- * The every oil change engine treatment
- * The Pinnacle of Protection™
- * Frequent applications keep protection at its highest level
- * Today's SUVs, trucks and cars deserve 4X™ (w/PTFE)



IFA PART#	SIZE
61032	16 OZ (12 BOTTLES / CS)

IFA PART#	SIZE
61034	12 OZ (12 BOTTLES / CS)

THE HIGH MILEAGE OIL CHANGER™

- * Specially designed for vehicles with high mileage
- * Protects against engine wear and burn-off
- * Allows for better engine performance and increased fuel economy
- * Make Your Engine Feel Young™



SEMI-SYNTHETIC OIL CHANGER

- * Add this to bulk oil to create a semi-synthetic oil and eliminate the high price of multiple synthetic oils
- * Prolongs engine life with effective anti-wear additive
- * Enhances engine performance and reduces maintenance costs
- * Lowers oil consumption and reduces sludge development



IFA PART#	SIZE
61060	14 OZ (12 BOTTLES / CS)

IFA PART#	SIZE
61065	16 OZ (12 BOTTLES / CS)

QMI / HEARTLAND - FOR THE ENGINE

XTREME CLEAN™ ENGINE FLUSH



- * Gives consumers a GREATER oil change
- * Safely removes old oil and harmful deposits found in your engine
- * Prepares oil for a Fresh Start™
- * Allows oil to do its best, increasing performance and engine life



IFA PART#

SIZE

61216

1 GAL (4 GALLONS / CS)

QMI / HEARTLAND - FOR DIESEL ENGINES

DIESEL PERFORMANCE PACK



- * Premium engine maintenance for diesel vehicles
- * Improves fuel economy and restores power
- * Provides pressure friction protection and reduces oil burning and consumption
- * Reduces emissions and removes harmful deposit build-up

2 part kit includes:
Oil Conditioner(16oz)
Fuel Injection Cleaner(12oz)

IFA PART#

SIZE

61053

16OZ/12OZ (12 KITS / CS)

QMI / HEARTLAND - FOR THE COOLING SYSTEM

COOLING SYSTEM SEALING PELLETS



- * Prevents and stops leaks throughout cooling system, including radiator, cracked block, head gasket, and hose connections
- * Compatible with all radiator coolants and will not impede flow
- * Non-Toxic

IFA PART#

SIZE

61010

120 PELLETS / BOTTLE

COOLING SYSTEM CLEANER & TREATMENT

- * Two-step kit that cleans out contamination and harmful deposits trapped throughout the system
- * Provides protection against cavitation and is gentle on the system
- * STEP 1) System Cleaner
STEP 2) System Treatment



IFA PART#

SIZE

61043

12 OZ (12 KITS / CS)

QMI / FULL THROTTLE - FOR THE TRANSMISSION

CVT PLUS FULL SYNTHETIC ATF



- * A premium automatic transmission fluid offering outstanding performance benefits for virtually every automatic transmission on the road, including most CVT transmissions
- * This well-engineered product is a unique blend of synthetic base oils coupled with a multifunctional additive system for unsurpassed protection and performance

Application chart available!

IFA PART#	SIZE
58032	32 OZ (12 BOTTLES / CS)
58128	1 GAL (4 GALLONS / CS)

QMI / HEARTLAND - FOR THE TRANSMISSION

T3™ TOTAL TRANSMISSION TREATMENT™



- * CONVERTS Dex II/III into both Mercon V and HFM (Highly Friction Modified) replacement fluid like 7176, +3, +4
- * PROTECTS against heat, oxidation, wear, and friction
- * STOPS LEAKS, conditions seals and gaskets to prevent future leaks
- * ALL OF THIS IN ONE BOTTLE! Truly a total transmission treatment
- * Use 1 ounce for every quart of ATF



IFA PART#	SIZE
61083	10 OZ (12 BOTTLES / CS)

PREMIUM ATF TREATMENT



- * Run Cooler, Longer and Smoother™
- * Reduces friction and wear
- * Improves shifting
- * Prevents oxidation and preserves seals

TRANSMISSION SYSTEM CLEANER

- * Removes harmful deposits and extends transmission life
- * Use prior to all machine or pan drain services
- * Fresh Fluid Deserves a Fresh Start™



PACKAGE PART#61085 AND #61086 FOR MAXIMUM TRANSMISSION PROTECTION AND PERFORMANCE

IFA PART#	SIZE	IFA PART#	SIZE
61085	8 OZ (12 BOTTLES / CS)	61086	8 OZ (12 BOTTLES / CS)

QMI / HEARTLAND - FOR THE TRANSMISSION

TRANSMISSION SEALER & CONDITIONER



- * This formula rejuvenates fluid left behind after traditional pan and drain services
- * With machine fluid exchange services, the seal and gasket protectants are especially important to prevent and stop leaks
- * Guards against sludge and varnish build-up too!

IFA PART#	SIZE
61088	12 OZ (24 BOTTLES / CS)

ATF D-VI (DEX 6) SUPPLEMENT



- * Enhances ATF that meets or exceeds Dexron III / Mercon specifications to perform as a highly stable fluid such as Dexron VI
- * Extends frictional stability and fluid life, preventing torque converter lock-up shudder

IFA PART#	SIZE
61186	10 OZ (12 BOTTLES / CS)

QMI / HEARTLAND - FOR THE POWER STEERING SYSTEM

HONDA / UNIVERSAL POWER STEERING FLUID



- * Universal formula meets OEM requirements for all domestic and imported vehicles, including Honda
- * The only power steering fluid you will need to service most vehicles
- * Now comes with Stopleak™
- * (2) Two convenient sizes to fit your needs

IFA PART#	SIZE
61020	12 OUNCES PER BOTTLE (12 BOTTLES PER CASE)
71020	64 OUNCES PER BOTTLE (4 BOTTLES PER CASE)

POWER STEERING KIT - FLUSH AND FILL

- * Provides the vehicle with a complete flush and fill service
- * Safely removes deposits and replaces worn-out fluid altogether
- * Can be used with any power steering flush machine
- * STEP 1: Power steering flush * STEP 2: Universal fluid with Stopleak™

IFA PART#	SIZE
71103	32 OZ (6 KITS / CS)



QMI / FULL THROTTLE - FOR THE FUEL SYSTEM

3-STEP FUEL SYSTEM CLEANER

STEP 1 - FUEL SYSTEM CLEANER (11 OUNCES)

- * Designed to clean fuel systems by dissolving varnish, carbon and gum deposits
- * Contains highly effective detergents to thoroughly clean fuel injectors, carburetors, intake valves and combustion chambers
- * Lowers exhaust emissions, scavenges water, lubricates upper cylinders, valves and rings
- * CONTAINS NO ALCOHOL OR METHANOL

STEP 2 - OIL SYSTEM BOOSTER (11 OUNCES)

- * Formulated to remove crankcase gum, varnish and harmful deposits
- * Protects cylinder walls and quiets valves
- * Friction modifiers and extreme pressure components improve lubrication and protect engine friction surfaces while cleaning

STEP 3 - INDUCTION CLEANER (8 OUNCES)

- * Dissolves carbon and varnish from the intake manifold, valves, pistons and combustion chamber
- * Super concentrated residual cleaner continues to soften carbon deposits for a more complete and longer lasting cleaning



IFA PART#	SIZE
FT3STEP	8 KITS PER CASE

USE P1A10 DELIVERY TOOL ON PAGE# 145 WITH STEP 3

QMI / HEARTLAND - FOR THE FUEL SYSTEM

PURE POWER PLUS™ - THE FUEL SYSTEM SERVICE - 2 STEP



- * Reduces emissions, restores power and performance, improves mileage **GUARANTEED!**
- * Removes harmful deposits safely and effectively from the entire system
- * STEP 1: Fuel Tank
- * STEP 2: Intake cleaner



IFA PART#	SIZE
61003	12 OZ (12 KITS / CS)

USE 61503 DELIVERY TOOL ON PAGE# 145 WITH STEP 2

AEROCLEAN™ INTAKE CLEANING SERVICE



- * NO HYDRO LOCK, NO TOOLS REQUIRED!
- * Improves fuel economy, power and performance
- * Reduces contamination of oil and sludge
- * Removes carbon deposits and reduces emissions

Use with Fuel System Cleaner # 61012 for a complete fuel system service

IFA PART#	SIZE
61004	10 OZ (12 CANS / CS)

QMI / HEARTLAND - FOR THE FUEL SYSTEM

FUEL SYSTEM CLEANER

- * For use at every oil change, this comprehensive formula contains polymeric dispersants, corrosion inhibitors, and detergents for your customers entire fuel system
- * They will feel the difference or get their money back from QMI / Heartland!
- * Use with the Protection Package



IFA PART#	SIZE
61012	12 OZ (12 BOTTLES / CS)

HIGH-MILEAGE FUEL TREATMENT



- * Improves fuel economy
- * Reduces emissions
- * Restores power and performance
- * Helps stop hesitation, hard starting and engine knock
- * Make Your Engine Feel Young™

IFA PART#	SIZE
61212	12 OZ (12 BOTTLES / CS)

FUEL INJECTION APPLICATION / DELIVERY TOOLS



IFA PART#
P1A10



IFA PART#
61503

- * Drip bottles allow for accurate delivery of fuel induction cleaner into direct control vacuum source
- * Control valve allows adjustment of fluid intake to properly maintain a steady drip
- * Holds entire 8 ounces of Fuel Induction Cleaner needed for service

QMI / HEARTLAND - FOR THE DIFFERENTIAL

LIMITED SLIP DIFFERENTIAL SUPPLEMENT

- * Can be added to gear oil in all types of limited slip differentials
- * Prevents and eliminates chattering, jerking and slipping
- * Protects clutch surfaces
- * Helps reduce operating temperatures
- * Designed to meet or exceed OE specifications



IFA PART#	SIZE
61141	4 OZ (12 BOTTLES / CS)

LUBEGARD

LUBEGARD AUTOMATIC TRANSMISSION FLUID SUPPLEMENTS

World's Finest Lubricants!

squeak relief **Dr. Tranny**®

KOOL-IT



60902



61910



62005



63010 / 63016 / 63032

- * Prevents overheating, reducing elevated operating temperature up to 40°
- * Softens and modifies harsh shifts, providing smoother shifting
- * Maximizes total overall transmission performance
- * Reduces wear throughout the transmission, extending its life
- * Assists in eliminating warranty comebacks
- * Use with any ATF, except CVT or F-Type ATF

- * Eliminates the need for multiple OEM fluids
- * Converts DEXRON®/MERCON® ATF into any highly friction modified ATF such as:
Honda Genuine ATF
Toyota Type T/TII/TIV
Mopar ATF + 3™ (7176)
Mopar ATF + 4™ (9602)
and any other transmission requiring a highly friction modified ATF
- * Also contains same benefits as #60902
- * Saves time, space, and \$\$\$

- * Eliminates the need for MERCON® V ATF
- * Enhances DEXRON®/MERCON® ATF to perform like a MERCON® V ATF
- * Prevents and eliminates torque converter shudder
- * Contains absolutely NO Zinc - so it will not alter the crucial phosphorous or sulfur balance in your transmission fluid
- * Also contains same benefits as #60902
- * Saves time, space, and \$\$\$

- * TRULY SAVE TIME AND \$\$\$ by eliminating the confusion with ATF applications and reducing unnecessary inventory
- * LUBEGARD® PLATINUM enhances DEXRON®/MERCON® ATF's to perform both like MERCON® V ATF and OEM specified highly friction modified ATF's

IFA PART#	DESCRIPTION
60902 (10 oz. 12/cs)	LUBEGARD® AUTOMATIC TRANSMISSION FLUID PROTECTANT
61910 (10 oz. 12/cs)	LUBEGARD® HIGHLY FRICTION MODIFIED ATF SUPPLEMENT
62005 (10 oz. 12/cs)	LUBEGARD® MERCON® V ATF SUPPLEMENT
63010 (10 oz. 12/cs)	LUBEGARD® PLATINUM UNIVERSAL ATF PROTECTANT
63016 (15 oz. 12/cs)	LUBEGARD® PLATINUM UNIVERSAL ATF PROTECTANT
63032 (32 oz. 6/cs)	LUBEGARD® PLATINUM UNIVERSAL ATF PROTECTANT (Most Economical)

All LUBEGARD product is sold individually!
NO CASE REQUIREMENTS!



LUBEGARD

LUBEGARD UNIVERSAL CVT FLUID



ELIMINATE THE NEED TO STOCK VARIOUS CVT FLUIDS WITH THIS UNIVERSAL FORMULA THAT IS FOR USE IN ANY BELT TYPE CVT TRANSMISSION

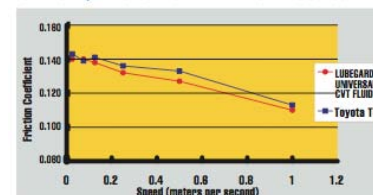
- * Provides longer anti-shudder performance
- * Suitable for use in ANY belt type CVT (continuously variable transmission) application! (When used in Honda applications, 20,000 mile service intervals are recommended)
- * Minimizes friction between belts and pulleys which protects against fatigue damage
- * Maintains the performance of a continuously variable transmission by providing excellent wear protection
- * Imparts both shear and oxidation stability to the fluid
- * Remains fluid at low temperatures for excellent operation during cold
- * Prevents sludge, varnish build up
- * 32 ounces (6 per case)

IFA PART#
67032

Service over 80% of all CVT's confidently with LUBEGARD Universal CVT Fluid!

NOTE: Not for use in chain type CVTs

LUBRICITY, FRICTION & WEAR TEST RESULTS:



LUBEGARD Universal CVT Fluid is also for use in place of: Honda Multimatic Fluid (HMMF), Mercedes Benz CVT 28 & 236.20, Mitsubishi/Hyundai/Kia SP-III, Toyota/Mazda/Daihatsu TC Fluid, Suzuki NS-2/TC, also in any Ford CVT23 application and any other belt type CVT Fluid

LIMITED SLIP SUPPLEMENT



- * Eliminates differential chatter, growl and moan in ALL makes of vehicles with limited slip differentials including GM, Ford, and Chrysler
- * Reduces differential oil temperature
- * Extends clutch pack and equipment life
- * 4 ounce tube (12 per case)



IFA PART#
31904

48 hour test - 325°
1 oz. per quart



without LUBEGARD®



with LUBEGARD®

LUBEGARD

BIO/TECH ENGINE PROTECTANT



- * Reduces oil / fuel consumption!
- * Optimizes engine horsepower and performance
- * Inhibits oxidation, protects and extends oil life by 30%
- * Reduces hot oil temperatures
- * Blends with ALL motor oils currently produced



IFA PART#
30901

SEAL-E-ZEE

- * SEAL-E-ZEE® safely prepares ANY rubber material for quick, trouble free installation
- * Works well with all types of rubber including lip seals, o-rings, bearings, bushings, valve body end caps, Teflon® seals, hydraulic pumps, valves, etc.
- * 2-Step spray-on product for installing and seating difficult seals without damaging them!
- * Fast and easy with instant results!



IFA PART#
19522

KOOL-IT AIR CONDITIONING FOAM CLEANER



- * Removes and neutralizes the contaminants that live in air conditioning and heater systems
- * Reduces allergens and eliminates mold and mildew odor
- * Leaves a clean, fresh scent
- * Improves air quality
- * 6 ounce can (6 cans per case)



IFA PART#
96030

SQUEAK RELIEF BRAKE FINISHING TREATMENT



- * Brake finishing treatment that virtually eliminates customer brake squeal comebacks fast and easy, saving time and money (NO drying time)
- * Effective on all brake systems
- * 11.25 ounce can (6 cans per case) Treat as many as 80 axles per can!



* Artist rendition of rotor cross section



IFA PART#
90201

DR. TRANNY ASSEMBLEE GOO



- * Provides lubrication and helps hold components in place during the transmission assembly process for all transmissions



- * 16 ounces (12 per case)



IFA PART#	DESCRIPTION
19250	GREEN (FIRMER TACK)
19260	BLUE (LIGHTER TACK)

POWER STEERING FLUID PROTECTANT

- * Eliminates noises, whines and squealing, extending system life
- * For use with all power steering fluids, including Honda
- * 4 ounce bottle (12 per case)



IFA PART#
20404

SMART BLEND



SMART BLEND ATF PROTECTANTS / SUPPLEMENTS

AUTOMATIC TRANSMISSION FLUID PROTECTANT (RED)



- * Specially Formulated Synthetic to Optimize Transmission Performance While Lowering Operating Temperatures
- * For use in ALL automatic transmissions and blends with all domestic and worldwide OEM automatic transmission fluids

- * Prevents & Instantly Eliminates Torque Converter Shudder
- * Prevents Overheating and Oxidation
- * Keeps Valves & Governors Free
- * Protects and Coats Gears & Pumps
- * Extends Fluid Life
- * Enhances shift quality and durability
- * Prevents Clutch Chatter
- * Compatible with All Trans Fluids
- * Improves Total Transmission Performance

IFA PART#	SOLD	SIZE	CASE QTY
4001	EACH	10 OUNCES	12

HFM ATF SUPPLEMENT (BLACK)



- * Smart Blend Synthetic Highly Friction Modified Transmission Fluid Supplement is a uniquely blended synthetic product specifically designed to convert and enhance Dexron III® / Mercon® fluid into a highly friction modified ATF
- * Reduces heat, wear, and extends transmission fluid life

- * Eliminates the Need for Multiple OEM Fluids
- * Big Profit Increase
- * Saves Money \$\$\$
- * Prevents Overheating & Fluid Oxidation
- * Keeps Valves & Governors Free
- * Softens Hard Shifting
- * Extends Fluid Life
- * Prevents Torque Converter Lock Up Shudder
- * Protects and Coats Gears & Pumps

IFA PART#	SOLD	SIZE	CASE QTY
6001	EACH	10 OUNCES	12

MERCON-V ATF SUPPLEMENT (BLUE)



- * Smart Blend Synthetic Automatic Transmission Fluid M-V Supplement is a uniquely blended synthetic product specifically formulated to convert and enhance Dexron III® /Mercon® fluid into a Mercon V® type fluid
- * Eliminates the need to stock Mercon V®

- * Saves Time & Money, Eliminates the Need to Stock Mercon V® Fluid
- * Prevents Torque Converter Lock-Up Shudder
- * Improves Low Temperature Shifting
- * Extends Frictional Stability and Life of the Fluid

Note: Mercon V® fluid can be used where Mercon® is recommended, but Mercon cannot be used to replace Mercon V fluid

IFA PART#	SOLD	SIZE	CASE QTY
6500	EACH	10 OUNCES	12

SMART BLEND ATF PROTECTANTS / SUPPLEMENTS

DEXRON - VI ATF SUPPLEMENT (PURPLE)



* Smart Blend Synthetic Automatic Transmission Fluid Dexron-VI Supplement is a uniquely blended synthetic product specifically designed to convert and enhance Dexron III® /Mercon® fluid into a Highly Stable Fluid such as DEXRON VI® ATF

- * Saves Time & Money. Only Need to Stock Dexron III® /Mercon® Fluid
- * STOPS Torque Converter Shudder Instantly
- * Extends Frictional Stability and Fluid Life
- * Creates Longer Service Intervals
- * Softens Hard Shifts
- * Prevents Overheating & Oxidation
- * Keeps Valves Free



IFA PART#	SOLD	SIZE	CASE QTY
6700	EACH	10 OUNCES	12

UNIVERSAL ATF PROTECTANT (SILVER)



* Smart Blend Universal Automatic Transmission Fluid with advanced TITANIUM technology takes the guess work out of converting ATFs because it works in all Transmission types except Ford Type F and CVT applications

* Smart Blend Titanium can be used as a protectant with all transmission fluids or used to enhance Dexron/Mercon ATF to perform like a Highly Friction Modified ATF such as: Honda, Chrysler ATF +3(7176), ATF +4(9602), Toyota Type T IV and other HFM fluids, or a highly stable fluid such as Mercon V or Dexron VI ATF

- * Prevents and instantly stops torque converter shudder
- * Ensures and maintains proper shifts
- * Dramatically reduces wear on internal components
- * Prevents overheating, foaming, oxidation
- * Extends frictional stability, change intervals



IFA PART#	SOLD	SIZE	CASE QTY
6900	EACH	10 OUNCES	12

MULTI-VEHICLE CVT TRANSMISSION FLUID



* Smart Blend's multi-vehicle CVT fluid, with Advanced SYNTEUM® Technology, is specifically designed and formulated to meet performance requirements and specifications of ALL Continuously Variable Transmissions

* Makes servicing Continuously Variable Transmissions more profitable and reduces inventory costs by eliminating the need to stock multiple OEM fluids



Application chart available!

IFA PART#	SOLD	SIZE	CASE QTY
3100	CASE	32 OUNCES	12

SMART BLEND ATF PROTECTANTS / SUPPLEMENTS

AUTOMATIC TRANSMISSION CLEAN AND PROTECT



- * Smart Blend Synthetic Automatic Transmission Clean & Protect insures quality and increases customer satisfaction while increasing profitability when performing automatic transmission fluid evacuation or flush services
- * STEP 1 - Automatic Transmission Flush - cleans the transmission and flushes away unwanted contaminants with the used ATF, preparing the transmission for new fluid; will not clog filters, affect seals or clutch plate frictions; contains NO alcohol, mineral spirits or unwanted harsh solvents that could prove damaging to an automatic transmission; can be utilized with or without power flush equipment
- * STEP 2 - ATF Protectant (part# 4001) - see description on page 149

Compatible with all OEM recommended fluids

IFA PART#	SOLD	SIZE	CASE QTY
4300S	PER KIT	10 OZ EA	6 KITS

SMART BLEND MANUAL TRANSMISSION / LIMITED SLIP

GEAR FLUID SUPPLEMENT



- * Additive with an anti-wear formula for use with all gear oils in manual transmissions and manual transaxles
- * Lowers Operating Temperature
- * Prolongs Fluid Life
- * Reduces Power Transfer Loss
- * Lowers Friction on Gears & Bearings
- * Improves Shifting

IFA PART#	SOLD	SIZE	CASE QTY
8500	EACH	8 OUNCES	12

LIMITED SLIP SUPPLEMENT



- * Formulated to be added to gear oil in all limited slip differentials
- * Provides superior protection with its unique synthetic technology
- * Eliminates Chatter
- * Protects Clutch Surfaces
- * Reduces Operating Temperature
- * Enhances Total Performance

IFA PART#	SOLD	SIZE	CASE QTY
3500	EACH	4 OUNCES	12

QUALITY POWER TRAIN PRODUCTS
SMART BLEND



SMART BLEND

ONE FORMULA TOTAL VEHICLE MAINTENANCE PRODUCTS



- * The ultimate in protection and performance for vital vehicle operating systems with SYNTEUM TECHNOLOGY
- * ONE FORMULA's advanced SYNTEUM technology helps extend the life of your vehicle's vital parts and components while reducing the risk of mechanical breakdown or failure



SMART BLEND ONE FORMULA ENGINE SYSTEM SERVICE

ENGINE PROTECTANT



- * Protects internal parts and components
- * Improves oil performance
- * Reduces wear and oxidation
- * Improves fuel efficiency
- * Improve engine performance, life

IFA PART#	SOLD	SIZE	CASE QTY
17010	PER CASE	16 OUNCES	12

OIL SYSTEM CLEANER



- * Safely removes harmful contaminants such as sludge, gum and varnish from oil systems
- * Helps free sticky valves and rings, helping improve optimal engine performance and life
- * Contains NO HARSH SOLVENTS that could affect engine performance

IFA PART#	SOLD	SIZE	CASE QTY
17013	PER CASE	16 OUNCES	12

SMART BLEND ONE FORMULA FUEL SYSTEM SERVICE

FUEL SYSTEM CLEANER



- * Completely and effectively cleans the entire fuel system in one bottle
- * Rapidly cleans, removes gum, varnish and other harmful deposits
- * Restores power and helps improve fuel economy while preventing engine knocks and pings, rough idling and harmful emissions

* Will not harm catalytic converters or sensors

IFA PART#	SOLD	SIZE	CASE QTY
17006	PER CASE	12 OUNCES	12

TOTAL INTAKE SYSTEM CLEANER

- * Provides complete cleaning by safely and effectively removing carbon build up, cleaning vehicle's upper engine and intake systems from the plenum to the catalytic converter
- * NO HYDRO-LOCK application process eliminates hydrostatic engine lock GUARANTEED!

* Improve power, performance; reduce emissions



#1 SELLING
WORLDWIDE

IFA PART#	SOLD	SIZE	CASE QTY
17020	PER CASE	10 OUNCES	12

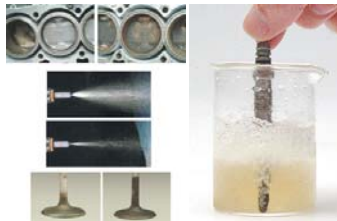
SMART BLEND ONE FORMULA FUEL SYSTEM SERVICE

2-STEP FUEL SYSTEM CLEANING SERVICE

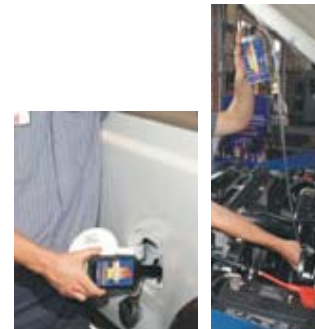


- * 2-Step system, each kit includes (1) one bottle of 17006 Fuel System Cleaner and (1) one bottle of 17020 Total Intake System Cleaner

- * Safe for ALL Gasoline engines



STEP 1: POUR IN
STEP 2: INTAKE



5 MINUTE SERVICE TIME

IFA PART#	SOLD	CONTENTS	CASE QTY
17025	PER CASE	17006 / 17020 (12OZ / 10OZ)	6 KITS

OCTANE POWER BOOSTER



- * Increases a vehicle's octane benefit by up to 5 points within one tank of fuel
- * Effectively restores lost horsepower and performance in most applications, while improving vehicle acceleration
- * Helps keep intake valves, combustion chambers and fuel injectors clean from harmful deposits, reducing emissions and eliminating engine knocks & pings

IFA PART#	SOLD	SIZE	CASE QTY
17009	PER CASE	16 OUNCES	12

SMART BLEND ONE FORMULA DIESEL FUEL SYSTEM SERVICE

DIESEL FUEL TREATMENT



- * Designed to provide unsurpassed lubricity and fuel economy while improving total performance and decreasing emissions
- * Combines the advanced technology of Cetane Improver and ANTI-GEL to ensure optimum performance in all climates and conditions
- * Converts standard diesel fuel to premium diesel fuel

IFA PART#	SOLD	SIZE	CASE QTY
17008	PER CASE	12 OUNCES	12

DIESEL FUEL INJECTOR CLEANER



- * Cleans diesel fuel injectors and improves engine and fuel system performance
- * Removes carbon and varnish deposits while protecting against oxidation and corrosion
- * Conditions seals, increases fuel stability and disperses water
- * Super concentrated formula

IFA PART#	SOLD	SIZE	CASE QTY
17014	PER CASE	12 OUNCES	12

SMART BLEND ONE FORMULA DIESEL FUEL SYSTEM SERVICE

2-STEP DIESEL FUEL SYSTEM CLEANING SERVICE



5 MINUTE SERVICE TIME

* 2-Step system, each kit includes (1) one bottle of 17008 Diesel Fuel System Cleaner and (1) one bottle of 17020 Total Intake System Cleaner

* Eliminates Hydrostatic engine lock

* Improves power and performance while reducing emissions

IFA PART#	SOLD	CONTENTS	CASE QTY
17030K	EACH KIT	17008 / 17020 (12OZ / 10OZ)	6 KITS

SMART BLEND ONE FORMULA TRANSMISSION SYSTEM SERVICE

AUTOMATIC TRANSMISSION COOLER FLUSH

* Helps prevent ATF contamination and potential failure as the result of performing mechanical transmission fluid exchanges

* Lifts, suspends and removes harmful deposits and wear metals from the transmission cooler preventing entry into the transmission system

* Use prior to performing ATF exchanges



IFA PART#	SOLD	SIZE	CASE QTY
17001	PER CASE	12 OUNCES	12

TRANSMISSION FLUSH AND CLEANER

* Quickly and effectively cleans and removes harmful varnish, deposits and contaminants from the system

* Separates, suspends and dissolves varnish and contaminants from solid surface parts and materials within the transmission, safely removing them from the system when the used fluid is evacuated or exchanged

* Prepares the system for new fluid



IFA PART#	SOLD	SIZE	CASE QTY
17003	PER CASE	16 OUNCES	12

SMART BLEND ONE FORMULA POWER STEERING SYSTEM SERVICE

2-STEP POWER STEERING KIT



* STEP 1 - Power Steering Flush - A uniquely blended synthetic oil base for use in all types of power steering units, which safely cleans and removes damaging deposits and impurities, with or without the use of a flush machine

* STEP 2 - Power Steering Fluid Protectant - Eliminates whines and noise in power steering systems, conditions seals and O-rings, protects and prolongs fluid and system life, frees sticky turbines and pumps, ensuring proper drivability

Cleans and prepares the system for new power steering fluid

IFA PART#	SOLD	SIZE	CASE QTY
14000	PER CASE	4OZ X 2	6 KITS

SMART BLEND ONE FORMULA COOLANT SYSTEM SERVICE

COOLANT SYSTEM TREATMENT



- * Decreases coolant surface tension, providing better heat transfer than water or antifreeze alone
- * Reduces operating temperatures, improves horsepower, and protects against deposits
- * DEX-COOL® COMPATIBLE

IFA PART#	SOLD	SIZE	CASE QTY
17004	PER CASE	16 OUNCES	12

COOLANT SYSTEM FLUSH



- * Safely and effectively removes performance-robbing deposits and harmful contaminants from the radiator and entire cooling system
- * Quickly and safely removes accumulated sediment, light rust, corrosion byproducts, antifreeze, hard-water gels and oily residues

IFA PART#	SOLD	SIZE	CASE QTY
17005	PER CASE	16 OUNCES	12

SMART BLEND ONE FORMULA AC/HEATING SYSTEM SERVICE AND UNIVERSAL SEALER

AC/HEATING CLEANER AND REFRESHER



- * Cleans and refreshes a/c & heating systems, removing allergens and contaminants in one easy formula
- * Leaves automotive a/c systems clean and refreshed, improving cabin air quality and restoring cooling efficiency

IFA PART#	SOLD	SIZE	CASE QTY
17019	PER CASE	4 OUNCES	12

UNIVERSAL SEALER



- * Seals and stops leaks in engines, transmissions and power steering systems (not for use in radiators)
- * Safe for use in gasoline and diesel engines and contains NO SOLIDS that could clog or plug filters and lines

IFA PART#	SOLD	SIZE	CASE QTY
17012	PER CASE	8 OUNCES	12

SMART BLEND ONE FORMULA EXTREME SUV SERVICE

SUV TRANSMISSION SYSTEM TREATMENT



- * Recommended for use as an ATF treatment when replacing or topping off fluid for all trucks, SUV's, mini vans, 2x2 and 4x4, except Ford type F and CVT
- * Reduces Total Acid Number significantly when compared to other products

IFA PART#	SOLD	SIZE	CASE QTY
16000	PER CASE	16 OUNCES	12

SUV ENGINE TREATMENT



- * Unsurpassed protection for your SUV's engine, above and beyond conventional motor oil
- * Protects internal parts and components, improves oil performance, reduces wear and oxidation, improves fuel efficiency and performance in SUV's

IFA PART#	SOLD	SIZE	CASE QTY
16002	PER CASE	1 QUART	12

LUCAS



LUCAS ENGINE OIL ADDITIVES

HEAVY DUTY OIL STABILIZER

- * 100% petroleum product formulated to eliminate dry starts and reduce friction, heat and wear in any type of engine
- * Allows motor oils a higher degree of lubricity which reduces oil consumption and operating temperatures
- * Use in gear oil to stop leaks, reduce operating temperatures and increase the life of the gear oil
- * Safely blends with all other automotive lubricants, even synthetics, ATF and mineral oil



IFA PART#	SOLD	SIZE	CASE QTY
10001L	CASE	32 OUNCES	12
10002L	CASE	1 GALLON	4

It keeps old engines alive and new engines new

SYNTHETIC OIL STABILIZER



- * Use in new equipment which requires synthetic oils or any equipment that needs enhanced performance
- * Reduces friction for more power and more MPG, increases oil life at least 50%, reduces oil consumption, eliminates dry starts and raises oil pressure

Light enough for an import - Touch enough for a semi

IFA PART#	SOLD	SIZE	CASE QTY
10130L	CASE	32 OUNCES	12

ENGINE OIL STOP LEAK



- * Lucas Engine Oil Stop Leak is an all new formulation of Lucas additives and very specific base stocks designed to stop seal leaks in engines
- * Compatible with petroleum, semi-synthetic and full synthetic motor oils
- * Renews worn seals with no risk of damage or eventual corrosion

IFA PART#	SOLD	SIZE	CASE QTY
10278L	CASE	32 OUNCES	12

LUCAS FUEL TREATMENTS

FUEL TREATMENT

- * Designed to increase power and fuel mileage and also lower exhaust emissions through a more complete combustion
- * Formulated for both gasoline and diesel engines, carbureted or fuel injected
- * Cleans and lubricates the carburetor and injectors and causes the fuel to burn more thoroughly for increased power and less fuel consumption, allowing the engine to operate at maximum efficiency
- * A powerful blend of oils and additives that pours directly into the fuel tank and contains no SOLVENTS



A great tune-up in a bottle

IFA PART#	SOLD	SIZE	CASE QTY
10003L	CASE	32 OUNCES	12
10013L	CASE	1 GALLON	4
10020L	CASE	5.25 OUNCES	24

OCTANE BOOSTER



- * A Real Octane Booster tested and proven to deliver three times more boost than most other brands.
- * Safe for turbos, oxygen sensors and catalytic converters
- * Suitable for use in fuel injected and carbureted engines

IFA PART#	SOLD	SIZE	CASE QTY
10026L	CASE	15 OUNCES	12

FUEL STABILIZER



- * A better solution to prevent gasoline breakdown during storage
- * Safe to use in all grades of gasoline and in all 2 and 4 cycle engines
- * Easy to use!
Application rate: 1oz. treats 1 gal

IFA PART#	SOLD	SIZE	CASE QTY
10303L	CASE	32 OUNCES	12
10314L	CASE	8 OUNCES	12

DEEP CLEAN FUEL SYSTEM CLEANER



- * Blended with an exclusive additive package and specific carrier fluid that contains no diesel fuel, kerosene or anything else that can be harmful or useless to an engine
- * Reduces NOx emissions, removes carbon deposits, eliminates knocks and pinging and raises mpg and performance
- * Eliminates the need for higher octane fuel and deep cleans the entire fuel system and combustion chamber

IFA PART#	SOLD	SIZE	CASE QTY
10512L	CASE	16 OUNCES	12



LUCAS TRANSMISSION PRODUCTS

TRANSMISSION FIX



- * Is a non-solvent formula that stops slip, hesitation and rough shifting in worn transmissions and completely eliminates most leaks
- * Use in any transmission for preventative maintenance, including light duty manual transmissions to increase shifting ease and transmission life
- * Can be added to existing fluid without draining any out

MULTI-VEHICLE ATF



- * Provides today's transmission with excellent oxidation stability, foam resistance, rust and corrosion inhibition properties, wear protection and heat resistance while providing smooth and chatterless shifting
- * Compatible with synthetic and conventional fluids and is suitable for Japanese and European transmissions

IFA PART#	SOLD	SIZE	CASE QTY
10009L	CASE	24 OUNCES	12

IFA PART#	SOLD	SIZE	CASE QTY
10418L	CASE	24 OUNCES	12

LUCAS GEAR OIL

SYNTHETIC GEAR OIL



- * Non-foaming, super slick, long lasting lubricants designed especially for heavy duty or high performance applications where other gear lubricants just aren't good enough
- * Contains a special additive package that cushions gears and resists "squeezing out" under extreme pressure situations
- * Designed to stand up to high temperatures without losing its lubricity

EXCELLENT FOR USE IN LIMITED SLIP DIFFERENTIALS - NO SPECIAL ADDITIVES REQUIRED

Meets or Exceeds Major Manufacturer Specifications

IFA PART#	WEIGHT	SOLD	SIZE	CASE QTY
10047L	75W90	CASE	32 OUNCES	12
10121L	75W140	CASE	32 OUNCES	12



P.O.P. / STARTER KIT



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MORE INFORMATION @ WWW.LUCASOIL.COM

LUCAS CAR CARE

SLICK MIST SPEED WAX



- * A polymer paint gloss intensifier, which can be used on other surfaces such as glass, chrome and vinyl decals
- * Use as a traditional wax, quick detail spray or spray it on the vehicle between rinsing and drying for the easiest polish job ever - WET or DRY - and wipe it off
- * Shines and Protects in One Easy Application

Give any machine an extreme gloss fast!

IFA PART#	SOLD	SIZE	CASE QTY
10160L	EACH	24 OUNCES	12

SLICK MIST TIRE AND TRIM SHINE



- * Environmentally friendly treatment spray exclusively formulated and designed to give Tires and Trim a long lasting "like-new" shine
- * Use Slick Mist Tire Shine to remove dull, grey oxidation from Bumpers, Tires, Plastic, or any Rubber, & Vinyl Trim
- * Shines and Protects in One Easy Application

IFA PART#	SOLD	SIZE	CASE QTY
10513L	EACH	24 OUNCES	12

LUCAS PROBLEM SOLVERS / UTILITY LUBRICANTS

POWER STEERING STOP LEAK



- * GUARANTEED to stop seal leaks in power steering units or your money back
- * Totally effective in reducing slack, squeals, and hard spots in worn rack and pinions (your results will be immediate and long lasting)



IFA PART#	SOLD	SIZE	CASE QTY
10008L	CASE	12 OUNCES	12

TOOL BOX BUDDY



- * Designed to dissolve corrosion and rust without drying
- * Provides a microscopic film that rust proofs for up to a year
- * Use on nuts, bolts, hinges, bearings, or many other shop uses
- * Excellent protection against water
- * Sprays anywhere, even upside down

IFA PART#	SOLD	SIZE	CASE QTY
10392L	EACH	11 OUNCES	12

LUCAS PROBLEM SOLVERS / UTILITY LUBRICANTS

STARTER KIT COUNTER DISPLAY ASSORTMENT



- * This starter kit is designed as a countertop or shelf display for 4 of the best selling Lucas products
- * Ideal for auto parts stores and auto and truck repair dealers

STARTER KIT CONTAINS:

- * Twelve (12) of part# 10020L (5.25 oz Fuel Treatment)
- * Three (3) of part# 10001L (32 oz Oil Stabilizer)
- * Four (4) of part# 10008L (12 oz Power Steering Stop Leak)
- * Three (3) of part# 10009L (24 oz Transmission Fix)

IFA PART#
10041L

THE DEMONSTRATOR



- * Promotional device designed to sit on your shop counter that consists of two vertical gear runs in an oil bath, one containing conventional motor oil and one containing conventional motor oil with 20% of part# 10001L - Oil Stabilizer, which demonstrates the climbing and clinging properties of the heavy duty stabilizer
- * This eye catching device is highly popular and often leads to a sale!

IFA PART#
10500L

Bottle of 10001L Oil Stabilizer is not included

STREAMLINE DYNAMICS

POWER STEERING 2 STEP FLUSH AND FILL KIT



- * **STEP 1: Power Steering System Cleaner**
 - * Suspends and removes abrasive wear metals
 - * Helps remove accumulated residues from pumps, lines, racks and valves
 - * Safe and effective for domestic and import power steering systems
- * **STEP 2: Premium Power Steering Fluid**
 - * Contains seal conditioners and advanced anti-wear ingredients
 - * Meets the performance requirements of domestic and most import vehicles
 - * Helps protect against corrosion and foaming
 - * Formulation provides protection at high and low temperatures

IFA PART#	DESCRIPTION	SOLD	SIZE	CASE QTY
8282	POWER STEERING KIT - 1 BOTTLE EA (FLUID / FLUSH)	CASE	64 OZ EA	3 KITS
8464	PREMIUM POWER STEERING FLUID ONLY	CASE	64 OUNCES	6

PURATECH



NORTH AMERICAN LUBRICANTS, CO.

OIL SYSTEM CLEANER



- * Helps extend the life of your engine by safely removing internal sludge deposits
- * Also contains gasket and seal restorers but no harsh solvents
- * Safe for all vehicles

IFA PART#	SOLD	SIZE	CASE QTY
PTOSC	CASE	16 OUNCES	24

ENGINE FLUSH



- * Full Service engine flush to promote a more complete drain of used oil and contaminants
- * It helps extend engine life by restoring gaskets and seals and by safely removing sludge and carbon deposits from your engine

IFA PART#	SOLD	SIZE	CASE QTY
PTENGL	CASE	1 GALLON	6

2 STEP FUEL SYSTEM AND INTAKE CLEANER



STEP 1 - FUEL SYSTEM CLEANER

- * Contains highly effective detergents to clean fuel injectors, carburetors, and combustion chambers

STEP 2 - INTAKE SYSTEM CLEANER

- * Formulated to clean your intake manifold, valves, pistons and combustion chambers to help restore fuel mileage and reduce emissions
- * Created for gas engines (not to be used with diesel and rotary engines)

IFA PART#	SOLD	SIZE	CASE QTY
PT2STEP	CASE	2 X 12OZ	12 KITS
PTFSC	CASE	12 OUNCES	12
PTFIC	CASE	12 OUNCES	12

Also sold separately to maximize service options

UNIVERSAL POWER STEERING FLUID



- * Prevents leakage, squealing, corrosion and oxidation year round!
- * Formulated to meet the service requirements of virtually all domestic and imported vehicles

IFA PART#	SOLD	SIZE	CASE QTY
PTUPSF	CASE	1 GALLON	6

DIESEL EXHAUST FLUID



- * Ready to use formula that acts as a NOx reducing agent inside SCR (Selective Catalytic Reduction) emission control systems
- * Non-Hazardous, Non-Toxic, Non-Flammable (for use only in DEF storage tanks)

IFA PART#	SOLD	SIZE	CASE QTY
PTDEF	CASE	1 GALLON	6

FROM THE INDUSTRY'S TOP PROFESSIONAL BRANDS...



BRAKE MAINTENANCE PRODUCTS

DOT 3 BRAKE FLUID

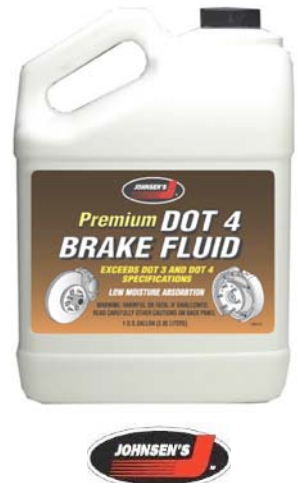
- * Minimum boiling point of 450 degrees Fahrenheit
- * Meets, exceeds DOT 3 and all other Federal and SAE specs and standards
- * Mixes with all DOT 3 approved brake fluids
- * Designed for use in disc, drum and ABS brake systems



IFA PART#	SOLD	SIZE	CASE QTY
2224	PER CASE	12 OUNCES	24
2232	PER CASE	32 OUNCES	12
2234	EACH	1 GALLON	4

DOT 4 BRAKE FLUID

- * A premium quality brake fluid that contains special ingredients to guard against vapor lock and moisture absorption
- * Exceeds requirements for both DOT 3 and DOT 4 brake fluids
- * Designed for use in disc, drum and ABS brake systems



IFA PART#	SOLD	SIZE	CASE QTY
5032	PER CASE	32 OUNCES	12
5034	EACH	1 GALLON	4

BRAKE PARTS CLEANER

- * Non-Chlorinated cleaner removes brake fluid, grease and oil instantly
- * Meets the new lower V.O.C. requirements in CA and the OTC states



VOC COMPLIANT

note: 5 gallon size available for local delivery only

IFA PART#	SOLD	SIZE	CASE QTY
2415	EACH	5 GALLON	1
2417	PER CASE	13 OUNCES	12

DISC BRAKE SILENCER

- * Stops squeals/squeaks
- * Forms a high temp, water resistant film to dampen vibration at brake pad/caliper interface
- * For use on all new disc brake pads



IFA PART#	SOLD	SIZE	CASE QTY
80991	PACK OF 2	.5 OZ TUBE	12
80995	EACH	9 OUNCES	12

ULTRA DISC BRAKE CALIPER LUBE



- * Environmentally-friendly, nonmelting, synthetic lubricants, formulated to lubricate under the most adverse brake conditions, assuring that critical caliper pins, slides, sleeves, bushings and pistons remain lubricated throughout pad life
- * Red bottle is a hi-temp silicone-based compound, fortified with moly for superior performance in high pressure conditions, providing continuous lubrication with no dropping point (Temperature range -65°F to 550°F (-54°C to 288°C) intermittent)

IFA PART#	COLOR	SOLD	SIZE	CASE QTY
24110	GREEN	EACH	8 OUNCES	6
24115	RED	EACH	8 OUNCES	6

* Maintains a grease like consistency and will not liquefy



BRAKE CALIPER SYNTHETIC GREASE

- * Specially developed synthetic grease for use in disc & drum brake systems at metal to metal contact points & sliding surfaces
- * High temperature grease is plastic & rubber safe, resists moisture and will not washout



IFA PART#	SOLD	SIZE	CASE QTY
3301	EACH	2.5 OZ TUBE	6
3303	EACH	12 OUNCES	12

(3303 comes with brush included)

DISC BRAKE BEARING GREASE



- * For use in automotive disc/drum brakes and chassis/suspension systems
- * Contains rust and oxidation inhibitors, anti-wear and extreme pressure additives

IFA PART#	SOLD	SIZE	CASE QTY
3166	EACH	7 POUNDS	4

BATTERY PRODUCTS

BATTERY CLEANER



- * Specially formulated product to help remove corrosion, neutralize acid spills and assure maximum battery current flow
- * Reduces voltage leakage, increasing overall battery life
- * Use before Johnsen's Battery Terminal Protector for a complete service package



IFA PART#	SOLD	SIZE	CASE QTY
4606	EACH	9 OUNCES	12

BATTERY TERMINAL PROTECTOR



- * Provides a lead-free protective coating, which protects terminals from corrosion
- * Improves starting and promotes longer life
- * Dries quickly, protects instantly



IFA PART#	SOLD	SIZE	CASE QTY
4605	EACH	7.5 OUNCES	12
80370	EACH	5 OUNCES	12

POWER STEERING PRODUCTS

POWER STEERING FLUID

- * A high quality power steering fluid and conditioner
- * Contains corrosion inhibitors and keeps system clean and operating smoothly
- * Mixes with most factory power steering fluids

IFA PART#	SOLD	SIZE	CASE QTY
2812	PER CASE	12 OUNCES	12
PS4610	PER CASE	32 OUNCES	12
PS4611	EACH	1 GALLON	4



UNIVERSAL POWER STEERING FLUID

- * A high quality UNIVERSAL power steering fluid and conditioner
- * Meets most domestic and import vehicle specifications including Ford, GM, Chrysler, Honda, Toyota and Nissan



IFA PART#	SOLD	SIZE	CASE QTY
2912	PER CASE	12 OUNCES	12

HONDA/ACURA POWER STEERING FLUID

- * Specially formulated for use in Honda and Acura only
- * Contains a detergent additive and anti-wear agent to clean system and reduce noise and wear of bearings, pistons and valves



IFA PART#	SOLD	SIZE	CASE QTY
2612	PER CASE	12 OUNCES	12

RADIATOR PRODUCTS

RADIATOR ANTI-RUST / WATER PUMP LUBE



- * Mixes with all ethylene glycol based anti-freeze/coolants
- * Prevents evaporation, formation of rust and corrosion
- * Keeps entire cooling system clean and running efficiently
- * Lubricates and protects all aluminum and/or metal parts, hoses and seals

IFA PART#	SOLD	SIZE	CASE QTY
C10-12	PER CASE	11 OUNCES	12

RADIATOR STOP LEAK



- * Millions of tiny particles permanently seal leaks in plastic, aluminum and metal radiators, heater cores, blocks, heads, gaskets and freeze plugs
- * Compatible with ALL brands of antifreeze including conventional green or blue (silicate-based) and extended life red/orange or yellow (OAT/HOAT) coolant (works in minutes)

one bottle for 4cyl
two for 6, 8, or 10

IFA PART#	SOLD	SIZE	CASE QTY
R6	PER CASE	5.5 OUNCES	12

OEM FLUIDS

MERCON SP AUTO TRANS FLUID



- * Engineered and recommended by Ford Motor Company specifically for use in Ford, Lincoln and Mercury vehicles that require MERCON® SP fluid
- * For improved durability and torque handling capacity in TorqShift™ transmissions
- * Inhibits the formation of gum, sludge, lacquer and foam

DIESEL COOLING SYSTEM ADDITIVE



- * For use in diesel engine cooling systems equipped with the green colored Motorcraft® coolant meeting Ford specification ESE-M97B44-A and for use in trucks equipped with Caterpillar 3126E engines with the yellow colored coolant meeting Ford specification WSS-M97B51-A1
- * Designed to replace additives depleted between cooling changeout

IFA PART#	SOLD	SIZE	CASE QTY
MERCONSP	PER CASE	32 OUNCES	12

IFA PART#	SOLD	SIZE	CASE QTY
VC8	EACH	16 OUNCES	12

CONTINUOUSLY VARIABLE CHAIN TYPE TRANSMISSION FLUID



- * The only fluid approved for use in CFT-30 transmissions – any other fluid may cause internal damage
- * Helps protect against sludge and varnish buildup, reduces wear
- * Provides optimal frictional characteristics and good low-temperature fluidity
- * Dyed blue for easy leak detection

IFA PART#	SOLD	SIZE	CASE QTY
CHAINCVT	PER CASE	32 OUNCES	12

AUTO-TRAK II TRANSFER CASE FLUID

- * Recommended for GM four-wheel drives with automatic transfer cases
- * Withstands extended high-temperature operation
- * Improved oxidation resistance extends life
- * Color of fluid is blue



SYNCHROMESH TRANSMISSION FLUID

- * Designed for use in GM Manual transmissions
- * Excellent lubrication properties and does not break down
- * Partially synthetic
- * Color of fluid is amber



IFA PART#	SOLD	SIZE	CASE QTY
AT2	PER CASE	33.8 OUNCES	12

IFA PART#	SOLD	SIZE	CASE QTY
STF	PER CASE	32 OUNCES	12

SEA FOAM®

"one of the best kept secrets in the automotive business"



- * SEA FOAM Motor Treatment is a 100% pure petroleum product that safely and effectively cleans internal fuel and oil system components, helping your gasoline or diesel engine run cleaner and more efficiently
- * SEA FOAM is an EPA-registered product, and will not harm engine components, seals, gaskets, catalytic converters or oxygen sensors

WHEN ADDED TO CRANKCASE (OIL)

- * Removes moisture; cleans dirty parts; frees sticky lifters and rings; increases RPM vacuum and compression; cleans PCV valve systems; for use in most motor oils, including synthetic; 1 pint treats up to 10 quarts of oil

WHEN ADDED TO GAS OR DIESEL FUEL TANK

- * Cleans fuel injectors; lubricates upper cylinders; de-ices and removes moisture; stabilizes and conditions fuel; use for engine storage; serves as diesel fuel conditioner and antigel; 1 pint treats up to 25 gallons of fuel

WHEN ADDED TO INTAKE, VACUUM OR INDUCTION SYSTEMS

- * Cleans carbon buildup; gives smoother idle; cures hesitation and pings; cleans intake valves, pistons and catalytic converter odors; restores power and pickup



Using Motor Treatment



Watch the video @ seafoamsales.com



IFA PART#	SOLD	SIZE	CASE QTY
SF16	PER CASE	16 OUNCES	24

SPECIALTY CLEANING PRODUCTS

CARBURETOR CLEANER



- * Removes varnish, sludge, grease, gum & other deposits
- * Excellent for use on carb, linkage, PVC valves and automatic choke
- * Meets new EPA regulations and VOC requirements
- * Oxygen sensor safe



IFA PART#	SOLD	SIZE	CASE QTY
4641	PER CASE	10 OUNCES	12
4642	PER CASE	16.25 OUNCES	12

THROTTLE BODY AND AIR INTAKE CLEANER



- * Cleans gum and varnish from the throttle valves and throttle body for easier starting and smoother engine performance
- * For use on fuel injected gasoline engines (both throttle body and multi-port)



IFA PART#	SOLD	SIZE	CASE QTY
05078	PER CASE	12 OUNCES	12

ENGINE DEGREASER / ENGINE CLEANER



- * GUNK® Engine Brite & Foamy Engine Brite degreasers/cleaners remove grease and grime from engines, metals, tires, industrial equipment, and even concrete where water is permitted
- * Easy to use, requires no tools or special skills; Rinses easily with water
- * Inexpensive way to clean equipment
- * Emulsifies oil and greasy surfaces before your eyes!
- * Foamy Engine Brite also cleans air and waterborne soils - Foam clings to vertical surfaces long enough to effect cleaning



IFA PART#	SOLD	SIZE	CASE QTY	DESCRIPTION
EB1	EACH	15 OUNCES	12	ENGINE BRITE
FEB1	EACH	17 OUNCES	12	FOAMY ENGINE BRITE

GASKETING

THE RIGHT STUFF® GASKET MAKER



- * Return equipment to service immediately when you make leak-proof gaskets in just one minute with the Right Stuff®
- * This latest elastomeric rubber gasket technology is blowout resistant and outperforms pre-cut gaskets
- * Specified on production lines by GM, Ford, Chrysler, and Mercedes-Benz
- * Temperature range: -75°F to 450°F (-59°C to 232°C) continuous, 500°F (260°C) intermittent; resists ATF, coolant, oil and other shop fluids
- * Protects against leaks caused by vibration and thermal expansion and is sensor-safe



IFA PART#	SOLD	STYLE	SIZE	CASE QTY
29208	EACH	CARTRIDGE	5 OUNCES	6
25224	EACH	AUTO TUBE®	7 OUNCES	6
99070	EACH	KIT	2 X 5 OZ	4

KIT includes 2 of part# 29208 and Caulking Gun (included with KIT only)

THE RIGHT STUFF® GASKET MAKER - GREY (FOR IMPORTS)



- * Specifically designed to perform under higher torque loads caused by engines with closely spaced bolt patterns (typically import vehicles)
- * OEM specified by Honda, Nissan and Mazda and is resistant to powertrain fluids (oil, coolant, and ATF)



IFA PART#	SOLD	STYLE	SIZE	CASE QTY
34311	EACH	CARTRIDGE	5 OUNCES	6

PERMATEX® SILICONE GASKET MAKERS



SENSOR SAFE BLUE SILICONE

- * THE ORIGINAL, Will not foul oxygen sensors (SENSOR SAFE)
- * Replaces almost any cut gasket
- * Makes reliable gaskets that resist cracking, shrinking and migrating
- * Coats pre-cut gaskets to increase reliability, resists auto and shop fluids



IFA PART#	COLOR	SOLD	SIZE	CASE QTY
80022	BLUE	EACH	3 OUNCES	12



HIGH-TEMP RED RTV SILICONE

- * OEM specified, formulated for hi-temp applications or heavy-duty use
- * Replaces almost any cut gasket
- * Makes reliable gaskets that resist cracking, shrinking and migrating
- * Coats pre-cut gaskets to increase reliability, resists auto and shop fluids



IFA PART#	COLOR	SOLD	SIZE	CASE QTY
81160	RED	EACH	3 OUNCES	12



SENSOR SAFE ULTRA COPPER HIGH-TEMP RTV SILICONE

- * OEM specified, MAX TEMP for 4 cylinder, turbo or high-performance engines
- * The most advanced, high temp RTV silicone gasket available
- * Sensor safe, low odor, non-corrosive with superior adhesion
- * 3 times more oil resistant than conventional silicones
- * 8 times more flexible than cut gaskets, resists auto and shop fluids; vibration



IFA PART#	COLOR	SOLD	SIZE	CASE QTY
81878	COPPER	EACH	3 OUNCES	12



SENSOR SAFE ULTRA BLACK HIGH-TEMP RTV SILICONE

- * OEM specified, MAX OIL RESISTANCE
- * For warranty requirements, ensures extended drivetrain warranty compliance
- * Fast-curing formula, sensor safe, low odor, non-corrosive
- * Meets performance specs of OE silicone gaskets
- * Retains high flexibility, oil resistance properties through use



IFA PART#	COLOR	SOLD	SIZE	CASE QTY
82180	BLACK	EACH	3.35 OUNCES	12
24105	BLACK	EACH	13 OUNCES	12



SENSOR SAFE ULTRA GREY RTV SILICONE

- * OEM specified
- * Designed specially for high-torque and high vibration applications
- * Exceeds manufacturers' performance requirements
- * Non-corrosive and low-odor, maximum vibration resistance
- * Outstanding resistance to oils, cooling and shop fluids, guaranteed not to leak!



