



SERIES (A)

Complete Problem Solving Automotive Hardware

Fuel, Brake, Transmission & Coolant Repair Hardware



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Sales Representative:

Order Desk: 800-651-7445 Fax : 905-335-1829
info@fmsiinc.com www.fmsiinc.com



FMSI AUTOMOTIVE HARDWARE BRAKE LINES

3/16" BRAKE LINE (UNION 3002)

CUPRO NICKEL	POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	ARMORED ZINC	STANDARD ZINC	DESCRIPTION
CN308	PVF308	P308	K308A	K308	3/16" x 8" Brake Line
CN312	PVF312	P312	K312A	K312	3/16" x 12" Brake Line
CN320	PVF320	P320	K320A	K320	3/16" x 20" Brake Line
CN330	PVF330	P330	K330A	K330	3/16" x 30" Brake Line
CN340	PVF340	P340	K340A	K340	3/16" x 40" Brake Line
CN351	PVF351	P351	K351A	K351	3/16" x 51" Brake Line
CN360	PVF360	P360	K360A	K360	3/16" x 60" Brake Line
CN372	PVF372	P372	K372A	K372	3/16" x 72" Brake Line

JAPANESE BRAKE LINE (UNION 3059)

CUPRO NICKEL	POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	ARMORED ZINC	STANDARD ZINC	DESCRIPTION
CNKM8	PVFKM8	PKM8	KM8A	KM8	Japanese 8"
CNKM12	PVFKM12	PKM12	KM12A	KM12	Japanese 12"
CNKM20	PVFKM20	PKM20	KM20A	KM20	Japanese 20 "
CNKM30	PVFKM30	PKM30	KM30A	KM30	Japanese 30"
CNKM40	PVFKM40	PKM40	KM40A	KM40	Japanese 40"
CNKM51	PVFKM51	PKM51	KM51A	KM51	Japanese 51"
CNKM60	PVFKM60	PKM60	KM60A	KM60	Japanese 60"
CNKM72	PVFKM72	PKM72	KM72A	KM72	Japanese 72"

1/4" BRAKE LINE (UNION 3005)

CUPRO NICKEL	POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	ARMORED ZINC	STANDARD ZINC	DESCRIPTION
CN408	PVF408	P408	K408A	K408	1/4" x 8" Brake Line
CN412	PVF412	P412	K412A	K412	1/4" x 12" Brake Line
CN420	PVF420	P420	K420A	K420	1/4" x 20" Brake Line
CN430	PVF430	P430	K430A	K430	1/4" x 30" Brake Line
CN440	PVF440	P440	K440A	K440	1/4" x 40" Brake Line
CN451	PVF451	P451	K451A	K451	1/4" x 51" Brake Line
CN460	PVF460	P460	K460A	K460	1/4" x 60" Brake Line
CN472	PVF472	P472	K472A	K472	1/4" x 72" Brake Line

TOYOTA/GM LONG NUT BRAKE LINE (UNION 3059)

CUPRO NICKEL	POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	STANDARD ZINC	DESCRIPTION
-	PVFKGM8	PKG8	KGM8	Toyota/GM 8"
-	PVFKGM12	PKG12	KGM12	Toyota/GM 12"
-	PVFKGM20	PKG20	KGM20	Toyota/GM 20 "
-	PVFKGM30	PKG30	KGM30	Toyota/GM 30"
-	PVFKGM40	PKG40	KGM40	Toyota/GM 40"
-	PVFKGM51	PKG51	KGM51	Toyota/GM 51"
-	PVFKGM60	PKG60	KGM60	Toyota/GM 60"
-	PVFKGM72	PKG72	KGM72	Toyota/GM 72"

5/16" STEEL LINE (UNION 3007)