IFA PART#	COLOR	SOLD	SIZE	CASE QTY
82194	GREY	EACH	3.5 OUNCES	12

PROSEAL® BLACK SILICONE GASKET MAKER



- * Forms gaskets in place instantly
- * Replaces cork, paper, asbestos and felt pre-cut gaskets
- * Resists high pressure and temperatures from -80°F to 600°F (-62°C to 315°C)
- * Resists oil, antifreeze, grease and transmission fluid



IFA PART#	SOLD	SIZE	CASE QTY
80046	EACH	3 OUNCES	12

PROSEAL® RED SILICONE GASKET MAKER



- * Specially formulated for high temperature applications to 700°F (370°C)
- * Resists high pressures to 5,000 psi, shrinking and cracking
- * Resists oil, antifreeze, grease, and transmission fluids and dries flexible



IFA PART#	SOLD	SIZE	CASE QTY
80726	EACH	3 OUNCES	12

PROSEAL® CLEAR RTV SILICONE ADHESIVE AND SEALANT



- * Bonds, seals, caulks & insulates withstanding temperatures from -70°F to 500°F
- * Resists oil, transmission fluid, grease, water, and antifreeze
- * Provides a waterproof seal and remains flexible
- * Bonds and seals glass, metal, leather, vinyl, rubber, cracked hoses and wires



IFA PART#	SOLD	SIZE	CASE QTY
80066	EACH	3 OUNCES	12

WEATHERSTRIP & GASKET ADHESIVE



- * High strength, fast drying adhesive bonds rubber, fabric, vinyl, upholstery, carpeting and various kinds of weatherstripping
- * Resistant to water, gasoline, kerosene and antifreeze
- * Also bonds pre-cut gaskets to metal (useful for holding pan gaskets in place during re-assembly of transmission)



IFA PART#	SOLD	SIZE	CASE QTY
88881	EACH	5 OUNCES	12

PERMATEX® HIGH TACK™ GASKET SEALANT



- * Fast-drying all-purpose sealant dries to a highly tacky, non-brittle film
- * A reliable general adhesive
- * Effective under temps of -65°F to 500°F (-54°C to 260°C).
- * Resists gas, oil, antifreeze, axle lube, kerosene, propane & butane

BRUSH TOP



IFA PART#	SOLD	SIZE	CASE QTY
80062	EACH	4 OUNCES	12

PERMATEX® BLACK SILICONE ADHESIVE SEALANT



- * General-purpose, black RTV indoor/outdoor sealant
- * Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl, weather stripping and vinyl tops
- * Temperature range -75°F to 450°F (-59°C to 232°C)



IFA PART#	SOLD	SIZE	CASE QTY
81158	EACH	3 OUNCES	12

SPECIALTY

MEDIUM STRENGTH THREADLOCKER



- * OEM specified, all-purpose, medium strength **BLUE** threadlocker is ideal for all nut and bolt applications 1/4" to 3/4" (6mm to 20mm)
- * Eliminates need for stocking expensive lock nuts and lock washers
- * Locks and seals while preventing parts loosening due to vibration
- * Protects threads from corrosion
- * Removable with hand tools for easy disassembly



IFA PART#	SOLD	SIZE	CASE QTY
24200	EACH	6 ML	12
24240	EACH	36 ML	6

HIGH STRENGTH THREADLOCKER



- * OEM specified, high strength **RED** threadlocker is ideal for heavy-duty applications 3/8" to 1" (10mm to 25mm)
- * Especially well-suited for permanently locking studs and press fits
- * Adds 3,000 PSI holding power on slip and press fit assemblies
- * Replaces set screws & snap rings
- * Locks against vibration loosening



IFA PART#	SOLD	SIZE	CASE QTY
27100	EACH	6 ML	12
27140	EACH	36 ML	6

This product may require heat or special tools for removal

STRIPPED THREAD REPAIR KIT



- * Reliable thread repairs without drills, taps, tools or inserts
- * Restores worn, stripped or damaged threads and eliminates future corrosion, galling, seizing and rust
- * Effective up to 128 ft. lbs. of torque and between repairs most metal-to-metal fasteners



IFA PART#	SOLD	CASE QTY
81668	EACH	6

ANTI-SEIZE LUBRICANT



- * A highly refined blend of aluminum, copper and graphite lubricants
- * Use during assembly to prevent galling, corrosion and seizing and to assure easier disassembly
- * Salt, corrosion and moisture resistant



IFA PART#	SOLD	SIZE	CASE QTY
80078	EACH	8 OUNCES (BRUSH TOP)	12

DON'T FORGET TO VIEW THE NEW PRODUCT LINES FROM:



NEW PRODUCT

PAGES 288-293



DIELECTRIC TUNE-UP GREASE



- * Protects electrical connections and wiring from salt, dirt and corrosion
- * Extends the life of bulb sockets
- * Prevents voltage leakage around electrical connections
- * Prevents spark plugs from fusing to boots



IFA PART#	SOLD	SIZE	CASE QTY
22058	EACH	3 OUNCES	6

WHITE LITHIUM GREASE



- * All-purpose white lubricant for metal-to-metal and metal-to-plastic applications
- * Protects against rust and makes surfaces friction-free
- * Stainless, non-toxic, and contains no ODCs
- * Withstands moisture and high heat



IFA PART#	SOLD	SIZE	CASE QTY
81981	EACH	10.75 OZ	12

SPRAY N SEAL LEAK REPAIR



- * A sprayable sealer that forms a durable rubber barrier that stop leaks in minutes
- * Designed specifically to target low pressure leaks in hoses, oil pans, differentials, transmission pans, fluid reservoirs as well as plastics, PVC and metal pipes, their connections and much more!
- * Eliminates the need for liquid additive sealers that can swell and foul internal seals
- * Note: In many cases, more than one coat will be needed to solve the problem



Targets Any Low Pressure Leak with No Disassembly Required!

IFA PART#	SOLD	SIZE	CASE QTY
82099	EACH	9 OUNCES	6

SILICONE SPRAY LUBRICANT



- * Lubricates and waterproofs all types of mechanical equipment
- * Stops friction and squeaks
- * Prevents locks, doors and windows from binding
- * Protects and renews rubber mountings, bushings and weatherstripping



IFA PART#	SOLD	SIZE	CASE QTY
80070	EACH	10.25 OZ	12

BELT DRESSING AND CONDITIONER



- * Extends belt life
- * Penetrates the cord fibers of "V" belts to restore pliability and flexibility
- * Prevents belt slippage due to heat, cold, dampness, dust and glazing
- * Eliminates squeaking & slipping



IFA PART#	SOLD	SIZE	CASE QTY
80073	EACH	12 OUNCES	12

GEAR OIL



- * Specifically for transmissions, transfer cases, and differentials
- * Higher viscosity to better protect gears and ensure transfer of lubricant throughout gear train

IFA PART#	WEIGHT	SIZE
GL2	90W	5 GALLON
GL5	80W90	5 GALLON
GL140	140W	5 GALLON

SMOG MACHINE GAS



- * All smog gas comes from leading suppliers of gases used commonly in local emissions testing garages
- * Meets state certification calibration standards from California's Bureau of Automotive Repair (BAR) as well as Federal EPA I/M 240 and ASM specifications

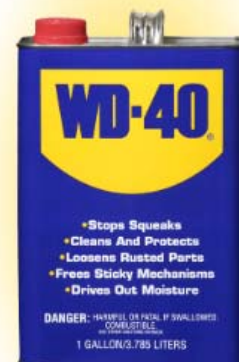
***NON-RETURNABLE**

IFA PART#	DESCRIPTION
HI	BAR 97 HI GAS
LO	BAR 97 LO GAS
ZERO	BAR 97 ZERO GAS

WD-40



- * Protects metal from rust and corrosion, penetrates stuck parts, displaces moisture, and lubricates just about anything!
- * Also great when it comes to cleaning grease, grime, and other marks from most surfaces
- * New Smart Straw features a permanently attached straw that sprays two ways - simply flip it up for a precision stream and down for a regular spray action



Never Lose the Straw Again®

IFA PART#	SOLD	SIZE	CASE QTY
WD40-9SS	EACH	9 OUNCES	6
WD40-14SS	EACH	14 OUNCES	12
WD40GAL	EACH	1 GALLON	EACH

The Can With A Thousand Uses!

EQUIPMENT - PAGES 237 THROUGH 249



REFRIGERANTS (WITH ADDITIVES)

ARCTIC FREEZE 134A +

- * Replaces lost refrigerant & oil to A/C system
- * Formulated with advanced QwikBoost chemistry that was developed for NASA, providing maximum cooling power and colder air up to 50% faster
- * Trigger dispenser makes filling system fast and easy



IFA PART#	SOLD	SIZE	CASE QTY
ARCFR2	EACH	14 OUNCES	6

"DIRECT CHARGE" TUNE-UP R134A

- * Complete A/C maintenance product!
- * Direct charge fitting allows tune up to be charged directly into A/C system (No Tools Needed!)
- * Contents:
Oil Charge w/O'Ring Conditioner
"Maxi Cool" Performance Booster
134a Refrigerant
Leak Sealer, Detector & A/C Cleaner



IFA PART#	SOLD	SIZE	CASE QTY
TUP134	EACH	5+ OUNCES	12

LUBRICANTS

ESTER OILS



- * Synthetic formula provides excellent lubricity & compressor protection
- * Includes additives to prevent acid formation and corrosion
- * Includes o-ring conditioner, anti-wear and anti-oxidant additives
- * Compatible with PAG and mineral oils, R134a and R12

IFA PART#	DESCRIPTION	SIZE
E8	WITH U/V DYE	8 OUNCES
E32	WITH U/V DYE	32 OUNCES
E31-C	CLEAR - NO DYE	32 OUNCES

PAG OILS



- * Advanced high performance PAG provides excellent moisture resistance
- * Specially formulated for aftermarket air conditioning systems using R134a refrigerant
- * Contains conditioners, inhibitors and anti-wear agents for excellent lubricity and compressor protection, helping reduce compressor wear

IFA PART#	DESCRIPTION	SIZE
P46-32D	PAG 46 WITH U/V DYE	32 OUNCES
P100-32D	PAG 100 WITH U/V DYE	32 OUNCES
P150-32D	PAG 150 WITH U/V DYE	32 OUNCES
PB32	BLUE UNIVERSAL PAG	32 OUNCES

- * Universal BLUE pag oil is designed for use in aftermarket air conditioning systems using R134a refrigerant and 125 viscosity PAG oil



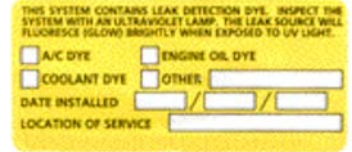
LEAK DETECTION

U/V DYES



- * Concentrated U/V leak detection dye is effective in R134a & R12 systems
- * Detectable when exposed to U/V light
- * Compatible with PAG, ester, and mineral oils
- * Does not contain solvents!
- * Will not harm A/C systems or recovery equipment
- * D8 treats up to 32 vehicles, D32 treats up to 128 vehicles (when using 1/4 oz per application)

U/V DYE LABELS



- * multi use labels warn of dye in a/c or other engine systems
- * Roll of ten (10)



IFA PART#	DESCRIPTION	SIZE
D8	U/V DYE WITH SELF-MEASURING BOTTLE	8 OUNCES
D32	U/V DYE WITH MEASURING INDICATORS	32 OUNCES

IFA PART#
DLAB-10

A/C FLUSH

A/C EXTRA FLUSH



- * Premium quality flush
- * Fast evaporating
- * Removes old oil and other contaminants
- * Pleasant citrus odor
- * Non-Flammable, Non-Hazardous
- * Biodegradable & Environmentally friendly
- * Compatible with R134a and R12 lubricants



IFA PART#	SIZE
EFG	1 GALLON

A/C EXTRA FLUSH II



- * Same qualities as EFG (above)
- * Also removes polymeric stop leak agents
- * Leaves a micro-thin coating on internal system components which provides protection against future harmful stop leak polymers

IFA PART#	SIZE
EFG2	1 GALLON



A/C FAST FLUSH



- * Value priced flush
- * Very effective cleaner
- * Same qualities as EFG (above)
- * Removes old oil and other contaminants
- * Biodegradable

IFA PART#	SIZE
FFQ	32 OUNCES



MASTER MAINTENANCE ASSORTMENT KITS

"THE YELLOW BOX" - A/C ORGANIZER ASSORTMENT



- * Refillable A/C parts system LOADED with 100+ SKUs of over 700 service parts
- * Domestic, Asian and European vehicle coverage
- * Kit includes R134a service caps, valves, primary seals, slim line and sealing washers, plus FULL o-ring coverage
- * Heavy-duty portable cabinet comes with handle and snap-lock cover



- * Laminated templates in each compartment

IFA PART#
A2005

ORIGINAL A/C ORGANIZER ASSORTMENT



- * Refillable A/C parts system with 80+ SKUs of over 500 service parts
- * Easy to use storage allows consolidation into one organizer
- * Laminated templates in each compartment for quick and easy part I.D.
- * Heavy duty portable cabinet comes with handle and locking cover



CONTENTS

- Box #1 - Orifice Tubes
- Box #2 - Shaft Keys, Shims, Springs
- Box #3 - 24 Types of different O-Rings
- Box #4 - O-Rings, Adapters, Valve Cores
- Box #5 - Chrysler Gaskets, GM Compressor Washers

IFA PART#
A1900

O-RINGS

O-RING ASSORTMENT KITS



AN A/C
MECHANIC'S
DREAM



- * Laminated templates for easy identification
- * Refillable

IFA PART#	DESCRIPTION
15702	COMPLETE 2 BOX UNIVERSAL ASSORTMENT KIT (BOTH 14330 & 14347 - 61 TOTAL SKUS - 465 PCS)
14330	UNIVERSAL BOX #1 (34 SKUS - 240 PCS)
14347	UNIVERSAL BOX #2 (27 SKUS - 225 PCS)
OR350	DELUXE HNBR GREEN ASSORTMENT (34 OF THE MOST POPULAR SKUS - 350 PCS)

ORIFICE TUBES

ORIFICE TUBE ASSORTMENT KITS



- * Laminated templates for easy identification
- * Refillable



IFA PART#	DESCRIPTION
1712	15 PC KIT
1729	26 PC ULTIMATE KIT (COVERS MOST VEHICLES!)

CORES / CAPS / SEALS / ADAPTERS

VALVE CORE ASSORTMENT



- * Laminated template for easy identification
- * Refillable
- * Includes valve core remover



IFA PART#	DESCRIPTION
2680	42 PC KIT

UNIVERSAL VALVE CORE & CAP ASST



- * Laminated template for easy identification
- * Refillable
- * Includes R134a, JRA, Aeroquip and R12 caps



IFA PART#	DESCRIPTION
13722	75 PC KIT

OEM R134a UNIVERSAL PRIMARY SEAL AND CAP ASSORTMENT



- * Laminated template for easy identification
- * Refillable



IFA PART#	DESCRIPTION
13692	16 PC KIT

FACTORY OEM R-134a SERVICE PORTS ARE A MAJOR SOURCE OF LEAKS -- OEM R-134a (608, 610 and Aeroquip style high and low side) primary seals are a major source of R-134a refrigerant leaks due to their use of EPDM rubber ball valves that wear-out over time and leak refrigerant. Always make sure to use and securely tighten the caps with these types of service ports when you replace them.

10 VEHICLE RETROFIT ASSORTMENT



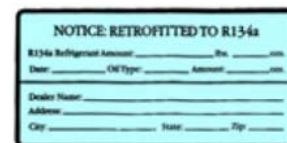
- * Laminated template for easy identification
- * Refillable

Looking for Steel retrofit adapters?
Special order part# STEEL10RA
(does not include separate valve cores or 606's found in regular 10RA kit)

Looking for a larger kit?
Special order part# 20RA
(same as 10RA but twice the parts)

IFA PART#	DESCRIPTION
10RA	56 PC KIT

RETROFIT LABEL



- * Mylar Retrofit label
- * Pack of ten (10)

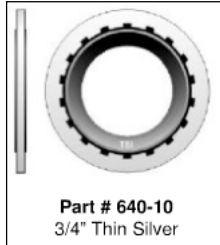
IFA PART#
687-10

WASHERS / COUPLERS

COMPRESSOR SEALING WASHERS



Part # 639-10
5/8" Thin Silver



Part # 640-10
3/4" Thin Silver



Part # 887-10
8mm GM Block Fitting
"Slim Line"



Part # 889-10
15mm GM Block Fitting
"Slim Line"



Part # 890-10
17mm GM Block fitting
"Slim Line"



* All washers sold per pack of 10

MANIFOLD GAUGE COUPLERS



- * 90° Snap-on quick coupler
- * Opens and closes manually

- * 14MM x 1.5
- * Designed not to vent



IFA PART#	DESCRIPTION
17713	LOW SIDE COUPLER (BLUE)
17720	HIGH SIDE COUPLER (RED)

A/C TOOLS AND EXTRAS

EZ CHILL® R134A CHECK GAUGE



- * Easy to use hand-held gauge that checks low side pressure
- * Features indicator needle that locks in place on color-coded analog gauge for easy viewing and diagnostics



IFA PART#
GEZ1

TEST THERMOMETER



- * Checks vent temperature to evaluate A/C performance
- * Measures 0° - 220° F
- * 5" probe with protective cover
- * Magnified dial face



IFA PART#
TH27

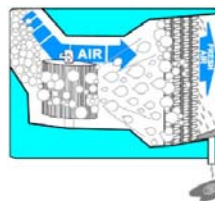
EVAPORATOR CLEANER AND DEODORIZER



- * Foaming cleanser eliminates stale odors fast
- * Safe for all mobile, stationary A/C evaporators
- * One can works for multiple vehicles

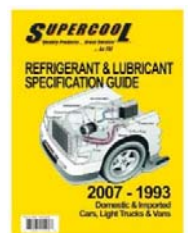


IFA PART# SIZE
6984 20.5 OZ



REFRIGERANT & LUBRICANT GUIDE

- * Full coverage from 1993 to 2007 domestic and import
- * Includes compressor oil viscosity and system capacity, plus refrigerant type and clutch gaps



IFA PART#
15368

OIL FILTER WRENCHES

SWIVEL GRIP WRENCHES

PREMIUM PRO-SWIVOIL™ WRENCHES



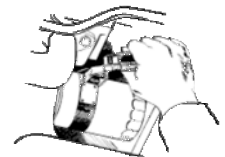
- * Stainless and plated steel material band - lifetime corrosion resistance
- * Cushion grip dual material handle provides greater comfort and better gripping force
- * Dimpled bands provide extra gripping power
- * 180 degree swivel action

IFA PART#	SIZE	RANGE (INCHES)	METRIC RANGE
3941	SMALL	2 1/2" to 3"	64mm to 76mm
3942	MEDIUM	2 7/8" to 3 1/4"	73mm to 83mm
3943	LARGE	3 1/2" to 3 7/8"	89mm to 99mm
3944	EXTRA LARGE	3 3/4" to 4 3/8"	96mm to 111mm

STANDARD SWIVEL WRENCHES

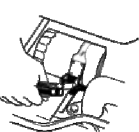


- * Handle swivels to clear obstructions, making it easier to turn filters in hard to reach locations
- * 1" wide stainless steel band with gripper "teeth"
- * Vinyl covered handle

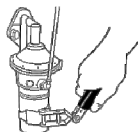


IFA PART#	SIZE	RANGE (INCHES)	METRIC RANGE
53250	LARGE	4 1/8" to 4 1/2"	105mm to 113mm
53500	MIDSIZE	3 1/2" to 3 7/8"	89mm to 99mm
53700	SMALL	2 7/8" to 3 1/4"	73mm to 83mm

NARROW BAND SWIVEL WRENCHES



OIL



FUEL

- * Special narrow 1/2" band for use in tight hard to reach spots
- * Tough stainless steel band and vinyl-dipped handle
- * Designed with a locking nut, heavy-duty yoke and link mechanism
- * Works on many fuel filters as well!

IFA PART#	SIZE	RANGE (INCHES)	METRIC RANGE
54400	IMPORT	2 3/8" to 2 5/8"	60mm to 67mm
2587	SMALL	2 9/16" to 3 1/4"	65mm to 83mm
2588	LARGE	2 7/8" to 3 3/4"	75mm to 95mm

OIL FILTER WRENCHES

SWIVEL GRIP WRENCHES

HEAVY DUTY LARGE SWIVEL WRENCHES



25365

25366

- * Stainless steel band is 1 1/4" wide for a stronger grip
- * Dimples in band create additional bite for non-slip performance
- * Handle swivels to clear obstructions
- * Cushioned grip for comfort and safety



USE FOR REMOVING
"HEAVY DUTY"
OIL FILTERS FOUND ON
VEHICLES SUCH AS:
CHEVY / GMC TILT CAB
ISUZU NPR and MORE!

IFA PART#	SIZE	RANGE (INCHES)	METRIC RANGE
25365	X-LARGE	4 5/16" to 4 3/4"	110mm to 121mm
25366	X-LARGE	5 1/4" to 5 3/4"	133mm to 146mm

"4 IN 1" SWIVEL WRENCH



- * Takes care of all your needs with one swivel handle and four interchangeable 1" wide stainless steel bands
- * Dimples in bands bite into filter for non-slip removal
- * Bands are removed and installed with the use of two detent pins with Webb-Lock™ design



IFA PART#	SIZE	RANGE (INCHES)	METRIC RANGE
25447	SM to LRG	2 3/8" to 4 3/8"	60mm to 111mm

"BIG RANGE" STRAP WRENCH



- * Strong nylon belt adjusts quickly
- * Use with 1/2" drive or 3/4" wrench



IFA PART#	RANGE (INCHES)	METRIC RANGE
63500	UP TO 6"	UP TO 153mm

SQUARE DRIVE WRENCH



- * Designed and used for hard to reach areas
- * Easy to use, simply place the wrench on the filter, use a 3/8" square drive tool to remove
- * Band will not crush filter

Do not use with power tools

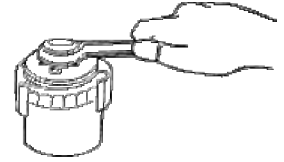
IFA PART#	RANGE (INCHES)	METRIC RANGE
2029	3 7/16" to 3 3/4"	87mm to 95mm

OIL FILTER WRENCHES

IMPORT AND WIDE RANGE WRENCHES (SPRING ACTION)



- * Steel jaws to grip filter without slipping
- * Works in tight spots from the top of the filter
- * Use with 3/8" square drive



IFA PART#	SIZE	RANGE (INCHES)	METRIC RANGE
63250	WIDE	3 1/8" to 3 7/8"	79mm to 98mm
63600	IMPORT	2 1/2" to 3 1/8"	63mm to 79mm
63630	REPLACEMENT SPRING FOR 63250 AND 63600		

PROFESSIONAL 3-LEGGED WRENCH

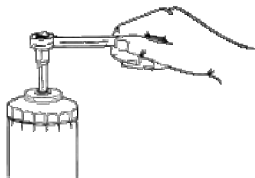


- * Removes hard to get filters, grabbing while tightened
- * Compact and easy to use!
- * Use with 3/8" square drive



IFA PART#	RANGE (INCHES)	METRIC RANGE
25413	2 1/2" to 4 1/2"	63mm to 113mm

END CAP WRENCHES



- * Cup design for easy removal & installation of common spin-on oil filters
- * Match fluted end of oil filter for proper wrench size

PLASTIC STYLE END CAP WRENCHES

* Provides high torque capacity



IFA PART#	SIZE	FLUTES	POPULAR FITS
3860	65mm and 67mm	14	FITS MANY COMMON SPIN-ON OIL FILTERS
3861	74mm and 76mm	15	
3862	76mm	14	
3863	93mm	15	
3864	76mm, 80mm and 93mm	36	
3865	5PC KIT with Case (one of each listed above)		



METAL STYLE END CAP WRENCHES

* Use with 3/8" square drive



IFA PART#	SIZE	FLUTES	POPULAR FITS
54700	65mm and 67mm	14	FITS MANY COMMON SPIN-ON OIL FILTERS
54720	80mm	15	
54740	74mm and 76mm	15	
54760	76mm	14	
54780	93mm	15	
54800	93mm	36	



OIL FILTER WRENCHES

SPECIALTY END CAP / HOUSING WRENCHES & SOCKETS

* FOR ALL RELATED OIL FILTERS, SEE PAGES 7-17 FOR ADDITIONAL CROSS REFERENCES NOT LISTED - NOT FOR USE WITH IMPACT TOOLS

<p>2018</p>  <p>3/8" SQ. DR.</p>  <p>T-45 TORX</p>	<p>2175</p>  <p>27mm HEX</p>  <p>3/8" SQ. DR.</p> <p>74.5mm WITH 14 FLATS</p>	<p>2485</p>  <p>22mm HEX</p>  <p>3/8" SQ. DR.</p> <p>64mm WITH 14 FLATS</p>	<p>2570</p>  <p>3/8" SQ. DR.</p>  <p>27mm - 6 POINT SOCKET</p>
<p>2572</p>  <p>3/8" SQ. DR.</p>  <p>32mm - 6 POINT SOCKET</p>	<p>2573</p>  <p>3/8" SQ. DR.</p>  <p>24mm - 6 POINT SOCKET</p>	<p>2574</p>  <p>3/8" SQ. DR.</p>  <p>36mm - 6 POINT SOCKET</p>	<p>14500</p>  <p>3/8" SQ. DR.</p>  <p>35/36mm - 6 PT SOCKET</p>
<p>14700</p>  <p>3/8" SQ. DR.</p>  <p>32mm - 6 POINT SOCKET</p>	<p>53000</p> <p>FOR 74-28 PLATE</p>  <p>1/2" SQ. DR.</p>  <p>SEE PG# 17</p> <p>GM OIL PLATE WRENCH</p>	<p>HY8815</p>  <p>22mm HEX</p>  <p>88mm WITH 15 FLATS</p>	<p>M0219</p>  <p>22mm HEX</p>  <p>3/8" SQ. DR.</p> <p>74mm WITH 14 FLATS</p>
<p>M0284</p>  <p>22mm HEX</p>  <p>84mm WITH 14 FLATS</p>	<p>OTC6903</p> <p>EXACT FIT</p>  <p>3/8" SQ. DR.</p>  <p>75.6mm WITH 14 FLATS</p>	<p>TOY640</p>  <p>24mm HEX</p>  <p>64mm WITH 14 FLATS</p>	<p>V410</p>  <p>22mm HEX</p>  <p>86.5mm WITH 16 FLATS</p>

* FOR ALL RELATED OIL FILTERS, SEE PAGES 7-17 FOR ADDITIONAL CROSS REFERENCES NOT LISTED - NOT FOR USE WITH IMPACT TOOLS

SPECIALTY END CAP / HOUSING WRENCHES & SOCKET SET



IFA PART#
AST2100



* Seven (7) piece wrench & socket set for many domestic and foreign applications, including VW, BMW, newer Mercedes, Saturn, newer Ford Turbo Diesel truck, Toyota, Volvo and the GM 2.2L Eco-tec engine

* Kit includes 27mm, 32mm and 36mm sockets, plus standard 76mm end cap and part#'s 2175, V410 and M0219

* Includes protective storage case



OIL FILTER WRENCHES

APPLICATION CHART FOR SPECIALTY END CAP / HOUSING WRENCHES & SOCKETS

* FOR ALL RELATED OIL FILTERS, SEE PAGES 7-17 FOR ADDITIONAL CROSS REFERENCES NOT LISTED - NOT FOR USE WITH IMPACT TOOLS

WARNING!

When installing, tighten the Filter Housing to the specified torque as shown on the specific housing (most are at 25 Nm or 18 ft. lb.). Over-tightening may cause leakage and may damage the housing!

Use as a guide only. Technician is responsible for proper tool choice.
Due to non-published changes by manufacturers, there may be errors in the chart.

DOMESTIC

VEHICLE INFORMATION	IFA TOOL#	SIZE	CHAMP#	FRAM#	IFA#
CADILLAC CATERA 97-01	2573	24MM	P2224	CH8806	L15309
CADILLAC CTS 03-04	2018	T45 TORX	P4456	CH9447	L35476
CADILLAC CTS, SRX, STS 04-10	M0219	74MM	P2129	CH8765	L25274
CHEVROLET CAVALIER, COBALT, HHR, MALIBU (4) 02-10	2572	32MM	P3244	CH9018	L15436
DODGE SPRINTER DIESEL 03-06	2175	74.5MM	-	CH9301	L25536
DODGE SPRINTER DIESEL 07-09	M0284	84MM	P3969	CH10323	L25646
FORD ESCAPE HYBRID 05-09	OTC6903	76.5MM	P960	CH9641	L15505
FORD FUSION 06-09	OTC6903	76.5MM	P960	CH9641	L15505
FORD TRUCK AND VAN (8) 6.0L 03-08, 6.4L 09-10	2574 or 14500	36MM	LP2017	CH9549	L45515, L45526
GM (4) 2.5L 87-92	53000	N/A	P1072	CH3970	L10085
MERCURY MARINER (4) 2.3L 06-09	OTC6903	76.5MM	P960	CH9641	L15505
MERCURY MILAN (4) 2.3L 06-08	OTC6903	76.5MM	P960	CH9641	L15505
OLDSMOBILE INTRIGUE (6) 3.5L 99-02, AURORA 01-02	M0219	74MM	P2129	CH8765	L25274
OLDSMOBILE ALERO (4) 02-04	2572	32MM	P3244	CH9018	L15436
PONTIAC G5, G6, SOLSTICE (4) 06-10	2572	32MM	P3244	CH9018	L15436
PONTIAC G8 (6) 08-09	M0219	74MM	P2129	CH8765	L25274
PONTIAC GRAND AM, SUNFIRE (4) 02-05	2572	32MM	P3244	CH9018	L15436
SATURN (4) 00-09	2572	32MM	P3244	CH9018	L15436
SATURN (6) 00-05	2573	24MM	P2224	CH8806	L15309

IMPORT

VEHICLE INFORMATION	IFA TOOL#	SIZE	CHAMP#	FRAM#	IFA#
AUDI (4) 05-09	2574 or 14500	36MM	P3986	CH9911	L35581
AUDI (6) 04-10	2574 or 14500	36MM	P3040	CH9461	L38113
AUDI (8) 03-08	2574 or 14500	36MM	P961	CH9690	L45579
AUDI (6,8) 00-09	2574 or 14500	36MM	P846	CH8158	L25545
BMW (4) 96-99	2175	74.5MM	P8445	CH8087	L25251
BMW 325, 525 (4,6) 91-95, M SERIES 95-04	2574 or 14500	36MM	P834	CH5320	L28812
BMW (6) 96-06	2574 or 14500	36MM	P8170	CH8081	L25247
BMW (8) 02-08	2573	24MM	P929	CH9955	L25511
BMW (8,12) 94-04	2574 or 14500	36MM	P8198	CH8213	L35280
HYUNDAI 3.3L, 3.8L 06-10	HY8815	88MM	P972	CH9999	L35610
HYUNDAI AZERA, GENESIS, SONATA, VERACRUZ 09-10	2570	27MM	P982	-	L25848
KIA AMANTI, SEDONA, SORENTO 3.8L 07-08	HY8815	88MM	P972	CH9999	L35610
KIA BORREGO, SEDONA, SORENTO 3.8L 09-10	2570	27MM	P982	-	L25848
LAND ROVER RANGE ROVER 03-05	2574 or 14500	36MM	P8198	CH8213	L35280
LEXUS GS, IS, LS 06-10	2485 or TOY640	64MM	P968	CH10158	L25609
LEXUS ES, RX 07-10	2485 or TOY640	64MM	P967	CH9972	L25608
MAZDA 3, 5, 6, CS7, TRIBUTE HYBRID 03-10	OTC6903	76.5MM	P960	CH9641	L15505
MERCEDES BENZ (4) 94-03, (6) 90-00	2570	27MM	P843	CH6848	L44757
MERCEDES BENZ DIESEL 96-99	2574 or 14500	36MM	P847	CH8871	L45259

* FOR ALL RELATED OIL FILTERS, SEE PAGES 7-17 FOR ADDITIONAL CROSS REFERENCES NOT LISTED - NOT FOR USE WITH IMPACT TOOLS

OIL FILTER WRENCHES

APPLICATION CHART FOR SPECIALTY END CAP / HOUSING WRENCHES & SOCKETS

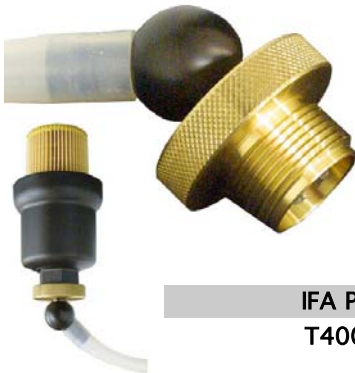
* FOR ALL RELATED OIL FILTERS, SEE PAGES 7-17 FOR ADDITIONAL CROSS REFERENCES NOT LISTED - NOT FOR USE WITH IMPACT TOOLS

IMPORT - CONTINUED

VEHICLE INFORMATION	IFA TOOL#	SIZE	CHAMP#	FRAM#	IFA#
MINI COOPER 1.6L 02-06	2574 or 14500	36MM	P964	CH9584	L15465
PORSCHE CAYENNE (6) 04-010	2574 or 14500	36MM	P846	CH8158	L25545
PORSCHE 911, BOXSTER, CARRERA, CAYENNE (8) 97-09	2574 or 14500	36MM	P838	CH8278	L25316
SAAB 9-3 (6) 06-09	2570	27MM	P2129	CH8765	L25274
SAAB 9-3 (4) 03-09	2572	32MM	P3244	CH9018	L15436
TOYOTA AVALON 05-10, CAMRY 07-10, RAV4 06-10 3.5L	2485 or TOY640	64MM	P967	CH9972	L25608
TOYOTA TUNDRA 07-10	2485 or TOY640	64MM	P979	CH10295	L25702
TOYOTA COROLLA, PRIUS, MATRIX 09-10	2485 or TOY640	64MM	P980	CH10358	L16311
VOLVO S60, S80, XC90, V70, SC70 99-10, S40 00-04	V410	86.5MM	P837	CH8712	L15315
VOLVO S40, V50, C70 04-10	2574 or 14500	36MM	-	CH9954	L35234
VW BEETLE, GOLF, JETTA 1.9L, 2.0L 98-06	2574 or 14500	36MM	P856	CH8530	L45308
VW TOUAREG, PHAETON, PASSAT, JETTA 97-10	2574 or 14500	36MM	P846	CH8158	L25545

* FOR ALL RELATED OIL FILTERS, SEE PAGES 7-17 FOR ADDITIONAL CROSS REFERENCES NOT LISTED - NOT FOR USE WITH IMPACT TOOLS

OIL FILTER HOUSING DRAIN



- * Prevents spillage during oil filter change and allows for drainage of oil from the filter housing
- * Used for draining the oil filter housing on 2005-2006 VW/Audi models with the 2.0L Turbo and the 2.5L inline 5 CYL VW engine
- * Fits housings for oil filters L35234 and L35581

IFA PART#
T40057

Photo with tool connected to filter housing is for visual purposes only. Filter housing is not included.



TORQUE LIMITING RATCHET WRENCH

- * Designed for the Oil Change industry for installing and removing Oil Filter Housing Caps
- * The 3/8" Square Drive has a patented internal torque limiting device set at 25Nm (18 ft lbs), which prevents overtightening during installation of housing caps
- * Provides a full torque function when the ratchet direction is reversed to remove caps
- * Extra long wrench is 290mm (11 1/2") with a full-polish shaft and soft-grip handle



IFA PART#
8940

WARNING!

When installing, tighten the Filter Housing to the specified torque as shown on the specific housing (most are at 25 Nm or 18 ft. lb.). Over-tightening may cause leakage and may damage the housing!

OIL FILTER PLIERS

GATOR JAWS™



- * Powerful gripping teeth, 32 total, grab hold of filters and loosen them from a variety of angles without slipping
- * Snakes around hot exhaust manifolds - No More Burns!
- * Excellent for removing over-tightened filters
- * 23 inches long with tremendous holding power and 2 different settings (slip joint) for optimum grip

IFA PART#	RANGE (INCHES)	METRIC RANGE
7899	1 1/2" to 12"	38mm to 305mm

SLIP JOINT PLIERS

STANDARD SLIP JOINT PLIERS



- * 2 position handle with sure grip teeth to prevent slipping

IFA PART#	COMPANY	RANGE (IN)	METRIC RANGE
50750	LISLE	2 1/4" to 4"	57mm to 102mm
V243	VIM	2" to 4 1/2"	50mm to 114mm

Lisle 50750 is bent at a 20° angle for more applications



RIGHT ANGLE SLIP JOINT PLIERS



- * 5 position, 90° right angle teeth for grip in all directions

IFA PART#	RANGE (INCHES)	METRIC RANGE
212PL	2 1/4" to 4 1/4"	57mm to 108mm

SWIVEL JAW SLIP JOINT PLIERS



- * 2 position handle with sure grip teeth and Jaws that swivel 90° in either direction
- * Jaws adjust to 7 positions in 30 degree increments

IFA PART#	RANGE (INCHES)	METRIC RANGE
51200	2 1/4" to 4 3/4"	57mm to 120mm

HEAVY DUTY SLIP JOINT PLIERS



- * 2 position handle with sure grip teeth to prevent slipping, designed for large heavy duty truck and tractor oil filters

IFA PART#	RANGE (INCHES)	METRIC RANGE
50950	3 5/8" to 6"	92mm to 153mm

OIL FILTER PLIERS

FIXED PLIERS

STANDARD PLIERS



- * Jaws with gripping teeth for easy removal of stubborn spin-on oil filters
- * Unique, cushioned, dual-handle styling allows for better leverage, support and grip

IFA PART#	RANGE (INCHES)	METRIC RANGE
3368	2 15/16" to 3 5/8"	75mm to 92mm
3369	2 3/4" to 3 1/8"	69mm to 79mm

HEAVY DUTY PLIERS



- * Designed for heavy duty truck and tractor oil filters with 20° bent jaws for getting into tight places
- * Vinyl coated handles and gripping teeth offer a safe and comfortable, non-slip performance

IFA PART#	RANGE (INCHES)	METRIC RANGE
25449	4 3/4" to 6"	121mm to 153mm

PLIERS - ADJUSTABLE (RATCHETING)



- * Ratchet and lock mechanism allow for multiple settings for a sure fit, eliminating slippage

IFA PART#	RANGE (INCHES)	METRIC RANGE
3508	2" to 5"	50mm to 125mm

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FUEL FILTER TOOLS

FUEL LINE QUICK DISCONNECT (SCISSOR)



- * Scissor-like design for easy and damage-free fuel line coupler release
- * Place tool around fuel line and push into female connector to release
- * Use for 5/16" or 3/8" fuel line on GM, Ford, and Chrysler vehicles



IFA PART#	QUALITY
3321	BEST
25043	GREAT

FUEL LINE SPRING LOCK COUPLING TOOL



- * Most Ford and Chrysler LH series vehicles are equipped with spring lock couplings on fuel and a/c lines
- * Releases locking mechanism on all 4 sizes: A (3/4"); B (5/8"); C (1/2") and D (3/8")

IFA PART#
3290

CHEVY / GMC FUEL FILTER TOOL

- * For use on 2002 to 2006 Chevrolet and GMC V8 5.3L Flex-Fuel vehicles
- * This is a required tool to remove the fuel line from the fuel filter due to the limited clearance available



IFA PART#
8022

GM WATER SENSOR WRENCH



- * Removes and installs the water sensor on 2001 and newer 6.6L GM Duramax Diesel engines
- * Used when replacing the fuel filter or when servicing the water sensor



- * 12 sided wrench is designed not to damage the plastic sensor that is easily damaged by tools, like pliers, that do not fit the sensor

IFA PART#
34350

FORD EFI FUEL LINE HAIR PIN CONNECTOR TOOL

- * Works on Ford EFI fuel lines with hair pin connectors
- * Also works on GM transmission oil cooler lines from 1987 to current



IFA PART#
3891

FORD FUEL LINE COUPLING TOOL

- * Disconnect tool works on 1990 and newer Rangers and Explorers with 4.0L engines



IFA PART#
25146

FORD 7.3L FUEL FILTER TOOL

- * Allows for easy removal/installation of Ford 7.3L Diesel fuel caps and other Diesel filter systems using the same configuration
- * Works with fuel caps from 1995 to present



IFA PART#
3526

FUEL FILTER TOOLS

DODGE CUMMINS FUEL FILTER SOCKET

- * Helps remove and install fuel filters on 5.9L Cummins engines
- * 29mm, 6 point, 3/8" drive sockets are a perfect low profile fit for better access to raised hex on the fuel filter housing



IFA PART#	COMPANY
2571	CTA
14600	LISLE

HONDA / ACURA BANJO BOLT SOCKET

- * For removal of hard-to-access banjo bolts which attach the fuel line to the fuel filter on 1985 to 1992 Honda / Acura fuel injection systems
- * Specific design replaces a standard wrench to help avoid stripping the bolt head



IFA PART#
89800 (W80680)

FLARE NUT WRENCHES



- * Heat treated and triple chrome plated for strength and durability
- * Perfect tool for disconnecting fuel lines without rounding corners

IFA PART#	SIZE
FNW13	13mm X 14mm
FNW15	15mm X 17mm
FNW16	16mm X 18mm
FNW58	5/8" X 11/16"



CHRYSLER FUEL LINE DISCONNECT TOOL



- * Used to release 1/4", 5/16" and 3/8" fuel lines on most Chrysler vehicles
- * For hard to reach connectors (complete instructions included)

IFA PART#
27132



FORD TRUCK FUEL LINE DISCONNECT SET

- * For 1992 and up F-Series Ford trucks with 4.9, 5.0, 5.8, 7.5L engines
- * Both tools are 15" long, allowing you to reach and disconnect fuel lines without lowering the fuel tank



IFA PART#	SIZE	USED FOR
36450	3/8"	FUEL SUPPLY LINE*
	5/16"	RETURN LINE*

* not sold separately

FUEL FILTER TOOLS

MASTER FUEL LINE DISCONNECT SET

* Complete set of (8) eight popular disconnect tools for a variety of fuel lines

* (18) eighteen total pieces are stored in a handy blow-molded case

CONTENTS:

- (6) SIX PIECE SPRING LOCK SET
- (6) SIX PIECE ANGLED SET
- (1) ONE GM FLEX-FUEL TOOL
- (1) ONE GMC FUEL MODULE TOOL
- (1) SCISSOR TOOL
- (1) COUPLER TOOL
- (2) TWO PIECE FORD TRANS LINE SET

MASTER SET IS ALSO A DISCONNECT SET FOR A VARIETY OF A/C LINES!

IFA PART#
39900



FUEL LINE DISCONNECT SETS - STRAIGHT AND ANGLED PLASTIC

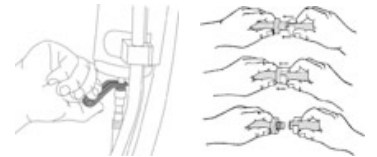


- * Sets of six (6) color-coded tools that disconnect the fuel line quick connect couplings found on Chrysler, GM and Ford vehicles
- * Also works to disconnect the spring lock couplings found on Chrysler and Ford air conditioning lines
- * Set with angled handles are angled to access tight spots and are made of durable plastic that resists fuels and solvents

ALL SETS ALSO WORK AS A/C DISCONNECT SETS!

PIECES FOR 25052 AND 37000 ARE NOT SOLD SEPARATELY

PIECES FOR 39400 ARE ALSO SOLD SEPARATELY



IFA PART#	COMPANY	STYLE	SIZES
25052	GREAT NECK	STRAIGHT COLOR	5/16", 3/8", 1/2", 5/8", 3/4" AND 7/8"
37000	LISLE	STRAIGHT WHITE	5/16", 3/8", 1/2", 5/8", 3/4" AND 7/8"
39400	LISLE	ANGLED COLOR	5/16", 3/8", 1/2", 5/8", 3/4" AND 7/8"

FUEL LINE DISCONNECT SETS - METAL



- * Color coded sets come in molded, protective cases
- * AST kit is targeted for applications including 1/4", 5/16" and 3/8" fuel lines on Ford, GM and Saab vehicles, 5/16" special transmission cooler lines on Ford Taurus and Escorts with AXOD and Dodge pickups with 1/2" transmission oil cooler lines

ALL SETS ALSO WORK AS A/C DISCONNECT SETS!

IFA PART#	COMPANY	QTY	SIZES
7836	ASTRO PNEUMATIC	6 PC	5/16", 3/8", 1/2", 5/8", 3/4" AND 7/8"
AST8100	AST	5 PC	1/4", 5/16", 5/16" special, 3/8" AND 1/2"

FUEL RELATED TOOLS

FUEL LINE REPAIR KITS

NYLON FUEL LINE REPAIR KIT



1000 fuel lines in one convenient kit!

- * Always have the repair you need on hand by eliminating wasted bay time waiting on a fuel line delivery
- * Custom fabricate new professional quality nylon lines on demand with OE style connectors
- * Provides an alternative to costly OE lines that are difficult to install and time-consuming
- * Easily connects nylon lines with barbed unions and installs both straight and elbow fittings

IFA PART#
800-300

PART#'S IN KIT ARE ALSO SOLD SEPARATELY

STEEL FUEL LINE REPAIR KIT



Repairs are made with actual steel fuel line pieces!

- * Designed to save the time and expense of complete fuel line assembly replacement by giving users the ability to repair the damaged section of fuel line or sending unit line
- * Includes over 150 pieces and repairs both domestic and import fuel lines and contains newly designed nylon to steel brass adapters that allow a safe/professional repair
- * Provides solutions for common fuel line problems found when working with OEM steel fuel lines such as:
 - * Twisted fuel lines
 - * Broken fuel line clips
 - * Rusted line connection
 - * Rusted fuel sending unit line
 - * Cracked fuel line
- * Includes precision bender tool and compact pipe cutter tool

IFA PART#
800-500

PART#'S IN KIT ARE ALSO SOLD SEPARATELY

FUEL CAP TESTER SYSTEM



Stant

- * Industry's easiest method for identifying fuel caps that are not in compliance with EPA standards
- * Easy to read pass/fail gauge makes fuel cap testing simple
- * Comes in a plastic case for easy storage and includes 2 calibration caps and 11 cap adapters

IFA PART#
T370 (12370)

SERPENTINE BELT TOOLS

SERPENTINE BELT TOOL WITH ADAPTERS



IFA PART#
59800

- * Use to remove and install belts on systems using a spring loaded idler pulley
- * Comes with (8) eight adapters (1 of each item): 13, 14, 15, 16, 18 and 19mm hex sockets, 1/2 and 3/8" square drive sockets, and a short 6" extension bar for hard-to reach idler pulleys
- * For applications with limited access, 13mm and 16mm sockets are built into the handle

PIECES FOR 59800 ARE ALSO SOLD SEPARATELY

ADJUSTABLE SERPENTINE BELT TOOL WITH ADAPTERS



IFA PART#
57100

- * Dual adjustable handles to ensure full spring compression
- * Use one handle to release the spring tension and second handle when extra travel is needed to compress the spring
- * Comes with (7) seven adapters (1 of each item): 13, 14, 15, 16, and 18mm sockets 1/2 and 3/8" square drive sockets

PIECES FOR 57100 ARE ALSO SOLD SEPARATELY

SERPENTINE BELT TOOL KIT



IFA PART#
3680

- * The GearWrench serpentine belt tool kit makes changing serpentine accessory belts easy even in tight spaces
- * Nearly 100% coverage of all vehicles
- * Includes a 14" Comfort Gripped Extension Arm, Serpentine GearWrench Ratchet, 3/8", 1/2" and 3/4" Square Adapters, 13, 14, 15, 16, 17, 18 and 19mm Sockets, 13, 14 and 15mm Crowsfoot Sockets and a Molded storage tool case



PIECES FOR 3680 ARE ALSO SOLD SEPARATELY

RATCHETING SERPENTINE BELT WRENCHES



IFA PART#
8584

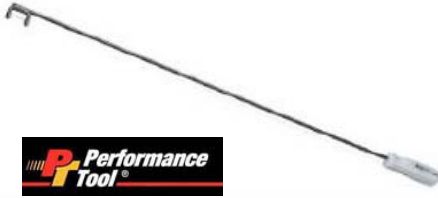
- * Designed to release the tension on spring-loaded idler pulleys
- * Slim head design for access to tight areas found on some front wheel drive vehicles
- * No loose adapters to misplace or replace!



Fits tensioners requiring 13mm, 14mm, 15mm, 16mm, 18mm, 1/2" and 5/8" square drives - 90% COVERAGE OF VEHICLES!

SERPENTINE BELT TOOLS

BELT INSTALLATION HOOK



IFA PART#
W84012

- * Helps make installation of the most difficult serpentine belts less frustrating and time-consuming
- * The two-pin hook end holds the belt for precise placement, and the handle gives you the grip you need to maneuver it around the pulleys easier
- * Excellent for installing V-belts and timing belts that are never in easy-to-reach places (25" long shaft - 29" overall)

BELT TENSION TOOL



IFA PART#
V51

- * Bent in an "L" shape for tensioners on 3.3L Chrysler, Dodge and Plymouth MiniVans
- * Designed to reach under the front motor mount to access the tensioner belt
- * 15mm, 12 point

SERPENTINE BELT MEASURING TOOL



IFA PART#
MS9000

(instructions included)

- * For serpentine belts and fan belts

DRAIN PLUG TOOLS

MAGNETIC DRAIN PLUG SOCKET SET



- * Magnetic socket core holds drain plug during removal and installation, keeping hands and drain plug out of hot oil
- * Allows for easier one handed use during removal and installation
- * Contains the most popular metric size sockets (13mm to 17mm, 19mm), which are color coded for easy identification
- * Quick change design with included ratchet

IFA PART#
3870

- * Also works with any 3/8" drive ratchet

DRAIN PLUG WRENCH SET



- * 6 point open and closed combination wrenches designed for removing oil drain plugs
- * 7 piece set includes metric sizes 13mm to 17mm, 19mm and 22mm

- * Comes in a durable roll-up pouch
- * Rubber coated for non-slip work

IFA PART#
2500



DRAIN PLUG TOOLS

8-IN-1 MULTI OIL DRAIN PLUG WRENCH



IFA PART#
7901MTX

- * Designed to fit up to 95% of the drain plugs in cars and light trucks
- * Eight (8) metric, 6 point sockets, sizes 12mm to 19mm (4 on each side of wrench)
- * Grab ONE wrench and walk out to an oil change knowing you have the right size tool to do the job!
- * Has a magnet which allows wrench to be hung from a drain pan or lift, making it easily accessible at all times
- * Higher quality steel and upgraded chrome finish

INDIVIDUAL DRAIN PLUG WRENCHES AND SOCKETS

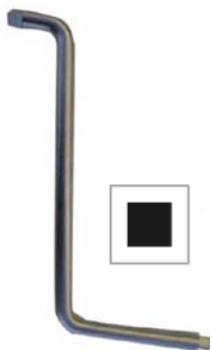
"L" SHAPE HEX KEY WRENCHES



- * Large, metric size wrenches for many domestic and import vehicles
- * These long-arm hex key wrenches provide added leverage and accessibility
- * Rust-resistant black oxide finish

IFA PART#	COMPANY	SIZE	GENERAL APPLICATIONS
7330	OTC	12mm	MANY POPULAR VEHICLES
2041	CTA	14mm	FORD, FIAT, ALFA ROMEO
7332	OTC	17mm	MANY POPULAR VEHICLES

"S" SHAPE SQUARE KEY WRENCH



- * "S" shape wrench allows access in hard-to-reach areas
- * 8mm and 10mm Metric square ends service transfer cases, engine oil pans, manual transmission and differential drain and fill plugs found on Ford, Jeep, Volvo, Peugeot and many others

- * Double-sided wrench gives you two common square wrenches in one convenient tool



IFA PART#
2577

DRAIN PLUG WRENCH WITH HANDLE



- * Designed to be used for differential, transmission (auto/manual), transfer case, and engine drain plugs
- * Designed to fit the two most common female drain plug sizes: 3/8" and 1/2" square

- * Adding a socket to the wrench allows it to be used on male hex drain plugs

IFA PART#
1418



DRAIN PLUG TOOLS

INDIVIDUAL DRAIN PLUG WRENCHES AND SOCKETS

ALLEN / BOX DRAIN PLUG WRENCHES



- * Used for the removal and installation of the differential oil filler plug found on many BMW and Mercedes Benz models

IFA PART#	ALLEN SIZE	BOX WRENCH SIZE
H2760	14mm	17mm
H2760-2	14mm	13mm

TORX SOCKET FOR CADILLAC



- * T40 Cadillac Catera drain plug
- * Also used for many GM and Ford brake caliper Torx bolts
- * Use with 3/8" drive

IFA PART#	W38840
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VW / AUDI DRAIN PLUG SOCKET



- * For oil and transmission drain plugs on many VW's, Porsche's and Audi's (A3, A4, A6) + others
- * 1/2" drive, 16mm x 12 point (triple square) design

IFA PART#	2039
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SUBARU DRAIN PLUG SOCKET



- * For removal and replacement of trans axle drain plug
- * For 2003-newer Subaru's with manual transmission

IFA PART#	SU070
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Drain plug not included



SQUARE DRAIN PLUG SOCKET SET



- * Set of 8mm and 10mm square drain plug sockets that service transfer cases, engine oil pans, manual transmission and differential drain and fill plugs found on Ford, Jeep, Volvo, Peugeot and many more

* Use with 3/8" square drive tools



IFA PART#	2049
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VW DRAIN PLUG SOCKET



- * 6 point, 17mm male hex body x 3/8" female square drive
- * Heat treated and zinc plated alloy steel for strength and durability
- * Can be used with standard 3/8" drive extensions, ratchets, breaker bars, wrenches, etc.

IFA PART#	VIM410 (25285)
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DRAIN PLUG TOOLS

DRAIN PLUG REMOVAL "TWIST" SOCKETS



* For removal of drain plugs with rounded off heads, damaged nuts, studs, pipe nipples, and transmission pan bolts

* Special "twist" design, simply place on the fastener and turn - no more pounding, chisels or torches

* Sets include rail for storage



PIECES FOR LT4400 AND LT4850 ARE ALSO SOLD SEPARATELY

IFA PART#	QTY	DRIVE	SIZES
LT4400	5 PC SET	1/2"	3/4", 13/16", 7/8", 15/16" AND 1"
LT4850	3 PC SET	3/8"	8mm, 10mm AND 1/2"
TFSY13	EACH	3/8"	13mm
TFSY14	EACH	3/8"	14mm
TFSY15	EACH	3/8"	15mm
TFSY17	EACH	3/8"	17mm

DIFFERENTIAL PLUG EXTRACTORS

* Helps with the removal of female style differential plugs that have been rounded off



IFA PART#	SIZE
70-958	5/16" WITH SQ. 1/4" HOLE
70-962	1/2" WITH 3/8" HOLE
70-964	3/4" WITH 1/2" HOLE



SCREW EXTRACTORS



* Removes broken studs, set screws, pipes and fittings

* Hardened extractors are tapered with special 4 point ends (four) to bite the fastener

IFA PART#	BOLT, STUD, SCREW SIZE	DRILL SIZE	PIPE SIZE
9031	1/4" TO 5/16"	1/8"	N/A
9032	3/8"	3/16"	N/A
9033	7/16"	15/64"	1/8"
9034	1/2" TO 9/16"	5/16"	1/4"
9035	5/8"	3/8"	3/8"

DRAIN PLUG SIZE ID TEMPLATE



* Twelve (12) popular sizes to quickly identify the matching oil drain plug to install

IFA PART#
DPTEMP

DRAIN PLUG TOOLS

THREAD RECONDITIONING TAPS



* Perfect for cleaning common oil pan threads

* All taps are made of high carbon steel

* Helps prevent future pan problems

* All taps are sold individually



70620 / 70660
ADAPTER

* TAPKIT includes one each of part#'s 18111, 18112, 18113, and 18114 thread taps, 70620 and 70660 adapters

IFA PART#	TAP SIZE	APPLICATION
18111	12mm X 1.25	TOYOTA, NISSAN
18112	12mm X 1.75	FORD, GM, SATURN
18113	1/2" X 20	DODGE, FORD, GM
18114	14mm X 1.50	FORD, HONDA
18115	12mm x 1.50	BMW, MERCEDES
18116	14mm x 1.25	JEEP, FORD TRUCK 7.3L
18117	16mm x 1.50	DODGE
18118	18mm x 1.50	TOYOTA
18120	14mm x 2.00	FORD
70620	#6 SOCKET ADAPTER FOR THREAD TAPS	
70660	#8 SOCKET ADAPTER FOR THREAD TAPS	
TAPKIT	6 PIECE KIT WITH PLASTIC STORAGE TRAY	

OIL PAN PLUG RETHREADING KIT



* Removes damaged thread and taps a new oversize thread

* Set includes a piloted drill, spring-loaded tapping tool and five (5) magnetic drain plugs/gaskets

* The unique tapping tool ensures the new thread will be perpendicular to the gasket surface to prevent leakage

* Works on soft steel and aluminum oil pans with 1/2", 12mm and 14mm threads



IFA PART#	DESCRIPTION
58850	COMPLETE RETHREAD KIT
58650	REPLACEMENT PLUGS/GASKETS - SET OF 5

TIME-SERT® HONDA / ACURA OIL PAN REPAIR KIT



TIME-SERT

IFA PART#
1485

* Honda approved kit used to repair damaged "TIN" oil drain pans ONLY!

* This kit reduces the hole from the Honda standard 14mm x 1.5 drain plug to a 12mm x 1.5 drain plug

* Will NOT repair pans that have an oversized 14mm drain plug in place prior to the repair



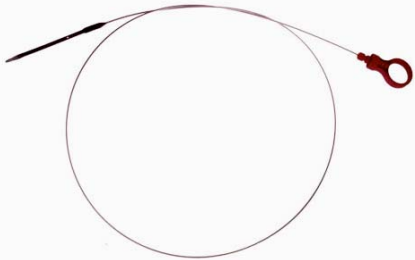
* Steel replacement inserts are approximately three (3) times the tensile strength of aluminum

* Kit contains: 14mm x 1.5 tap, 12mm x 1.5 tap, 5 inserts and driver oil, with case and instructions

12mm x 1.5 steel insert

TRANSMISSION TOOLS

TRANSMISSION DIPSTICK



* This dipstick is used on all vehicles equipped with a NAG1, 42RLE, CVT Transmission and the 62TE Transaxle

* Used to check ATF levels in sealed transmissions

FITS:

07-09 Chrysler Sebring, Dodge Avenger, Caliber, Nitro, Jeep Compass, Patriot, Grand Cherokee

05-09 Chrysler 300C, Dodge Charger, Magnum

07-10 Chrysler Town & Country, Dodge Caravan

08-09 Dodge Challenger

06-09 Jeep Liberty



IFA PART#

CRY933

FORD TRANSMISSION OIL COOLER LINE DISCONNECT SET



* 2 sizes, 3/8" & 1/2"

* 3/8" fits 03 and later Ford Explorer V8, 04 and later Ford 150

* Specially designed to fit connector

* 1/2" fits Ford Super Duty Trucks, F250, F350, F450

IFA PART#

39960



FORD QUICK DISCONNECT COUPLER



* Use for Ford transmission cooler lines with push-lock connections

* Also works on 82-03 Ford fuel injection lines

IFA PART#

25148



GM COOLER LINE HAIR PIN CONNECTOR TOOL



* Works on GM transmission oil cooler lines from 1987 to current

* Also works on Ford EFI fuel lines with hair pin connector

IFA PART#

3891



O-RING PICK / LIP SEAL PULLER



* For removing and installing o-rings and seals

* Angled tips for reaching difficult areas found around transmissions, brakes, and a/c



IFA PART#

25428

WIRE SCRATCH BRUSH



* Curved brush cleans carbon, dirt and paint from metal and other surfaces

IFA PART#

2310

* 14" long with three (3) bristle rows



GASKET SCRAPER



* Scrapes surfaces clean for installing new gaskets

* 10 1/2" long, Blade is 1"



IFA PART#

485

BATTERY TOOLS

BATTERY SERVICE KIT



* Seven (7) popular tools packaged in a zippered pouch

- * Kit Includes:
- * 4in1 Terminal Cleaner
- * 10mm, 5/16 & 5/16 Extended Ratchets
- * Battery Pliers
- * Terminal Lifter
- * Battery Terminal Spreader/Cleaner

IFA PART#
BMK1914

TERMINAL WRENCHES

- * Ratcheting box wrench design for use on 5/16" GM side terminal batteries and 10mm battery terminal bolts found on many import and domestic vehicles



- * 12 point, 5 1/2" long

IFA PART#	COMPANY	DESCRIPTION
25287	GREAT NECK	5/16"
OTC4616	OTC	10MM

BATTERY NUT PLIERS



IFA PART#
203

- * Tightens/loosens nuts on battery terminal clamps
- * Serrated jaws for better, firmer grip
- * Cushioned handles are offset for working in cramped areas

TERMINAL SPREADER AND CLEANER



IFA PART#
204

- * Cleans and spreads battery cable terminals with ease
- * Sharp teeth effectively clean from the clamp
- * Squeeze handle to spread clamp

BATTERY TERMINAL BRUSH

- * Cleans battery posts and terminals of corrosive build-up
- * Internal and external wire brushes are built into rugged steel case
- External - cleans cable clamps
- Internal - cleans posts



IFA PART#
W147C

BATTERY TERMINAL PULLER



IFA PART#
202

- * Use to remove battery terminal clamp without damage to post
- * Will work even on corroded spring type clamps
- * T-handle center screw provides a better grip



COMPUTER MEMORY SAVER



- * Automotive computer memory retaining tool designed to maintain the memory of the on-board vehicle computer (CCU) when the power source (battery) is disconnected
- * For use in cigarette lighter with a 9-Volt battery (not included)

IFA PART#
3002

BATTERY TOOLS

BATTERY CARRIER



IFA PART#
25316

- * Safe and easy way to lift, grab and carry top post or side post batteries
- * The rubber pads securely grip battery widths from 5" to 7" while the plastic handle-grip provides a firm hold

BATTERY FILLER AND REPLACEMENT FILLER TIP

W54274



IFA PART#
W54274
99038

- * 2 Quart capacity
- * Made of black plastic
- * Features an automatic shut-off tip



DESCRIPTION
BATTERY FILLER
REPLACEMENT TIP

PORTABLE BATTERY BOOSTER PACK



IFA PART#
ES5000

- * 1500 peak Amps
400 cranking Amps
- * Use multiple times between charges
- * 43" cable length

JUMPER CABLES



IFA PART#
JUMPCBL

- * 20 foot, 4 gauge
- * Fit top/side post batteries
- * No shock 500 amp clamps with glow in the dark polarity

* Extra flexible
100% copper wire

BATTERY TERMINALS AND PROTECTORS



- * **SIDEPPOST** - Fits (+) or (-) post
- * Universal for either cable or strap
- * Made with a lead alloy with steel inserts to avoid striping

IFA PART# QTY
SIDEPOST 8 TERMINALS PER CARD



- * **TOPPOST** - Fits (+) or (-) post
- * Universal for either cable or strap
- * Made with a lead alloy with steel inserts to avoid striping

IFA PART# QTY
TOPPOST 10 TERMINALS PER CARD



- * **LEAD FREE** terminal end
- * Made of tin-plated brass
- * Stud size is 5/16" and allows straight or angled hook-up to cable

IFA PART# QTY
01056 SOLD EACH



- * **PROTECTORS** - felt
- * Colors may vary but will differ for each terminal
- * Dual post

IFA PART# QTY
01253 SOLD PER PACK OF 2

RADIATOR TOOLS

COOLANT HYDROMETERS / ANTI-FREEZE TESTERS

COOLANT HYDROMETER / ANTI-FREEZE TESTER



THEXTON

- * Very accurate testing procedure works with ethylene glycol base coolants and long-life coolants such as Dex-Cool®
- * Tests coolant either hot or cold and reads in both Celsius and Fahrenheit
- * Five (5) floating discs show degree of protection
- * The 6th, orange disc shows over-protection and loss of cooling efficiency



IFA PART#
106

PROPYLENE GLYCOL COOLANT HYDROMETER



THEXTON

- * Tester is used to test propylene glycol-base antifreeze
- * 5 floating discs measure level of protection
- * Tests hot or cold and reads in both Celsius and Fahrenheit

IFA PART#
107

DIAL TYPE COOLANT HYDROMETER



- * Unique design with calibrated dual dial indicators showing Fahrenheit and Celsius readings
- * Easy to read and accurate
- * Special design also helps prevent slippage in wet hands

IFA PART#
W1656C



COOLANT TEST STRIPS (3 part)



- * Measures freeze point, reserve alkalinity and pH
- * Can be used with either conventional or Long Life, Extended Life Coolants such as DEXCOOL®
- * Tests in under 2 minutes!

FP/BP RA pH TEST-STRIP HANDLE

IFA PART# QTY PER BOTTLE
1570 70 STRIPS

COOLANT TEST STRIPS (2 part)



- * Two pad test for both freeze point/boil point and coolant pH
- * Tests in under 1 minute!
- * Note: Coolant must be between 50° F and 140° F when tested

IFA PART# QTY PER BOTTLE
2038 50 STRIPS

STRIP DIP CLIP

IFA PART#
DCLIP001

- * Multi-use tool for coolant/antifreeze testing (uses alligator clip for holding strip) and brake fluid/power steering testing (uses handle for dipping)



RADIATOR TOOLS

RADIATOR FAUCETS / WATER BIB COCKS



- * For attaching to water service hose
- * 1/4" NPT female inlet
- * Thumb action trigger



IFA PART#	COMPANY	SPOUT
209	MILTON	RUBBER
40	AMFLO	HD ALUMINUM

RADIATOR FILLER



- * Tough polyethylene won't damage automotive finishes
- * Impervious to oil, gasoline and antifreeze
- * Will withstand normal temperature extremes
- * Three (3) Gallon capacity



IFA PART#
75025

RADIATOR DRAIN PAN



- * Heavy duty galvanized steel
- * Pouring with anti-splash baffle prevents spilling
- * Rolled smooth edge and ribbed bottom for heavy duty strength
- * Includes handles
- * 6 gallon capacity, 19" diameter x 6" high

IFA PART#
75-750



RADIATOR CAP PLIERS



- * Fast, safe removal of all standard radiator caps
- * Simply engage the pliers over the cap, press down, rotate and release

IFA PART#
20900



RADIATOR CAP WRENCH FOR GM



- * Fits threaded plastic radiator caps on newer GM engines
- * Provides an extra grip to remove stubborn radiator caps
- * Use 3/8" square drive for extra leverage

IFA PART#
24700



RADIATOR FUNNEL

- * Perfect for Anti-Freeze
- * No mess splash guard and wide opening for quick pouring



Additional Funnel
Pages 218-220



IFA PART#
10703

RADIATOR TOOLS

RADIATOR CAP TESTERS AND ADAPTERS

STANT TESTER AND ADAPTERS



Stant

T270

* Tests pressure caps and cooling systems for most domestic and foreign vehicles (Carrying case included)

* Large color coded pressure gauge (tests up to 30 lbs.)



12021



12024



12029



12035



PT255-3

IFA PART#	POPULAR APPLICATION	USED WITH CAP#
T270	STANT TESTER WITH CASE	
12021	FORD, HONDA, NISSAN, TOYOTA 45MM cap adapter	R27, R33
12024	HONDA, TOYOTA 44MM small diameter cap adapter	R41, R42
12029	GM, FORD, SATURN For GM "N" body cars, Saturn and most Ford cars and trucks 1993-Current (threaded)	R38, R39, R40
12035	95-98 FORD CONTOUR 95-98 MERCURY MYSTIQUE 00-04 FORD FOCUS	R50
PT255-3	Replacement CHECK VALVE for Pressure Tester T270	

complete list of radiator caps - pages 104 and 105

KD TESTER KIT



KD Tools

* Pressure test both Cooling Systems and Radiator Caps with One Kit!

* Universal Cooling System adapter, with KD's patented "Bladder System", allows for virtually 100% coverage for domestic and foreign cars

* Radiator Cap Adapter Kit has 8 sizes for virtually complete coverage

* Allows both cap relief pressure and seal condition to be tested

IFA PART#	* Packaged in blow molded case and includes detailed instructions
3700	



Radiator / Cooling System Additives and Chemicals
Pages 135 - 172

RADIATOR TOOLS

HOSE PINCH-OFF PLIERS

- * Eliminates the need to drain cooling system
- * Squeezes hose shut; jaws swivel for parallel clamping
- * Includes automatic locking ratchet



IFA PART#
145

HOSE REMOVER / PUSH OFF PLIERS



- * For easy removal of 5/32" to 1/2" vacuum and fuel hoses
- * Ribbed surface digs into steel tube for added grip to push off rubber hose



IFA PART#
47900 (3971)

HOSE CLAMP PLIERS

STRAIGHT FLAT BAND PLIERS



IFA PART#
3978

- * For the removal and installation of flat-type hose clamps
- * Features a fine-tooth locking ratchet to latch pliers in position and jaws that swivel to grip at almost any angle

ANGLED FLAT BAND PLIERS



IFA PART#
3977

- * Features a 45° jaw angle with swivel tips to grip at any angle
- * Pliers latch securely in a locked position
- * Improved spring mechanism and 25% thicker gauge steel

FLEXIBLE HOSE CLAMP DRIVERS



- Ideal for use in both automotive and industrial applications.
- Provides superior flexibility when working in tight, hard to reach places.
- The grip allows for a powerful, no-slip bond.
- Reversible socket to fit mini and standard hose clamp screw head sizes: 1/4" (5mm) & 5/16" (7.94mm)
- Flexible 90° Access



9999

8888

IFA PART#

DESCRIPTION

- | | |
|--------|---|
| 9999 | FLX FLEXIBLE DRIVER WITH REVERSIBLE SOCKET |
| 8888 | FLX SOCKET REPLACEMENTS - 3 PACK |
| 711947 | STANDARD FLEXIBLE SPINNER HANDLE (6" FLEXIBLE SHAFT LENGTH) (1/4" DRIVE) (SOCKETS NOT INCLUDED) |

- * Extra long shaft measures 10" long (14 1/2" overall length with handle)
- * Works perfectly with a variety of different hose clamp manufacturers



711947

BRAKE TOOLS

HEX/TORX® BRAKE CALIPER SET



- * 9 Piece set includes:
Five (5) hex bits
 1/4", 3/8", 7mm,
 8mm, 10mm (3/8" dr)
- Four (4) torx bits**
 T-40, T-45, T-50
 (3/8" dr) and T-60
 (1/2" dr)

* Set is used on disc brake calipers to remove and install brake pads

IFA PART#
58893

* Includes plastic storage sleeve

COTTER PIN ASSORTMENT



- * 560 piece assortment contains the six most popular sizes

- (150) 1/16" x 1"
 - (150) 3/32" x 1"
 - (100) 3/32" x 1 1/2"
 - (75) 1/8" x 1 1/4"
 - (55) 1/8" x 2"
 - (30) 5/32" x 2 1/2"
- Resealable Plastic Case

IFA PART#
CPASST

BRAKE FLUID TEST STRIPS



- * Identifies bad brake fluid in 60 seconds
- * Simple and easy to use, not a moisture or petroleum test
- * The only MAP approved Copper test
- * Improve brake fluid exchange service by 400%

IFA PART#
STRIPDIP

* Packaged in tubes of 100 strips
(3 year accuracy guarantee)

IGNITION TOOLS

SPARK PLUG PLIERS

135



- * Safely remove spark plug cables and prevent cable damage



use these tools only when the engine is OFF

- * Handles and jaws are coated with a heavy duty plastic for a sure grip

25542



- * HD part# 25542 has 45° offset jaws for easy gripping

IFA PART#	COMPANY	DESCRIPTION
135	KD	STANDARD
25542	GREAT NECK	HEAVY DUTY

SPARK PLUG WIRE PULLER



- * Wire puller insulates hands from electric shock

IFA PART#
25061



OXYGEN SENSOR WRENCH



- * Makes removal of old sensor and installation of the new sensor a snap!

- * The slotted design fits over the sensor wire

IFA PART#
OSW1

- * Use with 3/8" square drive

ENGINE SERVICE TOOLS

CODE READER AND RESET TOOLS

ACTRON AUTOSCANNER PLUS (DOMESTIC OBDII / CAN PROTOCOL)



- * Displays not just the trouble code, but can help prioritize troubleshooting with the Top Reported Fixes specific to the vehicle's make, model, year and engine at the touch of the CodeConnect button (3 million verified fixes available)
- * Also includes domestic ABS code coverage, record and playback of LIVE engine data stream, LIVE on screen graphing, and is field updateable via USB port
- * Read and erase DTCs
- * Compatible with OBD II / CAN 1996 and newer
- * OBD II generic & manufacturer specific code definitions (displays all 9 modes of global OBD II data)
- * Read and display MIL status, I/M monitors
- * Visual indicator when communicating with vehicle
- * Pending DTCs and freeze fram data
- * Drive cycle mode
- * State OBD check
- * Code lookup library (displays enhanced code definitions)
- * Trilingual menus and definitions (CodeConnect™ data in English only)



IFA PART#
ACT9580

OIL LIGHT RESET TOOL (IMPORT)



- * Enhance your oil change service with this complete kit
- * Set includes the adapters and interface module required to reset the oil service lights on Volkswagen, Audi, Mercedes, BMW, and Volvo (added European coverage)
- * The included manual details Oil Light Reset tool procedures as well as the manual reset procedures for **DOMESTIC** and **IMPORT** vehicles
- * New added functionality allows reset of additional service lights (maintenance cycle, service interval)
- * Ability to update the tool vehicle coverage by connecting to a PC with future update kits

IFA PART#
3596H

BMW RESET TOOL (82-99)



- * Resets oil change service lights on dashboard
- * Covers both A and B vehicles with 15 and 20 pin plugs

IFA PART#
R5UNIV

For 82-99 BMW

UPDATED BMW RESET TOOL (87-07)



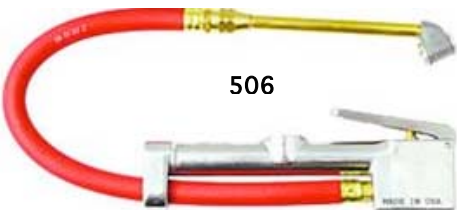
- * Displays BMW engine fault codes which helps diagnose exactly what's wrong
- * Resets the Check Engine, Service Engine Soon and Oil Service Inspection lights

IFA PART#
R5FCX3U

For 87-07 BMW

AIR LINE & TIRE SERVICE TOOLS

INFLATOR GAUGES & REPLACEMENT PARTS



COMPLETE INFLATOR GAUGES

IFA PART#	GAUGE STYLE	COMPANY / CHUCK STYLE
100	BAYONET POP-UP GAUGE	AMFLO / STRAIGHT
101	BAYONET POP-UP GAUGE	AMFLO / DUAL-HEAD
501	WINDOW SIGHT GAUGE	MILTON / DUAL-HEAD
For high pressure truck tires - 10 to 160 lbs. In 2 lb. Increments - 5 foot hose - built in deflator		
506	WINDOW SIGHT GAUGE	MILTON / DUAL-HEAD
520	BAYONET POP-UP GAUGE	MILTON STRAIGHT
522	BAYONET POP-UP GAUGE	MILTON DUAL-HEAD

* All inflator gauges come with a 12" or 15" hose (except part# 501 - see above)

* All inflator gauges are lever action

* All measure from 10 to 120 PSI (in 2 pound increments) (except part# 501 - see above)

INFLATOR GAUGE REPLACEMENT PARTS

IFA PART#	DESCRIPTION	REPLACEMENT FOR
112	12" HOSE W/STRAIGHT CHUCK	AMFLO 100
507	GAUGE CARTRIDGE	MILTON 506
509	15" HOSE W/DUAL CHUCK	MILTON 506
528	12" HOSE W/STRAIGHT CHUCK	MILTON 520 / 522

CALL 1-800-872-2333 FOR MILTON AND AMFLO LIMITED WARRANTY INFO



INFLATOR AIR CHUCK ONLY (NO GAUGE)

IFA PART#	COMPANY / CHUCK STYLE
780K	KASTAR / INFLATOR AIR CHUCK ONLY / NO GAUGE

- * Durable, E-Z Grip handle for comfort and a positive grip
- * 1/4" NPT threaded end accepts quick-disconnect fittings
- * Designed for use on hard-to-reach wheels



AIR LINE & TIRE SERVICE TOOLS

RUBBER TIP BLOW GUN



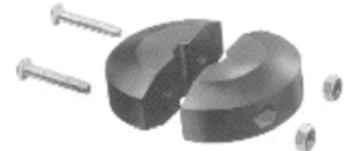
MILTON

- * 1/4" NPT inlet
- * Soft, oil resistant rubber tip
- * Suitable for all normal air cleaning jobs

IFA PART#
99153

REEL BALL STOPS

- * Adjusts easily for easy reach

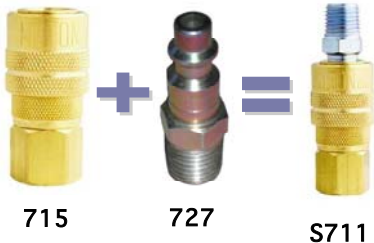


LINCOLN

IFA PART#	DESCRIPTION
85515	FOR 1/4"
85516	FOR 3/8"
85517	FOR 1/2"

AIR HOSE COUPLERS AND PLUGS

IFA PART#	DESCRIPTION
715	MILTON INDUSTRIAL M-STYLE "QUICK CHANGE" 1/4" NPT FEMALE COUPLER
727	MILTON INDUSTRIAL M-STYLE 1/4" NPT MALE PLUG
S711	MILTON INDUSTRIAL M-STYLE COMBINATION COUPLER/PLUG 1/4" NPT (ONE EACH 715 / 727)
775	ARO 210 A-STYLE "QUICK CHANGE" 1/4" NPT FEMALE COUPLER
777	ARO 210 A-STYLE 1/4" NPT MALE PLUG
778	ARO 210 A-STYLE 1/4" NPT FEMALE PLUG
CP1 (783)	TRU-FLATE/PARKER T-STYLE 1/4" NPT MALE PLUG
C2 (785)	TRU-FLATE/PARKER T-STYLE 1/4" NPT FEMALE COUPLER
S782	TRU-FLATE/PARKER T-STYLE COMBINATION COUPLER/PLUG 1/4" NPT (ONE EACH 783 / 785)



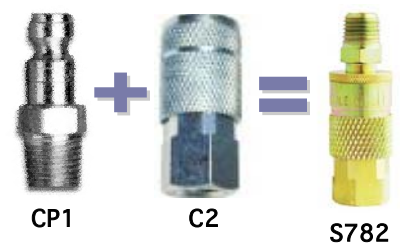
715 727 S711

"M" STYLE



775 777 778

"A" STYLE



CP1 C2 S782

"T" STYLE

* Couplers and plugs are for use with shop air only and are not intended for use with steam or hydraulic applications

* Maximum inlet pressure of 300 PSI
Maximum temperature of 250° F (Air Flow of 40 SCFM)

AIR LINE HOSE

NYLON RE-COIL HOSE



MILTON

IFA PART#
1670

- * Self-retracting yellow hose with re-usable, full flow 1/4" NPT swivel fittings on both ends to avoid twisting and kinking
- * Maximum working pressure of 200 PSI @ 70° F
- * 1/4" hose, 50 ft. long

RUBBER STANDARD AIR HOSE



IFA PART#
AHRED25

- * All purpose red hose
- * 300 PSI working pressure
1200 PSI burst pressure
- * Vinyl guard bend restrictors on each end
- * 3/8" hose, 24 ft. long

MOUNTAIN

AIR LINE & TIRE SERVICE TOOLS

DRIVEWAY SIGNAL BELL AND ACCESSORIES



- * 6" in diameter, offers instant signal every time
- * Plug into any standard 110 volt, 3-wire outlet

IFA PART#
805

* Operates with up to 300 feet of hose

HOSE MENDER / SPLICER



- * Splicer connects two ends of hose
- * Mends split/broken hose ends

IFA PART#
642



HOSE FOR DRIVEWAY SIGNAL BELL



- * 3/8" ID
- * 50 feet per box

IFA PART#
838



HOSE ANCHOR



- * Anchors and plugs off the hose end for bell operation

IFA PART#
819



VALVE STEM CAPS



IFA PART#	QTY PER BOX	DESCRIPTION
435	50	CHROME PLATED HEX
438	100	GREEN PLASTIC DOME (FOR NITROGEN FILLED TIRES)
439	100	BLACK PLASTIC DOME

* Standard thread size (.305-32)

VALVE EXTENSIONS

IFA PART#	SIZE
451	3/4"
452	1 1/4"
453	1 1/2"
454	2"



- * Plastic, lightweight - does not affect balance
- * Extends through hole in cover for ease in inflating/checking tire pressure (50/box)

SNAP-IN TIRE VALVES



- * Tubeless, ozone resistant rubber
- * 2" length (Max cold inflation is 60 PSI)
- * 10 per box (#439 cap included)



IFA PART#
TR418

TRUCK VALVE EXTENSIONS



- * Nickel plated brass throughout the valve
- * Effective length of 4 1/8"
- * Box of 10 valves (high heat cap included)

IFA PART#
440-4

TIRE DEPTH GAUGE

IFA PART#
S448



- * 1/32" markings for 0" to 1" measurements on a handy pocket clip

TIRE SERVICE TOOLS

TIRE PRESSURE GAUGES

* Improve handling, gas mileage, and tire life with regular use!

IFA PART#	DESCRIPTION
W9104	FOR PASSENGER CARS CALIBRATED FROM 5 PSI TO 50 PSI IN 1/2 LB. INCREMENTS
W9105	"TIRE" - FOR PASSENGER CARS CALIBRATED FROM 0 PSI TO 60 PSI
40406	FOR TRUCKS CALIBRATED FROM 20 PSI TO 120 PSI IN 2 LB. INCREMENTS AND KPA
S927	DUAL CHUCK - TRUCKS CALIBRATED FROM 20 PSI TO 120 PSI IN 2 LB. INCREMENTS AND KPA
S976	HEAVY DUTY DUAL CHUCK - TRUCKS CALIBRATED FROM 10 PSI TO 160 PSI IN 2 LB. INCREMENTS AND KPA



TIRE REPAIR KIT



* Dealer Kit contains two (2) popular T-handle tools (one open-eye needle tool and one tire probe), four (4) ounces of universal cement and two (2) boxes of 15184 radial repairs (4" long - 40 total)

IFA PART#
15189

CAUTION: When "on-the-wheel" emergency repairs are made, the tire must not be run more than 100 miles at speeds no greater than 50 MPH



TIRE RADIAL INSERT REPAIR



* Professional-grade patches for permanent repairs
* Four (4) inch long, rubber inserts (20 per package)

IFA PART#
15184



TIRE REPAIR CEMENT



* Adheres patches to the inner surface of the tire
* Non-Flammable
Eight (8) ounces

IFA PART#
12086



VALVE CORE TORQUE TOOL



* Installs/removes valve cores, including vehicles with the Tire Pressure Monitoring System (TPMS)

* Torque tool is set to 4 inch lbs., to prevent under and over torquing the valve core, helping prevent core leaks causing low tire pressure and possible TPMS alerts



IFA PART#
18810

4-IN-1 TIRE VALVE REPAIR TOOL



* 4-in-1 repair tool: rethreads inside and outside of valve stem, inserts, tightens or removes valve core (with guide which slips over stem)

* Allows removal of valve cores even if shoulders are broken

* Steel plated

IFA PART#
S445



TIRE SERVICE TOOLS

AIR IMPACT WRENCH



Chicago Pneumatic

- * One hand push button forward/reverse power regulator with patented "oil bath" spring hammer clutch provides ultimate power, smooth operation and extreme durability
- * 4 positive power settings in forward (from 50 to 450 ft. lbs. of torque) and ultimate power in reverse (625 ft. lbs.)
- * 2" extended anvil makes this excellent for tire service
- * 1/4" NPTF air inlet with a 1/2" drive

IFA PART#
CP749-2

LUG NUT IMPACT SOCKETS

PROTECTIVE IMPACT SOCKET SETS



- * Socket sets feature protective sleeves and internal plastic inserts that prevent scratching of wheels and decorative lug nuts
- * Hollow, deep design creates room for removing longer bolts by pushing out plastic insert
- * Designed for use with power impact tools
- * Blow molded case for easy storage and transport

PIECES FOR 7835 AND 7870 ARE ALSO SOLD SEPARATELY

IFA PART#	QTY	SIZES
7835	5 PCS	13/16", 7/8", 17MM, 19MM, 21MM
7870	7 PCS	13/16", 7/8", 1", 1 1/16", 17MM, 19MM, 21MM

(ALL SOCKETS ARE 6 POINT METRIC, 1/2" DRIVE SOCKETS)

IMPACT SOCKET SETS



- * Metric set is constructed of high impact grade chrome moly steel and feature a posi-grip, no slip design
- * The socket wall design provides superior gripping power without rounding the fastener points
- * Socket storage rail included

PIECES FOR THIS KIT ARE NOT SOLD SEPARATELY

Great Neck

IFA PART#	QTY	SIZES
25592	10 PCS	10MM TO 19MM

(ALL SOCKETS ARE 6 POINT METRIC, 1/2" DRIVE SOCKETS)

ADDITIONAL SOCKETS ON PAGES 231-233

TIRE SERVICE TOOLS

INDIVIDUAL IMPACT SOCKETS

"FLIP" IMPACT SOCKETS



SUNEX
TOOLS

- * 1/2" drive, 6 point impact grade, in common lug nut sizes
- * Double sided "flip" sockets cover more sizes with less sockets and help remove most bolts that have up to 75% of their corners stripped away!

IFA PART#	SIZES	STYLE
SUN2700	3/4" AND 13/16"	SAE (REGULAR WALL)
SUN2702	19MM AND 21MM	METRIC (REGULAR WALL)
SUN2706	3/4" AND 13/16"	SAE (THIN WALL)
SUN2707	17MM AND 19MM	METRIC (REGULAR WALL)
SUN2708	19MM AND 21MM	METRIC (THIN WALL)

STANDARD DEEP IMPACT SOCKETS



- * 1/2" drive, 6 point impact grade
- * 36mm socket is used on GM front wheel axle nuts and has an extra deep design which fits over the spindle shaft

IFA PART#	SIZES
SUN220MD	20MM
SUN222MD	22MM
SUN224MD	24MM
536436	36MM

SUNEX
TOOLS

KD
Tools.

IMPACT SOCKET EXTENSION



- * 3 inch extension
- * 1/2" drive
- * Black coating on extension protects the tool from rust compared to standard black oxide

SK
PROFESSIONAL TOOLS

IFA PART#
46170

TORQUE WRENCH



- * Rubber cover on the head, lock ring and handle provides cushioning

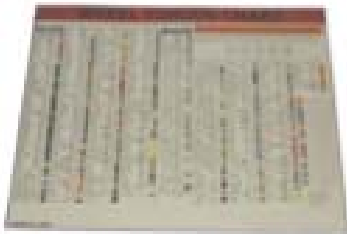
- * Lightweight, weighs only 3 lbs.

IFA PART#
3498

- * Specifically designed for checking wheel lug nuts to exact manufacturer recommended torque value
- * Features a 1/2" drive with a 45 tooth design requiring only 8 degrees of hand travel for indexing
- * Micrometer-type setting adjusts from 30 to 250 ft. lbs. in 1 ft. lb. graduations (47.45 to 345.68 Nm metric range) by rotating the hand-grip
- * Helps prevent the warpage of brake rotors caused by over torquing
- * Wrench indicates desired torque by feel and sound and is highly accurate to +/- 3% clockwise in the upper 80% range

TIRE SERVICE TOOLS

WHEEL TORQUE STICK KIT AND CHART



LAMINATED WALL CHART IS 22 X 28
ALMOST DOUBLE THE SIZE OF THE
CHART INCLUDED WITH THE LT1595 KIT



- * 12 piece kit designed to meet wheel torque specification requirements when using a 1/2" drive impact wrench
- * Each stick bends when the max torque specification designed for the stick is reached
- * Socket sizes are listed A to L and are color-coded for easy ID
- * Includes a wall mountable carrying case and color wall chart (wall chart included with kit is 11 x 17)
- * Additional large laminated color wall chart is also available, which allows for quick identification of wheel torque values from a distance

IFA PART#	STYLE
LT1595	12 PIECE WHEEL TORQUE STICK KIT
LT1500LWC	LARGE LAMINATED WALL CHART

HUBCAP AND WHEEL LOCK REMOVAL KIT



IFA PART#
LTI4000

- * Safely removes and replaces GM, Ford and Chrysler 1978 to 1997 wire wheel hubcap locks
- * Removes most factory and aftermarket mag wheel locking nut locks (helpful when locking nut keys are lost or missing)
- * Includes special dual sided twist socket lugnut remover for the most common difficult lugnuts
- * Includes instructions and is packaged in a custom carrying case

UNIVERSAL NUT CRACKER



IFA PART#
715

- * Splits most stubborn nuts from 7/16" (11mm) to 3/4" (19mm) across the flats
- * Works in channels not accessible to other tools
- * Parallel action of pusher cracks nuts without damaging bolts threads
- * Chisel rotates 360 to line up parallel to bolt

STUD EXTRACTOR



IFA PART#
1708

- * Removes 1/4" (6mm) to 3/4" (19mm) wheel studs
- * Cam wheel grips within 9/32" of flat surface to hold stud securely
- * Removes studs easily and cleanly without pliers
- * Use with a 3/8" drive ratchet and, if needed, an extension

TIRE SERVICE TOOLS

WHEEL WEIGHT HOLDING TOOL



- * Special magnetic end holds weights in position and keeps fingers from being pinched
- * Helps avoid damage to rims caused from glancing hammer blows



IFA PART#
3678

WHEEL WEIGHT HAMMER



- * Installs, removes, trims and tightens all types of clip-on wheel weights
- * Features a special plastic-type material on the hammer head for safe, mar-free installation of specially coated wheel weights

IFA PART#
3358



WHEEL COVER TOOL



- * Removes/Replaces wheel covers quickly and easily without gouging or scratching

IFA PART#
31568

- * Rubber head prevents damage to hub cap

DEAD BLOW HAMMER



- * All rubber
- * Lightweight, 1 pound

IFA PART#
DBHAMMER

TPMS SOCKET KIT



- * Used in the installation and removal of TPMS sensors
- * Kit includes a 11mm x 12mm flip socket and 2" extension



IFA PART#
SUN1819C

TPMS 4-WAY VALVE TOOL



- * All-in-one tool used to remove sensor nuts and seat sensor grommets
- * Removes both 11mm and 12mm nuts, seats both beveled and nonbeveled grommets

IFA PART#
71997

TIRE DEFLATOR SET



- * Quickly evacuates air from tires without removing valve core
- * Tools are marked so tires can be returned to their original position (no need to reset TPMS)

- * Simply replaces a standard sized valve cap

IFA PART#
19860

TIRE CRAYONS



- * Lead and Zinc free
- * Marks easily on cold or wet surfaces
- * Ideal for temporary marking of tires
- * 12 per box

IFA PART#
CRAYON

LUBRICATION / FLUID HANDLING TOOLS

GREASE GUNS

HEAVY-DUTY PISTOL GRIP GREASE GUN



IFA PART#
1134

- * Extremely durable and comfortable to use, with a unique design angle which helps reduce user fatigue
- * Includes both a heavy-duty 18" flexible hose with coupler and a 4" rigid tube (as shown in photo)

FEATURES

- * Jam-proof handle return
- * Rugged single piece head casting
- * Filler nipple/bleeder valve combination
- * Variable stroke for high pressure/volume
- * "Flip over" follower eliminates grease bypass
- * Three way loading: cartridge, suction or bulk
- * Up to 7500 PSI

AIR OPERATED PISTOL GRIP GREASE GUN



IFA PART#
G120

- * 3 way loading handle
- * 1/4" NPT air inlet
- * Develops up to 4800 PSI operating pressure
- * Input pressure of 40 to 120 PSI

STANDARD GREASE GUN



IFA PART#
W54203

- * Heavy duty construction with short stroke "lever action" for easy use in tight spaces
- * Comes with 6" extension with standard ball check coupler
- * Loads with standard 14 oz cartridge

MINI PISTOL GRIP GREASE GUN



IFA PART#
W54200

- * Pistol Grip action and smaller size are excellent for use in tight spaces
- * Air bleeder valve eliminates air lock
- * Loads with special 3 oz cartridge

LITHIUM GREASE FOR GREASE GUNS



- * Multi purpose lithium based grease designed for light applications which require extended lubrication
- * Smooth consistency, water resistant and extremely stable

- * Use on springs, water pumps, bearings and many more general lubrication projects

IFA PART#	COMPANY	DESCRIPTION
85890	GREAT NECK	14 OZ STANDARD (4/CASE)
W54206	PERF TOOL	3 OZ SPECIAL (2/PACK)

Grease gun injuries are serious and may require immediate medical attention. Follow all safety procedures and ensure that fingers, hands and body are clear of grease exit points once the trigger has been pressed.