CUPRO NICKEL	POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	ARMORED ZINC	STANDARD ZINC	DESCRIPTION
-	PVF508	P508	K508A	K508	5/16" x 8" Steel Line
-	PVF512	P512	K512A	K512	5/16" x 12" Steel Line
-	PVF520	P520	K520A	K520	5/16" x 20" Steel Line
-	PVF530	P530	K530A	K530	5/16" x 30" Steel Line
-	PVF540	P540	K540A	K540	5/16" x 40" Steel Line
-	-	P548	-	-	5/16" x 48" Steel Line
-	PVF551	P551	K551A	K551	5/16" x 51" Steel Line
-	-	P555	-	-	5/16" x 55" Steel Line
-	PVF560	P560	K560A	K560	5/16" x 60" Steel Line
-	PVF572	P572	K572A	K572	5/16" x 72" Steel Line

BRITISH / US THREAD BRAKE LINE (UNION 3047)

CUPRO NICKEL	POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	STANDARD ZINC	DESCRIPTION
-	PVFKB8	PKB8	KB8	British 8"
-	PVFKB12	PKB12	KB12	British 12"
-	PVFKB20	PKB20	KB20	British 20 "
-	PVFKB30	PKB30	KB30	British 30"
-	PVFKB40	PKB40	KB40	British 40"
-	PVFKB51	PKB51	KB51	British 51"
-	PVFKB60	PKB60	KB60	British 60"
-	PVFKB72	PKB72	KB72	British 72"

3/8" STEEL LINE (UNION 3018)

CUPRO NICKEL	POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	ARMORED ZINC	STANDARD ZINC	DESCRIPTION
-	PVF608	P608	K608A	K608	3/8" x 8" Steel Line
-	PVF612	P612	K612A	K612	3/8" x 12" Steel Line
-	PVF620	P620	K620A	K620	3/8" x 20" Steel Line
-	PVF630	P630	K630A	K630	3/8" x 30" Steel Line
-	PVF640	P640	K640A	K640	3/8" x 40" Steel Line
-	PVF651	P651	K651A	K651	3/8" x 51" Steel Line
-	PVF660	P660	K660A	K660	3/8" x 60" Steel Line
-	PVF672	P672	K672A	K672	3/8" x 72" Steel Line

SIX MILLIMETER BRAKE LINE (UNION 4238)

CUPRO NICKEL	POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	STANDARD ZINC	DESCRIPTION
-	PVF61208	P61208	61208	6mm x 8"
-	PVF61212	P61212	61212	6mm x 12"
-	PVF61220	P61220	61220	6mm x 20 "
-	PVF61230	P61230	61230	6mm x 30"
-	PVF61240	P61240	61240	6mm x 40"
-	PVF61251	P61251	61251	6mm x 51"
-	PVF61260	P61260	61260	6mm x 60"
-	PVF61272	P61272	61272	6mm x 72"

EUROPEAN & DOMESTIC BRAKE LINE (UNION 3044)

CUPRO NICKEL	POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	ARMORED ZINC	STANDARD ZINC	DESCRIPTION
CNKMB8	PVFKMB8	PKMB8	KMB8A	KMB8	European/Domestic 8"
CNKMB12	PVFKMB12	PKMB12	KMB12A	KMB12	European/Domestic 12"
CNKMB20	PVFKMB20	PKMB20	KMB20A	KMB20	European/Domestic 20 "
CNKMB30	PVFKMB30	PKMB30	KMB30A	KMB30	European/Domestic 30"
CNKMB40	PVFKMB40	PKMB40	KMB40A	KMB40	European/Domestic 40"
CNKMB51	PVFKMB51	PKMB51	KMB51A	KMB51	European/Domestic 51"
CNKMB60	PVFKMB60	PKMB60	KMB60A	KMB60	European/Domestic 60"
CNKMB72	PVFKMB72	PKMB72	KMB72A	KMB72	European/Domestic 72"

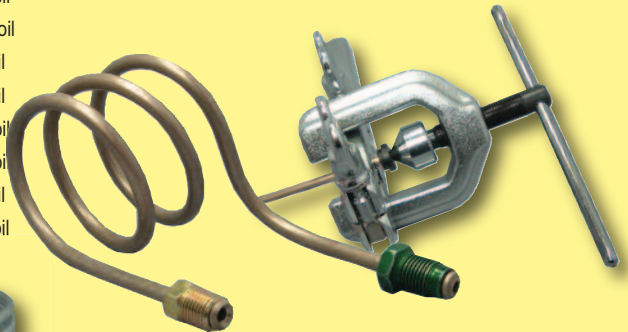
GM LONG NUT BRAKE LINE (UNION 3044)

POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	STANDARD ZINC	DESCRIPTION
PVFXL8	PXL8	-	GM Long Nut 8"
PVFXL12	PXL12	-	GM Long Nut 12"
PVFXL20	PXL20	-	GM Long Nut 20 "
PVFXL30	PXL30	-	GM Long Nut 30"
PVFXL40	PXL40	-	GM Long Nut 40"
PVFXL51	PXL51	-	GM Long Nut 51"
PVFXL60	PXL60	-	GM Long Nut 60"
PVFXL72	PXL72	-	GM Long Nut 72"

CUPRO NICKEL	POLY VINYL FLUORIDE	PASSIVATED GREEN COAT	STANDARD ZINC	DESCRIPTION
CN3	PVF3	P3	C3	3/16" x 25' Brake Line Coil
CN3-50	PVF3-50	P3-50	C3-50	3/16" x 50' Brake Line Coil
CN3-100	PVF3-100	P3-100	C3-100	3/16" x 100' Brake Line Coil
CN4	PVF4	P4	C4	1/4" x 25' Brake Line Coil
CN4-50	PVF4-50	P4-50	C4-50	1/4" x 50' Brake Line Coil
CN4-100	PVF4-100	P4-100	C4-100	1/4" x 100' Brake Line Coil
CN5	PVF5	P5	C5	5/16" x 25' Brake Line Coil
CN6	PVF6	P6	C6	3/8" x 25' Brake Line Coil
-	-	-	C7	6mm x 25' Brake Line Coil



EASY BEND & FLARE



CREATE CUSTOM BRAKE LINES
LIKE THIS BY HAND!

BENDING, CUTTING & FLARING TOOLS

Part #
5407 LARGE RATCHETING TUBE CUTTER
1/4" - 7/8" (6-23MM)



REPLACEMENT CUTTING WHEELS
AVAILABLE IN PACKS OF 10.

Part #
5410



USED WITH PART # 5407, 5408

Part #
5409



USED WITH PART # 5407, 5408

TUBE CUTTING TOOL, FOR STEEL,
COPPER, ALUMINUM AND STAINLESS STEEL

Part #
5408

TELESCOPIC TUBE CUTTER AND
REAMER 1/8" - 1-1/8"



Part #
5406 SMALL RATCHETING TUBE CUTTER
1/8" - 1/2" OD



HEAVY DUTY BRAKE LINE TUBE BENDER
(3/16" 1/4", 6MM)

Part # 5400



SWAGE TOOL
3/16" - 1/4" - 5/16"
3/8" - 1/2" - 5/8"
INCREASE TUBE INSIDE DIAMETER FOR
SOLDERING OR WELDING

Part # 5416

INCLUDES TWO GROOVED ROLLERS
3/16" - 1/4" & 5/16" - 3/8"



DESCRIPTION
HEAVY DUTY TUBE BENDER ADAPTS TO MAKE EVEN THE MOST
DIFFICULT BENDS SIMPLE AND EASY
(3/16" 1/4", 5/16" & 3/8") * (6MM, 8MM, 10MM)

Part #
71475 HYDRAULIC FLARING TOOL



REPLACEMENT PIECES AVAILABLE SEPARATELY

HYDRAULIC TOOL REPAIR KIT
REPAIRS 71475 & 71500

Part #
71500RK

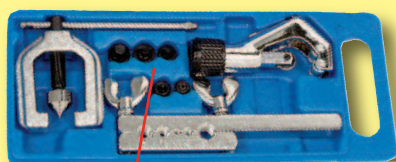


HAND BENDER COMPLETE WITH ALUMINUM GUIDES FOR
12MM, 16MM, 22MM O.D. COPPER AND ALUMINUM TUBING .
BENDS 1/2" - 5/8" - 3/4" - 7/8" 12MM - 15MM - 16MM - 22MM