LUBRICATION / FLUID HANDLING TOOLS

GREASE GUN ACCESSORIES

NEEDLE NOZZLES



5806

* Designed to allow operators to contact flush type or hard-to-reach hydraulic type fittings



25718

* Attaches to hydraulic coupler of control valve or grease gun



82784

IFA PART#	COMPANY	DESCRIPTION
5806	LINCOLN	6" LONG STANDARD CONNECTION
25718	GREAT NECK	4" LONG FEATURING LOCKING SLEEVE AND QUICK DISCONNECT
82784	LINCOLN	6" LONG WITH LOCKING SLEEVE

COUPLERS AND EXTENSIONS



W54227

* All couplers are designed for use where space is a problem

* Couplers/extensions fit standard manual or air-operated grease guns



5845



5884

* Standard 1/8" NPT inlet



G321



IFA PART#	COMPANY	DESCRIPTION
W54227	PERF TOOL	STANDARD 90° RIGHT ANGLE COUPLER
5845	LINCOLN	HEAVY DUTY 7500PSI OPERATING PRESSURE
5859	LINCOLN	QUICK CONNECT WITH 90° FIXED COUPLER
5884	LINCOLN	QUICK CONNECT (INCLUDES 90° COUPLER)
G321	LINCOLN	QUICK CONNECT 360° SWIVEL COUPLER
5818	LINCOLN	EXTENSION - 18" LONG
5861	LINCOLN	EXTENSION - 36" LONG

* Extensions have strategically placed coil springs for non-slip, push-pull grip, which prevent accidental kinking that may cause hose ruptures



5818



5861

HIGH PRESSURE GREASE CONTROL VALVE



- * 7500 PSI maximum operating pressure
- * Precision-machined, all steel handle, body and guard bracket provides durability and longevity
- * Knurled handle for positive grip, handy trigger guard prevents pinching
- * Balanced design reduces user fatigue
- * Lubricant inlet is 1/4" NPT, outlet is 1/8" NPT

IFA PART#
740

LUBRICATION / FLUID HANDLING TOOLS

METERING CONTROL VALVE



- * Designed to dispense oil, ATF and anti-freeze
- * 16 quart dial in 1/4" quart graduations

* Comes with a 10" extension hose, non-drip nozzle and swivel

* Totalizing counter

IFA PART#
877

CONTROL VALVE ASSEMBLY



- * Replacement assembly for the 877 metering control valve
- * Two (2) piece assembly consisting of a 10" hose and non-drip nozzle

* 1/2" hose and 1/4" NPT nozzle

* Fits all Lincoln mechanical valves

IFA PART#
82258

PUMPS / DISPENSERS

PLASTIC DRUM PUMP



- * Chemical and acid resistant
- * Delivers up to 8 ounces, in 2 ounce intervals, per stroke
- * For use on 55 Gallon drums with 3/4" or 2" openings

* Also fits 5 Gallon pails with Rieke Senior spout

IFA PART#
330

LEVER OPERATED BARREL PUMP



- * Heavy Duty telescoping suction tube fits 30 to 55 gallon drums
- * Dispenses approximately 10 ounces per stroke
- * Complete with standard bung adapter and standard garden hose thread discharge spout

IFA PART#
55123

PLEWS & EDELMANN

MANUAL GEAR LUBE DISPENSER



- * For transfer of transmission, differential and heavier oils
- * Includes 48" hose with nozzle, 18" pump and drum cover
- * For 5 gallon pails
- * Lever action type

IFA PART#
W54232

Performance Tool

BOTTLE PUMP



- * Ideal for adding oil and other fluids to small engines and hard to reach areas, ex: transmission and differential fill plugs
- * Fits standard 32 ounce (1 quart) bottles
- * 4 cc pump with flexible hose

IFA PART#
55001

PLEWS & EDELMANN

LUBRICATION / FLUID HANDLING TOOLS

PUMPS / DISPENSERS

ANTI-FREEZE/WASHER FLUID SPOUT



- * Patented On/Off valve with adjustable flow
- * No mess, No spill
- * Fits standard quart and gallon containers



IFA PART#
10101B

OIL/TRANSMISSION/GEAR FLUID SPOUT



- * Patented On/Off valve with adjustable flow
- * Clear tube
- * Fits standard quart and gallon containers



IFA PART#
10106B

PISTOL OILER



- * Steel body for strength and durability
- * 6 Ounce capacity with a flexible 6" spout

IFA PART#
25728

CONTAINERS / FILLERS

FILLER BOTTLES



- * Different sizes for 5 quart vehicles and SUV's/trucks that require more than 6 quarts of oil
- * Perfect for bulk oil; with 8" flex hose

* See through material enables the user to read the liquid level, in both quarts and liters

IFA PART#	SIZE	DESCRIPTION
19712	8 QUART	CLEAR SPOUT
19752	6 QUART	RED SPOUT

BATTERY FILLER AND REPLACEMENT FILLER



- * 2 Quart capacity
- * Made of black plastic
- * Features an automatic shut-off tip



IFA PART#
W54274
99038

DESCRIPTION
BATTERY FILLER
REPLACEMENT TIP

MEASURING CAN



- * Provides convenient fluid transfer to vehicles and equipment
- * 14" flexible spout, with tapered tip, accesses hard to reach areas and allows for one hand operation

* Rolled top edge helps prevent spilling while recessed bottom provides stability and safety

* Thumb operated control valve locks into position

IFA PART#
G525

RADIATOR FILLER



- * Tough polyethylene won't damage automotive finishes
- * Impervious to oil, gasoline and antifreeze

* 3 Gallon capacity

IFA PART#
75025

* Will withstand normal temperature extremes

LUBRICATION / FLUID HANDLING TOOLS

DRAIN PANS

RADIATOR DRAIN PAN



PLEWS & EDELMANN

- * Heavy duty galvanized steel with handles
- * Pouring with anti-splash baffle prevents spilling
- * 6 gallon capacity, 19" diameter x 6" high

IFA PART#
75-750

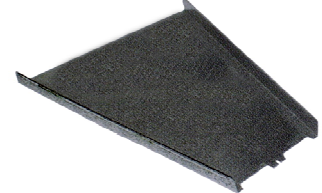
UNIVERSAL DRAIN PAN



- * 6 Quart Drain Pan
- * Plastic drain pan with pour spout
- * The pan is 4" deep, 14" wide to the spout

IFA PART#
17932

OIL DEFLECTOR



- * Deflects oil into a drain pan instead of spilling
- * Teeth hold deflector into any size drain pan
- * Adjustable to many different angles

IFA PART#
30499

EVACUATION EQUIPMENT AND ACCESSORIES

MITYVAC - DIRECT THROUGH DIPSTICK



7300

7300 SPECIFIC

- * Operates on compressed air to create a powerful vacuum
- * Independent air shut-off valve
- * Quiet, muffled exhaust
- * Brake/clutch bleeding adapter kit included



7400

7400 SPECIFIC

- * Convenient manual pump operation offers superior mobility by eliminating the need for electricity or compressed air

BOTH MACHINES

- * Durable, chemical resistant polyethylene construction
- * Automatic overflow prevention
- * Quick-drain pour spout
- * Large base with foot stabilizer
- * User manual (English/French/Spanish)
- * Includes 3 dipstick tubes (plus adapters) 0.23", 0.26" and 0.41" OD x 5' long each



JOHN DOW - DIRECT THROUGH DIPSTICK



- * Vacuum system extracts used oil and other fluids from any vehicle
- * Completely portable and easy to use
- * 5 suction probes plus BMW, VW, and Mercedes adapters



- * 6 gallon steel tank
- * 7' suction hose, 10' evac hose
- * Easy to read vacuum gauge
- * 7" wheels for easy handling
- * Sight tube for suction probes
- * Non-crimping hose guard

IFA PART#

DESCRIPTION

IFA PART#	SIZE	STYLE
7300	2.3 GALLONS (8.8L)	COMPRESSED AIR
7400	1.9 GALLONS (7.3L)	MANUAL PUMP
822599	REPLACEMENT TUBE SET OF 3 (1 OF EACH)	

IFA PART#	DESCRIPTION
EV6GAL	BATTERY FILLER
PR5-700	5/32" X 27" PROBE (RED)
PR6-700	1/4" X 27" PROBE (GREEN)
PR8-700	9/32" X 27" PROBE (YELLOW)

LUBRICATION / FLUID HANDLING TOOLS

SUCTION GUN



IFA PART#
615

- * Hand held model holds up to 18 ounces of fluid
- * Flexible nozzle perfect for transmission, differential or oil filter service
- * Superior suction action, rust resistant



FUNNELS

FORM-A-FUNNEL



- * Flexible, versatile tool that molds, bends and twists into custom shapes to create leakproof channels for draining oil
- * Can be formed into funnels, drip trays and other liquid management tools
- * Chemical resistant and safe to handle (works in temperatures from -30°F to 425°F)
- * Easy to clean, simply spray with any cleaner or degreaser and wipe away dirt or oil after each use
- * Soft rubber edge forms a seal around filters or drains
- * Can be stored flattened out or rolled up and stored in a tool box



IFA PART#	DESCRIPTION
FAF-SM	SMALL
FAF-LRG	LARGE

OIL SAVER™ FUNNEL / BOTTLE DRAIN



Drain up to 5 oil containers clean enough to meet recycling standards



- * The Oil Saver™ allows the residual oil that is normally left in the bottle to make it into the oil pan where it belongs!
- * The Oil Saver™ is a multi-function funnel that also allows you to quickly dispense up to 5 quarts of oil into an engine's valve cover opening
- * The Oil Saver™ saves you money by reclaiming oil that was once simply thrown away
- * After dispensing, simply attach another oil container to the nozzle and hang it on the wall to allow complete drainage of residual oil left in each container

IFA PART#
69002

LUBRICATION / FLUID HANDLING TOOLS

FUNNELS

VEHICLE SPECIFIC THREADED OIL FUNNELS



* No More Mess

* Made of strong polycarbonate



OFAUD1000

* Designed to attach to the valve cover on:

- * BMW 6/8CYL 1996 and on
- * Dodge Sprinter 2.7L
- * Mercedes 112 and 113
- * VW/Audi Various Models
- * Volvo 2.5L



OFGMRD08

* Designed to attach to the engine oil filler neck on:

- * Cadillac CTS
- * Chevy Various Models
- * Ford Various Models
- * GMC Envoy and Sierra
- * Jaguar Various Models
- * Mercury Mountaineer
- * Pontiac G6 and Grand Prix
- * Saturn SL1



OFHON1033

* Designed to attach to the valve cover on:

- * Acura (Except MDX/RDX)
- * Dodge Cummins Dsl, Neons
- * Ford F150 and T.D. trucks
- * Honda Various Models
- * Jaguar Various Models
- * Jeep Wrangler 2.4L 2003 - 2006
- * Mini Cooper 2005 and on
- * Nissan most Models



OFSU1042

* Designed to attach to the threaded oil cap on:

- * All Subaru models (except Tribeca)



OFTOY1001

* Designed to attach to the 1/4 turn valve cover on:

- * Toyota Various Models
- * Lexus Various Models
- * Scion Various Models



OFTOY1038

* Designed to attach to the threaded oil cap on:

- * Toyota Various Models (except Prius)
- * Lexus Various Models
- * Scion Various Models



PART NUMBERS FOR EACH FUNNEL ARE LISTED IN THE YELLOW BOXES



LUBRICATION / FLUID HANDLING TOOLS

FUNNELS

ALL PURPOSE FUNNEL



- * Extra long neck to reach out of the way areas
- * 5" diameter, 18" overall length
- * Multi-purpose and rigid

IFA PART#
W4034

RADIATOR FUNNEL

- * Perfect for Anti-Freeze
- * No mess splash guard and wide opening for quick pouring



IFA PART#
10703



SPILL FREE FUNNEL



- * Controls the proper amount of coolant entering system, enabling unattended filling
- * Eliminates trapped air pockets and protects the environment

IFA PART#
22150

MEASU-FUNNEL



- * Measure then release desired amount of fluid
- * Features a handle and lid for premixing, if needed
- * On / Off Valve controls flow!
- * Extension tube w/cap reaches most filler holes

IFA PART#
10704



GIANT FUNNEL



- * Ideal funnel for large jobs (holds up to 132 ounces of fluid)
- * Easy Grip guard makes pouring safe and easy
- * Splash guard protects against spills
- * Snap-in screen included helps reduce contaminants

IFA PART#
10705



TWO PIECE FUNNEL



- * A multi-purpose two-piece funnel with a 12" detachable, flexible spout
- * Includes an easy grip handle that makes pouring safe and easy
- * 15" overall length, 6" diameter with 3/4" OD tip



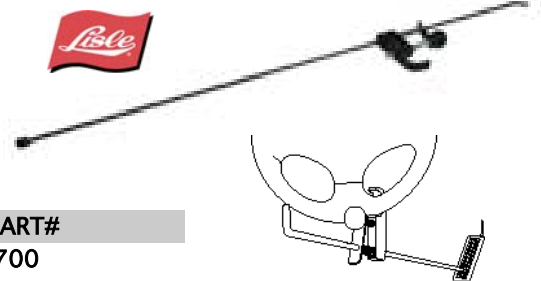
IFA PART#
75-074

NEED A FUNNEL NOT LISTED IN OUR CATALOG?
CONTACT US AT 800-872-2333 WITH THE DETAILS

SPECIALTY TOOLS

THROTTLE DEPRESSOR

- * Attaches to steering wheel and depresses the throttle pedal
- * Quickly adjusts RPM to desired setting
- * Saves time and money with air conditioning work, fuel injection service, tune-ups, etc.
- * Overall length of 40 inches



IFA PART#
48700

EXTENDABLE HOOD HOLDERS



- * Holds hoods, doors or trunk lids open during repair
- * Extends 28" to 48"

IFA PART#
V387



- * Three (3) piece, telescoping design
- * Telescopes from 18 1/2" to 46 3/4"

IFA PART#
45900

INSPECTION MIRROR



IFA PART#
25195



- * For fast and accurate visual inspection of hidden areas
- * Double ball joint allowing for 360° viewing
- * 2" mirror with extension from 7 1/2" to 17"

PICK-UP TOOLS

MAGNETIC PICK-UP TOOL



- * Retrieves dropped nuts, bolts and small objects from hard to reach places
- * Fits inside a shirt pocket or tool belt
- * Extends to over 2 feet and can lift up to 2 lbs

IFA PART#
2516B

FOUR-CLAW PICK-UP TOOLS



- * Tools with flexible shafts and four prong claws at the end for retrieval of small objects from hard to reach places

- * Push button to open claw and release to close around object

IFA PART#	COMPANY	LENGTH
25291	GREAT NECK	24" LONG
2391	KD	23" LONG

SPECIALTY TOOLS

PICKS AND HOOKS

HEAVY DUTY 3 PIECE SET



IFA PART#
3476

* Ideal for use anywhere a hook removal, spring removal or a sharp punch tool is required

* All feature corrosion resistant zinc plating and a high visibility orange handle

EXTRA LONG HOOKER



* Great for removal of radiator hoses, cotter pins, body clips, moldings, seals, o-rings and washers

* Easy grip handle

* 4 7/8" long blade

IFA PART#
13800

PUSH PIN CABIN AIR PLIERS

* Removes common push pin anchors found on many cabin air filter applications

* The best and only way to remove push pins without damage

* Tool lifts the center pin and pulls anchor in one simple step



IFA PART#	OFFSET
3729	30°
3888	80°

PLASTIC FASTENER REMOVER



* Quickly removes various types of plastic fasteners that hold on weather stripping, radiator shrouds, fender linings, air dams and other plastic or rubber parts

* Tool is equipped with a sliding urethane button for use when extra leverage is necessary

IFA PART#
35260

PLASTIC PAIL OPENER



* Large die-cast aluminum alloy tool provides strong leverage to open pails and drum plugs

* 18" long with molded grip and hanging hole

IFA PART#
7460

HACKSAW BLADES



12 INCHES LONG - 32 TEETH PER INCH

* Fine cut, high speed molybdenum steel for toughness and flexibility or alloy steel

IFA PART# QTY
GM222 2 PACK



* Fits standard hacksaws which use a 12" blade; Excellent for cutting high carbon or alloy steel

SPECIALTY TOOLS

RAZOR BLADE SCRAPERS



- * Designed to reach in tight places, perfect for removing stickers from windshields, bumpers, etc.
- * Includes five stainless steel blades and one plastic blade for use on safety plastic laminated windshields or other easily scratched surfaces
- * Hollow handle stores all blades when not in use

IFA PART#
52000



- * Locks into 3 positions to reach hard to get at slanting windshields
- * Remove inspection stickers, dealer price labels and paint from glass
- * Cutting edge folds into the handle for safe storage
- * Not for use on plastic-coated windshields

IFA PART#
2106

RAZOR BLADES



- * Standard #9, with single edge
- * 100 per pack



IFA PART#
MTN950

WIRE SOCKET BRUSH

- * Removes corrosion and dirt from automotive light bulb sockets for a perfect connection (5/8" diameter bristle)



IFA PART#
139

OIL PRESSURE SWITCHES

IFA PART#	DESCRIPTION
47205	93-95 JEEP GRAND CHEROKEE 6/8 CYL (1 PIN)
47206	96-97 JEEP GRAND CHEROKEE 6/8 CYL (2 PIN)
47207	98-02 JEEP GRAND CHEROKEE 6/8 CYL (2 PIN)



- * Direct replacement
- * Works on vehicles with an oil pressure gauge or warning light

OIL PRESSURE SWITCH SOCKET



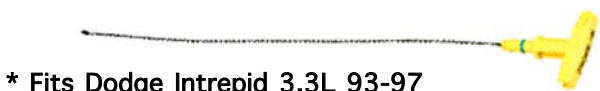
- * Fits 1 1/16" switches up to 2 5/8" long
- * Works on most 91 and newer GM, 87 and newer Chrysler



IFA PART#
13250

- * Use with 3/8" drive or 1 1/8" hex

OIL DIPSTICK



- * Fits Dodge Intrepid 3.3L 93-97

IFA PART#
65144

- * Plastic handle breaks easily due to location

UNIVERSAL VALVE CORE TOOL



- * Double ended for easy replacement of standard and large bore valve cores for R12, JRA (M6) EATON (M8,M10) for R134A

IFA PART#
81290

SPECIALTY TOOLS

SPLASH SHIELD HARDWARE TECH TRAY



- * Contains ten (10) each of the twelve (12) most popular skid plate and splash shield fasteners on the market
- * 120 total pieces plus plastic storage case
- * All items are also sold separately (re-order qty is per 5 fasteners)

IFA PART#
030-212

VW SPLASH SHIELD AND HARDWARE



IFA PART#
89042

- * Fits 98-07 VW Beetle, Golf & Jetta
- * Includes hardware for easy installation

WIRE TERMINAL/CONNECTOR ASST



- * Contains 18 part numbers, 360 pieces of insulated PVC sleeves, zinc plated wire terminals and connectors



IFA PART#
KT100087

FOLD UP CREEPER



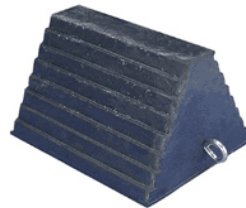
- * Folds up and hangs for convenient storage

- * Great for off road situations and under vehicles where no jacks or lifts are used



IFA PART#
95002

WHEEL CHOCK



IFA PART#
31629

- * Standard ribbed two-sided triangle wheel chock with eyehook
- * Black molded rubber
- * For cars and light trucks

C CLAMP



- * 6" length
- * Steel screw with swivel tip and sliding crosspin handle

IFA PART#
CCLAMP

INFLATE-A-WEDGE



- * Allows you to safely separate the door from the vehicle body to unlock the vehicle

IFA PART#
LT275

SLEDGE HAMMER



- * Forged steel head with straight hickory handle
- * 2 1/2 pounds, double face; Handle length of 15 1/2"

IFA PART#
SLEDGE

SPECIALTY TOOLS

PLASTIC PARTS ORGANIZER



14 COMPARTMENTS

IFA PART#
W5189

- * Durable injection molded plastic construction
- * Full height internal dividers to keep parts separated
- * Store flat or upright on built-in feet

MAGNETIC PARTS TRAY



- * Secures metal tools and parts in horizontal or vertical positions
- * Rubber sleeve protects surface
- * Great for mounting on tool boxes

GEARWRENCH

IFA PART#
83104

ROLLING CART



- * Two (2) shelf cart with locking drawer
- * 16 gauge steel construction
- * Two (2) swivel casters for easy maneuvering



IFA PART#
W54004

Shelf dimensions: 28" x 16" x 3 1/2" deep
Drawer dimensions: 27" x 15" x 3 3/4" deep

FLUID RX™ TEST STRIPS

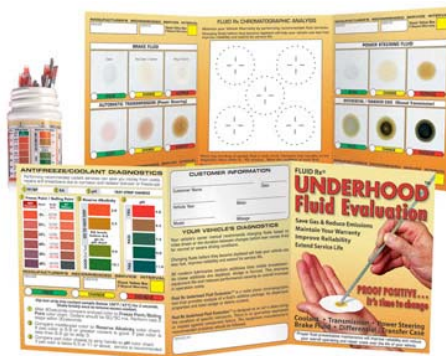
POWER STEERING FLUID DIAGNOSTIC KIT



- * Simple and accurate fluid diagnostics
- * 100 test disks (One disk per test)
- * ISO laboratory comparison chart

IFA PART#
RX10240

COMPLETE ALL-IN-ONE UNDERHOOD FLUID EVALUATION KIT



- * 70 all-in-1 individual panel sheets for Transmission, Power Steering, Brake, Differential Fluid, and one (1) bottle of 70 coolant test strips
- * Simply place a drop of the sample fluid or lubricant on the Fluid Rx tester (filter paper), or place a dip strip in the coolant, then compare the findings to the Fluid Rx ISO analysis charts

1. Expert analysis by every employee every time - No tools or special training needed - Takes subjective interpretation and guesswork out of the equation
2. Proof positive it's time to change for the customer - Instant credibility test shows customers when a fluid needs servicing, giving them confidence
3. Increased ticket averages by every employee - Increases fluid services & chemical sales by showing what services are needed
4. Reduces liabilities & enhances maintenance records - Provides a permanent record of fluids condition & tracks ageing for next service
5. Improves Customer Loyalty - Providing fluid diagnostics makes your customer an informed participant



IFA PART#
RX85128

AIR TOOLS

AIR IMPACT WRENCH



Chicago Pneumatic

- * One hand push button forward/reverse power regulator with patented "oil bath" spring hammer clutch provides ultimate power, smooth operation and extreme durability
- * 4 positive power settings in forward (from 50 to 450 ft. lbs. of torque) and ultimate power in reverse (625 ft. lbs.)
- * 2" extended anvil makes this excellent for tire service
- * 1/4" NPTF air inlet with a 1/2" drive

IFA PART#
CP749-2

AIR DRILL



MOUNTAIN

Specifications:

- * 3/8" Jacobs chuck
- * Free speed: 1,800 rpm
- * Net weight: 2 1/2 lbs.
- * Air inlet thread: 1/4" NPT
- * Air hose I.D. size: 3/8"

- * Lightweight compact size is easy to handle
- * Provides full power in forward and reverse
- * Equipped with a built in muffler for noise reduction
- * Aluminum body with rubber handle grip

IFA PART#
MTN7302

RIGHT ANGLE AIR RATCHET



Chicago Pneumatic

- * Compact head design allows for greater flexibility in tight areas
- * Easy to grip reverse lever for simple directional changes
- * Perfect for installing/removing spark plugs, radiators, water pumps, and exhaust systems

Specifications:

- * 3/8" square drive
- * Speed : 160 rpm
- * Air hose I.D. size: 3/8"
- * Torque range: 10-50 ft lbs.

IFA PART#
CP886

LOCKING AIR TOOL HOLDER



- * Tool can hold and organize up to five (5) pneumatic tools in a 10" space
- * Slots fit popular quick connect fittings from companies such as Milton, Lincoln and Amflo
- * Can be mounted on a tool box, cart or wall
- * Locking feature protects your air tools from theft (provide your own lock)

IFA PART#
49960

AIR TOOL OIL



- * Marvel Mystery Oil® is specially formulated tool oil for use in all piston type and rotary air tools, as well as in-line air lubricators
- * Assures the maximum performance of your tools by dissolving gum and sludge that robs tools of speed and power

- * Great for dressing engine compartments and protecting rubber hoses
- * Prevents rust formation in tools

IFA PART#
MARVOIL

NUTDRIVERS

NUT DRIVER SETS & INDIVIDUAL NUT DRIVERS



STANDARD (SAE)

IFA PART#	INCLUDES	COLOR	INDIVIDUAL PART#'S
ND72	3/16"	BLACK	ND3C
	1/4"	RED	ND5C
	5/16"	YELLOW	ND7C
	11/32"	GREEN	ND8C
	3/8"	BLUE	ND9C
	7/16"	BROWN	ND10C
	1/2"	RED	ND11C

METRIC

IFA PART#	INCLUDES	COLOR	INDIVIDUAL PART#'S
ND7CM	6mm	BLACK	ND6MM
	7mm	RED	ND7MM
	8mm	YELLOW	W30908
	9mm	GREEN	ND9MM
	10mm	BLUE	W30910
	11mm	BROWN	ND11MM
	12mm	RED	ND12MM

* Color coded handles and stamping for easy identification

* Highest quality transparent handles

* Chrome plated

* Industry standard color coded flutes for easy identification



* 7 piece sets (METRIC or SAE), all part numbers are sold separately

* Made for professionals in the USA

RATCHETING NUT DRIVER SET



* The new standard in ratcheting drive tools with a fine tooth ratcheting mechanism for proven strength and fine ratcheting arc

* Interchangeable nut driver shafts cover a variety of SAE and Metric applications

* Contoured handle features a dual durometer grip for exceptional comfort and high torque

Includes:

One (1) - Stubby GearDriver Handle

Seven (7) - Interchangeable Standard SAE Nut Driver Shafts (3/16", 1/4", 5/16", 11/32", 3/8", 7/16", and 1/2")

Eight (8) - Interchangeable Metric Nut Driver Shafts (5, 6, 7, 8, 9, 10, 11, and 12mm)

* items are NOT sold separately

IFA PART#

8916

PLIERS

SLIP JOINT PLIERS



- * Two position for large and small jobs
- * Steel plated with double-dipped vinyl grip handles and milled jaws

IFA PART#	SIZE
10-006 (SJ6C)	6"
SJ10C	10"

WISE GRIP LOCKING PLIERS

- * Curved jaw allows for tremendous pressure to be placed on four points of any style nut or bolt head
- * Comes with quick release handle and built-in wire cutter capable of cutting up to 1/4" bolts



IFA PART#	SIZE
W30756	10"

MULTI-GROOVE JOINT PLIERS



- * Chrome plated with vinyl grip handle and milled jaws
- * Multi ribbed construction with (6) six different positions offering a wider range of use

IFA PART#	SIZE
W30743	12"
W160C	16"

NEEDLE NOSE PLIERS

STANDARD STRAIGHT PLIERS



- * Straight plier for hard to reach areas, with vinyl grip handle for better grip
- * Also cuts and bonds wire

IFA PART#	COMPANY	SIZE
W1117C	PERF TOOL	6 1/2"
L11S	GREAT NECK	11"

ANGLED PLIERS (STANDARD HANDLE)



- * Extra long pliers with a 45° bent nose to reach even the tightest places

- * Soft, comfort grip, vinyl handles and heat treated steel for longer wear

IFA PART#	SIZE
51211	11"

PLIER SET (SPRING HANDLES)



- * Set includes 11" long nose, 90° long nose and 1/2" cable and hose pliers
- * Polished heads with cushion grip double leaf spring handles

IFA PART#
W30716

CABLE / HOSE GRIPPER PLIERS



- * Gripping end of pliers are excellent for removing/replacing hoses, headlights, bulbs, etc.

- * Cushioned handles for added comfort and grip

- * Both part numbers are 11" long

IFA PART#	HEAD SIZE
MTN14167	5/16"
MTN14168	1/2"

RATCHETS & RATCHET ACCESSORIES

RATCHETS

STANDARD ROUND HEAD RATCHET



- * Chrome-plated, high carbon steel
- * Reversible, knurled ring spinner design

IFA PART#	COMPANY	DRIVE	SIZE
RA14	GREAT NECK	1/4"	5 1/2"
W38106	PERF TOOL	3/8"	8"
W32106	PERF TOOL	1/2"	10"

TEARDROP QUICK RELEASE FLEX RATCHET



24 GEAR TEETH

- * Quick release feature for easy socket changes
- * Chrome plated finish resists corrosion

IFA PART#	DRIVE	SIZE
W38102	3/8"	11"

TEARDROP STUBBY FLEX RATCHET



60 GEAR TEETH

6 FLEX POSITIONS

- * Low profile and performance head for both greater accessibility and strength

IFA PART#	DRIVE	SIZE
81212	3/8"	5"

BREAKER BAR RATCHET



- * Use to break free tight nuts and bolts
- * 180° pivoting drive end



IFA PART#	DRIVE	SIZE
BB18	1/2"	18"

EXTENSIONS



- * Adds length to ratchets

IFA PART#	COMPANY	DRIVE	SIZE
EX214	GREAT NECK	1/4"	2"
EX614	GREAT NECK	1/4"	6"
W38143	PERF TOOL	3/8"	3"
EX38	GREAT NECK	3/8"	5"
EX12	GREAT NECK	1/2"	5"
EX105	GREAT NECK	1/2"	10"
22018	K TOOL	3/8"	18"

STANDARD EXTENSIONS

IFA PART#	COMPANY	DRIVE	SIZE
EX214	GREAT NECK	1/4"	2"
EX614	GREAT NECK	1/4"	6"
W38143	PERF TOOL	3/8"	3"
EX38	GREAT NECK	3/8"	5"
EX12	GREAT NECK	1/2"	5"
EX105	GREAT NECK	1/2"	10"
22018	K TOOL	3/8"	18"

IMPACT EXTENSIONS

46170	SK TOOL	1/2"	3"
732206	KD TOOL	1/2"	6"

WOBBLE EXTENSIONS

W38144	PERF TOOL	3/8"	3"
W38147	PERF TOOL	3/8"	6"

UNIVERSAL JOINTS

- * Designed for use around tight corners



IFA PART#	DRIVE
07-161 (UJ38)	3/8"

SOCKET ADAPTERS (CONVERTERS)



- * Allows for conversion to different size drives - use the same ratchet for multiple socket drives

IFA PART#	COMPANY	FROM	TO
22050	K TOOL	1/2"	DECREASE 3/8"
721508	KD TOOL	3/8"	DECREASE 1/4"
721516	KD TOOL	3/8"	INCREASE 1/2"
741202	KD TOOL	3/4"	INCREASE 1"

SCREWDRIVERS

SLOTTED (FLAT-HEAD) AND PHILLIPS SCREWDRIVERS



- * Chrome plated blades made of chrome vanadium steel
- * High quality transparent handles
- * Made for professionals



SLOTTED (FLAT-HEAD)

IFA PART#	BLADE SIZE
40533	1/8" X 2 1/2" POCKET (CLIP)
22-403	1/8" X 3" POCKET (NO CLIP)
W30986	3/16" X 3"
22-416 (G63C)	3/16" X 6"
22-420 (85002)	3/16" X 10" CABINET TIP
22-421	1/4" X 1 1/2" STUBBY
W30988	1/4" X 4"
22-425 (A44SC)	1/4" X 4" SQUARE SHANK
22-426 (A64C)	1/4" X 6"
22-430	1/4" X 10"
22-436 (A66C)	5/16" X 6"
22-437 (A66SC)	5/16" X 6" SQUARE SHANK
W30992	3/8" X 8"
22-450 (A128S)	3/8" X 10"



PHILLIPS

IFA PART#	BLADE SIZE
40500	#0 X 2 1/2" POCKET (CLIP)
22-453	#0 X 3" POCKET (NO CLIP)
22-463 (A33PC)	#1 X 3"
22-470 (TGR81)	#1 X 10"
22-471	#2 X 1 1/2" STUBBY
22-474 (A44PC)	#2 X 4"
22-480 (A84PC)	#2 X 10"
22-486 (A66PC)	#3 X 6"



SCREWDRIVER SET



- * 6 piece set
- 3 slotted
- 3 phillips

SLOTTED
1/4" X 1 1/2"
3/16" X 4"
1/4" X 4"

PHILLIPS
#2 X 4"
#2 X 1 1/2"
#1 X 3"

IFA PART#
22-498 (A6K)



TORX SCREWDRIVERS



IFA PART#	COMPANY	DESCRIPTION
TDI100	VIM	6PC (T10,15,20,25,27,30)
W30820	PERF TOOL	SIZE: T20, BLADE LENGTH: 4"
83625	SK TOOL	SIZE: T25, BLADE LENGTH: 5"

CORDLESS SCREWDRIVER



7.2 VOLT

INCLUDES:
5 DRILL BITS
5 POWER BITS
STORAGE BAG

IFA PART#
911479

- * 2 speed with a 24 position clutch and a quick-release mechanism for quick & easy bit changing
- * Integrated light with on/off switch
- * 3 position pivoting action for flexibility and versatility in tight areas
- * Forward and Reverse

SOCKETS

SOCKET SETS

1/4" DRIVE DEEP WALL SOCKET SET - METRIC



- * 9 piece set (8 sockets, 1 rail)
- * Metric 6-Point
- * Includes all sizes 5mm through 11mm plus 13mm (no 12mm)
- * All sockets sold individually (see page 232)



IFA PART#
09-951 (S14DM)

1/4" DRIVE SOCKET/RATCHET SET - SAE



- * 13 piece set (9 sockets, 1 spinner handle, 1 teardrop ratchet and 2 extensions - 2" and 6")
- * Packaged in a blow molded case with removable lid
- * Socket sizes: 3/16"-1/2"

* Pieces NOT sold separately

IFA PART#
91112

3/8" DRIVE SOCKET SET - METRIC



- * 9 piece set (8 sockets, 1 case)
- * Metric 6-Point
- * Includes all sizes 9mm through 14mm plus 17mm and 19mm
- * All sockets sold individually (see page 232)



IFA PART#
09-964 (938M)

3/8" DRIVE SOCKET SET - METRIC



- * 14 piece set packaged on a slide rail
- * Metric 6-Point
- * Includes all sizes 6mm through 19mm



* Pieces NOT sold separately

IFA PART#
80552

3/8" DRIVE DEEP WALL SOCKET SET - METRIC



- * 9 piece set (8 sockets, 1 case)
- * Metric 6-Point
- * Includes all sizes 10mm through 14mm plus 17mm, 19mm and 21mm
- * All sockets sold individually (see page 232)



IFA PART#
SOM9D

1/2" DRIVE DEEP IMPACT SOCKET SET - METRIC



- * Constructed of high impact grade chrome moly steel for extra strength and durability
- * 11 piece set (10 sockets / 1 rail)
- * Metric 6-Point

* Includes all sizes
10mm to 19mm

IFA PART#
25592

SOCKETS

INDIVIDUAL SOCKETS



* Manufactured with chrome vanadium steel for strength, durability, and resistance to corrosion

* All sockets feature designs which provides superior gripping power without rounding the fastener points

* All sockets feature stamping showing size and brand



6-point



12-point

6-POINT METRIC - STANDARD

IFA PART#	DRIVE	SIZE
4MMS	1/4"	4mm
26155	1/4"	5.5mm
W36208	1/4"	8mm
20-10MM (10MMS)	1/4"	10mm
06-051 (SK7M)	3/8"	7mm
W38208	3/8"	8mm
SK9M	3/8"	9mm
06-054 (SK10M)	3/8"	10mm
06-055 (SK11M)	3/8"	11mm
06-056 (SK12M)	3/8"	12mm
06-057 (SK13M)	3/8"	13mm
06-058 (SK14M)	3/8"	14mm
06-059 (SK15M)	3/8"	15mm
SK16M	3/8"	16mm
06-061 (SK17M)	3/8"	17mm
06-063 (SK19M)	3/8"	19mm
06-197 (2083)	1/2"	22mm
28124	1/2"	24mm
W32232	1/2"	32mm

6-POINT METRIC - DEEP

IFA PART#	DRIVE	SIZE
SK5MDP4	1/4"	5mm
SK6MDP4	1/4"	6mm
W36407	1/4"	7mm
SK8MDP4	1/4"	8mm
SK9MDP4	1/4"	9mm
SK10MDP4	1/4"	10mm
SK11MDP4	1/4"	11mm
SK13MDP4	1/4"	13mm
SK10MDP8	3/8"	10mm
SK11MDP8	3/8"	11mm
SK12MDP8	3/8"	12mm
SK13MDP8	3/8"	13mm
SK14MDP8	3/8"	14mm
SK17MDP8	3/8"	17mm
SK19MDP8	3/8"	19mm
SK21MDP8	3/8"	21mm

FOR GM DRAIN PLATE - SEE PAGE 17

6-POINT STANDARD (SAE)

IFA PART#	DRIVE	SIZE
06-035 (SK12)	3/8"	1/2"
06-149 (SK39)	1/2"	15/16"
SK41	1/2"	1 1/16"
23140	1/2"	1 1/4"

12-POINT METRIC

IFA PART#	DRIVE	SIZE
09-524	1/2"	24mm
538136	1/2"	36mm

SOCKET HOLDER RAILS

* Convenient storage strips which hold 15 total sockets

* Hangs on peghook from end of rail or stores in tool box



IFA PART#	DRIVE
SHOLD14	FOR 1/4" DRIVE SOCKETS
SHOLD38	FOR 3/8" DRIVE SOCKETS
SHOLD12	FOR 1/2" DRIVE SOCKETS
09-951R	MINI 1/4" RAIL - 9 SLOTS

SOCKETS

TORX® SOCKETS SET & INDIVIDUAL SOCKETS / BITS



- * T40 ideal for Cadillac Catera drain plug
- * T45 ideal for Cadillac CTS oil filter housing
- * Also used for many GM and Ford brake caliper Torx bolts

* Part# 22800 is a nine (9) piece set which includes: 1/4" drive T-10, T-15, T-20, T-25, T-27, T-30; 3/8" drive T-40, T-45 and T-50, with socket rail

IFA PART#	COMPANY	DRIVE	SIZE
22800	K TOOL	1/4" & 3/8"	T-10 to T-50
26580	LISLE	1/4"	T-20
W38840	PERF TOOL	3/8"	T-40
2018	GREAT NECK	3/8"	T-45
14800	LISLE	T-20 SCREWDRIVER INSERT BIT	

HEX BIT SOCKET SET & INDIVIDUAL HEX BIT SOCKETS



- * Great for use on rear end, transmission plugs and disc brake calipers

IFA PART#	DRIVE	SIZE / DESCRIPTION
25417	1/2" (ALL)	3 PIECE METRIC SET (12MM, 14MM, 17MM) (PICTURED)
42-12MM	1/2"	METRIC - 12MM
42-14MM	1/2"	METRIC - 14MM
42-17MM	1/2"	METRIC - 17MM (IDEAL FOR TOYOTA TRANSFER CASE PLUGS)
2042	3/8"	SAE STANDARD - 3/8" (DISC BRAKE CALIPER)
2067	3/8"	METRIC - 10MM (DISC BRAKE CALIPER)

WRENCHES

TORQUE WRENCHES

HEAVY DUTY TORQUE WRENCH (TIRE ROTATION)



- * Specifically designed for checking wheel lug nuts to exact manufacturer recommended torque value
- * Features a 1/2" drive with a 45 tooth design requiring only 8 degrees of hand travel for indexing
- * Micrometer-type setting adjusts from 30 to 250 ft. lbs. in 1 ft. lb. graduations (47.45 to 345.68 Nm metric range) by rotating the hand-grip
- * Wrench indicates desired torque by feel and sound and is highly accurate to +/- 3% clockwise in the upper 80% range
- * Lightweight, weighs only 3 lbs.

IFA PART#
3498

WRENCHES

TORQUE WRENCHES

DIGITAL TORQUE WRENCH



- * Non-slip, rugged housing
- * 36 tooth gear ratchet design
- * 3/8" drive; 10 to 100 ft. lbs.; 16.3" long; 110 hr. battery life
- * Eliminates the possibility of human error with a series of lights and alarms that immediately alert the user to torque readings that are "over or under" entered values
- * Easy to use, exceedingly accurate and features a high contrast, backlit LCD screen display
- * Operates with only four buttons: power on/off; unit of measurement (ft./lbs., in./lbs., N-m); torque target up; torque target down
- * Quickly switches among the three types of measurement, eliminating the need to have three separate tools

IFA PART#
72130



MICROMETER TORQUE WRENCH



- * Positive, spring-loaded locking mechanism automatically locks in the selected reading to prevent accidental change
- * Features a 3/8" drive with a 45 tooth design requiring only 8 degrees of hand travel for indexing
- * Micrometer-type setting adjusts from 25 to 250 inch lbs. in 1 inch lb. graduations (3.61 to 29.03 Nm metric range) by rotating the hand-grip
- * Fast, easy to use and is highly accurate to +/- 4% clockwise and +/- 6% counter clockwise
- * 13.1 inches long

IFA PART#
3459



TORQUE WRENCH (DRAIN PLUG)



- * 3/8" drive
- * 20-200 in. lbs.
- * 10 inches long
- * Ratcheting click style for tight places
- * Comes in a blow molded case for easy storage
- * Excellent design is perfect for drain plug installation and removal



IFA PART#
16200

TORQUE LIMITING WRENCH (OIL HOUSING CAPS)



- * Designed for the Oil Change industry for installing and removing Filter Housing Caps
- * The 3/8" Sq Drive has a patented internal torque limiting device at 25Nm (18 ft lbs), which prevents overtightening during installation of housing caps
- * 290mm (11 1/2"); full reverse torque

IFA PART#
8940

WRENCHES

COMBINATION WRENCH SETS & INDIVIDUAL WRENCHES

- * 13 piece sets, both standard (SAE) and metric
- * Open end (6 POINT) and box end (12 POINT) result in better contact with bolts to reduce stripping
- * Chrome plated design and heat treated for rust resistance and ease of cleaning
- * Raised panel provides additional strength and durability



INCLUDES FREE STORAGE POUCH

STANDARD (SAE) - 12 POINT BOX END

IFA PART#	INCLUDES	INDIVIDUAL PART#'S
41013	1/4"	C14C
	5/16"	C516C
	3/8"	C38C
	7/16"	C716C
	1/2"	C12C
	9/16"	C916C
	5/8"	C58C
	11/16"	C1116C
	3/4"	C34C
	13/16"	C1316C
	7/8"	C78C
	15/16"	C1516C
	1"	C1C

METRIC - 12 POINT BOX END

IFA PART#	INCLUDES	INDIVIDUAL PART#'S
41513	7mm	C7MC
	8mm	C8MC
	9mm	C9MC
	10mm	C10MC
	11mm	C11MC
	12mm	C12MC
	13mm	C13MC
	14mm	C14MC
	15mm	C15MC
	16mm	C16MC
	17mm	C17MC
	18mm	C18MC
	19mm	C19MC

COMBINATION WRENCH SET - 6 POINT



- * 6 point open and closed combination wrenches designed for removing oil drain plugs
- * 7 pc kit comes in a durable roll-up pouch

* Rubber coated for non-slip work



METRIC - 6 POINT BOX END

IFA PART#	INCLUDES	INDIVIDUAL PART#'S
2500	13mm	2576
	14mm	2584
	15mm	2585
	16mm	2586
	17mm	2589
	19mm	2578
	22mm	2579

CROWSFOOT WRENCH SETS



- * Excellent for using on a/c, fuel and hydraulic line fittings
- * 3/8" drive for both standard (SAE) and metric sets

IFA PART#	QTY	STYLE	INCLUDED SIZES
22300	8 PIECES	SAE	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 and 7/8"
27300	10 PIECES	METRIC	10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm

WRENCHES

DOUBLE BOX END WRENCHES

RATCHET STYLE BOX WRENCH SET - STRAIGHT

12 POINT



* 6 piece metric set includes - 8 x 9mm, 10 x 11mm, 12 x 13mm, 14 x 15mm, 16 x 18mm and 17 x 19mm

* 72 tooth ratcheting ends need as little as 5 degrees to move fastener versus 30 degrees for standard box end wrenches

* Sleek head design enables access to tight spots where a ratchet will not fit



IFA PART#
9260

STANDARD BOX WRENCH SET - OFFSET

12 POINT



* 5 Piece metric set

* Offset 10 Degrees



IFA PART#	INCLUDES	INDIVIDUAL PART#'S
DB55M	10mm X 11mm	BW1011
	12mm X 14mm	BW1214
	13mm X 15mm	BW1315
	16mm X 18mm	BW1618
	17mm X 19mm	BW1719
53727	22mm x 24mm	NOT INCLUDED IN SET (53727 IS 15 DEGREES OFFSET)

UNIVERSAL ACCESS BIT SET



IFA PART#
9537



* Includes patented adapters that work with 1/4" and 5/16" bits including - Hex, Torx, Phillips, Slotted and Square bits (eliminates need for hex bit sockets)

* Set includes 34 bits, 1/4" and 5/16" bit adapters, 1/2" reversible wrench and a flexible molded organizer

ADJUSTABLE WRENCH SET



* 3 piece set

* Heavy duty construction

* Drop forged high alloy steel and milled jaws for a power grip

IFA PART#	SIZE
AW3	SET
AW6	6"
AW8	8"
AW10	10"

SPEEDER WRENCH



* 3/8" Drive, 16" long

IFA PART#
721923

HEX KEY WRENCH SET



* Includes 9 hex keys: 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10mm in a handy case



IFA PART#
42300



The Leader in Automotive Fluid Exchanging Equipment

TRANSMISSION FLUID X-CHANGERS

TSD450

TRANSMISSION FLUID X-CHANGER



O.E. APPROVED!



FEATURES

- * Cooler line and dipstick modes
- * Any quantity from 1 to 20 quarts
- * Power interruption memory
- * Fully automatic operation with pause button
- * Large 2.5 gallon-per-minute pump for faster exchanges
- * 12 volt powered with LED service indicators
- * Proven, accurate fluid measurement (+/-3%)
- * Individual add and remove fluid buttons
- * Voltmeter and Quart counter



BENEFITS

- * Large backlit LCD screen provides valuable information and walks the technician through the service making for a faster and easier exchange
- * Roto-cast polyethylene body won't scratch vehicle
- * Adapter rack drains into the waste tank keeping the adapters neat & organized
- * 5 inch locking caster wheels
- * Small platform does not take up a lot of room
- * Clear service hoses provide visual confirmation of exchange
- * Perform more services and generate more revenue than with traditional ATF exchange equipment



TSD450 ACCESSORIES

IFA PART#	DESCRIPTION
BLACK-FD	BLACK SERVICE HOSE
GREY-FD	GREY SERVICE HOSE
RED-FD	RED SERVICE HOSE
TSDFIL2	OIL FILTER DESIGNED FOR TSD450 (2 MICRON FILTER)
941713W	REPLACEMENT DIPSTICK HOSE KIT (LARGE - 4 PCS)
941714W	REPLACEMENT DIPSTICK HOSE KIT (SMALL - 2 PC REDUCER)

ADDITIONAL TRANSMISSION FLUID X-CHANGERS AVAILABLE FROM FLO-DYNAMICS!
CALL 1-800-872-2333 FOR DETAILS

TS410

TRANSMISSION FLUID X-CHANGER



O.E. APPROVED!

TSD440

TRANSMISSION FLUID X-CHANGER



TSD650 DUAL

TRANSMISSION FLUID X-CHANGER



O.E. APPROVED!

ProMax40

TRANSMISSION FLUID X-CHANGER





The Leader in Automotive Fluid Exchanging Equipment

POWER STEERING FLUID X-CHANGERS

PSX2000
POWER STEERING FLUID X-CHANGER



FEATURES

- * Replaces up to 95% of the old power steering fluid in under 8 minutes
- * New and waste fluid reservoirs
- * Clear hoses for visual confirmation of new and waste fluid movement
- * New and waste fluid on/off switches
- * Battery cables hook up directly to vehicle's battery
- * Dual pumps/service hoses drain/refill power steering system through the system's reservoir
- * Fully portable - can perform service anywhere!

PSX2500
POWER STEERING FLUID X-CHANGER



FEATURES

- * Same as PSX2000 listed above
- * Adds fingertip control pendant (pictured) for faster operation
- * Includes rollaround cart that holds the unit at an ergonomically correct working height



PSX3000
POWER STEERING FLUID X-CHANGER



FEATURES

- * Same as PSX2500 listed above
- * Roto-cast polyethylene body & tanks prevent vehicle damage
- * No bay required! Can perform service anywhere
- * Unlike continuous flow models, YOU control the fluid volume, reducing the amount of wasted material.



POWER STEERING FLUID DIAGNOSTIC KIT

EXCELLENT POWER STEERING SERVICE SALES AID!
\$\$\$ UPS TICKET AVERAGES \$\$\$

- * Simple and accurate fluid diagnostics
- * 100 test disks (One disk per test)

- * ISO laboratory comparison chart

IFA PART#
RX10240





The Leader in Automotive Fluid Exchanging Equipment

COOLANT SERVICE MACHINES

C-VAC³ COOLANT SERVICE MACHINE



One machine - multiple services!

FEATURES

- * Rapidly drain & fill coolant with the radiator mouth suction and fill process
- * Quickly & completely flush / exchange all coolant in the system
- * Drain for component change
- * Performs a pressure test on the system & radiator cap
- * Two (2) seven (7) gallon new fluid tanks
- * Eight (8) gallon waste fluid tank
- * Auto new & waste fluid tank shutoff w/indicator
- * Pressure / Vacuum gauge
- * Quick seal connectors keep fluid inside the hoses rather than on the floor



Pictured items are included with unit

VacFill³ COOLANT SERVICE MACHINE

The VacFill3 is faster, more efficient, and the preferred way of performing a coolant drain & fill service

Simply remove the radiator cap, insert the cone and begin the suction process. When you see no more old fluid coming out, switch to the desired fluid and it fills it to the top automatically

It doesn't get any easier than that!



FEATURES

- * Fast 5 minute service
- * Vacuums out unwanted air
- * Easy connection to radiator mouth
- * Uses only shop air
- * Clear hose for visual effect
- * Dual 7 gallon new fluid tanks
- * Easy to operate
- * Two (2) seven (7) gallon new fluid tanks
- * Eight (8) gallon waste fluid tank
- * Recessed storage area
- * Small footprint
- * Vacuum Gauge
- * Universal cone adapter
- * Easy to move two 10" rear wheels
- * 2 locking front casters and handle



IFA PART#

CVACCONE

Pictured items are included with unit

T-TECH

T-TECH FITTINGS - STANDARD

GM FITTINGS



FIT301 FIT302 FIT303 FIT304

IFA PART#	DESCRIPTION
FIT301	FITTING #1 - LARGE GM FEMALE
FIT302	FITTING #2 - LARGE GM MALE
For many GM vehicles, including Buick, Cadillac, Chevy, Olds and GMC models	
FIT303	FITTING #3 - SMALL GM FEMALE
FIT304	FITTING #4 - SMALL GM MALE
For many GM vehicles, including Chevy Cavalier, Tracker, S-10, Tahoe, Pontiac Sunfire and Grand Am	

CHRYSLER FITTINGS



FIT305 FIT306 FIT307 FIT308

IFA PART#	DESCRIPTION
FIT305	FITTING #5 - LARGE CHRYSLER MALE
FIT306	FITTING #6 - LARGE CHRYSLER FEMALE
For many Chrysler, Dodge and Jeep vehicles, including Concorde, 300M, T&C, Jeep Wrangler and Cherokee	
FIT307	FITTING #7 - SMALL CHRYSLER MALE
FIT308	FITTING #8 - SMALL CHRYSLER FEMALE
For many Chrysler, Dodge and Jeep vehicles, including the Jeep Grand Cherokee V8, also Volvo 720 and 740	

FORD FITTINGS



FIT309 FIT310 FIT311 FIT312 FIT314

IFA PART#	DESCRIPTION
FIT309	FITTING #9 - LARGE FORD FEMALE
FIT310	FITTING #10 - LARGE FORD MALE
For many Ford light trucks and vans, including Explorer, Expedition, F-150 Econoline, and Windstar	
FIT311	FITTING #11 - SMALL FORD FEMALE
FIT312	FITTING #12 - SMALL FORD MALE
For many Ford, Lincoln and Mercury vehicles	
FIT314	FITTING #14 - EARLY FORD QUICK COUPLER
For many Ford, Lincoln, and Mercury vehicles, including Lincoln Continental, Town Car and Navigator	

UNIVERSAL FITTINGS



FIT315 FIT316 FIT317 FIT318 FIT319 FIT321 FIT324 FIT320 FIT323

IFA PART#	DESCRIPTION
FIT315	#15 - 1/4" X 3/8" FEMALE
FIT316	#16 - 1/4" X 3/8" MALE
For 1/4" hose connections	
FIT317	#17 - 5/16" X 3/8" FEMALE
FIT318	#18 - 5/16" X 3/8" MALE
For 5/16" hose connections	
FIT319	#19 - 3/8" X 3/8" MALE
For 3/8" hose connections	
FIT321	#21 - 1/2" X 3/8" FEMALE
FIT324	#24 - 1/2" X 3/8" MALE
For 1/2" hose connections	
FIT320	#20 - 3/8" BARB FEMALE
FIT323	#23 - 3/8" BARB MALE
For 3/8" pipe fittings	

DISPENSER GUN ADAPTER FITTINGS



IFA PART#
FIT200

* Adapter kit enables easy refilling of the T-TECH from a bulk dispensing system

* Kit includes a variety of adapters that allow simple connection of a bulk dispensing gun to the T-TECH unit

MERCEDES FITTING



FIT322

IFA PART#	DESCRIPTION
FIT322	FITTING #22

For use on many Mercedes cars and SUV, including C-Class and S-Class models

T-TECH

T-TECH FITTINGS - SPECIALTY KITS

FIT401

KIT#1 - ESCORT



Ford Escort and some Ford Probe, Nissan and Mazda vehicles

FIT402

KIT#2 - BMW



Some Mercedes and many BMW models, including 3 & 5 Series

FIT403

KIT#3 - FORD, DODGE



Ford Taurus and Windstar, plus Dodge Ram and Dakota

FIT404

KIT#4 - GM QUICK CONNECT



USE FIT514 TOOL

Late GM and 05-08 Chrysler which utilize a 3/8" quick connect

FIT405

KIT#5 - CHRYSLER, JEEP



Jeep Cherokee and Grand Cherokee
Use to replace FIT306

FIT406

KIT#6 - FORD, DODGE



Bypass fitting for Ford Taurus, Windstar and Dodge Dakota QC lines

FIT407

KIT#7 - BMW



BMW 500 Series

FIT408

KIT#8 - FORD, MERCURY



Ford Contour and Mercury Mystique models

FIT409

KIT#9 - VOLVO



Many Volvo models, including older S70, V70 and 850

FIT410

KIT#10 - SAAB



Many Saab models, including 9-3 and 9-5

FIT411

KIT#11 - MAZDA, FORD



Many Mazda models and Ford Banjo fittings

FIT412

KIT#12 - DODGE



Some Dodge Dakota and Durango models

FIT413

KIT#13 - GM ALLISON



GM vehicles with Series 1000 Allison transmission

* Kit is equipped with dry break couplers on both the male and female fitting, simply connect the T-Tech service hoses and you are ready to start the exchange

* Not recommended for use with model JB100A or older TT300/TT200 models that utilize a glass cylinder

T-TECH

T-TECH FITTINGS - SPECIALTY KITS

FIT414

KIT# 14 - FORD QUICK CONNECT



USE FIT512 TOOL

Late-model Ford vehicles that utilize a 3/8" quick connect

FIT415

KIT# 15 - FORD QUICK CONNECT



USE FIT513 TOOL

Late-model Ford vehicles that utilize a 1/2" quick connect

FIT416

KIT# 16 - GM QUICK CONNECT



90° Fitting

USE FIT514 TOOL

Late GM and 05-08 Chrysler which utilize a 3/8" quick connect

FIT417

KIT# 17 - DODGE CUMMINS



Late-model Dodge trucks equipped with Cummins Diesel Engine

T-TECH CLIPS, TOOLS AND ACCESSORIES

FIT510

3/8" E-CLIP KIT



USE FIT514 TOOL

Late GM and 05-08 Chrysler models

T-TECH CLIPS

E-Clip's are used to join the transmission cooler line to the quick connect radiator fitting

If, for any reason, you are required to remove the E-Clip for maintenance or repair, always replace it with a new E-Clip upon service completion - never reuse the E-Clip

Kits include 20 replacement E-Clips

FIT511

5/8" E-CLIP KIT



Late Allison series 1000 GM trucks

FIT512

3/8" FORD QUICK DISCONNECT TOOL



3 / BOX

FOR FIT414 FITTING

Removes cooler line from radiator fitting on late Ford models

FIT513

1/2" FORD QUICK DISCONNECT TOOL



3 / BOX

FOR FIT415 FITTING

Removes cooler line from radiator fitting on late Ford models

FIT514

3/8" GM QUICK DISCONNECT TOOL



5 / BOX

Removes cooler line from radiator fitting w/o removing E-clip

FIT515

1/2" GM QUICK DISCONNECT TOOL



5 / BOX

Removes cooler line from radiator fitting w/o removing E-clip

FIT516 (FORD TRANSMISSION ADAPTER KIT)



INCLUDES 3 PLUGS

* With this kit, an oil suction gun and a few basic tools, check ATF levels on late model Ford vehicles with no dipstick and determine if the proper fluid level exists

FIT517



10 / BAG

Replacement plugs for FIT516

FIT518 (GM PLUG KIT)



5 / BOX

For GM FWD vehicles with no ATF dipstick

T-TECH

T-TECH CLIPS, TOOLS AND ACCESSORIES

FIT580

RUBBER HOSE SERVICE KIT



Replacement hose ends
Eight (8) pcs per kit

PU100A - PICK UP TUBE ASSEMBLY



* Convenient adapter enables any model T-TECH machine, except TT100, to be connected to a 55 gallon drum of ATF for re-filling purposes

* Connects to pick-up hose on back of T-TECH unit

SRV100

SERVICE HOSE ADAPTER



Clear, braided hose connects T-TECH hose to vehicle (w/coupler)

COU110

FEMALE QUICK CONNECT COUPLER



Leak-free, dry break for service hoses

COU120

MALE QUICK CONNECT COUPLER



Leak-free, dry break for service hoses

COU125

O-RING FOR COU120



O-Ring for COU120

10 PER BAG

TTLABEL

T-TECH SERVICE LABELS



100 PER ROLL

T-TECH® ATF EXCHANGER SYSTEMS



- * ATF Exchangers provide virtually 100% transmission fluid exchange
- * All models feature auto-alignment for easy hook-up and auto-bypass at the end of the service for worry-free, unattended operation
- * Utilize the vehicle's transmission to regulate the exchange process guaranteeing that proper pressure/fill is maintained
- * 18 quart capacity, leak-free dry break quick connect couplers, and clear fluid cylinders that allow customers to watch old fluid be exchanged for new, clean fluid, driving home the benefits of ATF Exchange

TT100 FEATURES: 23 STANDARD FITTINGS, BULK FILL METHOD, NO PAN DRAIN

TT400 FEATURES: 23 STANDARD FITTINGS, 12V ON-BOARD PUMP (SPEEDS PROCESS OF CYLINDER FILLING), SIDE POCKET FOR STORAGE, PAN DRAIN

TT500 FEATURES: 35 FITTINGS (23 STANDARD, 12 SPECIAL), 110V ON-BOARD PUMP (SPEEDS PROCESS OF CYLINDER FILLING), BACKLIT FLUID CYLINDER, POINT OF PURCHASE KIT, SIDE POCKET FOR STORAGE, PAN DRAIN

CALL 1-800-872-2333 FOR AVAILABLE ACCESSORIES



IFA PART#	DESCRIPTION
TT100	EXPRESS - DESIGNED FOR QUICK LUBE OPERATIONS
TT400	STANDARD ATF EXCHANGE SYSTEM
TT500	PRO INDUSTRIAL ATF EXCHANGE SYSTEM

UVIEW

MIST™ IN-CAR AIR QUALITY MACHINE AND ACCESSORIES



Have you ever thought about the air you're breathing?

ACCESSORIES AND SALES MATERIALS

FEATURES:

- * Ultrasonic technology
- * Unattended operation and auto shut-off upon completion
- * Connects to vehicle's 12V
- * Fast 15 minute service time
- * Works on all vehicles

MORE @ UVIEW.COM



BATTCORD



CARD



HANGER



POSTER



AIRCLIP

The MiST™ In-Car Air Quality™ service treats the problem of mold, mildew and bacteria in a vehicle's ventilation system to restore interior air quality. MiST™ uses a stand alone portable 12V ultrasonic unit that atomizes a specially formulated solution into nano-droplets.

IFA PART#	DESCRIPTION	IFA PART#	DESCRIPTION
MIST	MACHINE UNIT WITH STARTER SALES KIT	CARD	CONSUMER CARD (HEALTH EFFECTS)
MISTCLN	CLEANING SOLUTION (ONE / VEHICLE - 3.4OZ)	EASEL	POINT OF SALE EASEL FOR CONSUMER CARDS
590235	VENT CLIP FRESHENER (PK 12) - SUMMER BRZ	POSTER	18 X 24 WAITING ROOM PRICING POSTER
590236	VENT CLIP FRESHENER (PK 12) - SPICY APPLE	AIRCLIP	PART NUMBERS 590235 TO 590239 (SEE LEFT COLUMN)
590237	VENT CLIP FRESHENER (PK 12) - CITRUS	HANGER	SERVICE MIRROR HANGER (THANK YOU)
590238	VENT CLIP FRESHENER (PK 12) - VANILLA	BATTCORD	12FT CORD FOR BATTERY USE (LIGHTER OUT)
590239	VENT CLIP FRESHENER (PK 12) - CLEAN CAR		

VACUFILL™ COOLANT EXCHANGER



- * The most economical coolant exchanger on the market, connects easily to all engine cooling systems
- * Tests for leaks while under vacuum
- * Refills the entire system in seconds while eliminating airlocks
- * Large 3 gallon (11 Litre) new-coolant fill tank
Large 12 gallon (45 Litre) waste-coolant reservoir



IFA PART#
570000

DEVON LUBE CENTER EQUIPMENT

UPPER LEVEL EQUIPMENT

POINT OF SALE CABINETS AND WORK STATIONS



- * Compact design conserves floor space permitting use at each service bay
- * Flat screen monitor shelf is adjustable up and down for optimum viewing
- * Wide keyboard platform at the correct height for comfortable data entry
- * Lower shelves provide storage area for computer components & supplies
- * Cabinet top adds protection & doubles as a handy writing / work surface
- * Durable 14ga welded steel construction will stand up to heavy use
- * All powder coat finish is chemical resistant and resists scratches
- * Standard features include two storage shelves, adjustable feet
- * Optional Swivel Casters (LSC04), Fender Cover Bar (E104F) available
- * Overall Dimensions: 23"W x 28"D x 48"H

RED

BLACK

POS Computer Workstation

IFA PART#
C5700



- * Heavy duty steel construction
- * Upper monitor storage cabinet swivels 360 degrees for easy viewing
- * Swivel top allows user to adjust monitor to minimize overhead glare
- * Open top permits use of any size video monitor
- * Handy storage compartment below monitor shelf for supplies & storage
- * Three large shelves in lower cabinet provide additional storage space
- * Swivel Casters (LSC04) & Sliding Keyboard Shelf (SKT23) are optional
- * Overall Dimensions: 23"W x 28"D x 61"H

RED

BLACK

Swivel Top Computer Station

IFA PART#
C6124-SM



- * Tough 14ga welded steel construction
- * Video monitor sits eye-level & slides into a security slot for safe viewing
- * Four paper slots across the top keep papers, forms & receipts organized
- * Wide 36" body easily carries two (2) printers and credit card terminal
- * Sliding back door (not shown) allows easy access to interior components
- * Two (2) open front shelves provide space for cash drawer and supplies
- * Double front doors conceal interior storage area with adjustable shelf
- * Optional casters (LSC04), fender cover bar (E104F) are available
- * Overall Dimensions: 36"W x 30-3/4"D x 53"H

RED

BLACK

Cashier Computer Station w/Doors

IFA PART#
C6036-DX



- * Heavy duty welded steel construction for years of trouble free service
- * Powder coat finish resists chemical spills and daily abuse
- * Top module protects video monitor & places screen for eye-level viewing
- * Keyboard platform is set at proper height for comfortable use
- * Lower shelves provide storage area for computer components & supplies
- * Sliding back door allows easy access to components for hook-up
- * Perfect for when check-out takes place within the service bay area
- * Swivel Casters (LSC04), Fender Cover Bar (E104F) also available
- * Overall Dimensions: C6000-CD - 23"W x 30"D x 66"H
- * Overall Dimensions: C6036-CD - 36"W x 30"D x 66"H

RED

BLACK

POS Cashier / Computer Station

IFA PART#	SIZE
C6000-CD	23" WIDE
C6036-CD	36" WIDE



NOTE: Most Devon Lube Equipment is shipped factory direct from Oklahoma - contact your customer service representative at 1-800-872-2333 for details

DEVON LUBE CENTER EQUIPMENT

UPPER LEVEL EQUIPMENT

POINT OF SALE CABINETS AND WORK STATIONS



- * Divided hinged top has slanted writing area and flat work surface
- * Hidden storage beneath hinged top for window stickers, tools & essentials
- * Three (3) large storage shelves below for bottled products and supplies
- * Heavy duty steel construction with powder coat finish
- * Padded adjustable feet provide proper level and off-floor protection
- * Choice of flip-up Stainless Steel Top (E104) or Red or Black Top (E124)
- * Swivel Casters (LSC04) and Fender Cover Bar (E104F) also available
- * Overall Dimensions: 26"W x 24"D x 44"H

FLIP-UP TOP COLOR OPTIONS

STAINLESS

RED

BLACK

CABINET COLOR OPTIONS

RED

BLACK

POS Work Stations

IFA PART#	TOP
E104	STAINLESS
E124	RED OR BLK



- * Fold-down swivel keyboard shelf gives the unit a 7" deep profile for tight drive-by areas - Example: Next to a stair rail or interior wall
- * Monitor arm allows multi-positioning for optimum glare-free viewing
- * Standard storage components include mouse holder & thin-client CPU shelf
- * Wire access through bolt-down base and 4" diameter steel post
- * Durable all steel construction with tough, powder coat finish
- * Computer components shown (keyboard, monitor) not included
- * Overall Dimensions: 30"W x 20"D x 57"H (7" Deep when folded)

BLACK

Space Saver Post Podium

IFA PART#
FP-13



- * Space saving pedestal requires less than three square feet of floor space
- * Monitor bracket (included) swivels and tilts for best glare-free viewing
- * Sliding keyboard tray retracts into main cabinet when not in use
- * Open shelf in front provides storage for miscellaneous components
- * Wire access gained through bolt-down 4" diameter base post
- * All steel construction with powder coat finish
- * Swivel monitor post works with flat screen monitors up to 18"
- * Overall Dimensions: 23-1/2"W x 16-1/2"D x 50"H (w/o screen attached)

BLACK

Pedestal Post Podium

IFA PART#
CP-09

POINT OF SALE CABINETS AND WORK STATIONS - ACCESSORIES



Sliding Keyboard Tray

- * Steel Tray & Glides
- * Screw-On Installation
- * Standard keyboard width

IFA PART#
SKT23



Fender Cover Bar

- * Bright Chrome Finish
- * Bolt-On Installation
- * Carry One Standard Cover

IFA PART#
E104F



Lrg Swivel Casters - 4pc

- * Large 4" Diameter Wheels
- * Two (2) Wheels w/Locking Brake
- * Screw-On Installation

IFA PART#
LSC04

DEVON LUBE CENTER EQUIPMENT

UPPER LEVEL EQUIPMENT

LUBE DISPENSERS



- * Tough welded steel construction with high density polymer components
- * Two-tier design increases capacity while conserving valuable floor space
- * Unique cradle design works with all dispensing head brands
- * Composite hose guides have no moving parts to wear out and break down
- * Each delivers product to two (2) service bays from a single location
- * Hoses gravity feed through floor to eliminate slippery overhead drips
- * Less than half the cost of conventional overhead reel systems



- * Available in four (4) different outlet models
- * Dimensions: 7-outlet units: 24"W x 14"D x 41"H
Thru-Floor Opening: 21"W x 11"D
- * Dimensions: 9 & 11 outlets: 30"W x 14"D x 41"H
Thru-Floor Opening: 27"W x 11"D
- * Dimensions: 13-outlet units: 36"W x 14"D x 41"H
Thru-Floor Opening: 33"W x 11"D

STAINLESS

RED

BLACK

Lube Dispensing
Consoles

IFA PART#	SIZE
E101-7	7 UNITS
E101-9	9 UNITS
E101-11	11 UNITS
E101-13	13 UNITS



- * Molded universal control valve saddle works with all dispenser brands
- * Parallel-to-bay design allows service of two (2) vehicles from one area
- * Hoses gravity feed through floor to eliminate slippery overhead drips.
- * Composite hose guides have no moving parts to wear out and break down
- * Less than half the cost of conventional overhead reel systems

- * Available in three (3) different outlet models
- * Dimensions: 4-outlet units: 10-1/4"W x 28"L x 36"H
Thru-Floor Opening: 5"W x 26"L
- * Dimensions: 6-outlet units: 10-1/4"W x 42"L x 36"H
Thru-Floor Opening: 5"W x 40"L
- * Dimensions: 8-outlet units: 10-1/4"W x 56"L x 36"H
Thru-Floor Opening: 5"W x 54"L

* All models have a black plastic top

STAINLESS

RED

BLACK

Lube Dispensing
Bars

IFA PART#	SIZE
E42-4	4 UNITS
E42-6	6 UNITS
E42-8	8 UNITS

TECHNICIAN STEP STOOL



- * Lightweight all aluminum construction for ease of movement
- * Stable, wide angle base will not tip over during use
- * Slip resistant safety tread top provides a safe platform



- * Easy screw-on, skid-free, oil resistant, wide replaceable foot pads prevent sudden movement (replacements sold each)

- * Dimensions: 20"Wx20"Dx11"H



IFA PART#	SIZE
E110S	STOOL
E110SP	FOOT PAD (SOLD EA)

INDUSTRY STANDARD
11" OF ADDITIONAL REACH

AIR FILTER DISPLAY RACKS



STAINLESS

RED

BLACK

IFA PART#	TOP
E102	STAINLESS
E122	RED OR BLK

- * Free-standing unit allows access to filters from either side
- * Slanted shelf design provides windproof filter storage
- * Padded corner glides prevent floor scratches
- * Four (4) steel shelves store & display up to 150 filters
- * Dimensions: 96"L x 16"W x 60"H

DEVON LUBE CENTER EQUIPMENT

LOWER LEVEL EQUIPMENT

ROLLING WASTE OIL DRAIN PAN



- * Long lasting 14ga welded steel construction w/safety red finish
- * Low-noise rollers have ball bearing action for smooth, effortless movement
- * Roller wheels adjust from 30 to 58 inches to fit most pit opening dimensions
- * Five (5) adjustable height settings provide best position for oil draining
- * Interior baffle reduces wave action & provides stability while moving
- * Removable anti-splash grill & side drip guards help reduce spills
- * Built-in utility shelf provides handy storage area for filter wrenches & tools
- * Tapered-to-bottom design for faster draining & extra head room below
- * Front and rear 1-1/2" NPT drain outlets allow single or tandem connection
- * Dimensions: E203-30 @ 30"W x 24"D x 16"H (wheels extend to 50")
- * Dimensions: E203-32 @ 32"W x 24"D x 16"H (wheels extend to 54")
- * Dimensions: E203-35 @ 35"W x 24"D x 16"H (wheels extend to 58")

IFA PART#
E203

ROLLING WASTE OIL DRAIN PAN - ACCESSORIES



Drain Pan Wheel

- * Ball-bearing roller
- * 3" diameter
- * 3/8" center bore
- * 1.25 width

IFA PART#
WH01



Drain Valve Kit

- * Provides Drain Connection From Pan
- * Brass Shut-Off Valve 1.50 NPT
- * Aluminum Male Coupler 1.50 NPT
- * Drain Hose & Fittings not included

IFA PART#
DK04



Replacement Metal Screen

- * All steel screen w/black enamel finish
- * Custom built to size (dimensions required)

IFA PART#
DS15

OIL FILTER DISPENSING RACKS



- * Maintenance free molded plastic dispensing trays accommodate all filter sizes
- * Adjustable galvanized steel support frame will not rust & never needs painting
- * Bolts to catwalk handrails or ceiling without any legs to clutter the floor
- * Each unit may be easily stocked from front or rear with ample labeling area
- * Additional trays may be added as needed to increase capacity
- * Overall Dimensions: 42"W x 24"D x 36"H (adjustable)

IFA PART#	SIZE	CAPACITY
E302	3 TRAYS	130 FILTERS
E304	4 TRAYS	180 FILTERS



NOTE: Most Devon Lube Equipment is shipped factory direct from Oklahoma - contact your customer service representative at 1-800-872-2333 for details

DEVON LUBE CENTER EQUIPMENT

PIT SAFETY COVERS

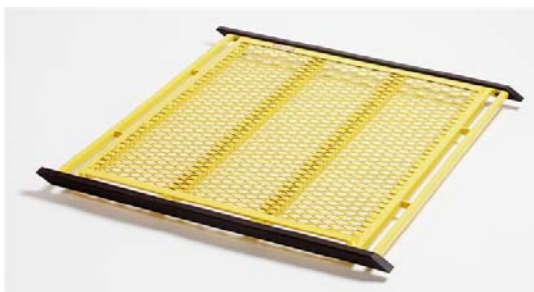
EZ-GLIDE PIT SAFETY COVER



IFA PART#
EG38

* Optional pit tracking & tire guide leaders are also available

call 1-800-872-2333
for details



Avoid dangerous pitfalls and protect your employees and customers from serious injury with EZ-Glide Pit Safety Covers

Uncovered lube service pits are an accident waiting to happen and may be in violation of OSHA requirements

- * Rigid construction provides the highest level of pit safety protection available
- * User-friendly design allows fast, smooth operation by your lube technician
- * Self-stacking panels provide easy access in any direction desired
- * Open steel mesh panels allow maximum light penetration from above
- * Low-profile design permits stacking within 2-1/2" to 6-1/4" (most applications)
- * Built-in grab handles for safe movement of each panel as needed
- * No dangerous rollers or moving parts to break or wear out
- * Rigid steel panels will not expand or shrink in wet and cold conditions
- * Rugged welded steel frame with tough nylon glides will support up to 2500 lbs
- * Safety yellow powder-coat finish provides high visibility and corrosion protection
- * Custom manufactured for each pit opening insures proper fit (dimensions required)
- * Meets OSHA recommendations for floor opening protection
- * Designed and manufactured in the USA (patent #6088963)
- * Dimensions: Custom Built to Your Pit Size

PIT NET SAFETY COVER

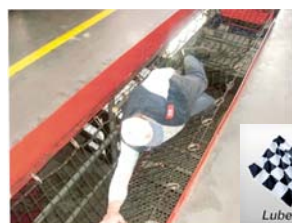


An alternative to rigid steel cover systems, Pit Net Safety Covers meet OSHA recommendations and will put your business in compliance

Easy to operate by your lube tech as each pit net opens by sliding the net on a galvanized steel cable installed along the open pit sidewalls

A typical pit safety net takes only minutes to open end-to-end (Includes all hardware needed for operation - Welding of steel hardware at the open pit corners is normally required - Once installed each safety cover system will typically support up to 6000 lbs)

- * High tensile strength netting prevents injury to customers & employees
- * Sliding design allows smooth movement of netting for vehicle access above
- * Will not restrict light penetration to lube tech work area below
- * Easy to install without modification of existing pit opening (most cases)
- * Custom fabricated to your specific open pit dimensions to insure proper fit
- * Dimensions: Custom Fabricated to Your Pit Size

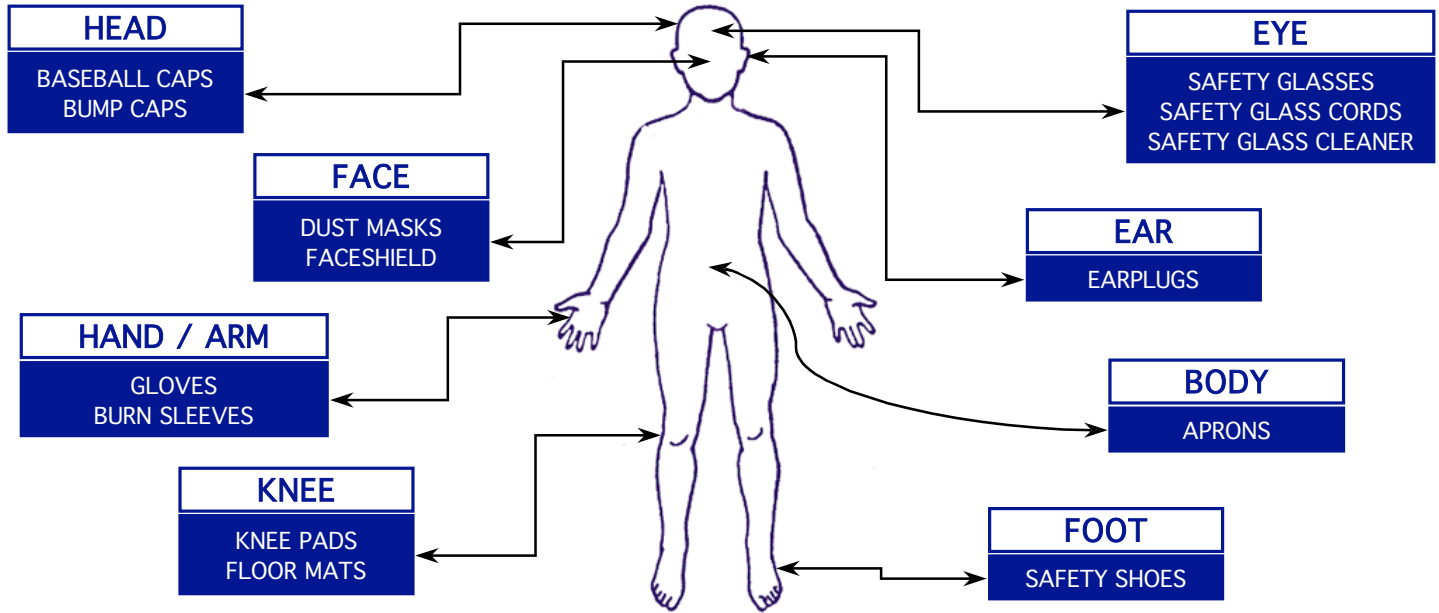


NOTE: Most Devon Lube Equipment is shipped factory direct from Oklahoma - contact your customer service representative at 1-800-872-2333 for details

IFA PART#
E818

PERSONAL SAFETY

FROM HEAD TO TOE



HEAD SAFETY

BASEBALL HAT BUMP CAPS



- * Offers a sporty look, while giving excellent protection from a bump or scrape
- * Features a fabric covered, tough polyethylene shell with soft, comfortable inner foam cushion

IFA PART#	COLOR
BBCAP-BL	BLUE
BBCAP-BLK	BLACK

- * Ideal when full hard hat protection is not required

BASEBALL HAT BUMP CAP INSERT



- * Replacement insert ONLY for baseball style bump caps
- * Insert easily fits in high profile caps to turn your favorite baseball style cap into a bump cap
- * Comfortable inner foam padding and preformed holes for ventilation

IFA PART#
BBINSERT

STANDARD BUMP CAPS



- * Perfect protection for areas with low overhead pipes, beams, and any fixed hazard that can cause injury through accidental bumps
- * Lightweight, comfortable cap with a 4-point adjustable suspension and cushioned brow pad for all-day wear, ensuring a custom fit



IFA PART#	COLOR
BUMP-BL	BLUE
BUMP-W	WHITE
BUMP-Y	YELLOW

Fits head sizes from 6 1/2" to 7 3/4"

PERSONAL SAFETY

EYE SAFETY

SAFETY GLASSES - RIPTIDE



- * Wrap around eye protection, that lets workers look sporty on the job, eliminates slipping and maximizes comfort
- * Built-in brow guard, lightweight adjustable nylon temples and an impact resistant polycarbonate lens that blocks UV rays
- * Meets the requirements of ANSI to protect eyes



IFA PART#	STYLE	BEST USE
RIPTIDE-C	CLEAR	NORMAL INDOOR LIGHTING CONDITIONS
RIPTIDE-A	AMBER	LOW LIGHT CONDITIONS - PROVIDES ENHANCED CONTRAST

SAFETY GLASSES - FOR EYEGLASSES



- * Clear, high impact quality lens
- * Fits over regular eyeglasses

IFA PART#
SGLASS

SAFETY GLASS LENS CLEANING TOWELETTES

- * 5 x 8 anti-fog / anti-static, pre-moistened towelettes
- * 100 towelettes per dispenser box with pull-out bottom



IFA PART#
LCT

SAFETY GLASS RETAINERS



- * Economical retainers help prevent loss or breakage, eliminating lost productivity while looking for missing eyeglasses
- * Comfortable, fully adjustable and accommodate all standard frames

IFA PART#	DESCRIPTION
CORD	100% COTTON CORD
THINCORD	THIN ECONOMICAL NYLON CORD

EAR SAFETY

EAR PLUGS - BULK

- * Unique, nonirritating PVC foam gradually expands and conforms to any ear canal
- * Washable, 100% recyclable



IFA PART#
EARPLUG



200 pairs per box

SONIC DEFENDERS® EAR PLUGS



16db NOISE REDUCTION RATING

- * Lowers potentially dangerous noise levels above 85db
- * Low profile ergonomic design with adjustable stem, hypoallergenic and color-coded

IFA PART#
SONICEP3

PERSONAL SAFETY

FACE / BODY SAFETY

FACESHIELD VISOR AND HEADGEAR



- * Visor is a tough 0.060 clear polycarbonate, 8" X 15.5", that ensures added impact and heat resistance
- * Quickly and easily attaches to headgear with 5 system hole punches
- * Headgear features a ratchet suspension system that adjusts size with ease, a locking-arm cam system which holds the faceshield securely in place, and friction knobs that allow the visor to be easily raised
- * Faceshield and headgear are sold separately

IFA PART#	DESCRIPTION
FSHIELD	FACESHIELD VISOR
HEADGEAR	RATCHET HEADGEAR

Please Note: Visors must be worn with headgear and ANSI approved eyewear (see page 251) for OSHA compliance

DUST MASK



N95 Particulate Respirator = at least 95% filtration efficiency against solid and liquid aerosols that do not contain oil

IFA PART#
FM20C

- * Protects from dust, pollen and other environmental nuisances
- * Exhalation valve for extra comfort, inner foam provides custom seal, dual head strap for optimum fit and adjustable noseclip
- * 20 masks per box

APRON



IFA PART#
APRON

- * Polyethylene coated Tyvek® provides double splash protection against a wide range of chemicals and particulates
- * Ideal for radiator work and oil handling
- * Features serged seams and convenient string tie

CUSTOMER CARE SECTION - SEE PAGES 284-287

NEW PRODUCT SECTION - SEE PAGES 288-293

NEW ITEMS ARE ADDED TO OUR INVENTORY WEEKLY!

We appreciate your feedback, comments and suggestions: email – INFO@INTERNATIONALFILTERS.COM

"BECAUSE YOUR OPINION DOES COUNT"

PERSONAL SAFETY

HAND / ARM SAFETY

GLOVES - BLACK NITRILE



- * Powder free and latex free
- * Textured for enhanced dexterity
- * 3X the puncture resistance of latex or vinyl
- * 3 sizes, M L XL : 100 PER BOX
- * 5 mil palm, 6 mil fingertip

IFA PART#	SIZE
BLKGL-M	MEDIUM
BLKGL-L	LARGE
BLKGL-XL	EXTRA LARGE

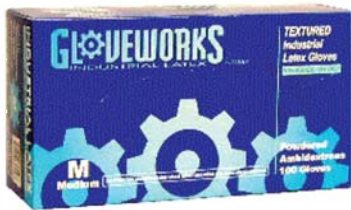
GLOVES - BLUE NANOTHENE™



- * Powder free and latex free
- * Textured for enhanced dexterity
- * Contains thermoplastic polyurethane blend, superior to nitrile
- * 3 sizes, M L XL : 100 PER BOX

IFA PART#	SIZE
NANOGL-M	MEDIUM
NANOGL-L	LARGE
NANOGL-XL	EXTRA LARGE

GLOVES - WHITE LATEX



- * Powdered for easier donning
- * Textured for enhanced dexterity
- * 3 sizes, M L XL : 100 PER BOX
- * 4 mil thickness

Note: This product contains natural rubber latex which may cause allergic reactions

IFA PART#	SIZE
LTXGL-M	MEDIUM
LTXGL-L	LARGE
LTXGL-XL	EXTRA LARGE

GLOVES - HEAVY DUTY BLUE LATEX (SAFEGRIP®)



- * Powder free with extended cuff
- * Textured for enhanced dexterity
- * 4X thicker than standard latex
- * Large : 50 PER BOX
- * 11 mil palm, 16 mil fingertip

Note: This product contains natural rubber latex which may cause allergic reactions

IFA PART#	SIZE
SAFEG-L	LARGE

GLOVES - VINYL TUFFLENE™



- * Powder free and latex free
- * Product is a synthetic polymer, superior to nitrile
- * 3 sizes, M L XL : 100 PER BOX

IFA PART#	SIZE
TUFFGL-M	MEDIUM
TUFFGL-L	LARGE
TUFFGL-XL	EXTRA LARGE

PERSONAL SAFETY

HAND / ARM SAFETY

GLOVES - MAGNETIC GLOVE DISPENSER



- * Conveniently attaches to your toolbox or any ferrous metal surface with two large magnets that hold the dispenser in place or mounts on a wall using the screw slots provided
- * Fits all common sizes of disposable rubber glove boxes, both 50 and 100 packs, and has 3 adjusting springs which can be adjusted as necessary to hold the various box sizes
- * Made of powder coated steel

IFA PART#
20130

GLOVES - FOAMFLEX®



- * Nitrile coated nylon gloves are string knit for comfort and safety
- * Superior grip is excellent for general automotive assembly or handling oily parts
- * Foam nitrile coated to resist snags/abrasion

IFA PART#
FOAMFLEX

GLOVES - RUF-FLEX®



- * Rubber palm together with cotton knit glove backing for all day comfort and safety
- * Textured rubber coating provides an excellent grip
- * Stretch fabric ensures dexterity and a more comfortable, snug fit

IFA PART#
RUFFLEX

GLOVES - ORIGINAL MECHANIX WEAR



- * The number one choice of gloves used by many professional mechanics
- * Superior fit with a breathable palm that provides a firm grip
- * Specially designed fingertip pattern enhances sensitivity for better grip control at the point of contact
- * Machine washable

The Tool That Fits Like A Glove®



IFA PART#
MG-05-010 SIZE
LARGE

GLOVES - MECHANICS



- * Safeguard hands from harsh environments where superior hand protection is required
- * Durable, comfortable protection, triple layer fabric that prevents against nicks, cuts and abrasions
- * Tough, lightweight, featuring an elastic cuff with an adjustable hook and loop closure to ensure a secure fit



MACHINE
WASHABLE

IFA PART#	SIZE
85305	MEDIUM
85310	LARGE
85315	X-LARGE

PERSONAL SAFETY

HAND / ARM SAFETY

GLOVES - HEAVY DUTY CHEMICAL RESISTANT



IFA PART#
RUBGL-L

- * 100% nitrile gloves, silicone and latex free
- * 15 mil Gloves, chemical resistant, and flock lined for comfort & flexibility
- * Textured for a sure wet or dry grip and is cut, snag, and puncture resistant

GLOVES - KEVLAR® CUT RESISTANT



IFA PART#
KEVGL-L

- * Excellent protection against cuts, burns, and abrasion
- * Comfortable knitted fabric is launderable to extend glove life
- * Black Kevlar® also hides dirt for longer wear

BURN SLEEVES - YELLOW FOREARM SLEEVE



- * Protects forearm and hand against burns and scrapes
- * Made of durable, heat resistant Kevlar®, a trademark of DuPont
- * Works for either left or right arm
- * Machine washable

IFA PART#
KS18700

#1
BEST SELLER



BURN SLEEVES - BLACK FOREARM SLEEVE



IFA PART#
31871

- * Provides maximum protection from knuckles to biceps
- * Made from 100% Kevlar® and a unique Fibreshield treatment
- * Specifically designed to repel oil, fuels and other liquids, supplying a protective barrier for optimum safety
- * Thumb holes prevent the sleeves from riding up

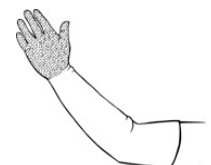
* One size fits all
(Sold in pairs)

BURN SLEEVES - BLACK TOTAL ARM SLEEVE



- * Complete hand and arm protection with the same properties as KS18700 listed above
- * Glove portion is coated with a vinyl tread for greater gripping power
- * Black sleeve helps hide oil/grease
- * Extends to 24 inches

IFA PART#
21260



PERSONAL SAFETY

KNEE / FOOT SAFETY

KNEE PADS



IFA PART#
KNEEPAD

- * Two-stage heavy duty foam pad for impact reduction
- * Lower thigh protection panel with wide-band elastic hook and loop closure
- * Abrasion resistant Kevlar® front panel makes sure that they are as durable as they are comfortable

KNEE MAT



mityvac®

12" X 20" X 1"

- * Large cushioned kneeling pad is super comfortable and is ideal for any time you kneel at work or around the shop
- * Flame retardant and non-absorbent

IFA PART#
KNEEMAT

WORK BOOT - STEEL TOE



IFA PART#
WORKBOOT

- * High quality leather uppers, combined with a chemical-resistant sole, wrap your feet in comfort and protection
- * Air cushion "bouncing" inner sole provides comfort for all-day wear
- * Slip-resistant soles ensure safe footing and durable Goodyear® welt stitching stands up to long work days
- * Steel toe, featuring 8-eye, lace-to-toe lacing for a secure fit
- * Medium width boot, black or brown color, men's sizes 7 through 13 (no 1/2 sizes)

CONTACT CUSTOMER SERVICE @ **1-800-872-2333** FOR THE LATEST INFORMATION
ON ALL PRODUCTS IN STOCK INCLUDING:

NEW PRODUCTS — LATE-MODEL ADDITIONS — PROMOTIONAL ITEMS
PRODUCT UPDATES — SPECIAL ORDERS — HARD TO FIND ITEMS
AND MUCH, MUCH MORE



FLOOR SAFETY

TECHNICIAN STEP STOOL



- * Lightweight all aluminum construction for ease of movement
- * Stable, wide angle base will not tip over during use
- * Slip resistant safety tread top provides a safe platform
- * Easy screw-on, skid-free, oil resistant, wide replaceable foot pads prevent sudden movement (replacements sold each)
- * Dimensions: 20"W x 20"D x 11"H



INDUSTRY STANDARD
11" OF ADDITIONAL REACH



IFA PART#	SIZE
E110S	STOOL
E110SP	FOOT PAD (SOLD EA)

HEAVY-DUTY INDUSTRIAL STEPS



- * Super heavy duty step!
- * Step up safely to out-of-reach items and surfaces
- * Constructed of durable black polyethylene
- * Lightweight for easy portability
- * Waterproof and chemical resistant

IFA PART#	DESCRIPTION	DIMENSIONS
912333	SINGLE STEP	19 1/4" D x 15 1/2" W x 12" H
912334	DOUBLE STEP	21 3/4" D x 20 1/4" W x 17 1/4" H

FLOOR CONES / FLOOR TAPE

CAUTION WET FLOOR CONE



- * 4 sided, yellow
- * English/Spanish
- * 25 and 3/4" tall
- * Stackable

IFA PART#
SAFECONC

CAUTION WET FLOOR CONE



- * 4 sided, yellow
- * English ONLY
- * 35" tall
- * Stackable

IFA PART#
WARNCONC

TRAFFIC SAFETY CONE



- * Dayglow bright orange PVC
- * Rugged 11 lbs., all-weather
- * 36" tall

IFA PART#
TRAFFIC

SAFETY WALK TAPE



- * Anti-slip surfacing provides positive grip wherever workers walk, even when wet with oil, grease or water

IFA PART#
SAFETAPE

4 inches X 60 feet

- * Apply to clean surface

VINYL MARKING TAPE



- * Adhesive backed, with warning stripes, sticks to most surfaces and resists oil, dirt, and chemicals

Meets OSHA color requirements

IFA PART#
VINTAPE

2 inches X 18 yards (54 feet)

SPILL CONTROL

EMERGENCY SPILL CONTROL KIT

- * Value that is "just right" for small spills (one kit absorbs up to 5.6 gallons)
- * Highly visible water resistant portable bag: take directly to the spill (color may differ)

Contents:

- (10) 15" x 18" Pads
- (3) Universal Socks
- (1) Pair Nitrile Gloves
- (2) Disposal Bags
- (1) Instruction Sheet
- (1) Quart of Oil Eater



IFA PART#
SKA-PP

HEAVY GREY UNIVERSAL SPILL PADS

- * Low lint universal pads keep floors clean and safe, absorbing oils, coolants, water, solvents and even acid leaks or spills
- * Great for use in oil change pits (case absorbs up to 28 gallons)
- * 100 Pads / Package (15"x18")
- * Perforated middle



IFA PART#
SPPADS

GREY UNIVERSAL ABSORBENT SOCKS



- * Use to isolate small drips or protect drains and floors from runaway spills (absorbs 30 gallons/case)

IFA PART#
SOCK

- * 3" diameter x 4" long
- * Sold each sock



GREY DRUM TOP SPILL PAD

- * Grey, dimpled drum top covers are pre-cut to fit 55 gallon drums with one and two bungholes
- * Keeps drum tops cleaner by absorbing fluids that spill or leak from pumps and dispenser cans (absorbs 7.5 gallons/case)

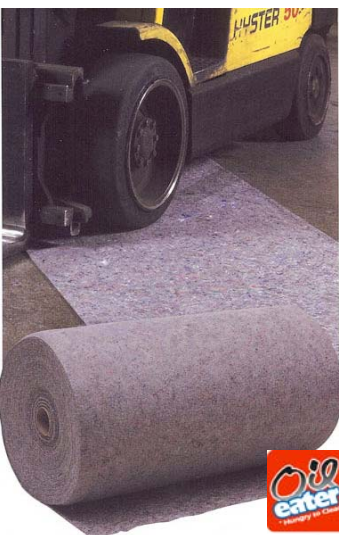


- * Universal grey for use with a variety of fluids

- * 22 inch diameter
- * 25 per box/bag

IFA PART#
DRUMPAD

TUFF RUG



- * Strength and absorbency needed for high-traffic areas
- * Made of 100% recycled materials
- * Fused underside produces a high level of absorbency while also retaining the tear resistance required
- * One rug absorbs up to 50 gallons of fluid

IFA PART#
TUFFRUG

- * 36" x 150' rolls



DRUM BIB



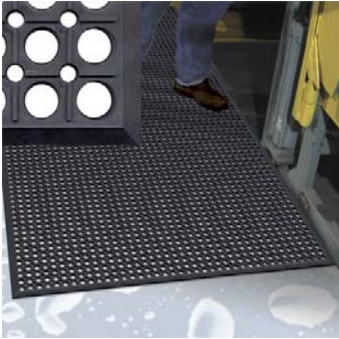
IFA PART#
DRUMBIB

- * Catch spills and drips from pumps
- * Complete with stainless steel brackets that easily attach to drum
- * Excellent alternative or addition to drum top pads - helps reduce waste

- * 9" D x 19" W x 6" H

SPILL CONTROL

WORK STEP™ DRAINAGE MAT



- * Cushions, supports, and provides safety in wet, dry, or greasy areas
- * Drainage holes allow fluids to drain away from work area to help minimize accidents
- * Reduces fatigue for greater worker comfort
- * Beveled edges increase safety & reduce tripping
- * 1/2" tall, 3 feet x 5 feet mat

IFA PART#
WORKMAT

SKILL KING™ ABSORBENT

Spill King™ Absorbent

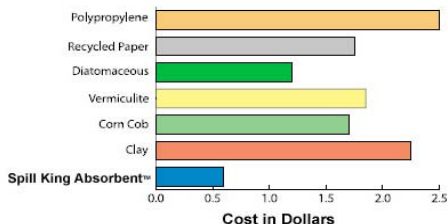
*meets or exceeds
all OSHA and EPA
requirements for
health and safety*



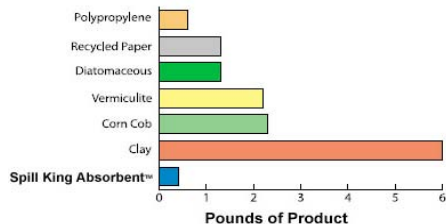
IFA PART#
SKABSORB

- * **Spill King Absorbent™** is a non-toxic, non-flammable, environmentally safe and friendly, lightweight and powerful substance that can absorb and hold all liquids* while leaving little or no residue (* not for use with Hydrofluoric Acid - **DO NOT ATTEMPT TO PICK UP**)
- * **Spill King Absorbent™** requires far less absorbent to capture a spill, resulting in greatly reduced disposal costs (< One pound of **Spill King Absorbent™** can completely absorb one quart of motor oil)
- * **Spill King Absorbent™** is non-injurious to most surfaces including cement, tile and carpet
- * **Spill King Absorbent™** saves money on storing; the light weight and high absorbency makes it easier to handle (less work-comp claims)
- * **Spill King Absorbent™** works 15 to 1 over clay, earth, and sand products (1 spill king bag at 10 pounds = 3 bags of 50 pounds of these other products)

\$ Approximate Cost To Absorb One Quart of Spilled Motor Oil



Amount of Product By Weight Required To Absorb One Quart of 40 Weight Motor Oil



FOR MORE INFORMATION ON
SPILL KING™
GO TO

WWW.SPILLKING.COM

WATCH THE VIDEO
TO SEE **SPILL KING™**
IN ACTION!

GENERAL SAFETY

FIRE EXTINGUISHER



- * Uses dry chemicals (ammonium phosphate) to help put out Class A, B, and C fires
- * Steel cylinder features polyester epoxy finish for durability and forged aluminum valve ensures long service life
- * 10 lb. with Wall Bracket

IFA PART#
EXT10

* REFILLABLE CLASSIFICATION
4A:60B:C

MSDS COMPLIANCE CENTER

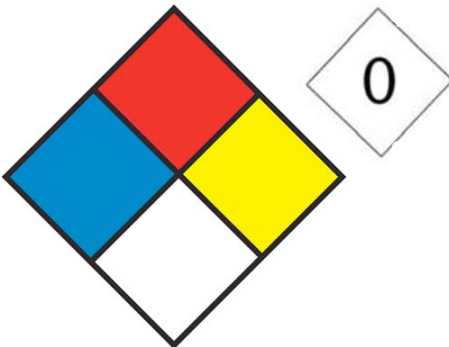


- * Simplifies access to Material Safety Data Sheets
- * Consists of clearly marked compliance board, durable PVC-coated wire binder holder, MSDS binder (1.5"), and chain (36" long)
- * Overall size:
20"H x 14"W x 4 1/2"D

IFA PART#
MSDS

* Highly visible

HAZMAT LABEL BOARD AND HAZMAT NUMBERS



BLUE = HEALTH
RED = FLAMMABILITY
YELLOW = INSTABILITY
WHITE = SPECIFIC

0 = MINIMAL
1 = SLIGHT
2 = MODERATE
3 = SERIOUS
4 = SEVERE

- * For use on storage tanks and other potentially hazardous equipment to clearly identify specific hazards associated with chemicals at the work site
- * Board is 15" x 15", and is available in (2) two styles:
 - 1) 0.004 mil pressure sensitive vinyl sticker
 - 2) 0.030 mil rigid plastic
- * Numbers are 6" pressure sensitive stickers, clear w/black ink
Options are 0, 1, 2, 3 and 4 - based on specifics of chemical

IFA PART#	DESCRIPTION
HAZMAT	BOARD - please specify style 1 or 2
HAZMAT#	6" NUMBER - please specify 0 to 4 and qty

LOCKOUT KIT



IFA PART#
LOCKOUT

- * Economical kit keeps your lockout equipment easy to find and use
- * Durable poly carry case, with gasket, resists moisture and dust
- * Versatile carry handle doubles as a wall mount bracket

CONTENTS:

- (2) Master Lock® padlocks
- (2) nylon hasps
- (2) double pole circuit breaker lockouts
- (2) single pole circuit breaker lockouts
- (5) padlock labels
- (1) 3 1/2" x 5" "Caution Lockout Here" sign
- (5) 3" x 5" "Do Not Operate" tags
- (1) electrical plug lockout
- (1) lockout booklet

SECURE YOUR WORKSITE

this kit can help prevent serious electrical injuries at work sites

GENERAL SAFETY

SIGNAGE



- * Versatile signs make it easier to comply with OSHA requirements
- * Signs are available in 3 materials: self-adhesive vinyl, rigid plastic, or aluminum

SIZES: Self-adhesive vinyl stickers (7" X 10" or 10" X 14"), rigid plastic and aluminum (10" x 14")

SELF-ADHESIVE VINYL STICKERS: 4 mil vinyl is flexible and features square corners and scored backing for fast, easy peel-off. Moisture resistant vinyl with permanent acrylic adhesive strongly adheres to both flat and curved surfaces, including pipes, poles, and secondary containers.

RIGID PLASTIC: 0.055" semi-flexible plastic includes rounded corners and 3/16" mounting holes for easy installation.

ALUMINUM: 0.040" aluminum provides the strength of metal without the rust and includes rounded corners and 3/16" mounting holes for convenient installation. Printed image on aluminum is protected by durable, 2 mil high-gloss UV polyester over-laminate film and withstands splashes and washdowns indoors and outdoors.

DO YOU KNOW YOUR SIGN REQUIREMENTS?

DANGER: Indicates an imminently hazardous situation that will result in death or serious injury if not avoided. Danger signs should be limited to the most extreme situations and should not be used for property damage hazards unless a personal injury risk appropriate to a Danger level also exists.

CAUTION: Indicates a potentially hazardous situation that may result in minor or moderate injury if not avoided. Caution signs may also be used to alert against unsafe practices that may cause property damage. Caution signs should not be used when there is a possibility of death or severe injury.

EMERGENCY: Alerts workers to safety equipment locations.

NOTICE: Indicates a statement of company policy directly or indirectly related to the safety of personnel or protection of property. Notice signs should not be associated directly with a hazard or hazardous situation. Notice signs should not be used when there is a possibility of death or severe injury.