Part #
5417



Part # 5403



HARDENED DOUBLE (STANDARD)
MANUAL FLARING TOOL



3/8" 5420 5/16" 5419 1/4" 5418 3/16" 5412

REPLACEMENT ADAPTERS
AVAILABLE SEPARATELY

Part # 5405

METRIC HARDENED
BUBBLE FLARING TOOL



TUBE SWAGE 5425 4.75MM 5421 6MM 5422 8MM 5423 10MM 5424

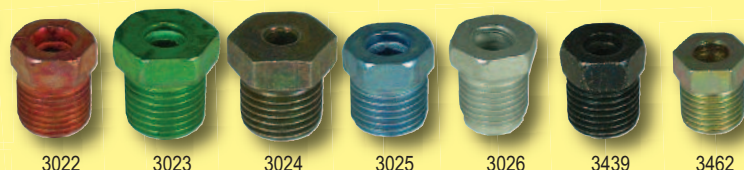
METRIC & IMPERIAL BUBBLE FLARE TUBE NUTS



PART #	TUBE SIZE	THREAD DIAMETER	THREADS PER INCH
3028	3/16"	10MM	1.0 EUROPEAN AND DOMESTIC (OLIVE)
3040	3/16"	11MM	1.5 DOMESTIC (ORANGE/ GREY)
3041	3/16"	12MM	1.0 DOMESTIC (BLUE)
3042	3/16"	13MM	1.5 DOMESTIC (GREEN)
3410	3/16"	3/8"	24 T.P.I US BRITISH THREAD (RED)
3411	3/16"	10MM	1.0 LONG TUBE NUT (YELLOW)
3413	1/4"	12MM	1.0 FORD AND IMPORTS (OLIVE)
3414	3/16"	10MM	1.0 VOLKSWAGEN AND AUDI (VIOLET)
3420	3/16"	10MM	1.0 FORD (GOLD)
3426	3/16"	12MM	1.25 (OLIVE)
3433	1/4"	12MM	1.25 (GOLD)
3447	1/4"	12MM	1.75 (YELLOW)
3463	3/16"	10MM	1.0 (GREY)
3470	3/16"	10MM	1.25 (SILVER)
3477	3/16"	11MM	1.0 (RED)
3490	1/4"	11MM	1.0 (RED)



OVERSIZE STEEL TUBE NUTS



PART #	TUBE SIZE	THREAD DIAMETER	THREADS PER INCH
3022	3/16"	7/16"	24 T.P.I (RED)
3023	3/16"	1/2"	20 T.P.I (GREEN)
3024	3/16"	9/16"	18 T.P.I (OLIVE/GOLD)
3025	1/4"	9/16"	18 T.P.I (BLUE)
3026	1/4"	1/2"	20 T.P.I (GOLD)
3439	3/16"	1/2"	20 T.P.I (BLACK)
3462	1/4"	9/16"	18 BUBBLE FLARE (YELLOW)

STANDARD STEEL TUBE NUT INVERT FLARE

PART #	TUBE SIZE	THREAD DIAMETER	THREADS PER INCH
3000	3/16"	3/8"	24 T.P.I
3003	1/4"	7/16"	24 T.P.I
3006	5/16"	1/2"	20 T.P.I
3015	3/8"	5/8"	18 T.P.I
3016	1/2"	3/4"	18 T.P.I
3415	1/4"	7/16" 9/16" HEX	24 T.P.I
3424	3/16"	3/8" 7/16" HEX	24 T.P.I
3441	3/16"	3/8" 9/16" HEX	24 T.P.I



LONG STEEL TUBE NUTS

PART #	TUBE SIZE	THREAD DIAMETER	THREAD PITCH
3001	3/16"	3/8"	24 T.P.I
3004	1/4"	7/16"	24 T.P.I
3442	3/8"	5/8"	18 T.P.I



FEMALE TUBE NUTS

PART #	TUBE SIZE	THREAD DIAMETER	THREAD PITCH
3428	3/16"	3/8"	24 T.P.I
3429	1/4"	7/16"	20 T.P.I
3430	5/16"	1/2"	20 T.P.I
3431	3/8"	5/8"	18 T.P.I
3432	1/2"	3/4"	18 T.P.I
3489	5/16"	1/2"	20 T.P.I STEEL