HUNDREDS OF OPTIONS AVAILABLE - CONTACT YOUR CUSTOMER SERVICE REP AT 1-800-872-2333

IFA PART#	DESCRIPTION
SIGN-DNS	DANGER - NO SMOKING
SIGN-CWYS	CAUTION - WATCH YOUR STEP
SIGN-EEW	EMERGENCY - EYE WASH
SIGN-NNF	NOTICE - NO FOOD OR DRINK IN THIS AREA
SIGN-UO	USED OIL
SIGN-SKS	SPILL KIT STATION
SIGN-FA	FIRST AID
SIGN-FE	FIRE EXTINGUISHER
SIGN-CUS	CUSTOM SIGN - YOUR MESSAGE HERE

ARCHITECTURAL SIGN

- * Compatible with any interior decor
- * Rectangular - 3 1/2" x 11"

EMPLOYEES ONLY

IFA PART#
SIGN-EO

YELLOW OIL STICKER

- * Color-coded .004 mil vinyl sticker (1" x 9")

OIL

IFA PART#
STK-OIL

FIRST AID

ADHESIVE BANDAGES

* Flexible adhesive fabric stretches and conforms to body contours for effective and comfortable protection

* 1" X 3", Latex free

* 100 per box



IFA PART#
BAND13

RUBBER ELASTIC BANDAGES

* Knit construction provides consistent stretch

* Individually wrapped with 2 metal clips

* 4.5 yards stretched

* 10 per box

* Sold individually



IFA PART#
ACEBAND

STERILE GAUZE PADS

* Packed in handy dispenser box for easy handling

* Highly absorbent, individually packaged

* 100 per box



IFA PART#	DESCRIPTION
GAUZE22	2" X 2", 12-PLY
GAUZE44	4" X 4", 12-PLY

INSTANT DISPOSABLE COLD PACK



* Single squeeze allows for easy application of pack and offers quick relief to injured area

* Flexible material, 5" X 9"

IFA PART#
COLD

PAPER MEDICAL TAPE

* Provides superior skin adhesion with minimal irritation

* Porous for maximum breathability

* Latex free



IFA PART#
MEDTAPE

EYE WASH / EYE WASH STATION



* Relieves irritation discomfort, burning, stinging or itching by removing loose foreign material quickly and safely

* Sterile saline solution is portable, ready for use and highly superior to tap water

Durable, plastic station complies with ANSI Z358.1-1998 safety standard for personal eyewash stations (11"w x 4"d x 13"h)

IFA PART#	DESCRIPTION
EYEWASH	4 OUNCE BOTTLE
EW16OZ	16 OUNCE BOTTLE (REFILL FOR EYESTAT)
EYESTAT	EYEWASH STATION WITH 2 EW16OZ BOTTLES

FIRST AID

BURN SPRAY



* Immediately relieves pain caused by minor burns, abrasions or scalds, while also disinfecting the area treated

* 3 oz aerosol can

IFA PART#
BURN

BACITRACIN ZINC OINTMENT



* Antibiotic used to help prevent infection in minor cuts, scrapes or burns

* 1/32 oz packets

* 25 packets per box

IFA PART#
BACOINT

HYDROGEN PEROXIDE



* For cleansing of minor cuts and abrasions of the skin

* 16 ounce bottle

* 3% solution

IFA PART#
PEROX

FIRST AID KIT - 197 PC - 50 PERSON KIT



IFA PART#
MED50



* Make it easy to access emergency first aid supplies when needed from this handy, **OSHA APPROVED**, portable kit

* Bright, clearly marked packaging and easy pull-to-open strips provide quick access to first aid supplies

* Wall mountable case (measures 10 3/4"W x 11 1/4"H x 3"D)

CONTENTS:

- | | | |
|-----------------------------------|--------------------------------------|--|
| * 100 plastic bandages, 3/4" x 3" | * 8 Additional antiseptic wipes | * 6 triple antibiotic ointment, .9 gm. ea. |
| * 1 3" x 4 1/2" yard gauze roll | * 1 triangular bandage | * 20 aspirin tablets, 2/pkg. |
| * 12 2" x 2" gauze pads | * 1 wound pad, 5" x 9" | * 2 pairs latex gloves |
| * 1 CPR shield | * 6 gauze pads, 3" x 3" | * 1 eye wash, 4 oz. |
| * 2 roll gauze, 2" x 4 1/2 yd. | * 2 sterile eye pads | * 6 insect sting wipes |
| * 1 elastic bandage | * 1 roll adhesive tape, 1/2" x 5 yd. | * 1 scissors |
| * 1 pair latex gloves | * 1 cold pack | * 1 tweezers |
| * 1 Antimicrobial wipe | * 20 antiseptic wipes | * 1 First Aid Guide |

FIRST AID KIT - 118 PC - SOFT PACK



IFA PART#
MEDKIT

* All-purpose kit includes all the items needed to treat the most common workplace injuries

* Durable, nylon softpack with clear pocket pages allows quick access and better organization (measures 8 1/2"W x 8 1/2"H x 3"D)

- | | |
|---------------------------------------|--|
| * 1 bandage pocket kit | * 6 antiseptic cleansing wipes |
| * 26 plastic bandages, 3/4" x 3" | * 3 antibiotic packs, 0.9 gm ea. |
| * 10 plastic bandages, 3/8" x 1 1/2" | * 4 Ibuprofen tablets |
| * 2 fabric fingertip bandages | * 4 extra-strength non-aspirin tablets |
| * 2 fabric knuckle bandages | * 4 aspirin tablets |
| * 2 elbow/knee bandages, 2" x 4" | * 1 finger splint, 6" x 3/4" |
| * 2 Moleskin for blisters, 2" x 2" | * 3 castile soap towelettes |
| * 3 butterfly wound closures | * 10 cotton tipped applicators |
| * 1 roll self-cling gauze bandage, 2" | * 2 medium safety pins |
| * 1 trauma pad, 5" x 9" | * 1 burn relief pack |
| * 4 gauze dressing pads, 2" x 2" | * 3 insect sting wipes |
| * 2 gauze dressing pads, 4" x 4" | * 2 pair latex-free exam gloves |
| * 1 sterile eye pad | * 1 scissors |
| * 1 roll first aid tape, 1/2" x 5 yd. | * 1 tweezers |
| * 1 instant cold compress | * 1 thermometer, one-time use |
| * 12 alcohol cleansing pads | * 1 First Aid Guide |

JANITORIAL

INDUSTRIAL SHOP CLEANERS / DEGREASERS

OIL EATER



- * Ultra concentrated, water based, **biodegradable** formula removes greasy dirt and stains
- * Non-flammable and contains no acids, abrasives, or petroleum solvents
- * Follow the easy to understand dilution chart located on the rear of each product to achieve the best results



Your Best Alternative to Dangerous Combustible Solvent Cleaners!

(USDA Approved for non-food areas)



IFA PART#	DESCRIPTION
OE1G	1 GALLON BOTTLE
OE5G	5 GALLON PAIL
OE30G	30 GALLON DRUM
OE55G	55 GALLON DRUM
OE32OZ	32 OUNCE SPRAY BOTTLE
OE32OZ-O	32 OUNCE SPRAY BOTTLE - ORANGE FORMULA

Use on asphalt, concrete, engines, tools, clothes, carpets, upholstery, floor mats, and so much more!

OIL EATER ACCESSORIES



- * 5 Gallon pail pump for Oil Eater pails
- * Dispenses (1) one ounce per stroke
- * Avoids spilling and mis-measuring

IFA PART#
PAILPUMP



- * Fits 30 and 55 Gallon drums
- * Dispenses (8) eight ounces per stroke
- * Avoids spilling and mis-measuring

IFA PART#
DRUMPUMP

For additional Oil Eater accessories:

DILUTION CONTROL SYSTEMS
PARTS WASHERS
FOAM GUNS
ETC...

CALL IFA CUSTOMER SERVICE
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JANITORIAL

INDUSTRIAL SHOP CLEANERS / DEGREASERS

BIODEGRADABLE POWDER CONCRETE CLEANER



- * Orange powder based multi purpose alkaline cleaner which turns to green liquid when water is added
- * Concentrated formula removes grease oil from garage floors and restores concrete to look like new



FOLLOW DIRECTIONS ON PAIL FOR PROPER USE

IFA PART#	DESCRIPTION
FS30	35 LB PAIL

SIMPLE GREEN



- * All Purpose Cleaner/Degreaser
- * Removes oil and grease from washable surfaces
- * Biodegradable, nontoxic, nonabrasive, nonionic and nonflammable
- * Sold each (6 per case)

IFA PART#	SIZE
SG13005	GALLON

TIDE



- * Heavy-duty floor and all-purpose cleaner is a versatile powdered cleaner that cuts through grease and attacks tracked in dirt
- * Contains no phosphates

* Sold per case (100 packets per case)

IFA PART#	SIZE
TIDE	1.5 OZ EACH PACKET

PINE-SOL

- * Cleans, deodorizes and shines hard, nonporous surfaces
- * Powerful concentrated formula makes up to 72 gallons per bottle



IFA PART#	DESCRIPTION
PSOL-L	144 OZ - LEMON SCENT
PSOL-O	144 OZ - ORANGE SCENT

SPRAY NINE® / EARTH SOAP®



- * Spray Nine multi-purpose cleaner AND disinfectant effectively cleans, degreases, disinfects, removes stains & controls mold and mildew
- * Kills bacteria and viruses in just 45 seconds

* Earth Soap is an environmentally friendly, industrial strength cleaner/degreaser, that is a safe alternative to solvent and caustic cleaning products



IFA PART#	DESCRIPTION	SIZE
26832	SPRAY NINE	32 OZ
27932	EARTH SOAP	32 OZ

COMET CLEANSER



- * Great for tough stains
- * Mild abrasives won't scratch surfaces
- * 21 ounce powder

IFA PART#
COMET

JANITORIAL

INDUSTRIAL VACUUMS - ATIX



**Nilfisk
ALTO**
Why Compromise

- * 1.6 HP, 1000W self-cooling bypass motor (8.25 HP peak)
- * 135 cfm airflow
- * 92 inches static water lift (extractor level of power)
- * **SUPER QUIET** - 59 decibel design
- * 1.0 micron washable/reusable PET coated durable filter
- * MultiFit accessory tool storage system and cable wrap
- * Vacuums made with German engineered Wap Technology
- * Push and Clean technology for fast & simple filter cleaning (Simply block the inlet fitting or hose, push and release the filter cleaning button)
- * Soft-start technology to gently gear up motor (ATX50 ONLY)

ALL UNITS COME WITH THE FOLLOWING ACCESSORIES:

- * 1.5in x 10ft Hose
- * Chrome curved wand
- * Chrome 2 piece extension tube
- * Combi floor nozzle
- * Crevice nozzle
- * Brush nozzle
- * Universal nozzle
- * Fleece filter cartridge
- * (1) One filter bag

IFA PART#	SIZE
ATX30	8 GALLON
ATX50	12 GALLON

INDUSTRIAL VACUUM ACCESSORIES

BAGS

All filter down to (1) one micron



PAPER



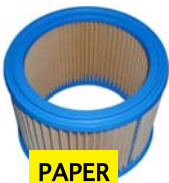
FLEECE

Fleece is stronger than paper, with less performance loss, and is more resistant to damp materials

IFA PART#	MATERIAL	FOR USE WITH
14895	PAPER	ATX TURBO 13 GAL
14896	PAPER	ATX TURBO 10 GAL, 15 GAL
ATX449	PAPER	ATX 350, 360 SERIES, ATX 8 GAL, ATX 30
ATX527	PAPER	ATX 5, ATX 12, ATX 50
ATX4000	FLEECE	ATX 350, 360 SERIES, ATX 8 GAL, ATX 30
ATX4004	FLEECE	ATX 5, ATX 12, ATX 50
SQ493	PAPER	SQ 400, SQ 10

FILTER ELEMENTS

All filter down to (1) one micron



PAPER



FLEECE

Fleece filters are washable and reusable

IFA PART#	MATERIAL	FOR USE WITH
11753	PAPER	ATX TURBO 10 GAL
29747	FLEECE	SQ 400, SQ 10, SQ 15
30063	PAPER	ATX TURBO 13 GAL
ATX490	FLEECE	ATX 8, ATX 12, ATX 30, ATX 50

LINERS AND ACCESSORIES



Cloth liners are washable and reusable

IFA PART#	DESCRIPTION
ATX525	CLOTH LINER FOR ATX 12
ATX606	CLOTH LINER FOR ATX 8, ATX 30, ATX 50
VACHOSE	13' X 36MM VACUUM HOSE
W5000	5.5" WIDE CARPET CLAW NOZZLE

JANITORIAL

WET MOPS / HANDLE

STANDARD MOP HEADS



- * Standard mops absorb 5.5 times their weight in water
- * 1 1/4" wide, heavy-duty vinyl mesh headband
- * Four-ply, cut-end, natural cotton fiber
- * Colored **blue** yarn lasts longer and makes dirt less visible

IFA PART#	DESCRIPTION
MOP	#24 COTTON MOP HEAD
MOP32	#32 COTTON MOP HEAD
MOPBLUE	#24 BLUE COTTON MOP HEAD

HEAVY DUTY MOP HEAD



- * Absorbs 7 times its weight
- * Four-ply, loop-end, reduces linting and unraveling
- * 5" wide, HD vinyl mesh headband
- * Strong enough to be laundered (with use of a mesh bag)

IFA PART#
MOPBLHD

MOP HANDLE



- * 63" wood handle (Quick-Change)
- * Quick release bar on metal head allows for easy loading
- * Head is double riveted to lacquered handle

IFA PART#
MOPHAND

MOP BUCKET / WRINGER COMBO



- * Patented WaveBrake® formation reduces splashing by 40%
- * Buckets stack, even with the wheels attached (non-marking 3" metal casters), for optimum storage (handle & wringer are detachable & fit inside bucket for easy storage)
- * Wringers tested to exceed 50,000 cycles

IFA PART#	COLOR	SIZE
MOPBUCK	YELLOW	26 QUART
REDBUCK	RED	35 QUART

FLOOR CONES

CAUTION WET FLOOR CONE



- * 4 sided, yellow
- * English/Spanish
- * 25 and 3/4" tall
- * Stackable

IFA PART#
SAFECONE

CAUTION WET FLOOR CONE



- * 4 sided, yellow
- * English ONLY
- * 35" tall
- * Stackable

IFA PART#
WARNCONC

TRAFFIC SAFETY CONE



- * Dayglow bright orange PVC
- * Rugged 11 lbs., all-weather
- * 36" tall

IFA PART#
TRAFFIC

JANITORIAL

GARAGE SWEEP BROOM AND BROOM HANDLE



* 24" wide, heavy-duty hard bristle brush



* Ideal for wet or dry surfaces

IFA PART#	DESCRIPTION
BROOM	24" GARAGE BROOM
BRHAND	60" STEEL HANDLE

* 60" light weight steel handle with metal threads
(Handles are sold per box of 6)

LOBBY / TOY BROOM



- * Excellent for spot cleaning
- * Three rows of stitching for greater strength
- * 39 inches long (3 feet 3 inches)
- * 7/8 inch red wood handle

IFA PART#
BRLOBBY

DUSTPAN



- * Lightweight, plastic construction
- * Wheels and wear pads on the back of the pan provide long product life
- * Built-in recessed handle allows emptying w/o touching the bottom

12.5 inch wide dust bin / 37 inches long

Rubbermaid

IFA PART#
DUSTPAN

DUSTMOP, DUSTMOP FRAME AND DUSTMOP HANDLE

- * Dustmop has a four-ply cotton/synthetic blend of pretreated yarn with ties for securing the mop over the frame
- * Sewn center fringe for added coverage
- * 1/4" frame is zinc-plated and rust-resistant
- * Handle has a 180° swivel head with sliding nylon lock that clips directly into frame



IFA PART#	DESCRIPTION
DUSTMOP	DISPOSABLE DUSTMOP
DMFRAME	DUSTMOP WIRE CLIP-ON D-FRAME
DMHAND	60" WOOD HANDLE WITH SWIVEL CLIP-ON

FLOOR SQUEEGEE AND FLOOR SQUEEGEE HANDLE



* 30" wide, heavy-duty black neoprene rubber



* Straight design

* Rugged frame with a reinforced socket

IFA PART#	DESCRIPTION
FLRSQ	30" STRAIGHT SQUEEGEE
FLRSQH	61" ALUMINUM HANDLE

* 61" handles features an ergonomic grip for comfort and a convenient hang-up hole for easy storage

JANITORIAL

RESTROOM

TOILET BOWL BRUSH



- * Tampico brush angled for interior surfaces
- * Plastic handle with hang-up hole, 19" long

IFA PART#
TBRUSH

TOILET BOWL CLEANER



- * Cleans, disinfects and deodorizes
- * Removes rust and mineral deposits
- * Antibacterial
- * 32 oz bottle

IFA PART#
TCLEAN

AUTOMATIC BOWL CLEANER



- * In-tank cleaner deodorizes and prevents mildew build-up
- * Colors water blue with each flush
- * 9 oz each (sold 12 per case)

IFA PART#
ABC

SCRUB SPONGE

- * Dual-action medium duty scrub sponge
- * One side is green cleaning pad, other side is yellow sponge



IFA PART#
SPONGE

* Sold per sponge

SCRUB BRUSH



- * Plastic molded handle
- * Blue polypropylene 1" fill resists stains
- * 6" overall length

IFA PART#
SCRUB



LYSOL® - DISINFECTANT SPRAY



- * Eliminates odors and prevents the growth of mold and mildew
- * Antibacterial
- * 19 oz can (sold each)

IFA PART#
LYSOL

PLEDGE® - FURNITURE POLISH



- * Removes fingerprints, smudges & dirt from wood furniture, cabinets, vinyl and leather - Shines, dusts, polishes, and protects in one easy step
- * 12.5 oz can (sold each)

IFA PART#
PLEDGE

FEBREZE® - FABRIC REFRESHER



- * Cleans away odors trapped in fabrics
- * Ready to use trigger sprayer is safe for virtually all fabrics
- * 32 oz bottle (sold each)

IFA PART#
FEBREZE

RAID® - ANT AND ROACH KILLER



- * Provides extremely fast knockdown and kill of a wide range of crawling insects
- * Residuals keep killing for up to 4 wks
- * 17.5 oz can (sold each)

IFA PART#
RAID

JANITORIAL

TRASH CONTAINERS AND ACCESSORIES



- * Seamless, polyethylene construction won't dent, rust or leak
- * Reinforced rim and base
- * Office cans are space efficient, economical and easy to clean
- * TRDOLLY has a 250 pound maximum capacity (does not work with 10 gallon round containers)

IFA PART#	DESCRIPTION
55CAN	55 GALLON TRASH CAN (26 1/2" diameter x 33" H)
WB-SM	13 5/8 QUART RECTANGULAR OFFICE TRASH CAN (8 1/4" W X 11 3/8" D X 12 1/8" H)
WB-MED	28 1/8 QUART RECTANGULAR OFFICE TRASH CAN (10 1/4" W X 14 3/8" D X 15" H)
TRDOLLY	ROLLING DOLLY FOR ALL BRUTE® ROUND CONTAINERS (EXCEPT 10 GAL SIZE)(18 1/4" diameter x 6 5/8" H)

TRASH CAN LINERS

- * Industrial-strength commercial can liners
- * Star seal bottom helps prevent leakage
- * Made from high quality blended resins for superior strength and puncture resistance
- * All trash can liners are bulk pack as shown



IFA PART#	CAPACITY	SIZE	GRADE	COLOR	THICKNESS	QTY PER CASE
10GAL	10 GALLONS	24 X 24	LIGHT	NATURAL	6 MICRON	500
20GAL	20-30 GALLONS	30 X 36	HEAVY	BLACK	.65 MIL	200
35GAL	33-35 GALLONS	33 X 39	HEAVY	BLACK	.60 MIL	200
45GAL	40-45 GALLONS	40 X 48	HEAVY	BLACK	1 MIL	100
55GAL	50-55 GALLONS	38 X 60	SUPER HEAVY	BLACK	1.5 MIL	100
HD35GAL	33-35 GALLONS	33 X 39	SUPER HEAVY	GREY	1.3 MIL	100

STRENGTH GRADE KEY

Light - For crumpled papers, cups, light waste, etc.
Heavy - For light wood, metal scraps, wet cardboard, etc.
Super Heavy - For heaviest cleanup jobs in warehouse, cafeteria or facility grounds

CIGARETTE RECEPTACLE



- * 4 Gallon capacity with removable steel pail won't rust, peel, crack or dent
- * Keeps grounds neat & attractive
- * 38.5" tall

IFA PART#
26800D

OILY WASTE CAN



- * For safe, temporary disposal of soaked, flammable rags
- * Foot pedal opens lid to 60°
- * 10 Gal, 17.75" H (W and D is 13" square)

IFA PART#
1403

HAND CLEANERS

PERMATEX® FAST ORANGE®



- * Biodegradable, waterless, petroleum solvent-free hand cleaner that contains no harsh chemicals, mineral oils or ammonia that can sting cuts or abrasions
- * Pure, fresh-smelling natural citrus fortified with aloe, lanolin, glycerin, & other skin conditioners that soothe raw, rough hands
- * Both PUMICE and SMOOTH formulas deep clean the toughest dirt
- * 1 Gallon bottle with pump (sold individually, 4 per case)

IFA PART#	DESCRIPTION
23218	SMOOTH
25219	PUMICE



Also works great on laundry stains, scuff marks, tile floors and many other cleaning needs



FAST ORANGE® WIRE BRACKET



- * Convenient wall-mountable wire bracket for out of the way storage of your favorite gallon of Permatex® hand cleaner

- * For use with:
#23218
#25219



IFA PART#
90128

FAST ORANGE® BAR SOAP



- * Contains fine pumice for thorough cleaning and leaves hands feeling soft
- * Ideally suited for the cleaning needs of techs!

- * 5.75 ounces per bar (sold each, 24 per case)



IFA PART#
25575

LOYAL HAND CLEANER

- * Quickly removes grease and oil through its unique cleaning formula
- * Contains pumice scrubbers that penetrate deep into the pore of the skin to loosen ground in grime (also comes in citrus variety)
- * Waterless formula contains no harsh solvents



IFA PART#	DESCRIPTION
HS20	20 LB PAIL
ORANGE20	20 LB PAIL (CITRUS)



HAND AND NAIL BRUSH



- * Sweeps off dirt and grime from hands and under fingernails
- * Comfort grip design is excellent for mechanics



COLORS WILL VARY

IFA PART#
HNBRUSH

HAND CLEANERS

FOAMING SOAP AND AUTOMATIC DISPENSER



Premium Foam Soap Lotion is Green Seal Certified

- * Foam soap is extra mild, leaves hands smooth and soft, and is enriched with conditioners for frequent use (leaves no residue)
- * More hand washings per refill & high capacity results in low cost (approximately 2,750 doses per refill)
- * Automatic Touch-Free Dispensing System provides nearly five times more hand washes per refill than liquid soap and up to 38% more than similar foam soaps while offering a hygienic experience (controlled usage of 0.4 ml per dose)



IFA PART#	DESCRIPTION
FOAMSOAP	AUTOMATIC BLUE FOAM SOAP (37.2 OZ)
HSDAUTOB	BLACK AUTO FOAM SOAP DISPENSER (REQUIRES 4 "C" BATTERIES - NOT INCLUDED)
HSDAUTOW	WHITE AUTO FOAM SOAP DISPENSER (REQUIRES 4 "C" BATTERIES - NOT INCLUDED)

GOJO HAND CLEANERS AND DISPENSERS

- * Quickly removes heavy grease, tar and oil with natural, non-irritating scrubbing particles (no harsh solvents)
- * Easy to load bag-in-a-box refill system is sanitary and includes a nonclog valve
- * Dispenser has large display window that makes it easy to see when it is time to refill
- * One-hand push-bar operation with adjustable portion control to reduce waste

5000ML comes in POWER GOLD (green) or SUPRO MAX (beige)



IFA PART#	DESCRIPTION
GJ2000PG	2000ml POWER GOLD CLEANER
GOJ2000D	2000ml DISPENSER
GJ5000PG	5000ml POWER GOLD CLEANER
GJ5000SM	5000ml SUPRO MAX CLEANER
GOJ5000D	5000ml DISPENSER

PINK LOTION SOAP AND DISPENSER



- * Pleasant pearlescent fragrance is ideal for customer restrooms and is an excellent **COST-EFFECTIVE** choice
- * 800ml bag system removes light soils and leaves hands smooth

* Dispenser works with a variety of 800ml bag systems

IFA PART#	DESCRIPTION
HSOAP	800ml HAND CLEANER
HSOAPD	800ml DISPENSER



KWIK-WIPES HAND WIPES



- * Moistened, textured wipes, perfect for when water is not available
- * Quick cleaning of dirt, grease and grime in a small convenient package size
- * 40 wipes per can (ideal for the mobile auto industry)

IFA PART#	DESCRIPTION
KWIKWIPE	

PAPER PRODUCTS

TOILET TISSUE AND DISPENSER



TORK



* Tork Advanced, white, 2-Ply standard roll bath tissue is individually wrapped inside each case (sanitary) and made from 100% recycled fibers (EcoLogo Certified)

* 500 sheets per roll, 48 rolls per case (order by case only)

* Dispenser is transparent black with decorative wave design



IFA PART#	DESCRIPTION
TPAPER	2-PLY TOILET TISSUE
TPDISP	TOILET TISSUE DISPENSER

* Universal dispenser holds 2 standard rolls from any manufacturer and eliminates waste by preventing access to visible fresh roll until first roll is finished

HARDWOUND ROLL TOWELS AND DISPENSERS



* Tork Universal, natural or white, 1-Ply

* Soft, strong, and highly absorbent, with embossing features that enhances hand feel and maximum absorbency (fewer towels used per hand dry)

* Made from 100% recycled fiber (EcoLogo Certified) (Brown is also 40% Post Consumer fiber)

* 350 ft per roll, 12 rolls per cs (order by cs only)



PTDISP



PTDAUTO



* Universal push bar dispenser holds one roll of standard towels and is high impact, flame retardant, chemical-resistant plastic with a see-through front that allows for a quick and easy check

IFA PART#	DESCRIPTION
PTOWEL-B	HARDWOUND ROLL TOWEL - BROWN
PTOWEL-W	HARDWOUND ROLL TOWEL - WHITE
PTDISP	UNIVERSAL ROLL TOWEL DISPENSER - GRAY
PTDAUTO	AUTOMATIC ROLL TOWEL DISPENSER - SMOKE

* Touch-free dispenser readsies a cost-saving 10" towel for the user at all times & is translucent, high impact plastic, with no exposed metal parts to corrode or rust (Takes (4) four D cell batteries - not included)

CENTERFEED TOWELS AND DISPENSER



* Tork Advanced, white, 2-Ply Centerfeed Towels offer one-at-a-time service, reducing waste, labor and refills

* 590 ft per roll (600 sheets), 6 rolls per case (order by case only), Made from 100% recycled fiber (EcoLogo Certified)



IFA PART#	DESCRIPTION
CPTOWEL	CENTERFEED TOWEL
CPDISP-B	CENTERFEED TOWEL DISPENSER - BLACK
CPDISP-W	CENTERFEED TOWEL DISPENSER - WHITE

* Dispensing system is an easy, one-hand operation, with no cross contamination from levers or cranks, and has a Portion Control feature that dispenses one towel every time

PAPER PRODUCTS

MULTIFOLD TOWELS AND DISPENSER



IFA PART#	DESCRIPTION
MFTOWEL	MULTIFOLD TOWEL
MFDISP	MULTIFOLD TOWEL DISPENSER

- * Tork Universal, natural 1-Ply, embossed to enhance hand feel and maximize performance
- * Quality and value for high volume rest rooms, with a high wet strength designed to please your most demanding users
- * Made from 100% recycled fiber, 40% of which is post consumer fiber, making this both **EcoLogo Certified** and **Green Seal Certified**
- * 250 / pack, 16 packs / cs = 4000 / cs (order by cs only)
- * Dispenser is a translucent smoke cover for "at a glance" inspection, with high impact plastic and no exposed metal parts to corrode or rust

SINGLEFOLD BLUE WINDSHIELD TOWELS AND DISPENSER



IFA PART#	DESCRIPTION
WSTOWEL	MULTIFOLD TOWEL
SFDISP	MULTIFOLD TOWEL DISPENSER



- * Tork Universal Windshield Towel is a soft, strong and absorbent 2-ply, low lint towel that is designed for excellent glass cleaning (**EcoLogo Certified**)
- * 140 towels per pack, 16 packs per case = 2240 towels per case (order by case only)
- * Dispenser is a strong durable white enamel painted steel with no moving parts and no break downs
- * Quick view slot allows quick and easy service checks

TOILET SEAT COVERS AND DISPENSER



IFA PART#	DESCRIPTION
TCOVER	TOILET SEAT COVERS
TCOVERD	TOILET SEAT COVER DISPENSER

- * Half-fold covers fit all popular dispensers and are made from quick dissolving tissue, 100% biodegradable
- * 250 covers per pack (sold each pack)
- * White plastic dispenser holds 2 packs of 250 covers
- * Includes double-sided tape for easy wall mounting

LOOKING FOR ADDITIONAL SHOP SUPPLIES?
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AND/OR STOCKING REQUESTS FOR YOUR BUSINESS
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PAPER PRODUCTS

PERFORMANCE WIPER SYSTEMS AND JUMBO DRY WIPES



- * A new generation of dispensers born to perform
- * Both stands, made for large rolls, are ergonomically designed with a safe and reliable tear-off system, easy to load and stable construction
- * Wall dispenser is for high use areas where space is at a premium and an easy-to-find fixed location is demanded
- * Floor dispenser is for high use areas where a large capacity mobile solution is needed

IFA PART#	STYLE
FLRDISP	FLOOR
WALLDISP	WALL

* Wall dispenser is red and metal, 25.4" W X 18.2" H X 10.8" D

* Floor dispenser is red and metal, 25.4" W X 39.6" H X 20.9" D



- * Premium multipurpose cloth dry wipers are extremely versatile, no matter the task at hand (heavy-duty cleaning to small wiping jobs)
- * With no adhesives or binders, they won't leave residue behind, so you can use them to remove grease and soil from tight areas and crevices, as well as for applying thinners and solvents
- * Product contains 100% synthetic and virgin fibers



- * Excellent all purpose dry wipers with cloth like softness
- * Use to absorb large spills and leaks, general janitorial maintenance, line wiping and cleaning, and on hands or face
- * Absorbs oil and water, works great on grease and grime and other industrial cleaning and maintenance projects

IFA PART# DESCRIPTION / SPECIFICATIONS

WIPES-W PREMIUM CLOTH WIPERS - WHITE
 THICKNESS: (1) ONE-PLY
 WIDTH: 15 INCHES
 SHEET LENGTH: 16.9 INCHES
 NUMBER OF SHEETS PER ROLL: 1000
 ENTIRE ROLL LENGTH: 1408.33 FEET

WIPES-B ALL PURPOSE WIPERS - BLUE
 THICKNESS: (1) ONE-PLY
 WIDTH: 9.8 INCHES
 SHEET LENGTH: 13.3 INCHES
 NUMBER OF SHEETS PER ROLL: 800
 ENTIRE ROLL LENGTH: 883.33 FEET

SHOP TOWELS ON A ROLL



- * Strong - works like cloth
- * Absorbs oil and grease
- * Blue, 11" X 10.4"
- * 55 towels per roll

IFA PART#
SHOPBL

WINDSHIELD

SQUEEGEES (METAL HEAD / WOOD HANDLE)



- * Rust resistant metal head with bug scrub netting
- * Plastic side guards protect glass

IFA PART#	DESCRIPTION
WS1020	10" METAL HEAD AND 20" WOOD HANDLE
WSMH8	8" METAL HEAD ONLY
WSMH10	10" METAL HEAD ONLY
WSWH20	20" WOOD HANDLE ONLY
WSWH32	32" EXTRA LONG WOOD HANDLE ONLY

SQUEEGEE (PLASTIC)



- * Professional series squeegee
- * EPDM blade, high density heavy duty sponge
- * Double wrap nylon netting
- * 8" plastic head

* 15" NO FLEX plastic handle

IFA PART#
WS

SQUEEGEE EXTENSION UNIT



- * Professional series squeegee
- * EPDM blade, high density heavy duty sponge with double wrap nylon netting
- * Telescoping pole extends from 21 inches to 36 inches

* Includes 8" metal head

IFA PART#
WS8EXT

PLASTIC SPRAY BOTTLE AND TRIGGER

- * Natural, clear color for easy identification of contents
- * Side of bottle has a chart for quantity graduations
- * Choose either the 8" standard red or 8" contour white trigger sprayer
- * 24 ounce bottle handles a variety of liquids



IFA PART#	SPRAYER
SPRAY	RED
SPRAYWHT	WHITE

SQUEEGEE BUCKETS

MOUNTABLE BUCKET



- * Perfect fit bucket for 8" squeegees ONLY! (does not fit 10" metal head)
- * Comes with metal mounting bracket for easy pole or wall installation

IFA PART#
WSBUCK

* Durable, heavy-duty black plastic

* Holds 1 gallon of fluid

CLOTHS / RAGS



RAGS25 = 25 lbs of rags Reusable, washable and low lint (white)
WSCLOTH = 6 / bag Antimicrobial, able to absorb 8X its weight Washable up to 300X 15.75 X 15.75 (blue)

IFA PART#	STYLE
RAGS25	T-SHIRT
WSCLOTH	MICROFIBER

2-SIDED BUCKET W/HANDLE



- * One section for wash water, one for rinse
- * Molded-in graduations for accurate measuring and a wide pour spout

IFA PART#
DBLBUCK

* Holds 17 quarts (4.25 gal) of fluid

VEHICLE PROTECTION

STEERING WHEEL COVERS

- * Maximum protection from grease and most chemicals
- * Two-sided elastic

SERVICE REMINDER STICKERS

Check Your OIL Frequently

SERVICE DUE: DATE: _____ MILEAGE: _____ GRADE: _____

- * Adheres firmly
- * Easy-write surface
- * See-thru plastic
- * Customizable

SEAT COVERS

- * Built-in stretch to prevent punctures
- * Non-slip surface

FENDER COVERS

- * Chemical resistant foam with soft fabric piping
- * Acid, grease, and scratch protection

FLOOR MATS

- * High absorption paper on top, plastic bottom that won't soak through

Surveys show that interior service soils are the most single and most frequent of customer complaints
SHOW YOU CARE ABOUT YOUR CUSTOMER'S CAR!

OR COMING IN
 IT HAS BEEN A PLEASURE TO SERVE YOU

SEAT COVERS

IFA PART#	DESCRIPTION	COLOR	THICKNESS	QTY
10-001	PRO-TECH SEAT-MATE™, 3-PLY, HEAVY DUTY	CLEAR	1.25 MIL	200 PER ROLL
10-005	ECONO SEAT GUARD, 3-PLY, ECONOMICAL	CLEAR	0.5 MIL	500 PER ROLL

FLOOR MATS

IFA PART#	DESCRIPTION	SIZE	QTY
20-008	ECO-BARRIER PLASTIC COATED PAPER MATS	17" X 22"	500 PER CASE

STEERING WHEEL COVERS

IFA PART#	DESCRIPTION	SIZE	QTY
30-001	STEERING WHEEL COVERS, FOR CARS AND LIGHT TRUCKS	21" DIAMETER	250 PER CASE

FENDER COVERS - RUBBER / FOAM

IFA PART#	DESCRIPTION	COLOR
FC-RED	3-PLY REINFORCED RUBBER / FOAM	RED
FC-BLUE	3-PLY REINFORCED RUBBER / FOAM	BLUE
FC-BLACK	3-PLY REINFORCED RUBBER / FOAM	BLACK

SERVICE REMINDER STICKERS

IFA PART#	DESCRIPTION	SIZE	QTY
SRS-001	STATIC CLING OIL CHANGE REMINDER STICKERS	2.5" X 1.5"	500 PER ROLL
SRS-001C	STATIC CLING WITH TEXT IMPRINT * * UP TO 4 LINES IMPRINTED - CALL FOR DETAILS	2.5" X 1.5"	1000 PER ORDER

WASHABLE AUTOMOTIVE SEAT COVER

PARTS RETURN BAGS



- * Non skid backing easily wipes clean
- * Acid, grease resistant vinyl with elastic strap and durable binding around cover
- * Measures 27"x 54"
(no logo or logo may differ)

IFA PART#
SC102B



- * Tough poly bags are handy for quick packaging of miscellaneous small parts
- * Size: 10" x 14"
500 per roll
2 rolls per case

IFA PART#
40-001

VEHICLE PROTECTION

TECHNICIAN'S "NO SCRATCH" BELTS

- * Great for every day technician use
- * Made tough & durable

- * Less likely to snag on surrounding objects
- * Velcro fastener with no exposed metal

100% LEATHER



IFA PART#	WAIST SIZE
LBELT-S	28 TO 32
LBELT-M	34 TO 38
LBELT-L	40 TO 44
LBELT-XL	46 TO 50

NYLON STRAP WITH 100% LEATHER BUCKLE



IFA PART#	WAIST SIZE
NBELT-M	32 TO 44
NBELT-L	46 TO 52

OFFICE SUPPLIES

INDUSTRIAL BATTERIES



IFA PART#	STYLE	QTY / PK
9VBATT	9V	12
AABATT	AA	24
AAABATT	AAA	24
CBATT	C	12
DBATT	D	12

FLASHLIGHTS

MINI MAGLITE®

- * High intensity adjustable light beam
- * Candle mode feature for hands free light
- * Includes a spare lamp in the tail cap
- * 5.75 inches tall, made of high-strength aluminum alloy in a variety of colors

IFA PART#	COLOR
MAG-BLK	BLACK
MAG-BLUE	BLUE
MAG-RED	RED
MAG-SLV	SILVER



(2) TWO AA BATTERIES AND HOLSTER CASE ARE INCLUDED

LARGE LED MAGLITE®



- * New LED version, same Maglite reliability

- * Black, Aluminum, water resistant case, 12.32 inches long

(3) THREE D BATTERIES NOT INCLUDED

IFA PART#
MAG-LRG

COMPACT LED FLASHLIGHT



- * 3 ultra bright 100,000 hour LED's never need replacing
- * Yellow waterproof case, 5.25" long, with pocket clip and on/off tailcap

20X LONGER 3N BATTERY OVER STANDARD FLASHLIGHTS

IFA PART#
3NLED

OFFICE SUPPLIES

PENS / HI-LITERS / MARKERS

BALLPOINT PENS



- * Paper Mate®
- * Medium point (1.0mm)
- * 12 per box

IFA PART#	COLOR
PEN-BL	BLUE
PEN-BLK	BLACK

HI-LITERS



- * Avery®
- * Fluorescent Yellow
- * 12 per box

IFA PART#
HI-LITER

MARKERS



- * Sharpie®
- * Fine tip point
- * Writes on almost any surface
- * 12 per box

IFA PART#
SHARP-B

DRY ERASE MARKERS



- * Chisel tip for thick strokes or fine lines
- * Use on whiteboards, glass and nonporous surfaces
- * 4 per box (black, blue, green, red)

IFA PART#
DRYERASE

SECURITY COUNTER PEN



BLUE INK

- * Adhesive base attaches securely with two sided tape
- * Security coil extends to over 5 ft, retracts to less than 8 inches to save space

IFA PART#
COILPEN

- * Triangular barrel (refillable)

COUNTERFEIT DETECTOR PEN



- * Easy to use - simply make small mark on bill - if it remains amber, bill passes; turns black, bill is suspect

IFA PART#
CF-PEN

- * Adhesive base attaches securely with double sided tape

CLIPBOARDS / STAPLER / STAPLES / SCISSORS / WIPES

CLIPBOARDS



- * Brown, hardboard writing surface

IFA PART#	SIZE
CLILEG	LEGAL
CLIPLET	LETTER

STAPLER / STAPLES



- * Plastic, holds 210 1/4" leg staples
- * Full rubber base for stability

IFA PART#	DESCRIPTION
STAPLER	STAPLER
STAPLES	STAPLES

SCISSORS



- * Stainless steel blades with black, plastic handles
- * 8 in long, cut length of 3.25 inches

IFA PART#
SCISSORS (universal left/right)

WHITE BOARD WIPES



- * Cleans & restores
- * Removes stubborn marks & ghosting

- * 120 wipes per cup

IFA PART#
ERASE

OFFICE SUPPLIES

PRINTER RIBBONS / TONER CARTRIDGES / PAPER

OKIDATA



- * Seamless printing
- * Replaces ribbon on Okidata 182, 320, 390, 420 series printers and more

IFA PART#
OKI420

HP CE505A TONER



- * Original OE HP LaserJet 05A
- * Compatible with HP P2035, P2035N, P2055DN, P2055X
- * Approx 2300 pages

IFA PART#
CE505A

HP P2015 TONER



- * Compatible with HP LaserJet P2015, P2015D, P2015N, M2727NF
- * High yield cartridge compared to OE

IFA PART#
HPP2015

COPY PAPER



- * Acid free, 20lb Standard 8.5" X 11"
- * Sold each ream (500 sheets/ream)

IFA PART#
PAPER-R
(brand of paper may vary)

TAPE

CLOTH (DUCT) TAPE



- * 2 inches X 60 yards (180 feet)

IFA PART#
DUCTTAPE

ELECTRICAL TAPE



- * 3/4" X 60 feet
- * Sold each roll

IFA PART#
ELECTAPE

INVISIBLE TAPE



- * 3/4" X 1000" (1 inch core)
- * Sold each roll

IFA PART#
TAPE

TAPE DISPENSER



- * Heavily weighted base for easy, 1 hand dispensing
- * For standard 1" core

IFA PART#
TAPEDISP

TEFLON TAPE



- * Seals threaded metal parts
- * 1/2 in X 520 in

IFA PART#
TEFLON

PACKING TAPE



- * 2" X 110 yards
- * 2 mil thick

IFA PART#	COLOR
CLEAR	CLEAR
TAN	TAN

ADDITIONAL TAPES AVAILABLE



SAFETY WALK TAPE

- * PAGE 257 FOR DETAILS



VINYL MARKING TAPE

- * PAGE 257 FOR DETAILS



MEDICAL TAPE

- * PAGE 262 FOR DETAILS

OFFICE SUPPLIES

MISCELLANEOUS SUPPLIES

CABLE TIES (ZIP TIES)

- * Multi-purpose wire ties in a re-usable zipper lock bag
- * 8" long, black (50 per pack)



IFA PART#
ZTIES

"S" ROPE/CHAIN HOOK



- * 2" #60 hook with a 35 pound load limit

IFA PART#
HOOK

YARDSTICK



- * 1/8 inch measuring increment
- * 36 in long (1 yard)

IFA PART#
YARDSTK

AMPLIFIED PHONE RINGER / STROBE LIGHT



- * A real attention getter - alerts you to incoming calls in loud environments with an amplified ringer up to 120db and a flashing strobe light (all line powered)
- * Adjustable tone control and on/off strobe switch
- * Wall mountable, AC adapter included, with optional battery backup (3 "AA" batteries - not included)



IFA PART#
KROWN

MOUTHWASH



- * 33.8 fluid ounces
- * Product may vary
- * Keeps breath fresh

IFA PART#
MOUTHWASH

ROUGH SERVICE BULBS



- * Frosted, 75 watt
- * Sold per case of 24

IFA PART#
RSBULB75

MAGAZINE RACK



H = 28 1/4"
W = 10 1/4"
D = 3 3/4"
BLACK ONLY

- * Stylish mesh offers easy visibility of magazine titles
- * 5 large capacity pockets hold oversized magazines
- * No assembly (wall mounting hardware is included)

IFA PART#
MAGRACK

SMALL BLUE ORGANIZER BIN



L = 11"
W = 8 1/4"
H = 7"

- * Ultra strong & versatile
- * Multiple label slots provide easy insertion & part I.D.
- * Stackable or able to hang
- * High dense polypropylene/polyethylene won't rust or corrode

IFA PART#
BLUEBIN

UNITED STATES FLAG



- * Sewn stripes
- * Embroidered stars
- * Heavy, white canvas heading and brass grommets
- * Nylon, colorfast fabric
- * 3 ft long X 5 ft wide
- * Made in the USA

IFA PART#
USFLAG35

BEVERAGES AND ACCESSORIES

COFFEE



- * Folgers Regular Ultra Roast
- * Vacket® pack makes 10-12 cups
- * .9 oz per vacket (42 per case)

IFA PART#	FLAVOR
COFFEE	REGULAR
DECAF	DECAF

TEA



- * Lipton Regular tea bags
- * Caffeinated
- * 100 bags per box

IFA PART#
TEA

COFFEE ACCESSORIES

SUGAR



- * 20 ounce canister
- * Sold each

IFA PART#
SUGAR

CREAMER



- * 12 ounce canister
- * Sold each

IFA PART#
CREAMER

FILTERS



- * Standard coffee filters for 12 cup brewers
- * 1000 per case

IFA PART#
COFFILT

STIR STRAWS



- * Red / White straws (bulk-unwrapped)
- * 5" long, sold per box of 1000

IFA PART#
STIR

CUPS AND LIDS

FOAM CUPS AND LIDS



- * 8 ounce, insulated for hot or cold beverages
- * 1000 cups/cs (25 packs of 40)
- * 1000 lids/cs (10 packs of 100)

IFA PART#	DESCRIPTION
DARTCUP	8OZ FOAM CUP
DARTLID	SIP-THRU LID

PAPER CUPS AND LIDS



- * 8 ounce, polylined for hot beverages (sage design)
- * 1000 cups/cs (20 packs of 50)
- * 1000 lids/cs (10 packs of 100)

IFA PART#	DESCRIPTION
DIXCUP	8OZ PAPER CUP
DIXLID	DRINK-THRU LID

BATHROOM CUPS



- * 3 ounce cup
- * 180 per box (design may vary)

IFA PART#
DIX3OZ

AIR FRESHENERS



DOZENS OF DISPLAY RACK STYLES TO CHOOSE FROM - CONTACT 1-800-872-2333 FOR DETAILS

CALIFORNIA PALMS HANG-OUTS

IFA PART#	DESCRIPTION	QTY PER UNIT OF ORDER
HO24CL	ASSORTED HANG-OUTS - 6 DIFFERENT SCENTS	24 PER CLIP / SOLD PER CLIP
HO2402CL	LAGUNA BREEZE HANG-OUTS	24 PER CLIP / SOLD PER CLIP
HO2405CL	MONTEREY VANILLA HANG-OUTS	24 PER CLIP / SOLD PER CLIP
HO2407CL	CORONADO CHERRY HANG-OUTS	24 PER CLIP / SOLD PER CLIP
HO2412CL	SHASTA STRAWBERRY HANG-OUTS	24 PER CLIP / SOLD PER CLIP
HO2416CL	CAPISTRANO COCONUT HANG-OUTS	24 PER CLIP / SOLD PER CLIP
HO2422CL	NEWPORT NEW CAR HANG-OUTS	24 PER CLIP / SOLD PER CLIP

Free-hanging automotive air fresheners are ready to travel. Just hang one on your car's rear view mirror and enjoy the fresh air for miles.

CALIFORNIA CAR SCENTS

IFA PART#	DESCRIPTION	QTY PER UNIT OF ORDER
CCS-12CT	ASSORTED CAR SCENTS - FLIP TOP BOX	12 PER BOX / SOLD PER BOX
CCS-16VA	ASSORTED CAR SCENTS - VERTICAL RACK	16 PER RACK / SOLD PER RACK
CCS-18CT	ASSORTED CAR SCENTS - OPEN BOTTOM BOX	18 PER BOX / SOLD PER BOX
CCS-RACK	COUNTER RACK DISPLAY FOR CCS-12CT	FITS (2) TWO CCS-12CT BOXES

Pop a can under the seat or in a cup holder and you're riding with fresh air for months! Organic, biodegradable and spillproof!

CALIFORNIA EYEPOD VENT CLIPS

IFA PART#	DESCRIPTION	QTY PER UNIT OF ORDER
EVC937CT	TROPICAL SUNSET EYEPOD VENT CLIP	9 PER BOX / SOLD PER BOX
EVC938CT	TROPICAL FRUIT EYEPOD VENT CLIP	9 PER BOX / SOLD PER BOX
EVC939CT	TROPICAL BLOSSOM EYEPOD VENT CLIP	9 PER BOX / SOLD PER BOX

Clips perfectly onto the a/c vent, the EyePod Vent Clip contains fragrance oils encapsulated in a unique leak-proof membrane.

CALIFORNIA AUTOMATIC METERED SCENTS

IFA PART#	DESCRIPTION	QTY PER UNIT OF ORDER
CSP1207	CORONADO CHERRY AUTOMATIC REFILL	SOLD EACH REFILL CAN
CSP2005	AUTOMATIC METERED DISPENSER - WHITE	SOLD EACH DISPENSER

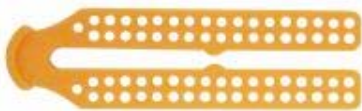
Programmable in set intervals & features a light sensor. 3.5 oz can lasts 30 days. Perfect for restrooms!

CALIFORNIA FRAGRANCE SPRAYS

IFA PART#	DESCRIPTION	QTY PER UNIT OF ORDER
SCSY16TR	ASSORTED FRAGRANCE SPRAYS - DISPLAY	SOLD/CS OF 16 (2 TRAYS OF 8)

A non-aerosol air freshener for instant freshening.

UVIEW VENT CLIPS



IFA PART#	DESCRIPTION
590235	VENT CLIP FRESHENER (PER PACK OF 12) - SUMMER BREEZE
590236	VENT CLIP FRESHENER (PER PACK OF 12) - SPICY APPLE
590237	VENT CLIP FRESHENER (PER PACK OF 12) - CITRUS
590238	VENT CLIP FRESHENER (PER PACK OF 12) - VANILLA
590239	VENT CLIP FRESHENER (PER PACK OF 12) - CLEAN CAR

APPLICATION CATALOGS



* International Filters offers a variety of application catalogs from the various vendors whose product we regularly stock

* All application catalogs are automatically updated to the latest year as soon they become available



BRAND	APPLICATIONS	YEAR
METROSTREET	FILTERS - OIL, AIR, CABIN, FUEL	2010
PREMIUM GUARD	FILTERS - OIL, AIR, CABIN, FUEL, TRANSMISSION, BREATHERS	2010
CHAMP	FILTERS - OIL, AIR, CABIN, FUEL, TRANSMISSION, PCV VALVES, BREATHERS	2010
MOBIL 1	OIL FILTERS	2007
K&N	FILTERS - OIL, AIR, CABIN, INTAKE SYSTEMS	2010
LUBERFINER	HEAVY DUTY FILTERS - OIL, AIR, FUEL, SPECIALTY	2007
CADNA	SERPENTINE, FAN BELTS	2008
PRESTONE	RADIATOR CAPS	2006
FRAM	OIL FILLER CAPS, FUEL CAPS	2006
BOSCH	WIPER BLADES	2010
RAIN-X	WIPER BLADES	2009
CEC	LIGHTING - ONLINE CATALOG ONLY @ CECINDUSTRIES.COM	CURRENT
BOSCH	SPARK PLUGS	2007 / 2008
AUTOLITE	SPARK PLUGS	2009
NGK	SPARK PLUGS, WIRE SETS	2010
BOSCH	OXYGEN SENSORS	2009
NGK / NTK	OXYGEN SENSORS	2011
LUBEGARD	ATF APPLICATIONS TO 2011	8TH EDITION
SMART BLEND	ATF APPLICATIONS 2003 TO 2010	2010

CHEK-CHART

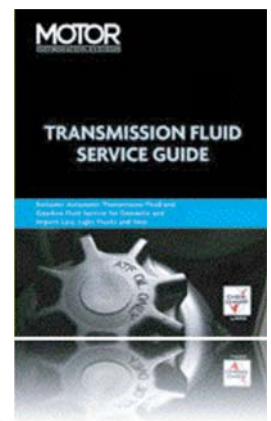
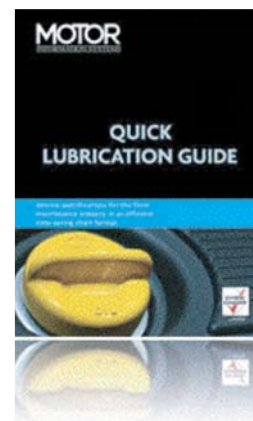
* The GoTo Guides with multi-year coverage for domestic & imported cars, light trucks, vans and SUVs

CONTENTS OF QUICK LUBRICATION GUIDE

- * Engine Lubrication Data
- * Chassis Lubrication Data
- * Resetting Oil Service Indicators
- * Vehicle Lift Points
- * Cooling System Capacities and Bleed Procedures

CONTENTS OF TRANSMISSION FLUID SERVICE GUIDE

- * Transmission Fluid Capacities and Fluid Type
- * Manual Transmission Illustrations
- * Transmission Gasket and Filter Illustrations
- * Pan and Filter, Drain Plug Tightening Specifications
- * Fluid Inspection Procedures for Transmissions Without Dipsticks



IFA PART#	DESCRIPTION
91810	QUICK LUBRICATION GUIDE
90118	TRANS FLUID SERVICE GUIDE

STORAGE CABINETS / DISPLAY RACKS



WIPER BLADE RACKS BELT / HOSE CLAMP RACKS LIGHT BULB CABINETS AND MORE!

* Call customer service at 1-800-872-2333 for availability

(some cabinets are only available through purchase - ask your customer service rep for details)

IFA PART#	DESCRIPTION	PRODUCT
221313RC	BOSCH WIPER RACK (ROLLING CART, DUAL ROWS)	BOSCH WIPER BLADES
2213141	BOSCH WIPER RACK (WALL MOUNT, SINGLE ROW)	BOSCH WIPER BLADES
2213174	BOSCH WIPER RACK (ROLLING CART, SINGLE ROW)	BOSCH WIPER BLADES
PV1	PREMIUM VISION WIPER RACK (ROLLING CART)	PREMIUM VISION BLADES
PV2	PREMIUM VISION WIPER RACK (WALL MOUNT)	PREMIUM VISION BLADES
RX101DISP	RAIN-X WEATHERBEATER WIPER RACK (WALL MOUNT)	RAIN-X WIPER BLADES
RX103DISP	RAIN-X WEATHERBEATER WIPER RACK (ROLLING CART)	RAIN-X WIPER BLADES
RX106DISP	RAIN-X LATITUDE WIPER RACK	RAIN-X WIPER BLADES
PC7	BOSCH SPARK PLUG CABINET	BOSCH SPARK PLUGS
RADCAB	RADIATOR CAP / THERMOSTAT CABINET	RADIATOR CAPS
BELTRACK	BELT RACK WITH 52 FINGERS (HOLDS APPROX. 30 BELTS)	SERPENTINE BELTS
HCRACK	HOSE CLAMP RACK	HOSE CLAMPS
80-001	SEAT COVERS, FLOOR MATS DISPENSING STAND	VEHICLE PROTECTION
80-002	SEAT COVERS	VEHICLE PROTECTION
C26P	26 DRAWER PLASTIC LIGHT CABINET	LIGHT BULBS, MISC.
OSRACK	OSRAM / SYLVANIA HEAVY-DUTY LIGHT CABINET	LIGHT BULBS
DL32	32 SPACE CABINET (18 X 12)	MISC.
10001	36 BIN WALL RACK (24"H X 24"W X 5"D)	MISC.

STARTER KITS (ASSORTMENTS)

HELPFUL ASSORTMENTS INCLUDE FAST MOVING PART NUMBERS AND CONVENIENT STORAGE

QUICKLY LOCATE, RE-ORDER, AND PROFIT FROM THESE POPULAR STARTER KITS



**WING NUTS - 1699
PAGE 35**



**CABIN FILTER HARDWARE - 4199
PAGE 51**



**FUEL FILTER CLIPS - FFCLIP
PAGE 63**



**PCV VALVES - PCVASST
PAGE 80**



**DRAIN PLUGS / GASKETS
ASST01, ASST02, ASST014, ASST016 - PAGE 103**



**RADIATOR CAPS - RADCAP
PAGE 105**



P.O.P. MATERIAL (POINT OF PURCHASE)

From the industry's leading vendors



and More !

Call IFA @ 1-800-872-2333
For the latest P.O.P. Material available

BANNERS

COUNTER MATS

POSTERS STICKERS

SIGNS

ETC...

- * Majority of P.O.P. items are only available through purchase
- * Contact your customer service rep for details regarding availability
- * Some P.O.P. items are available through special order only
- * International Filters will automatically update P.O.P. material to the latest available product offered by our vendors
- * Limited P.O.P. also available in bi-lingual format (English/Spanish)

CUSTOM ORDER FORMS

AIR FILTERS	53174	AF5436
AF4278	AF4880	AF5437
AF4297	AF4881	AF5438
AF4299	AF4882	AF5439
AF4342	AF4883	AF5440
AF4343	AF4884	AF5441
AF4350	AF4885	AF5442
AF4356	AF4886	AF5443
AF4361	AF4887	AF5444
AF4372	AF4888	AF5445
AF4375	AF4889	AF5446
AF4376	AF4890	AF5447
AF4377	AF4891	AF5448
AF4378	AF4892	AF5449
AF4379	AF4893	AF5450
AF4380	AF4894	AF5451
AF4381	AF4895	AF5452
AF4382	AF4896	AF5453
AF4383	AF4897	AF5454
AF4384	AF4898	AF5455
AF4385	AF4899	AF5456
AF4386	AF4900	AF5457
AF4387	AF4901	AF5458
AF4388	AF4902	AF5459
AF4389	AF4903	AF5460
AF4390	AF4904	AF5461
AF4391	AF4905	AF5462
AF4392	AF4906	AF5463
AF4393	AF4907	AF5464
AF4394	AF4908	AF5465
AF4395	AF4909	AF5466
AF4396	AF4910	AF5467
AF4397	AF4911	AF5468
AF4398	AF4912	AF5469
AF4399	AF4913	AF5470
AF4400	AF4914	AF5471
AF4401	AF4915	AF5472
AF4402	AF4916	AF5473
AF4403	AF4917	AF5474
AF4404	AF4918	AF5475
AF4405	AF4919	AF5476
AF4406	AF4920	AF5477
AF4407	AF4921	AF5478
AF4408	AF4922	AF5479
AF4409	AF4923	AF5480
AF4410	AF4924	AF5481
AF4411	AF4925	AF5482
AF4412	AF4926	AF5483
AF4413	AF4927	AF5484
AF4414	AF4928	AF5485
AF4415	AF4929	AF5486
AF4416	AF4930	AF5487
AF4417	AF4931	AF5488
AF4418	AF4932	AF5489
AF4419	AF4933	AF5490
AF4420	AF4934	AF5491
AF4421	AF4935	AF5492
AF4422	AF4936	AF5493
AF4423	AF4937	AF5494
AF4424	AF4938	AF5495
AF4425	AF4939	AF5496
AF4426	AF4940	AF5497
AF4427	AF4941	AF5498
AF4428	AF4942	AF5499
AF4429	AF4943	AF5500
AF4430	AF4944	AF5501
AF4431	AF4945	AF5502
AF4432	AF4946	AF5503
AF4433	AF4947	AF5504
AF4434	AF4948	AF5505
AF4435	AF4949	AF5506
AF4436	AF4950	AF5507
AF4437	AF4951	AF5508
AF4438	AF4952	AF5509
AF4439	AF4953	AF5510
AF4440	AF4954	AF5511
AF4441	AF4955	AF5512
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AF4479	AF4993	AF5550
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AF4481	AF4995	AF5552
AF4482	AF4996	AF5553
AF4483	AF4997	AF5554
AF4484	AF4998	AF5555
AF4485	AF4999	AF5556
AF4486	AF5000	AF5557
AF4487	AF5001	AF5558
AF4488	AF5002	AF5559
AF4489	AF5003	AF5560
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AF4496	AF5010	AF5567
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AF4499	AF5013	AF5570
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AF4501	AF5015	AF5572
AF4502	AF5016	AF5573
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AF4504	AF5018	AF5575
AF4505	AF5019	AF5576
AF4506	AF5020	AF5577
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AF4611	AF5125	AF5682
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AF4663	AF5177	AF5734
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AF4678	AF5192	AF5749
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AF4697	AF5211	AF5768
AF4698	AF5212	AF5769
AF4699	AF5213	AF5770
AF4700	AF5214	AF5771
AF4701	AF5215	AF5772

The following is the most recent list of products to arrive at International Filters.
All items are IN STOCK and are organized by the sections they will appear in future updates of
this catalog.

OIL FILTERS - METROSTREET (PAGE 1)

IFA PART#	DESCRIPTION
M33	AMC, BUICK, JEEP, OLDSMOBILE, PONTIAC
M49	BUICK, CHEVY, GMC, OLDSMOBILE, PONTIAC
M183	BMW 318I, 320I, M3
M193	CHRYSLER, DODGE, ISUZU, MITSUBISHI, PONTIAC
M291	86-87 ACURA, 79-87 HONDA
M2167	80-89 NISSAN PICKUP
M2500	09-12 DODGE, FORD, JEEP, LINCOLN
M2821A	CHEVY, SUZUKI, TOYOTA
M4460	93-05 SUBARU
M4466	82-93 BMW, 85-93 MERCEDES
M4619	CHEVY, DODGE, EAGLE, FORD, JEEP
M7819	02-05 LAND ROVER FREELANDER V6

OIL FILTERS - CHAMP (PAGE 3)

IFA PART#	DESCRIPTION
PH500	09-12 DODGE, FORD, JEEP, LINCOLN
PH2905	81-09 BENTLEY, 76-97 JAGUAR

OIL FILTERS - MOBIL 1 (PAGE 4)

IFA PART#	DESCRIPTION
M1-601	94-03 FORD V8 444 7.3L T.D.
M1C-151	00-11 CHEVY, SATURN
M1C-152	99-11 VOLVO
M1C-153	04-10 FORD, MAZDA 2.3L
M1C-251	05-11 TOYOTA, LEXUS 3.5L
M1C-252	96-06 BMW 6CYL
M1C-253	04-08 CHRYSLER, 98-05 MERCEDES
M1C-254	99-02 OLDSMOBILE V6, 04-11 CADILLAC V6
M1C-451	04-12 VOLVO S40, S60, V50
M1C-453	07-11 TOYOTA V8 5.7L, LEXUS
M1C-651	03-10 FORD F-SERIES 250 TO 550 6.0, 6.4L, 04-10 E-SERIES 350-550 6.0L

OIL FILTERS - SPIN-ON (PAGE 5)

IFA PART#	DESCRIPTION
FL910S	UPDATED FL910 - ALSO FITS 10-11 FORD TRANSIT CONNECT (MOTORCRAFT)
L5895	08-10 AUDI, VOLKSWAGEN 2.0L TURBO (NON-DIESEL)
L6128	2011 FORD F-SERIES V8 406 6.7L DIESEL

OIL FILTERS - CARTRIDGE (PAGE 5)

IFA PART#	DESCRIPTION
L82	46-56 CHRYSLER
L5690	03-06 BMW M3, 06-08 Z4
L5843	07-11 AUDI A8, Q7, R8, S5, 07-10 VOLKSWAGEN TOUAREG
L6127	10-11 HYUNDAI SANTA FE, 2011 KIA SEDONA, SORENTO
L6135	2011 CHRYSLER, DODGE, JEEP V6 3.6L

ADDITIONAL OIL RELATED PRODUCTS (PAGE 17)

IFA PART# DESCRIPTION

L5309CAP	REPLACEMENT OIL FILTER CAP ASSEMBLY (00-05 SATURN V6 3.0L)
L5436CAP	REPLACEMENT OIL FILTER CAP ASSEMBLY (00-11 CHEVY, SATURN)

AIR FILTERS (PAGES 18-22)

IFA PART# DESCRIPTION

AF5693	(A55693) 03-04 MERCEDES C230, 05 C230 KOMPRESSOR 1.8L
AF5704	(A35704) 07-10 BMW X3, 07-09 Z4
AF5784	(A35784) 07-09 FORD MUSTANG SHELBY GT500 V8 5.4L
AF5788	(A45788) 07-10 VOLVO S80, V70, XC60, XC70
AF5841	(A25841) 09-11 FORD ESCAPE, MAZDA TRIBUTE, MERCURY MARINER V6 3.0L
AF5880	(A35880) 08-10 CADILLAC CTS, CTS-V
AF5891	(A35891) 08-09 PONTIAC G8 V6, V8
AF5907	(A35907) 10-11 FORD MUSTANG
AF6050	(A36050) 08-10 CHEVY COBALT SS 4CYL 2.0L TURBO
AF6052	(A26052) 09-10 HONDA FIT 4CYL 1.5L VTEC
AF6054	(A36054) 09-10 KIA BORREGO
AF6055	(A36055) 09-10 HYUNDAI GENESIS V6 3.8L
AF6056	(A46056) 09-10 HYUNDAI GENESIS V8 4.6L
AF6064	(A26064) 09-10 HONDA PILOT V6 3.5L
AF6094	(A16094) 10-11 KIA SOUL 1.6, 2.0L
AF6100	(A26100) 2010 HONDA INSIGHT 4CYL 1.3L
AF6101	(A36101) 09-11 SUZUKI GRAND VITARA
AF6102	(A36102) 10-11 CHEVY CAMARO V6 3.6, 6.2L
AF6103	(A36103) 08-11 LEXUS GS460 V8 4.6L
AF6104	(A36104) 2010 HYUNDAI GENESIS COUPE 2.0, 2.8L
AF6105	(A36105) 2010 HYUNDAI GENESIS COUPE 3.8L (HD)
AF6109	(A36109) 2011 FORD F-SERIES 250-550 6.7L TD V8 (MOTORCRAFT)
AF6114	(A26114) 10-11 TOYOTA PRIUS
AF6118	(A26118) 2010 HYUNDAI TUCSON
AF6121	(A36121) 09-10 DODGE JOURNEY V6 3.5L, 09-11 4CYL 2.4L
AF6122	(A36122) 10-11 TOYOTA 4RUNNER, FJ CRUISER V6
AF6124	(A36124) 10-11 HYUNDAI SANTA FE, 2011 SONATA AND KIA
AF6130	(A46130) 10-11 BUICK LACROSSE, 2011 BUICK REGAL
AF6132	(A26132) 10-11 SUZUKI SX4 4CYL 2.0L
AF6318	(A16318) 07-11 MINI COOPER, 08-11 COOPER CLUBMAN
AF-DODGE	2011 DODGE DURANGO
FA1907	2011 FORD F-SERIES 6.7L PRE-FOAM FILTER (MOTORCRAFT)

AIR FILTERS - K&N (PAGE 36)

IFA PART# DESCRIPTION

33-2042	92-05 CHEVY ASTRO, BLAZER, S10
33-2056	95-98 DODGE 6CYL 360 5.9L
33-2106-1	97-04 FORD EXPLORER, RANGER, MAZDA TRUCK
33-2118	85-89, 97-04 CHEVY CORVETTE V8 5.7L
33-2170	98-05 LEXUS GS300, IS300
33-2248	00-03 FORD F-SERIES TD V8
33-2286	93-04 JEEP CHEROKEE, 04-11 NISSAN, QX56
33-2287	04-08 FORD F150 5.4L, 05-08 LINCOLN NAVIGATOR

HEAVY DUTY - OIL FILTERS (PAGE 37)

IFA PART# DESCRIPTION

L49087	89-ON IHC DT360, DT466 ENGINES
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HEAVY DUTY - AIR FILTERS (PAGE 38)

IFA PART#	DESCRIPTION
A75803	06-09 FORD LOW CAB FORWARD V6 4.5L TURBO DIESEL
FA1889	FORD TRUCK F650, F750 WITH CUMMINS ISB-07 6.7L

HEAVY DUTY - FUEL FILTERS (PAGE 38)

IFA PART#	DESCRIPTION
F55937	FUEL / WATER SEPARATOR FOR FORD TRUCKS WITH CAT 3126 ENGINE
F75915	00-08 FORD F650, F700 WITH CUMMINS 5.9L

CABIN FILTERS (PAGES 39-49)

IFA PART#	DESCRIPTION
C16072	07-10 BMW X5, X6 (SET OF 2)
C16098	2010 MAZDA3, MAZDA3 MAZDASPEED 4CYL (SET OF 2)
C25559	00-01 HONDA PRELUDE (SET OF 2)
C25832	01-09 MERCEDES C, CLK SERIES
C26086	2010 KIA SOUL
C26089	07-09 SUZUKI SX4 4CYL 2.0L
C35843	04-10 SMART FORTWO
C36099	2010 FORD FUSION, LINCOLN MKZ, MERCURY MILAN HYBRID
C36115	08-11 SUBARU FORESTER, IMPREZA 4CYL 2.5L
C45772	03-10 VARIOUS MERCEDES E-SERIES
C-BMW	10-11 BMW 5 SERIES, 7 SERIES (SET OF 2)
C-FLEX	10-11 FORD TAURUS, FLEX, LINCOLN MKS, MKT
C-FX50	09-10 INFINITI FX50
C-JEEPGC	2011 JEEP GRAND CHEROKEE
C-SANTAFE	10-11 HYUNDAI SANTA FE, KIA SORENTO

FUEL FILTERS (PAGES 52-58)

IFA PART#	DESCRIPTION
F56304	03 DODGE SPRINTER VAN 5CYL 2.7L T.D.
F56305	04-09 DODGE SPRINTER, MERCEDES, 07-09 JEEP GRAND CHEROKEE
F75888	06-10 CHEVY EXPRESS T.D., GMC SAVANA
FD46150E	2011 FORD F-SERIES 250-650 6.7L T.D. V8 (MOTORCRAFT)
GF400	07-09 DODGE TRUCK 6.7L (2ND DESIGN)

TRANSMISSION KITS (PAGES 64-74)

IFA PART#	DESCRIPTION
P1315	00-06 BMW, 04-07 CADILLAC, 08-09 PONTIAC

PCV VALVES (PAGES 77-80)

IFA PART#	DESCRIPTION
PV1087	02-06 LEXUS, 02-06 TOYOTA V6 3.0, 3.3L

SERPENTINE BELTS (PAGES 85-91)

IFA PART#	DESCRIPTION
335K3	SERPENTINE BELT

DRAIN PLUGS - 16MM THROUGH 25MM (PAGE 96)

IFA PART#	DESCRIPTION
78-57	5/8 - 18MM STANDARD PLUG WITH 9/16" FLANGED HEX HEAD

RADIATOR CAPS (PAGES 104-105)

IFA PART#	DESCRIPTION
R43	90-05 VOLKSWAGEN

HOSES (PAGE 108)

IFA PART#	DESCRIPTION
HH1	HEATER HOSE 1" X 50'

WIPER BLADES - BOSCH (PAGES 111-112)

IFA PART#	DESCRIPTION
444	OE REPLACEMENT ICON™ WIPER BLADE SET: 06-10 HONDA
445	OE REPLACEMENT ICON™ WIPER BLADE SET: FORD, HYUNDAI
446	OE REPLACEMENT ICON™ WIPER BLADE SET: CHEVY, GMC
449	OE REPLACEMENT ICON™ WIPER BLADE SET: LINCOLN, TOYOTA
450	OE REPLACEMENT ICON™ WIPER BLADE SET: CADILLAC

WIPER BLADES - VALEO (NEW PRODUCT LINE)

IFA PART#	DESCRIPTION
R10A	10" COMPOSITE REAR BLADE "A" - SOLD PER BLADE
R11A	11" BEAM REAR BLADE "A" - SOLD PER BLADE
R12A	12" COMPOSITE REAR BLADE "A" - SOLD PER BLADE
R12B	12" COMPOSITE REAR BLADE "B" - SOLD PER BLADE
R12C	12" BEAM REAR BLADE "C" - SOLD PER BLADE
R12D	12" COMPOSITE REAR BLADE "D" - SOLD PER BLADE
R12E	12" COMPOSITE REAR BLADE "E" - SOLD PER BLADE
R13A	13" BEAM REAR BLADE "A" - SOLD PER BLADE
R13B	13" BEAM REAR BLADE "B" - SOLD PER BLADE
R14A	14" COMPOSITE REAR BLADE "A" - SOLD PER BLADE
R14B	14" COMPOSITE REAR BLADE "B" - SOLD PER BLADE
R14C	14" BEAM REAR BLADE "C" - SOLD PER BLADE
R14D	14" BEAM REAR BLADE "D" - SOLD PER BLADE
R14E	14" COMPOSITE REAR BLADE "E" - SOLD PER BLADE
R14F	14" BEAM REAR BLADE "F" - SOLD PER BLADE
R14G	14" COMPOSITE REAR BLADE "G" - SOLD PER BLADE
R14H	14" COMPOSITE REAR BLADE "H" - SOLD PER BLADE
R16A	16" COMPOSITE REAR BLADE "A" - SOLD PER BLADE
R16B	16" BEAM REAR BLADE "B" - SOLD PER BLADE
R16C	16" BEAM REAR BLADE "C" - SOLD PER BLADE
R17A	17" BEAM REAR BLADE "A" - SOLD PER BLADE

LIGHTING - HALOGEN (PAGE 117)

IFA PART#	DESCRIPTION
898	FOG, DRIVING BULB (SOLD EACH)
9006XS	LOW BEAM WITH STRAIGHT BASE (SOLD EACH)

LIGHTING - MINIATURE (PAGES 118-119)

IFA PART#	DESCRIPTION
2821	MINIATURE LIGHT BULBS (SOLD PER 10 PACK)
7528	MINIATURE LIGHT BULBS (SOLD PER 10 PACK)
PC168	MINIATURE LIGHT BULBS (SOLD PER 10 PACK)

SPARK PLUGS - NGK (PAGES 130-131)

IFA PART#	DESCRIPTION
3186NGK	(TR5GP) NGK G-POWER SPARK PLUG - 4PK

OXYGEN SENSORS - BOSCH (PAGE 133)

IFA PART#	DESCRIPTION
MANY#'S	47 ADDITIONAL PART #'S NOT LISTED ON PAGE 133 - CALL FOR DETAILS

OXYGEN SENSORS - NGK/NTK (PAGE 134)

IFA PART# DESCRIPTION

MANY#'S 13 ADDITIONAL PART #'S NOT LISTED ON PAGE 134 - CALL FOR DETAILS

ADDITIVES - GOLD EAGLE / GOLDEN TOUCH (PAGES 135-138)

IFA PART# DESCRIPTION

25014 COMBUSTIKLEEN™ GAS INTAKE SYSTEM (CS OF 6 KITS)

25016 COMBUSTIKLEEN™ DIESEL INTAKE SYSTEM (CS OF 6 KITS)

ADDITIVES - QMI / HEARTLAND / FULL THROTTLE (PAGES 139-145)

IFA PART# DESCRIPTION

GL1408 QMI AIR CONDITIONING FRESHENER (PER CASE OF 12)

GL1750 QMI RENU ATF ENHANCER (SOLD PER BOTTLE - 24 PER CS)

ADDITIVES - LUBEGARD (PAGES 146-148)

IFA PART# DESCRIPTION

19001 KOOLER KLEEN TRANSMISSION LINE FLUSH (SOLD EACH 13.25OZ CAN)

ADDITIVES - SMART BLEND (PAGES 149-155)

IFA PART# DESCRIPTION

17011 ENGINE FLUSH - 1 GALLON (SOLD PER CASE OF 4)

CHEMICALS - OEM FLUIDS (PAGE 165)

IFA PART# DESCRIPTION

MERCNLV MECRON LV AUTO TRANSMISSION FLUID (PER CASE OF 12)

CHEMICALS - GASKETING (PAGES 167-169)

IFA PART# DESCRIPTION

80007 PERMATEX FORM-A-GASKET SEALANT 1.5OZ TUBE

80017 PERMATEX AVIATION FORM-A-GASKET 16OZ

TOOLS - FUEL FILTER TOOLS (PAGES 186-189)

IFA PART# DESCRIPTION

81688 FLEX FLARE NUT WRENCH (13MM X 14MM)

81690 FLEX FLARE NUT WRENCH (16MM X 18MM)

TOOLS - SERPENTINE BELT TOOLS (PAGES 190-191)

IFA PART# DESCRIPTION

TOY1914 TOYOTA SERPENTINE BELT WRENCH (14MM AND 19MM)

TOOLS - DRAIN PLUG TOOLS (PAGES 191-195)

IFA PART# DESCRIPTION

2497 MULTI-WRENCH TOOL (4 SQUARE DRIVE AND 4 HEX DRIVE)

TOOLS - TRANSMISSION TOOLS (PAGE 196)

IFA PART# DESCRIPTION

OTC6604 TRANSMISSION FLUID FILL ADAPTER FOR 83-ON FORD EXPLORER

TOOLS - BATTERY TOOLS (PAGES 197-198)

IFA PART# DESCRIPTION

3147 EXTRA LONG 5/16" SIDE TERMINAL BATTERY WRENCH

NEW PRODUCT

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TOOLS - RADIATOR TOOLS (PAGES 199-202)

IFA PART#	DESCRIPTION
3975	CORBIN STYLE HOSE CLAMP PLIERS
T16	RADIATOR CAP TESTER ADAPTER (12016)
T17	RADIATOR CAP TESTER ADAPTER (12017)

TOOLS - AIR LINE & TIRE SERVICE TOOLS (PAGES 205-207)

IFA PART#	DESCRIPTION
643-1	FEMALE HEX COUPLER 3/8" NPT X 1/4" NPT

TOOLS - LUBRICATION / FLUID HANDLING TOOLS (PAGES 213-220)

IFA PART#	DESCRIPTION
90464	STRAIGHT OIL METER SWIVEL FOR PART# 877
KTI74604	THREADED FUNNEL FOR 55 GALLON DRUMS WITH 2" BUNG HOLE

TOOLS - SPECIALTY TOOLS (PAGES 221-225)

IFA PART#	DESCRIPTION
3437	ON/OFF MAGNETIC PUSH PICKUP TOOL
DD16	DRUM DOLLY FOR 16 GALLON DRUMS (INCLUDES FOUR 2" CASTERS)
V386	PEDAL PRESS MECHANIC'S ASSISTANT

TOOLS - SCREWDRIVERS (PAGE 230)

IFA PART#	DESCRIPTION
W80036	POCKET "FLIP" 4-IN-1 SCREWDRIVER

SHOP SUPPLIES - PERSONAL SAFETY (PAGES 250-256)

IFA PART#	DESCRIPTION
LEDGLASS	3M LIGHT VISION LED SAFETY GLASSES
MG-05-011	THE ORIGINAL MECHANIX GLOVES (EXTRA LARGE)

SHOP SUPPLIES - JANITORIAL (PAGES 264-270)

IFA PART#	DESCRIPTION
OEPACKET	OIL EATER FLOOR CLEANER PACKETS (CASE OF 100 - 1.5OZ PACKETS)

FOR THE LATEST AVAILABLE PRODUCT



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NP1**FOR ORDERS OR QUESTIONS - TOLL FREE****PH: 1-800-872-2333 FAX: 1-800-569-6412****NEW PRODUCT**

The following is the most recent list of products to arrive at International Filters, not currently shown in our product catalog.

All items are IN STOCK and are organized by CATEGORY (in alphabetical order)

ADDITIVES**IFA PART# DESCRIPTION**

MISTYGC	HD GLASS CLEANER CONCENTRATE // 1 GAL
SS14	12OZ SEAFOAM INTAKE CLNR & LUBE SPRAY / CS
VC12	SPECIAL ORANGE COOLANT REVITALIZER // 32OZ // EA (MOTORCRAFT)

AIR FILTERS**IFA PART# DESCRIPTION**

AF-ALT13	13-14 NISSAN ALTIMA 2.5L
AF-HYUN	12-13 HYUNDAI GENESIS, EQUUS V8 5.0L
AF-MERC	11-12 CL63 AMG, CL550, S63 AMG, 2012 CLS63 AMG
AF-SPORT	10-13 KIA SPORTAGE GDI TURBO
AF-XTS13	2013 CADILLAC XTS V6 3.6L
AF5694	A35694 // 07-13 MERC-BENZ V6 3.0L TD (BLUETEC) (2)
AF5695	A45695 // 03-13 BENZ CL, S, 04-11 SL, 03-12 MAYBCH (2)
AF5715	A45715 // 07-10 BMW X5 V8 4.8L (2 FILTERS - L AND R)
AF5716	A65716 // 07-10 BMW X5 6CYL 3.0L
AF5778	A15778 // 07-13 MINI COOPER, 11-12 CNTRYMAN
AF5785	A25785 // 05-11 A6, 06-11 A6 AVANT, 09-11 A6 QUATTRO
AF5795	A35795 // 07-10 VOLVO S80, 2011 S60
AF5813	A35813 // 09-12 AUDI Q5, 10-13 S5,S4, 08-11 A4 QUATTRO
AF5814	A65814 // 08-13 BMW 135i, 09-13 Z4, 07-11 335i, 08-11 535i
AF5846	A35846 // 08-09 SATURN ASTRA 4CYL 1.8L
AF5882	A35882 // 05-11 VOLVO XC90 V8 4.4L (DOHC)
AF5883	A35883 // 07-13 VOLVO XC90 6CYL 3.2L
AF5897	A35897 // 09-11 BMW 335d V6 TWIN TURBO DIESEL
AF5900	A45900 // 11-13 BMW 535i, 640i, 740i, 740Li, X3, X5
AF6053	A26053 // 09-13 ACURA RL V6 3.7L
AF6057	A26057 // 08-09 DODGE CALIBER 2.4L TURBO
AF6062	A16062 // 08-13 SMART FORTWO 3CYL 1.0L
AF6065	A16065 // 08-11 CHEVY HHR SS 4CYL 2.0L D.I. TURBO
AF6093	A16093 // 09-13 AUDI A4, 10-13 A5, 11-13 Q5
AF6119	A26119 // 10-11 HONDA CR-V 4 CYL 2.4L
AF6120	A36120 // 10-13 FORD TRANSIT CONNECT 4CYL 2.0L
AF6123	A36123 // 10-13 SUZUKI KIZASHI 4CYL 2.4L
AF6131	A36131 // 10-13 CHEVY EQUINOX, GMC TERRAIN
AF6139	A26139 // 08-10 INFINITI M35 3.5L (>6/08), 11-13 M37 3.7L
AF6140	A26140 // 11-13 FORD FIESTA 4CYL 1.6L
AF6143	A46143 // 10-12 BMW Z4, 12-13 BMW 528i
AF6144	A26144 // 11-13 MAZDA MAZDA2 4CYL 1.5L
AF6145	A46145 // 10-11 CADILLAC SRX, 10-11 SAAB 9-4X
AF6146	A36146 // 11-13 SILVERADO, SIERRA 6.6L TD
AF6146M	MANN C 33 004 ONLY // 11-13 SLVRDO, SIRRA 6.6L TD
AF6149	A36149 // 12-13 FORD FOCUS, 2013 ESCAPE
AF6150	A26150 // 11-13 HONDA CR-Z 4CYL 1.5L
AF6151	A36151 // 11-13 CHRYS 200, DDGE AVENGER, JOURNEY
AF6152	A46152 // 11-13 CHEVY CRUZE, 12-13 ORLANDO
AF6153	A26153 // 11-13 HONDA ODYSSEY V6 3.5L
AF6163	A36163 // 11-13 CHVY CRZE 1.8L, 13 BUICK VERANO 2.0L

NEW PRODUCT

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NP2

AIR FILTERS - CONTINUED

IFA PART#	DESCRIPTION
AF6165	A36165 // 11-13 CHRYS T&C, DODGE GR CVAN, VW RTAN
AF6167	A36167 // 11-13 CHRY. 300, CHALLENGER, CHARGER
AF6168	A16168 // 11-13 JEEP COMPASS, PATRIOT,CALIBER
AF6169	A26169 // 11-13 CHEVY VOLT 1.4L & ELECTRIC MOTOR
AF6171	A26171 // 12-13 HONDA CIVIC 1.8L, 13 ACURA ILX
AF6172	A26172 // 10-13 ACURA MDX, ZDX V6 3.7L FI (VTEC)
AF6183	A16183 // 12-13 FIAT 500(SOHC) 4CYL. 1.4L
AF6184	A16184 // 2012 FIAT 500 ABARTH 4CYL. 1.4L TURBO
AF6196	A26196 // 12-13 CIVIC HYBRID, 13 ACURA ILX HYBRID
AF6197	A26197 // 12-13 HONDA CIVIC 2.4L, 13 ACURA ILX
AF6198	A16198 // 12-13 SCION iQ
AF6199	A26199 // 2013 FORD ESCAPE 4CYL 252 2.5L
AF6200	A16200 // 12-13 ACCENT, VELOSTER, KIA SOUL, RIO
AF6201	A26201 // 12-13 CHEVY IMPALA V6 3.6L
AF6202	A16202 // 12-13 NISSAN VERSA 4 CYL 1.6L
AF6271	A36271 // 13 FORD C-MAX, FUSION 4CYL 2.0L HYBRID
AF6272	A36272 // 13-14 FRD FUSION 2.5L, 1.6(T), 2.0(T), LINC MKZ
AF6273	A26273 // 12-13 CHVY SONIC 1.4L, 1.8L, 13 BCK ENCR 1.4L
AF6274	A36274 // 12-13 HONDA CR-V 2.4L
AF6276	A36276 // 13-14 ACURA RDX V6 3.5L
AF6277	A26277 // 13-14 CHEVROLET SPARK 1.2L
AF6280	A26280 // 12-13 MAZDA3 SKYACT, 14 MAZDA6, 13-14 CX-5
AF6281	A26281 // 2013 DODGE DART, 2014 JEEP LIBERTY 1.4L
AF6282	A26282 // 2013 HONDA ACCORD 4CYL 2.4L
AF6283	A26283 // 2013 HONDA ACCORD V6 3.5L
AF6314M	MA 1237 MANN ONLY // 07-12 DODGE RAM 6.7L DSL
FA17570E	99-03 FORD TD V8 444 7.3L VIN F (MOTORCRAFT)
FA18830E	MOTORCRAFT AIR FILTER
FA19020E	MOTORCRAFT AIR FILTER
FA19070E	2011 F SERIES 6.7L (PRE-FOAM)
LAF1520	LUBERFINER AIR FILTER // SAME AS AF5314

CABIN AIR FILTERS

IFA PART#	DESCRIPTION
C-370Z	09-13 NISSAN 370Z
C-ALT13	2013 NISSAN ALTIMA 2.5L, 3.5L, INFINITI JX35
C-BMW328	12-13 BMW 328 2.0L TURBO
C-BMWM3	08-13 BMW M3 (SET OF 4 FILTERS)
C-BMWX3	12-13 BMW X3 (2 CONNECTED FILTERS)
C-CUBE	09-13 NISSAN CUBE, 12-13 LEAF, 11-13 JUKE
C-ELANTRA	11-12 HYUNDAI ELANTRA TOURING
C-FRS	2013 SCION FR-S
C-M3756	2011 INFINITI M37, M56
C-MAZCX	13-14 MAZDA CX-5, 14 MAZDA3, MAZDA6
C-SCION	12-13 SCION iQ
C-TOUAREG	2011 VOLKSWAGEN TOUAREG
C-XTS	2013 CADILLAC XTS V6 3.6L
C15948	99-04 STERLING ACTERRA, 7500,8500,9500 SERIES (HD)
C15952	2007 PETERBILT 388 SERIES (HD)
C16177	11-12 JEEP WRANGLER, WRANGLER UNLIMITED (2)
C16203	11-13 MAZDA MAZDA2 4CYL 1.5L F.I.
C25874	00-05 MITSUBISHI ECLIPSE, 99-03 GALANT
C26073	06-10 HYUNDAI TUCSON

NP3**FOR ORDERS OR QUESTIONS - TOLL FREE****PH: 1-800-872-2333 FAX: 1-800-569-6412****NEW PRODUCT****CABIN AIR FILTERS - CONTINUED**

IFA PART#	DESCRIPTION
C26087	09-13 MAZDA MAZDA6
C26095	04-08 CHEVY EPICA, 04-06 SUZUKI VERONA 6 CYL 2.5L
C26175	11-13 FORD FIESTA
C26176	11-13 CHRYSLER 300, CHALLENGER, CHARGER
C26185	12-13 FIAT 500
C26205	08-13 ENCLAVE, 09-13 TRAVERSE, 07-13 OUTLOOK
C35675-2	01-06 SF, 99-05 SONATA, 01-05 XG300, 350 // 2 PCS
C36067	09-12 HYUNDAI GENESIS, 11-13 HYUNDAI EQUUS
C36091	11-13 CHEVY CAPRICE FLEX FUEL, 08-09 PONTIAC G8
C36125	02-07 MITSUBISHI LANCER, 03-06 OUTLANDER
C36154	10-13 BUICK, CAD SRX, 11-13 CRUZE, 12-13 SONIC
C36174	12-13 FORD FOCUS 4CYL, 13 ESCAPE 4CYL
C36179	11-13 HYUNDAI SONATA, KIA OPTIMA, 12-13 AZERA
C45844	08-13 MERCEDES C300, C350, C63 AMG
C46126	10-13 CHEVROLET CAMARO

CHEK-CHART

IFA PART#	DESCRIPTION
91813	2013 CHEK-CHART QUICK LUBE GUIDE (1996-2013)
90121	2013 CHEK-CHART TRANS FLUID SVC GUIDE (96-13)
91778	2013 COMBO PACK // CHEK-CHART 90121 AND 91813

COOLANT / R134A / AIR CONDITIONING

IFA PART#	DESCRIPTION
401	R134A CAN TAP W/HOSE & QUICK CONNECT COUPLER
402	R134A CAN TAP DISPENSING VALVE
3200	CAULKING GUN FOR DYE DETECTION PART# D8
9411	NYLON O-RING PICK // SOLD EACH
13128	3/8", 5/16", 1/2" UNIVERSAL HIGH SIDE IN-LINE FILTER
13494	GM / UNIVERSAL A/C SERVICE ASSORTMENT
13715	MASTER SEALING WASHER ASSORTMENT KIT
15672	ROBINAIR SPIN ON RECYCLING FILTER
16525	MULTI-PURPOSE DYE // SOLD EACH (1 OZ)
21758	HEAVY DUTY HOSE CUTTER
22762	A/C FLASH FLUSH // 32OZ. // SOLD PER CAN
24940	HYBRID A/C COMPRESSOR OIL // SLD PER 7OZ BOTTLE
92311	ORIFICE TUBE REMOVER / INSTALLER KIT
11-10	GM WHITE, NATURAL ORIFICE TUBE // PER PACK
12-10	GM BLACK ORIFICE TUBE // PRICED / SOLD PER BAG
16-10	FORD BLUE ORIFICE TUBE // PRICED / SOLD PER BAG
13258-5	R134A ALUM OEM LOW SIDE SRVC PORT PER BAG
13265-5	R134A ALUM OEM HI SIDE SERVICE PORT // PER BAG
13296-10	13296 YELLOW HNBR O-RING // PER BAG OF 10
13302-10	HNBR PURPLE O-RINGS R134A & R12 // PER BAG
13319-10	13319 PURPLE HNBR O-RING // PER BAG OF 10
13333-10	HNBR PURPLE O-RINGS R134A & R12 // PER BAG
13357-10	13357 YELLOW HNBR O-RING // PER BAG OF 10
13364-10	13364 PURPLE HNBR O-RING // PER BAG OF 10
13395-10	HNBR PURPLE O-RINGS R134A & R12 // PER BAG
13456-10	13456 PURPLE HNBR O-RING // PER BAG OF 10
13487-10	13487 YELLOW HNBR O-RING // PER BAG OF 10
24-10	GM YELLOW ORIFICE TUBE // PRICED / SOLD PER BAG
24-1497	A/C SYSTEM FLUSH GUN

NEW PRODUCT

FOR ORDERS OR QUESTIONS - TOLL FREE

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NP4

COOLANT / R134A / AIR CONDITIONING - CONTINUED

IFA PART#	DESCRIPTION
25374-5	FREIGHTLINER STAT-O-SEAL #10 RED // PER BAG 5
25381-5	FRGHTLINER STAT-O-SEAL #12 RED OEM // PER BAG 5
25398-5	FRGHTLINER STAT-O-SEAL #12 (EVAP) RED // PR BAG 5
25435-10	HS SERV PORT CAP EATON SSV M10 X 0.75 // BAG (10)
25442-10	LS SERV PORT CAP EATON SSV M8 X 1.0 // BAG (10)
426-10	CHRYSLER METAL GASKET // PER BAG OF 10
568-008-10	008 GREEN HNBR O-RING // PER BAG OF 10
568-010-10	GREEN HNBR O-RING // PRICED/SOLD PER BAG (10)
568-011-10	568-011 GREEN HNBR O-RING // PER BAG OF 10
568-012-10	568-012 GREEN HNBR O-RING // PER BAG OF 10
568-020-10	GREEN HNBR O-RING // PRICED/SOLD PER BAG (10)
568-105-10	568-010 GREEN HNBR O-RING // PER BAG OF 10
568-110-10	568-110 GREEN HNBR O-RING // PER BAG OF 10
568-111-10	568-111 GREEN HNBR O-RING // PER BAG OF 10
568-113-10	568-113 GREEN HNBR O-RING // PER BAG OF 10
568-116-10	116 GREEN HNBR O-RING // PER BAG OF 10
568-211-10	211 GREEN HNBR O-RING // PRICED/SOLD PER BAG (10)
568-903-10	903 GREEN HNBR O-RINGS // PER BAG 10
568-906-10	568-906 GREEN HNBR O-RING // PER BAG OF 10
568-910-10	910 HIGHLY SATURATED O-RING // PER BAG OF 10
568-1124-10	GREEN HNBR O-RING // PRICED/SOLD PER BAG (10)
568-2024-10	2024 GREEN HNBR O-RINGS // PER BAG 10
568-2109-10	2109 GREEN HNBR O-RING // PER BAG OF 10
602-5	R134A LOW SIDE ADAPTER // 1/4" FLARE (7/16") // 5/BAG
602S-5	R134A LOW SIDE ADAPTER (STEEL) 1/4" FLARE // 5/BAG
603-5	R134A HIGH SIDE ADAPTER // 3/16" FLARE (3/8") // 5/BAG
603B-5	R134A HIGH SIDE BRASS // 3/16" FLARE (3/8") // 5/BAG
603S-5	R134A HIGH SIDE STEEL // 3/16" FLARE (3/8") // 5/BAG
604-5	R134A HIGH SIDE ADAPTER // 1/4" FLARE (7/16") // 5/BAG
604B-5	R134A BRASS HI SIDE ADAP // 1/4" FLARE (7/16") // 5/BAG
606-5	GM 2 PC ALUM HIGH SIDE / PRIM SEAL W/CAPS // PER BAG (5)
606B-5	BRASS GM 2PC HI R134A PRIM SEAL W/CAP / BAG 5
608-5	R134A ALUM OEM LOW SIDE BALL VALVE / PER BAG
610-5	FORD HIGH SIDE W/ MALE THREADS // PER BAG (5)
612-10	R134A HI SIDE PORT CAP 10MM X 1.25 // PER BAG 10
613-10	R134A LOW SIDE PORT CAP 9MM X 1 // PER BAG 10
614-10	R134A LOW SIDE SERVICE PORT CAP // PER BAG (10)
615-10	R134A HIGH SIDE SERVICE PORT CAP // PER BAG (10)
616-10	R134A HS SERVICE PORT CAP 10MM X .75 // BAG (10)
619-10	1/2" ACME CAP FOR PUMPS, TANKS, ETC // PER BAG 10
621-10	LRA LOW SIDE SERVICE PORT CAP // PER BAG 10
622-10	JRA HIGH SIDE SERVICE PORT CAP / PER BAG OF 10
623-10	13MM AEROQUIP LOW SIDE PORT CAP // PER BAG (10)
624-10	16MM AEROQUIP HIGH SIDE PORT CAP // PER BAG (10)
638-10	GM 5/8 THICK BLK SEALING WASHER // PER BAG OF 10
672-10	R134A A/C + STOP CORES // STANDARD // PER PACK
673-10	LATE MODEL GM HI-FLO VALVE CORE / PER BAG (10)
674-10	JRA VALVE CORE // PER BAG (10)
676-10	8MM LOW SIDE VALVE CORE // PER BAG (10)
677-10	R134A 10MM HIGH SIDE VALVE CORES // SOLD/BAG
678-10	VALVE CORES // RENAULT - STNDRD FLOW PER BAG 10
679-10	VOLVO / PEUGEOT HI FLOW VALVE CORE // PER BAG 10
761-10	GM 5/8 THICK RED SEALING WASHER // PER BAG OF 10

NP5**FOR ORDERS OR QUESTIONS - TOLL FREE****PH: 1-800-872-2333 FAX: 1-800-569-6412****NEW PRODUCT****COOLANT / R134A / AIR CONDITIONING - CONTINUED**

IFA PART#	DESCRIPTION
762-10	GM 5/8 THICK YELLOW SEALING WSHR // PER BAG
888-10	11MM GM BLOCK FITTING // PER BAG OF 10
FB2	A/C FLUSH KIT IN A BUCKET
GEZ1HD	INTERDYNAMICS A/C R134A GAUGE - HEAVY DUTY
GM294	TOP 3 GM SEALING WASHER ASST (24 PCS)
GM501	GM COMPRESSOR SEALING WASHER ASSORTMENT
M2103-10	M2103 GREEN HNBR O-RING // PER BAG OF 10
M2104-10	M2104 YELLOW HNBR O-RING // PER BAG OF 10
M2106-10	M2106 HIGHLY SATURATED O-RINGS // PER BAG OF 10
M2107-10	M2107 GREEN HNBR O-RING // PER BAG OF 10
M2110-10	M2110 GREEN HNBR O-RING // PER BAG OF 10
M2115-10	M2115 GREEN HNBR O-RING // PER BAG OF 10
M2116-10	M2116 GREEN HNBR O-RING // PER BAG OF 10
M2122-10	M2112 GREEN HNBR O-RING // PER BAG OF 10
OR128	COMPRESSOR O-RING ASST // PER BAG
P100-8	PAG 100 VISCOSITY (NO U/V DYE) // 8 OZ.
P150-32	PAG 150 VISCOSITY WITHOUT U/V DYE // 32 OZ.
P46-8	PAG 46 VISCOSITY (NO U/V DYE) // 8 OZ.
SS-30	1/4" DRIVE FOR OCTAGON R134A PORT ADAPTER
ST22	TOTAL LEAK STOP R134A / R12 // SLD EA 2OZ BOTTLE
V128	SUPER PREMIUM VACUUM PUMP OIL // 128OZ (SLD EA)
V32	SUPER PREMIUM VACUUM PUMP OIL // 32OZ (SOLD EA)

FIRST AID

IFA PART#	DESCRIPTION
EWFAUCET	FAUCET-MOUNT PERSONAL EYE WASH STATION
EWTAG	EMERGENCY SHOWER & EYEWASH TAG // SOLD EA

FLO-DYNAMICS

IFA PART#	DESCRIPTION
942209	CONVERTER - 55AMP FOR FLO-DYNAMICS MACHINES
TS410	AUTOMATIC ATF EXCHANGER

FUEL CAPS

IFA PART#	DESCRIPTION
10839	02-09 LEXUS, 11 CHEVY, 05-10 SCION TC, 03-09 TOY
10840	04-11 LINCOLN, MERCURY, 04-12 FORD, 04-13 MAZDA
10841	04-11 BUICK, CAD, 04-12 CHVY, GMC, 05-10 SATURN

FUEL FILTERS

IFA PART#	DESCRIPTION
904-112	FUEL FILTER DRAIN PLUGS FOR F55464 // SLD/PK OF 5
F33144OR	O-RING FOR F33144 GM FUEL FILTER // SOLD EACH
F55055C	95-98 E SERIES, 94-97 F SERIES V8 7.3L TD - W/CAP
F55464WS	01-11 GMC 6.6L WATER SEPARATR VALVE/SENSOR
F56097	03-10 DODGE RAM 2500, 3500 6CYL 359 5.9L TD
F56117	01-13 CHEVY, GMC 6.6L TURBO DIESEL
F65376M	00-03 FORD RANGER 4 CYL & V6 (1 IN 2 OUT) // FG1071 (METAL FILTER ONLY)
F66301CAP	F66301/FD4617 FUEL FILTER CAP ONLY // NO FILTER
F76160	2011-13 F-SERIES 250-550 6.7L TD V8 // WHITE BOX
FD4606OE	04-08 E-SERIES 6.0L TD V8 (VIN P) MOTORCRAFT OE
FD4616OE	03-07 F250-550 6.0L TD MOTORCRAFT OE
FD4617OE	2008 FORD 6.4L T.D. V8 391 F-SER MOTORCRAFT OE

NEW PRODUCT

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NP6

FUEL FILTERS - CONTINUED

IFA PART#	DESCRIPTION
GF401	10-12 DODGE TRUCK 6.7L - 3RD DESIGN OE# 68065608AA
GM38GRN	GM 3/8" GREEN FUEL LINE LOCK TAB CLIP // SOLD EA
GM516GRN	GM 5/16" GREEN FUEL LINE LOCK TAB CLIP // SOLD EA
P38FORD	NEW PINK FORD 3/8" FUEL FILTER CLIP - SOLD EA
P516FORD	NEW PINK FORD 5/16" FUEL FILTER CLIP - SOLD EA
VWCLIP	(3) VW FUEL FILTER CLIPS // FOR 99-10 VARIOUS VW

FUSES

IFA PART#	DESCRIPTION
ATO1	FUSE ATO BLADE 32V // 1A // SOLD PER PACK OF 5
ATO10	FUSE ATO BLADE 32V // 10A // SOLD PER PACK OF 5
ATO15	FUSE ATO BLADE 32V // 15A // SOLD PER PACK OF 5
ATO2	FUSE ATO BLADE 32V // 2A // SOLD PER PACK OF 5
ATO20	FUSE ATO BLADE 32V // 20A // SOLD PER PACK OF 5
ATO25	FUSE ATO BLADE 32V // 25A // SOLD PER PACK OF 5
ATO3	FUSE ATO BLADE 32V // 3A // SOLD PER PACK OF 5
ATO30	FUSE ATO BLADE 32V // 30A // SOLD PER PACK OF 5
ATO4	FUSE ATO BLADE 32V // 4A // SOLD PER PACK OF 5
ATO40	FUSE ATO BLADE 32V // 40A // SOLD PER PACK OF 5
ATO5	FUSE ATO BLADE 32V // 5A // SOLD PER PACK OF 5
ATO7.5	FUSE ATO BLADE 32V // 7.5A // SOLD PER PACK OF 5
MAX20	FUSE MAXI BLADE 32V // 20A // SOLD / PACK OF 1
MAX30	FUSE MAXI BLADE 32V // 30A // SOLD / PACK OF 1
MAX40	FUSE MAXI BLADE 32V // 40A // SOLD / PACK OF 1
MAX50	FUSE MAXI BLADE 32V // 50A // SOLD / PACK OF 1
MAX60	FUSE MAXI BLADE 32V // 60A // SOLD / PACK OF 1
MIN10	FUSE MINI BLADE 32V // 10A // SOLD PER PACK OF 5
MIN15	FUSE MINI BLADE 32V // 15A // SOLD PER PACK OF 5
MIN2	FUSE MINI BLADE 32V // 2A // SOLD / PACK OF 5
MIN20	FUSE MINI BLADE 32V // 20A // SOLD PER PACK OF 5
MIN25	FUSE MINI BLADE 32V // 25A // SOLD PER PACK OF 5
MIN3	FUSE MINI BLADE 32V // 3A // SOLD / PACK OF 5
MIN30	FUSE MINI BLADE 32V // 30A // SOLD PER PACK OF 5
MIN4	FUSE MINI BLADE 32V // 4A // SOLD / PACK OF 5
MIN5	FUSE MINI BLADE 32V // 5A // SOLD PER PACK OF 5
MIN7.5	FUSE MINI BLADE 32V // 7.5A // SOLD / PACK OF 5
MRS1	ATO MODULAR RACK SYSTEM FUSE ASST
MRS2	MINI / MAXI MODULAR RACK SYSTEM FUSE ASST

GLOVES

IFA PART#	DESCRIPTION
LTX9002L	(LARGE) PG HD LATEX GLOVES // 9 MIL // NO PWDR
NTX2001L	(LRG) NITRILE GLOVES LIGHTLY POWDERED
PITGLOVE	PITSTOP™ OIL CHANGE GLOVE (SOLD EACH)

GOLD EAGLE

IFA PART#	DESCRIPTION
1612	FUEL SYSTEM CLEANER // 12 OZ (SOLD / CASE OF 24)
1694	TRANSMISSION POWER FLUSH // PER CS 12 (12OZ)
15211	DIESEL POWER CETANE BOOSTER // PER CS OF 6
CLINDO	CLINDO ALL PURPOSE CLEANER (AMMONIATED)

NP7**FOR ORDERS OR QUESTIONS - TOLL FREE****PH: 1-800-872-2333 FAX: 1-800-569-6412****NEW PRODUCT****HEARTLAND**

IFA PART#	DESCRIPTION
QMI6001CA	QMI MULTI-VEHICLE ATF // SOLD PER CS OF 12 (1QT)
QMI6002CA	QMI MULTI-VEHICLE ATF // SOLD PER CS OF 4 (GAL)
QMI7001	QMI CVT MULTI-VEHICLE FLUID // 32OZ (PER CS 12)
QMI7002	QMI CVT MULTI-VEHICLE FLUID // GALLON (PER CS 4)

HEAVY DUTY AIR FILTERS

IFA PART#	DESCRIPTION
A35925	00, 03-05, 09 VARIOUS M2 BUS CLASS FREIGHTLINER
A72314	FORD, KENWORTH, MACK TRUCKS
A75974	KENWORTH, PETERBILT // DONLDSN ERA15 HOUSING
LAF1768	mitsubishi FH, FK, FM SERIES TRUCKS
LAF6102	03-09 GMC TPKICK, KDIK, C4500, 5500 6.6L DMAX DSL
LAF6116	KENWORTH CAT / CUMMINS C500, T470, 660, 800, W900S

HEAVY DUTY FUEL FILTERS

IFA PART#	DESCRIPTION
F50181	CATERPILLAR 3406, 3406B, 3408 ENGINES
F50284	FORD 600, 700, 800 SERIES 6.6, 7.8L DIESEL
F60024	CUMMINS ENGINES
F60025	DETROIT DIESEL ENGINES // FUEL / WATER SEP
F60026	CATERPILLAR FUEL / WATER SEP

HEAVY DUTY OIL FILTERS

IFA PART#	DESCRIPTION
L35930	2000 & 2007 FREIGHTLINER OM906, 2002 MBE904
L50034	FIAT, NEW HOLLAND, IVECO
LFP3236	MACK, CATERPILLAR // HIGH CAPACITY OF LFP3191
PH26	LUBERFINER ONLY // DOES NOT CROSS TO PG4651

LIGHT BULBS

IFA PART#	DESCRIPTION
73	MINIATURE LIGHT BULB // PRICED / SOLD 10 PK
4057	LIGHT BULB 10 PER PACK // LONG LIFE ONLY
5008	MINIATURE LIGHT BULB // PRICED / SOLD 10 PK
5202	FOG LIGHT 24W / PS24W // SOLD EACH
7440NA	MINI BULB (AMBER) // PRICED & SOLD PER 10 PK
7443NA	MINI BULB (AMBER) // PRICED & SOLD PER 10 PK
9005XS	HALOGEN LOW BEAM BULB // SLD EA // STRAIGHT BASE
H11B	HALOGEN LAMP // T-3 1/2 12V 55W // SOLD EACH

LIGHT BULBS (WAGNER)

IFA PART#	DESCRIPTION
W1156	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W1157	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W12100	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W168	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W194	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W3057	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W3157	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W4157	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W7440	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W7443	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W9003	WAGNER HALOGEN CAPSULE // PRCD / SLD EA

NEW PRODUCT

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NP8

LIGHT BULBS (WAGNER) - CONTINUED

IFA PART#	DESCRIPTION
W9004	WAGNER HALOGEN CAPSULE // PRCD / SLD EA
W9005	WAGNER HALOGEN CAPSULE // PRCD / SLD EA
W9006	WAGNER HALOGEN CAPSULE // PRCD / SLD EA
W9007	WAGNER HALOGEN CAPSULE // PRCD / SLD EA
W9008	WAGNER HALOGEN CAPSULE // PRCD / SLD EA
W906	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W912	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
W921	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK
WPC168	WAGNER MINI LAMPS // PRICED & SOLD PER 10 PK

LUBEGARD

IFA PART#	DESCRIPTION
69032	LUBEGARD COMPLETE™ SYN ATF FLUID // EA (32OZ)
90031	SQUEEK RELIEF // 2 OUNCE CAN // SOLD EACH

MISCELLANEOUS

IFA PART#	DESCRIPTION
19489	9 X 12 REPAIR ORDER PROTECTORS W/EYELET
41922	9 X 12 REPAIR ORDER PROTECTORS WITH STRAP
80072	LAMINATED FLUID SAMPLE CARDS // SOLD PER PK (10)
27512VA	NVISION DEER ALERT // SOLD EACH
42-220	8.5 X 11 REPAIR ORDER PROTECTORS W/HANDLE
JPOUCH	JOEY'S CAR POUCH HOLDER
RO71-ELC	10 TEST KIT FOR RED EXTENDED LIFE COOLANT
RX70240	FLUID RX® INSTANT LUBE DIAGNOSTICS // 100 TESTS

OIL FILLER CAPS

IFA PART#	DESCRIPTION
10113	92-99 LEXUS 300 SERIES, 92-98 TOYOTA 3.0L
10120	99-08 VARIOUS DODGE, JEEP 3.7, 4.7L, 10 CHRY 3.5L

OIL FILTERS

IFA PART#	DESCRIPTION
FL820S	MOTORCRAFT OIL FILTER // SOLD EACH
FL2016OE	MOTORCRAFT OIL FILTER // SOLD EACH
FL822	MOTORCRAFT OIL FILTER // SOLD EACH
FL500SOE	MOTORCRAFT OIL FILTER // SOLD EACH
FL2051SOE	MOTORCRAFT OIL FILTER // SOLD EACH
L4615WIX	11-13 SUBARU 2.0L, 2.5L // WIX (23 PSI BY-PASS)
L6161	11-13 CHEVROLET VOLT

OIL FILTERS (CARTRIDGE)

IFA PART#	DESCRIPTION
L5247CAP	L5247 OIL FILTER CAP ASSY ONLY // NO FILTER
L5315CAP	L5315 OIL FILTER CAP ASSY ONLY // NO FILTER
L5505CAP	L5505 OIL FILTER CAP ASSY ONLY // NO FILTER
L5526ECAP	L5526 LARGE OIL CAP ASSY ONLY // NO FILTER
L5526FCAP	L5526 SMALL OIL CAP ASSY ONLY // NO FILTER
L6311CAP	L6311 OIL FILTER CAP ASSY ONLY // NO FILTER
LTOY3CAP	L5608, 5609, 5702 OIL FILTER CAP ASSY ONLY // NO FILTER
L5526WIX	03-10 FORD TRUCKS 6.0, 6.4L (WITH ATTACHED CAP) (WIX)
L5526	03-10 FORD E&F SERIES, EXCUR 6.0, 6.4L (UPDATED)
L5904	L25904 // 10-13 BMW TWIN TURBO V8 4.4L, V6 6.0L

NP9**FOR ORDERS OR QUESTIONS - TOLL FREE****PH: 1-800-872-2333 FAX: 1-800-569-6412****NEW PRODUCT****OIL FILTERS (CARTRIDGE) - CONTINUED**

IFA PART#	DESCRIPTION
L6160	12-13 SCION IQ 4 CYL 1.3L
L6162	L16162 // 12-13 FIAT 500 4CYL 1.4L, 13 DODGE DART
L6290	L36290 // 10-13 JAG, LND RVR LR4, RNG RVR V8 5.0L
L6296	2014 CHRYSLER, DODGE, JEEP V6 3.6L (PENTASTAR)
L9904	2013 MERCEDES C350, 12-13 E350, ML350, SLK350 V6

OIL FILTERS (CHAMP)

IFA PART#	DESCRIPTION
LFP2051	CHAMP OIL FILTER // 2011 F-SERIES V8 406 6.7L DSL
LP2017	CHAMP OIL FILTER // SAME AS L5515 / L5526

OIL FILTERS (METROSTREET)

IFA PART#	DESCRIPTION
M-4615	IFA METROSTREET™ IFA SUPERSTOCK™ OIL FILTER
M-7019	IFA METROSTREET™ IFA SUPERSTOCK™ OIL FILTER

OIL FILTERS (MILEGUARD)

IFA PART#	DESCRIPTION
MO2	MILEGUARD® // FORD, LINCOLN, MAZDA, MERCURY
MO5	MILEGUARD® // CHEVY, GMC, ISUZU, PONTIAC
MO8A	MILEGUARD® // CHRYSLER, FORD, DODGE
MO16	MILEGUARD® // CHRYSLER, DODGE, JEEP, PLYMOUTH
MO3387A	MILEGUARD® // GM
MO3506	MILEGUARD® // 96-07 GM
MO3600	MILEGUARD® // CHRYSLER, FORD, LINCOLN, MITS
MO3614	MILEGUARD® // CHEVY, TOY, JEEP, LEXUS, PLYM
MO3682	MILEGUARD® // INFINITI, NISSAN, SUBARU, VW
MO3786	MILEGUARD® // 94-03 FORD V8 7.3L TD
MO3950	MILEGUARD® // CHYR, MITS, DODGE, PONTIAC
MO3976	MILEGUARD® - 6 PACKS// 89-08 DODGE 6CYL 5.9L TD
MO3985	MILEGUARD® // CHEVY, DODGE, FORD, JEEP
MO4967	MILEGUARD® // 03-07 SCION, 85-08 TOYOTA
MO6607	MILEGUARD® // INFINITI, KIA, MAZDA, NISSAN, SUBR
MO8212	MILEGUARD® // ACURA
MO8316	MILEGUARD® // 98-04 FRD, 05-06 JEEP LIB
MO8873	MILEGUARD® - 6 PACKS// 99-08 CHEVY, GMC V8
MO9688	MILEGUARD® // HONDA, MITS, ACURA, HYUN, KIA
MO9837	MILEGUARD® - 6 PACKS // BUICK, CADILLAC, CHEVY, OLDS
MO10060	MILEGUARD® - 6 PACKS // 07-11 CAD,CHVY,GM,DDGE
PH5343	FRAM EXTRA GUARD SURE GRIP PH5343 // 6 PER CASE

OIL FILTERS (MOBIL 1)

IFA PART#	DESCRIPTION
M1-212	MOBIL 1 OIL FILTER SAME AS PG2500
M1-213	MOBIL 1 OIL FILTER SAME AS PG5317 / PG5522
M1-405	MOBIL 1 OIL FILTER SAME AS L6128
M1C-154	MOBIL 1 OIL FILTER SAME AS L6311
M1C-255	MOBIL 1 OIL FILTER SAME AS L5848

OIL FILTERS (PREMIUM GUARD)

IFA PART#	DESCRIPTION
PG2500	L22500 // PREMIUM GUARD // 09-13 GM, FORD

NEW PRODUCT

FOR ORDERS OR QUESTIONS - TOLL FREE

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NP10

PCV VALVES

IFA PART#	DESCRIPTION
42049	PCV GROMMET // 75-94 FORD, MERCURY (EACH)
42052	PCV GROMMET // 68 AND UP VARIOUS GM (EACH)
42058	PCV GROMMET // 74-79, 84 AND UP TOYOTA (EACH)
42311	PCV GROMMET // 89-93 GM (EACH)
42327	PCV GROMMET // 86-06 FORD, MERCURY (EACH)
47028	PCV ELBOW // 88-94 CHRYSLER (EACH)
47029	PCV ELBOW // 90-98 CHRYSLER 3.3,3.8L (EACH)
47034	PCV SYSTEM ELBOW // 76-90 GM (EACH)
47043	PCV ELBOW // 79-03 GM (EACH)
47044	PCV ELBOW // 87-91 FORD (EACH)
47054	PCV ELBOW // 85-95 GM 2.8, 3.1, 3.4L (EACH)
G/EASST	PCV GROMMET / ELBOW ASSORTMENT WITH CASE

PIK-A-NUT

IFA PART#	DESCRIPTION
304912	SPINDLE NUT KIT // M20-1.5 (PER BOX OF 2)
625090	PIK-A-NUT DEALER PACK // GRD 5 & MET FASTENERS
101-0508	SAE BOLT GRADE 5 // 5/16-24X1 (PER BOX 17)
101-0612	SAE BOLT // 3/8-24-X1-1/2 (PER BOX 10)
102-0404	CAP SCREW // 1/4 - 20X1/2 // GRADE 5 (PER BOX 34)
102-0406	CAP SCREW // 1/4 - 20X3/4 // GRADE 5 (PER BOX 30)
102-0408	CAP SCREW // 1/4 - 20X1 // GRADE 5 (PER BOX 26)
102-0412	CAP SCREW // 1/4 - 20X1 - 1/2 // GRADE 5 (PER BOX 20)
102-0416	USS BOLT GRADE 5 // 1/4-20X2 (PER BOX 16)
102-0506	CAP SCREW // 5/16 - 18X3/4 // GRADE 5 (PER BOX 20)
102-0508	CAP SCREW // 5/16 - 18X1 // GRADE 5 (PER BOX 17)
102-0512	CAP SCREW // 5/16 - 18X1 - 1/2 // GRADE 5 (PER BOX 14)
102-0516	CAP SCREW // 5/16 - 18X2 // GRADE 5 (PER BOX 10)
102-0612	CAP SCREW // 3/8 - 16X1 - 1/2 // GRADE 5 (PER BOX 10)
102-0616	CAP SCREW // 3/8 - 16X2 // GRADE 5 (PER BOX 8)
102-0620	CAP SCREW // 3/8 - 16X2 - 1/2 // GRADE 5 (PER BOX 6)
102-0624	CAP SCREW // 3/8 - 16X3 // GRADE 5 (PER BOX 5)
102-0708	CAP SCREW // 7/16 - 14X1 // GRADE 5 (PER BOX 10)
108-0600	HEX NUT SAE/FINE // 3/8-24 (PER BOX 26)
109-0400	HEX NUT USS/COARSE // 1/4-20 (PER BOX 42)
109-0600	USS HEX NUT // GRADE 5 3/8" X 9/16" (PER BOX 26)
117-0600	SPLIT LOCK WASHER // 3/8 (PER BOX 80)
117-0700	SPLIT LOCK WASHER // 7/16 // GRADE 5 (PER BOX 60)
118-0400	FLAT WASHER // 1/4 // SAE - FINE - GRD 5 (PER BOX 90)
118-0500	FLAT WASHER // 5/16 // SAE - FINE - GRD 5 (PER BX 90)
118-0600	FLAT WASHER // 3/8 // SAE - FINE (PER BOX 60)
118-0700	FLAT WASHER // 7/16 // SAE - FINE (PER BOX 50)
150-0615	METRIC BOLT STANDARD // M6 (1.00) X 16 (PER BOX 18)
150-0820	CAP SCREW // M8-1.25X20 // STANDARD CL (PER BX 12)
150-0825	CAP SCREW // M8-1.25X25 // STANDARD CL (PER BX 11)
150-0830	CAP SCREW // M8-1.25X30 // STANDARD CL (PER BX 10)
150-0840	CAP SCREW // M8-1.25X40 // STANDARD CL (PER BX 7)
150-1030	CAP SCREW // M10 - 1.50X30 // STNDRD CL (PER BOX 6)
151-0800	HEX NUT // M8 - 1.25 // STANDRD TH (PER BOX 17)
151-1000	HEX NUT // M10 - 1.50 // CLASS 8 CRSE (PER BX 15)
152-0600	SPLIT LOCK WASHER // 6MM (PER BOX 50)
152-0800	SPLIT LOCK WASHER // 8MM (PER BOX 33)
162-1025	HEX NUT // M10 - 1.25 // CLASS 8 FINE (PER BOX 9)

NP11**FOR ORDERS OR QUESTIONS - TOLL FREE****PH: 1-800-872-2333 FAX: 1-800-569-6412****NEW PRODUCT****PIK-A-NUT - CONTINUED**

IFA PART#	DESCRIPTION
166-1050	METRIC HEX NUT // M10-1.25 CLASS 8 (PER BOX 10)

PLUGS AND GASKETS

IFA PART#	DESCRIPTION
78-82	12MM X 1.25 PIGGY BACK SOS W/GASKET (EA)
DF1/2FSM	1/2" THR 3/8" DRIVE FEM SQ DIFF PLUG MAGNETIC (EA)
DP12GMRP	(25) 12MM X 1.75 GM PLUG (INSET GSKT) - SILVER
DP16S	SUBARU DRAIN PLUG // 16MM X 1.50 (2011)
DP18V	18MM X 1.50 PREM VOLVO DRAIN PLUG (W/GSKT) (EA)
DP5/8OS	5/8" SINGLE O.S. DRAIN PLUG WITH 7/8" HEX HEAD
DPFORD67	2011 FORD 6.7L 1/4 TURN DRAIN PLUG (PLASTIC)
DW16R	16MM CHEVY RUBBER DRAIN PLUG
DW16SF	16MM SUBARU FOLDOVER CRUSH GASKET (25)
DWFORD67	2011 FORD 6.7L RUBBER GASKET FOR DPFORD67

PURATECH

IFA PART#	DESCRIPTION
PTTSC	PURATECH TRANS SYSTEM CLEANER // CS OF 12 (8OZ)

RADIATOR CAPS

IFA PART#	DESCRIPTION
R51	RAD CAP (17 LBS) // 98-11 FORD, 01-11 MAZDA
R64	RAD CAP (42 LBS) // 97-12 NISSAN, INFINITI (10264)
R65	RAD CAP (18.5 LBS) // 08-11 FORD FOCUS 2.0L (10265)
R67	RAD CAP (20 LBS) // VARIOUS VEHICLES (10267)

RTI

IFA PART#	DESCRIPTION
R134M-HI	RTI R134A MACHINE FILTER - HIGH SIDE - 026-8006900
R134M-LOW	RTI R134A MACHINE FILTER - LOW SIDE - 026-8006977

SERPENTINE BELTS

IFA PART#	DESCRIPTION
35102	BELT TENSIONER // 94-99 FORD, 94-00 MAZDA 4.0L
35103	BELT TENSIONER // 99-10 VARIOUS CHEVY, GMC
35104	BELT TENSIONER // 02-07 BCK, 97-09 CHVY, OLD, PNT
35105	BELT TENSIONER // 87-05 BUICK, CHEVY, 87-03 PONT
35108	BELT TENSIONER // 87-95 CHEVY, GMC, 91-94 OLDS
35112	BELT TENSIONER // 91-02 SATURN 1.9L
35113	BELT TENSIONER // 91-00 CHRYS, DDGE, PLYMOUTH
35114	BELT TENSIONER // 92-10 FORD, 94-09 MAZDA
35116	BELT TENSIONER // 92-03 DODGE, 93-98 JEEP GR CHR
35123	BELT TENSIONER // 92-97 FORD TRUCKS, VANS
35133	BELT TENSIONER // 97-05 FRD TRK, VAN, 98-02 LINC
233K4	2003 HYUNDAI ACCENT 1.5L
273K5	SERPENTINE BELT
275K5	SERPENTINE BELT
395K6	SERPENTINE BELT
440K3	01-03 TOYOTA 1.5L
450K7	SERPENTINE BELT
460K6	99-03 ACURA, 98-04 HONDA, 04-07 SATURN
470K3	10-11 TOYOTA CAMRY 2.5L
475K4	04-06 SCION 1.5L

NEW PRODUCT

FOR ORDERS OR QUESTIONS - TOLL FREE

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NP12

SERPENTINE BELTS - CONTINUED

IFA PART#	DESCRIPTION
485K5	SERPENTINE BELT
505K4	90-96 INFINITI 4.5L
510K4	03-05 CHRYSLER PT CRUISER 4CYL 2.4L W/O AC
515K5	93-95 MAZDA 1.3L, 00-02 MITS 1.8L, 02-03 MITS 2.0L
530K4	99-04 NISSAN FRONTIER, 00-04 NISSAN XTERRA 3.3L
551K6	01-04 SEBRING, STRATUS, 05-09 ESCPE, 06-09 MRINER
578K6	SERPENTINE BELT
600K8	SERPENTINE BELT
620K4	95-98 T100, 96-02 4RUN, 95-04 TACOMA, 00-04 TUNDRA
622K7	93-95 BMW 740I, IL, 94-95 BMW 530I, 540I, 840CI (M60)
680K7	07-11 ACURA 2.3L, 02-06 ACURA 2.0L
685K7	03-06 DODGE 8.3L, 02-06 HONDA 2.4L
690K7	04-08 ACURA 2.4L, 07-09 HONDA 2.4L
695K7	SERPENTINE BELT
700K7	03-07 HONDA 2.4L
735K7	SERPENTINE BELT
750K7	09-10 PONTIAC 2.4L, 06-10 TOYOTA 2.4L
765K6	SERPENTINE BELT
778K5	SERPENTINE BELT
797K8	97-02 FORD 4.6L, 5.4L, 98-02 LINCOLN NAVIGATOR
800K6	SERPENTINE BELT
810K7	01-02 DODGE 8.0L, 07-10 INFIN 3.5L, 07-09 NISS 3.5L
835K7	95-98 LAND ROVER, 03-10 TOYOTA 4.0L
840K6	06-10 CHRYS, DODGE 2.7L, 05-08 FORD 4.6, 5.4L
875K7	SERPENTINE BELT
915K7	SERPENTINE BELT
926K6	SERPENTINE BELT
1013K7	03-09 DODGE 5.7L, 96 DODGE 8.0L
1015K6	96-02 CHEVY, GMC, 04-07 FORD, 94-99 MERCEDES
1040K7	97-01 DODGE 5.9L
1195K6	97-10 CHEVY, GMC V8 6.5L, 6.6L
1215K8	SERPENTINE BELT
SERPKIT	SERPENTINE TOOL KIT // TOOL, BOOKLET, INSTR
SK040355	STRETCH BELT // VARIOUS 08-12 GM APPLICATIONS

SHOP SUPPLIES

IFA PART#	DESCRIPTION
13106	PERMATEX LEMON LIME GREASE GRABBER // 4 LBS
14106	PERMATEX COCONUT GREASE GRABBER // 4 LBS
40110	SUDS MAKER MICROFIBER SPONGE // LINT FREE
40208	EVAPORATOR DRYING TOWEL // 3 SQ. FT. (BLUE)
71500	PERMATEX REVOLUTION HAND SOAP DISPENSER
90016	GRIP-N SPRAY HEAVY DUTY HOSE NOZZLE
90051	FIRE HOSE NOZZLE // 40 FT SPRAY W/ ON/OFF CNTRL
1014CAS	10 X 14 CUSTOM ALUMINUM SIGN
203-D	ADJUSTABLE ARM FOR E203 // SOLD EACH ARM
32CAN	RUBBERMAID BRUTE 32 GALLON TRASH CAN
3X3PN	3X3 POST IT NOTE PADS // SOLD/ PAD-100 SHEETS EA.
50ZCUP	PLASTIC CUPS // 5 OZ // PER SLEEVE OF 100 CUPS
62-222	PLASTIC KEY TAGS - WRITE ON - WHITE (1000/BOX)
62-223	PLASTIC KEY TAGS - WRITE ON - YELLOW (1000/BOX)
62-224	PLASTIC KEY TAGS - WRITE ON - RED (1000/BOX)
CAPLAMP	LED CAP LAMP // 5 LED WITH BATTERIES

NP13**FOR ORDERS OR QUESTIONS - TOLL FREE****PH: 1-800-872-2333 FAX: 1-800-569-6412****NEW PRODUCT****SHOP SUPPLIES - CONTINUED**

IFA PART#	DESCRIPTION
CFDISP	CENTER FOLD DISPENSER // METAL // 10 3/4 X 4 X 14
COVER-L	SHOE COVERS (BLUE) // LARGE // 100 COUNT (50 PR)
COVER-XL	SHOE COVERS (BLUE) // X-LRG // 100 COUNT (50 PR)
DARTCUP10	HOT / COLD STYROFOAM CUP // 10 OZ // SLD/CS 1000
E300-2	CATWALK UTILITY SHELF - 2 TIER
ENVELOPE	#10 4 1/8" X 9 1/2" SECURITY ENVELOPES / BOX/500
FLRSQ24C	24" CURVED FLOOR SQUEEGEE // HEAVY DUTY
FS-305	FREE STANDING OIL FILTER RACK - 5 TRAYS - 300+ FILTERS
GJ800D	GOJO 800ML BAG IN BOX SOAP DISPENSER // BLACK
JLFC	JIFFY LUBE FENDER COVER // BLACK WITH MAGNETS
JUG32OZ	32 OZ WHITE EMPTY JUG WITH CAP
JUG64OZ	64 OZ NATURAL (CLEAR) EMPTY JUG WITH CAP
KERODEX	KERODEX 71 BARRIER CREAM // SOLD / 4OZ TUBE
MIXJUG	5 GAL MIX JUG // W/POUR SPOUT & GRADUATIONS
NBATT	"N" BATTERY // METERING GUNS (SOLD EACH)
TMAIR	METERED AIR FRESHENER // CLEAN/FRESH // SOLD EA
TMDISP	METERED AIR FRESHENER DISPENSER // WHT-BEIGE
W2408	SMALL FLASHLIGHT // 2 AA REQUIRED (NOT INCLUDED)
WINDEX	CONCENTRATED GLASS CLEANER // 32OZ SOLD EA

SMART BLEND

IFA PART#	DESCRIPTION
3300	SMART BLEND CVT TRANS FLUID // SOLD / CS 4 (1 GAL)
5500	SYNTH TRANS ASSEMBLY LUBE (WHITE) // SOLD EA
9001	TRU-VOLT™ ELECTRONIC CLEANER 100Z // PER CAN
SB17018	HIGH MILEAGE OIL SUPP. // SOLD PER CASE OF 12

SPARK PLUGS (AUTOLITE)

IFA PART#	DESCRIPTION
XP3923	XP - AUTOLITE XTREME PERF IRIIDIUM // 4 PACK
XP5364	XP - AUTOLITE XTREME PERF IRIIDIUM // 4 PACK

SPARK PLUGS (BOSCH)

IFA PART#	DESCRIPTION
6702	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6703	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6704	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6705	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6706	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6707	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6708	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6709	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6710	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6711	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6712	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6714	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6715	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6716	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6718	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6720	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6721	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6722	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6723	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA

NEW PRODUCT

FOR ORDERS OR QUESTIONS - TOLL FREE

PH: 1-800-872-2333 FAX: 1-800-569-6412

NP14

SPARK PLUGS (BOSCH)

IFA PART#	DESCRIPTION
6724	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6725	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6726	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6727	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6728	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6729	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6730	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6731	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
6732	BOSCH FINE-WIRE PLAT SPARK PLUG 4PK/PRCD EA
9600	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA
9605	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA
9607	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA
9608	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA
9610	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA
9611	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA
9613	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA
9653	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA
9654	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA
9655	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA
9656	BOSCH IRIIDIUM SPARK PLUG 4 PACK / PRICED EA

SPECIAL

IFA PART#	DESCRIPTION
3111	NEW GENERATION WHEEL BEARING GREASE // 14OZ
3151	MULTI-PURPOSE SUPER WHITE GREASE 14OZ
09103	PERMATEX WINDSHIELD REPAIR KIT // SOLD EACH
24125	PERMATEX CERAMIC XTRM BRAKE PARTS LUBE // 8OZ
80077	PERMATEX DISC BRAKE QUIET // SOLD EA 9OZ CAN
80697	PERMATEX COPPER SPRAY-A-GASKET®
3MSPRAY	3M SPRAY TRIM ADHESIVE (CLEAR) // 16.8 OZ CAN
700-075	SPLASH CLIP NISSAN 01553-09321 (SOLD / 20 PK)
700-076	SPLASH CLIP NISSAN 01553-09241 (SOLD / 20 PK)
700-077	SPLASH CLIP TOYOTA 90467-07201 (SOLD / 20 PK)
700-078	SPLASH CLIP TOYOTA 90467-10183 (SOLD / 20 PK)
700-079	SPLASH HONDA 91512-SX0-003, 91501-S04-003 (SLD/20)
700-080	SPLASH CLIP HONDA 91503-SZ3-003 (SOLD / 20 PK)
700-081	SPLASH SHIELD RETAINER W/NUT (SOLD PER 10 PK)
700-082	SPLASH SHIELD RETAINER W/CLIP // VW (SOLD / 10 PK)
700-083	SPLASH SHIELD BOLT WITH WASHER // TOY (SLD/10PK)
700-084	TOY SPLASH SHIELD BOLT W/ WASHER (SOLD / 20PK)
700-085	NISS SPLASH SHIELD BOLT W/ WASHER (SOLD / 20PK)
700-086	SPLASH SHIELD SCREW, RETAINR, CLIP VW (SLD/10)
800-602	TRANSMISSION LINE CONNECTOR // 93-03 FORD
800-603	TRANSMISSION LINE CONNECTOR // 86-02 GM
800-604	TRANSMISSION LINE CONNECTOR // 96-03 GM
800-605	TRANS LINE CONNECTOR // 96-03 GM WITH "W" BODY
800-606	TRANSMISSION LINE CONNECTOR // 96-00 GM
800-608	TRANSMISSION LINE CONNECTOR // 82-94 FORD
DYE-MP	MULTI-PURPOSE DYE // SOLD PER CASE (6 X 1 OZ)
SUS216	FULL SYNTH GEAR OIL // 75W140 (1 QT) // SLD / CS 12
SUS217	FULL SYNTH GEAR OIL // 75W90 (1 QT) // SLD / CS 12

NP15**FOR ORDERS OR QUESTIONS - TOLL FREE****PH: 1-800-872-2333 FAX: 1-800-569-6412****NEW PRODUCT****T-TECH**

IFA PART#	DESCRIPTION
DDKNOB	KNOB VALVE (BLACK - DOUBLE D) 246-433-000
TRL100	T-TECH HOSE ASSEMBLY // RED 1/2" WITH COUPLER
TRL110	T-TECH HOSE ASSEMBLY // BLACK 1/2" WITH COUPLER
TT4WAY	4 WAY VALVE FOR T-TECH MACHINES 252-069-000
UNION12	253-304-002 // TEE UNION 1/2 X 1/2 X 1/2
VPRK	870-864-666 // VALVE PRESSURE RELEASE KIT

TOOLS

IFA PART#	DESCRIPTION
690	MILTON DUAL CHUCK HEAD // NOT FOR TIRE GAUGES
982	LINCOLN ELECTRONIC METER ASSEMBLY
2107	KD "MINI" TUBING CUTTER // 1/8" TO 5/8" OD (3 TO 16MM)
2165	SAMSON ELECTRONIC METERING HANDLE // QT
2460	PROF OF CUP WRENCH // 64MM 14 FLATS // TOY, LEX
2465	TOYOTA, LEXUS, SCION 4 IN 1 OIL CAP WRENCH
2538	RITEFIT® SWIVEL OIL FILTER WRENCH // 57-73MM
2540	RITEFIT® SWIVEL OIL FILTER WRENCH // 65-83MM
2580	6 PC COMBO WRENCH SET // 3 SAE / 3 METRIC (6 PT)
2581	COMBINATION WRENCH // 9/16" SAE (6 POINT)
2582	COMBINATION WRENCH // 5/8" SAE (6 POINT)
2583	COMBINATION WRENCH // 3/4" SAE (6 POINT)
2747	STRETCH BELT INSTALLATION TOOL (LRG)
3288	3 JAW OIL FILTER WRENCH // 2 1/2" - 3 3/4" (63.5-95MM)
3681	STRETCH BELT INSTALLATION TOOL (SM)
3684	SERPENTINE BELT GRABBER TOOL
5803	LINCOLN 2 3/4" NEEDLE NOZZLE (1/8" NPT)
5852	HYDRAULIC GREASE COUPLER 1/8" NPT
6026	HEAVY DUTY BATTERY LOAD TESTER (6 & 12 VOLT)
7201	FLUID EVACUATOR PLUS OIL EXTRACTOR // 8.8L 2.3G
8021	3/8" OIL COOLER LINE REMOVAL TOOL - PURPLE
8023	1/2" OIL COOLER LINE REMOVAL TOOL - ORANGE
00237	BATT TERM PROTECTORS (POST) // CAN OF 100 (BLK)
00319	BATT TERM PROTECTORS (SIDE) // CAN OF 100 (BLK)
01940	BATT TERM PROTECTORS // CAN OF 50 (25 RED/25 BLK)
08861	BATT TERMINAL COMBO WRENCH // 10MM & 5/16"
10630	8-IN-1 UNIVERSAL DRAIN PLUG FLIP MULTI WRENCH
10701	MULTI-PURPOSE FUNNEL (GAS, TRANS, PS, ETC.)
12422	FUEL TESTER ADAPTER // TAN
14153	TIME-SERT INSERT THREADS FOR 1415C // EA
14750	MAGNETIC TORX SCREWDRIVER SET
19802	LISLE THREADED SUPER FUNNEL // 2 PIECE FUNNEL
21300	13" MAGNETIC TOOL HOLDER
21400	24" MAGNETIC TOOL HOLDER
22012	3/8" EXTENSION DRIVE // 12"
22075	1/2" FEMALE TO 3/4" MALE INCREASE ADAPTER
23500	1/2" DRIVE UNIVERSAL JOINT
25234	1/2" IMPACT EXTENSION SET // 6" AND 12"
25412	OIL FILTER CUP WRENCH // 64MM 14 FLATS // TOY, LEX
25583	1/2" DR EXTRA-THIN WALL WHEEL / NUT SOCKET SET
32157	FLEXSPOUT FUNNEL W/CAP FOR GAL/QT/PINT BOTTLES
32257	CLIP-ON SPOUT FOR GALLON & QUART BOTTLES
32900	4 QUART DRUM FUNNEL WITH SCREEN
34900	WATER SNSR WRENCH 6.6L DURAMAX DSL OE 2012 ON

NEW PRODUCT

FOR ORDERS OR QUESTIONS - TOLL FREE

PH: 1-800-872-2333 FAX: 1-800-569-6412

NP16

TOOLS - CONTINUED

IFA PART#	DESCRIPTION
34910	WATER SNSR WRENCH 6.6L DURAMAX 01-11 AFTRMRKT
52750	COMBO STETHOSCOPE SET
54300	SWIVEL GRIP WRENCH 5 1/4" - 5 3/4" - FOR HD
58000	LINCOLN LUBE ACCESSORY QUICK CONNECT KIT (7 PC)
60402	TIRE INFLATOR WITH LED LIGHT
63424	3/4" 6-POINT FRACTIONAL COMBINATION WRENCH
68053	8-IN-1 MULTI WRENCH SET (METRIC AND SAE)
69000	LISLE DUAL DRIVE STUBBY HEX SCKTS 10,12,14,17MM
72300	PROP'R MEASURE CNTNR // 16OZ (1 - 6 OZ POUR)
82251	16 OZ BALL PEIN HAMMER - FIBERGLASS
84799	LINCOLN SEMI-AUTOMATIC NON-DRIP NOZZLE
85052	MICROMETER TORQUE WRENCH // 10-100 FT LBS
85622	LINCOLN 1/2" DOUBLE DIAPHRAGM PUMP
85799	LINCOLN SEMI-AUTOMATIC NON-DRIP NOZZLE
026400	10 PC. OIL AND FUEL FILTER SERVICE KIT
394001	IRWIN BOLT-GRIP 5 PC SET WITH CASE
13-322	RADIAL TIRE PATCHES // 3 X 6 3/4" // SOLD / BOX OF 10
14-140	RADIAL TIRE PATCHES // ROUND 4 1/8" // SLD/BX 10
030-475	GREASE FITTINGS TECH TRAY KIT
10716WR	TIGHT SPOT FUNNEL (FLEXIBLE)
1415C	TIME-SERT FOR HONDA / ACRA OIL DRN PAN (ALUM)
5MMHEX	5MM MALE HEX BIT SOCKET // 1/4" DRIVE
609-130	TPMS GREY PLASTIC SEAL VALVE CAPS // SLD / BX (50)
8GALDOW	PORTABLE OIL DRAIN // 8 GALLON // 48" TO 67" TALL
8MMHEX	8MM MALE HEX BIT SOCKET // 3/8" DRIVE
800-050	FUEL LINE REPAIR KIT - 5/16" NYLON (180 DEGREE)
800-121	STEEL BODY FUEL LINE CONNECTOR // 3/8"
800-502	MINI PIPE CUTTER FOR 800-500 FUEL LINE REPAIR KIT
917-008	OIL LEVEL DIPSTICK // 00-06 NISSAN SENTRA
917-300	OIL LEVEL DIPSTICK // 98-09 BUICK, CHEVY, PONTIAC
917-301	TRANS LEVEL DIPSTICK // 03-05 CHEVY, GMC
917-302	OIL LEVEL DIPSTICK // 95-00 CHEVY, GMC
917-310	OIL DIPSTICK // 03-05 FORD F250-F550 6.0L, EXCURSION
917-311	OIL DIPSTICK // 05-10 FORD E-350 6.0L, 05-07 E450
917-312	OIL LEVEL DIPSTICK // 00-04 FORD FOCUS
917-320	OIL LEVEL DIPSTICK // 06-10 DODGE, CHRYSLER V6
917-321	OIL DIPSTICK // 96-06 VARIOUS MERCEDES-BENZ
917-322	OIL LEVEL DIPSTICK // 08-10 DODGE CHALLENGER V8
917-323	OIL DIPSTICK // 05-10 CHRYS, DODGE RWD 3.5L
917-324	OIL DIPSTICK // 05-08 300, MGNM, 06-08 CHRGR RWD
917-325	OIL DIPSTICK // 05-10 300, 07-10 CHRGR, 05-08 MGNM AWD
917-326	OIL DIPSTICK // 06-10 300, CHARGR, 06-08 MGNM V6
917-330	OIL LEVEL DIPSTICK // 96-00 HONDA CIVIC
917-331	OIL LEVEL DIPSTICK // 01-05 HONDA CIVIC 1.7L
917-340	OIL LEVEL DIPSTICK // 95-97 MX-6, 95-02 626, MILLENIA
917-341	OIL DIPSTICK // 93-96 MX-6, 99-03 PROTEGE, 93-02 626
917-350	OIL LEVEL DIPSTICK // 99-06 VARIOUS VW, AUDI
917-351	OIL LEVEL DIPSTICK // 02-05 AUDI A4, 03-05 VW PASSAT
917-352	OIL LEVEL DIPSTICK // 99-11 VARIOUS VW, AUDI
917-354	DIPSTICK TUBE / 99-00 AUDI A4, 00-01 VW PASSAT 1.8L
917-355	DIPSTICK TUBE / 99-06 TT, 00-06 GOLF, 00-05 BTL, JTTA
917-356	DIPSTICK TUBE / 01-06 AUDI A4, 00-05 VW PASSAT 1.8L
917-363	OIL DIPSTICK // 08-10 FORD F250, F350, F450, F550 6.4L

NP17**FOR ORDERS OR QUESTIONS - TOLL FREE****PH: 1-800-872-2333 FAX: 1-800-569-6412****NEW PRODUCT****TOOLS - CONTINUED**

IFA PART#	DESCRIPTION
AFHSW	AIR FILTER HOUSING SPEEDER WRENCH
AHRED50	50' RED MULTI-PURPOSE AIR HOSE // 3/8" ID
BOB	BOB OIL DRAINING SYSTEM // FUNNEL + STAND
CFHSW	CABIN FILTER HOUSING SPEEDER WRENCH
COBRA10	COBRA PLIERS // SELF LOCKING // 10" LONG
DOW6EV-3	SUCTION HOSE ASSEMBLY FOR EV6GAL
DRUMWR	DRUM PLUG WRENCH
EZRHS34	158 PIECE HEAT SHRINK SET WITH CASE
G401	LINCOLN GUARDIAN LEVER ACTION BARREL PUMP
GATOR-L	GATOR GRIP UNIV SOCKET // 11MM TO 32MM (1/2" DR)
GATOR-SM	GATOR GRIP UNIV SOCKET // 7MM TO 19MM (3/8" DR)
HC14X1.5	14MM X 1.5 HELICOIL THREAD INSERTS // 6 PK
JLTTB	JL TOOL BELT // 8 POCKETS // 50" WAIST (BLACK-EMPTY)
JLTBPLUS	JL TOOL BELT // 8 POCKETS // WITH 10 ITEMS (BLACK)
LTI135	TWO PIECE EASY ACCESS DOOR UNLOCKING KIT
OFFM2012	FORD / MAZDA OIL FUNNEL
OTC3108	POCKETSCAN® OBDII CODE READER
OTC5911	DRAIN PLUG PRO™ // MAGNETIC PLUG REMOVER
OTC6904	OE STYLE HYUNDAI/KIA OIL FILTER SOCKET // 88.5MM
OTC6905	OE STYLE SUBARU OIL FILTER SOCKET // 66.5MM
ROLOC80	3M BRISTLE DISC (YELLOW) // 80 GRD 2" // SLD/BX OF 10
SK16MDP8	16MM 3/8" DR. METRIC SOCKET // DEEP // SOLD EA
SP104	WINDSHIELD WSHR ANTI-FREEZE HYDROMETER
SPRAYER	RECHARGEABLE SPRAYER // 32OZ
STN12552	METAL TESTER ADAPTER FOR T270 KIT
TBPLUS	TOOL BELT // 8 POCKETS WITH 12 ITEMS (BLACK)
TFSY10	10MM IRWIN TWIST SOCKET // 53904
TOOLBELT	TOOL BELT // 8 POCKETS // 50" WAIST (BLACK-EMPTY)
TOY4CYL	TOYOTA OIL FILTER HOUSING WRENCH // 4CYL
TOY68CYL	TOYOTA O/F HOUSING WRENCH // 6 & 8CYL
TR413	1" SNAP-IN TIRE VALVE STEMS // PRICED EACH
W1254	MAGNETIC RETRIEVER TOOL // 3.5 LB
W1657C	DIAL TYPE BATTERY TESTER

TRANSMISSION KITS

IFA PART#	DESCRIPTION
FT180	SUMP FILTER // FRD SUPER DUTY 08-10 (F), 08-12 (E)
FT188	FORD TRANSMISSION SCREEN ASSEMBLY
FT1238	07-13 CAD, CHVY, GMC, H2, NPR, PONT G8 // 18 BOLT
P1317	09-12 FORD F150 // 21 BOLT
P1318	06-10 H3, 04-07 COLORADO, GMC CANYON // 16 BOLT

TX7

IFA PART#	DESCRIPTION
TX7	TX7 ENGINE TREATMENT // PER CASE OF 12
TX7-ATT	TX7 AUTO TRANSMISSION TREATMENT // PER CS 12
TX7-PST	TX7 POWER STEERING TREATMENT // PER CS 12

WING NUTS

IFA PART#	DESCRIPTION
16-47	TOP RETAINER CLIP FOR 85-01 FORD
16-48	BOTTOM RETAINER CLIP FOR 85-01 FORD
16-50	SILVER RETAINER CLIP FOR 85-01 FORD

NEW PRODUCT

FOR ORDERS OR QUESTIONS - TOLL FREE

PH: 1-800-872-2333 FAX: 1-800-569-6412

NP18

WIPER BLADES (AUTOTEX)

IFA PART#	DESCRIPTION
PINK10	10" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-610
PINK11	11" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-611
PINK13	13" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-613
PINK14	14" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-614
PINK15	15" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-615
PINK16	16" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-616
PINK17	17" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-617
PINK18	18" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-618
PINK19	19" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-619
PINK20	20" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-620
PINK21	21" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-621
PINK22	22" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-622
PINK24	24" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-624
PINK26	26" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-626
PINK28	28" "PINK" BLACK METAL WPR BLADE // 6/CS // AP-628
PINKB15	15" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-015
PINKB16	16" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-016
PINKB17	17" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-017
PINKB18	18" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-018
PINKB19	19" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-019
PINKB20	20" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-020
PINKB21	21" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-021
PINKB22	22" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-022
PINKB24	24" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-024
PINKB26	26" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-026
PINKB28	28" "PINK" BLACK BEAM WPR BLADE // 6/CS // AP-028
PINKP14	14" "PINK" PINK METAL WPR BLADE // 6/CS // AP-P14
PINKP16	16" "PINK" PINK METAL WPR BLADE // 6/CS // AP-P16
PINKP18	18" "PINK" PINK METAL WPR BLADE // 6/CS // AP-P18
PINKP20	20" "PINK" PINK METAL WPR BLADE // 6/CS // AP-P20
PINKP22	22" "PINK" PINK METAL WPR BLADE // 6/CS // AP-P22
PINKP24	24" "PINK" PINK METAL WPR BLADE // 6/CS // AP-P24
PINKP26	26" "PINK" PINK METAL WPR BLADE // 6/CS // AP-P26
PINKPB18	18" "PINK" PINK BEAM WPR BLADE // 6/CS // AP-PF18
PINKPB20	20" "PINK" PINK BEAM WPR BLADE // 6/CS // AP-PF20
PINKPB22	22" "PINK" PINK BEAM WPR BLADE // 6/CS // AP-PF22
PINKPB24	24" "PINK" PINK BEAM WPR BLADE // 6/CS // AP-PF24
PINKPB26	26" "PINK" PINK BEAM WPR BLADE // 6/CS // AP-PF26
PINKRACK	14 FINGER PINK WIPER RACK KIT // MKT14F

WIPER BLADES (BOSCH)

IFA PART#	DESCRIPTION
40710A	10" BOSCH MICRO EDGE WIPER BLADES

WIPER BLADES (MILEGUARD)

IFA PART#	DESCRIPTION
MG11	11" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG13	13" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG14	14" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG15	15" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG16	16" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG17	17" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG18	18" MILEGUARD METAL WIPER BLADES // 10 PER CS

NP19**FOR ORDERS OR QUESTIONS - TOLL FREE****PH: 1-800-872-2333 FAX: 1-800-569-6412****NEW PRODUCT****WIPER BLADES (MILEGUARD) - CONTINUED**

IFA PART#	DESCRIPTION
MG19	19" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG20	20" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG21	21" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG22	22" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG24	24" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG26	26" MILEGUARD METAL WIPER BLADES // 10 PER CS
MG28	28" MILEGUARD METAL WIPER BLADES // 10 PER CS
MGB16	16" MILEGUARD BEAM WIPER BLADES // 6 PER CS
MGB17	17" MILEGUARD BEAM WIPER BLADES // 6 PER CS
MGB18	18" MILEGUARD BEAM WIPER BLADES // 6 PER CS
MGB19	19" MILEGUARD BEAM WIPER BLADES // 6 PER CS
MGB20	20" MILEGUARD BEAM WIPER BLADES // 6 PER CS
MGB21	21" MILEGUARD BEAM WIPER BLADES // 6 PER CS
MGB22	22" MILEGUARD BEAM WIPER BLADES // 6 PER CS
MGB24	24" MILEGUARD BEAM WIPER BLADES // 6 PER CS
MGB26	26" MILEGUARD BEAM WIPER BLADES // 6 PER CS
MGB28	28" MILEGUARD BEAM WIPER BLADES // 6 PER CS

WIPER BLADES (PREMIUM VISION)

IFA PART#	DESCRIPTION
OE16	PV 16" ELEMENT BEAM WIPER BLADES (6 / CS)
OE17	PV 17" ELEMENT BEAM WIPER BLADES (6 / CS)
OE18	PV 18" ELEMENT BEAM WIPER BLADES (6 / CS)
OE19	PV 19" ELEMENT BEAM WIPER BLADES (6 / CS)
OE20	PV 20" ELEMENT BEAM WIPER BLADES (6 / CS)
OE21	PV 21" ELEMENT BEAM WIPER BLADES (6 / CS)
OE22	PV 22" ELEMENT BEAM WIPER BLADES (6 / CS)
OE24	PV 24" ELEMENT BEAM WIPER BLADES (6 / CS)
OE26	PV 26" ELEMENT BEAM WIPER BLADES (6 / CS)
OE28	PV 28" ELEMENT BEAM WIPER BLADES (6 / CS)