METRIC 6MM BUBBLE FLARE TUBE NUTS



PART #	TUBE SIZE	THREAD DIAMETER	THREAD PITCH
3421	6MM	12MM	1.0 (OLIVE)
3422	6MM	12MM	1.5 (OLIVE)
3423	6MM	14MM	1.5 (BLACK)

STEEL TUBING ARMOR

PROTECT BRAKE LINES, FUEL LINES AND TRANSMISSION LINES FROM ROAD DAMAGE

8 FOOT LENGTHS

K396	3/16" x 96"
K496	1/4" x 96"
K596	5/16" x 96"
K696	3/8" x 96"



METRIC INVERT FLARE TUBE NUTS



PART #	TUBE SIZE	THREAD DIAMETER	THREAD PITCH
3043	3/16"	10MM	1.0 JAPANESE (BLUE)
3411	3/16"	10MM	1.0 JAPANESE (GOLD) 12MM HEX LONG
3413	1/4"	12MM	1.0 FORD AND IMPORTS (BLACK)
3417	3/16"	10MM	1.0 TOYOTA AND GM (BLUE) LONG
3449	3/16"	10MM	1.0 (YELLOW)

STEEL & NYLON TUBING RETAINER CLIPS

TUBING CLIP ASSORTMENT # 0477 (38 PIECES)



PART # 3501
1 SLOT 1/4"
BRAKE LINE CLIP

PART # 3502
5 SLOT 2x3/16"
2 x 5/16" - 3/8"

PART # 3503
4 SLOT 1/4" - 2 x 5/16" - 3/8"

PART # 3504
1 SLOT 3/16"
BRAKE LINE CLIP

PART # 3506
2 SLOT 3/16" BRAKE LINE CLIP

PART # 3507
4 SLOT 1/4"
2 x 5/16" - 3/8"

PART # 3508
4 SLOT 2 x 1/4"
2 x 5/16"

METRIC BRAKE LINE ADAPTER



INVERT & BUBBLE FLARE

Part	Tube Size	Male Thread	
3039	3/16"	10mm x 1.0	Bubble
3045	3/16"	10mm x 1.0	Invert
3250	3/16"	10mm x 1.25	Bubble
3251	3/16"	13mm x 1.5	Bubble
3252	3/16"	12mm x 1.0	Bubble
3253	3/16"	11mm x 1.5	Bubble
3254	3/16" (10mm Bubble) x 1.25	13mm x 1.5	Bubble
3255	3/16"	3/8" - 24	Bubble
3473	10mm Invert (Female)	11mm x 1.5	Bubble
3474	10mm x 1.0 (Bubble Female)	12mm x 1.0	Bubble
3475	3/16" (Invert) x 24	13mm x 1.5	Bubble

BRASS BRAKE LINE ADAPTERS

MASTER CYLINDER



PART #	TUBE SIZE INVERT FEMALE	TUBE SIZE MALE	MALE THREAD	THREADS PER INCH
3029	1/4"	1/4"	7/16"	20 T.P.I
3230	3/16"	5/16"	1/2"	20 T.P.I
3231	3/16"	3/8"	9/16"	20 T.P.I
3232	3/16"	1/4"	7/16"	24 T.P.I
3233	1/4"	5/16"	1/2"	20 T.P.I
3235	1/4"	3/16"	3/8"	24 T.P.I
3236	1/4"	3/8"	9/16"	18 T.P.I
3237	3/16"	3/8"	9/16"	18 T.P.I
3418	5/16"	3/8"	5/8"	18 T.P.I
3419	3/8"	5/16"	1/2"	20 T.P.I

TUBE TO PIPE ADAPTERS



PART #	TUBE SIZE	DESCRIPTION
3481	3/16"	1/8" PIPE ADAPTER
3482	1/4"	1/8" PIPE ADAPTER
3483	1/4"	1/4" PIPE ADAPTER
3484	5/16"	1/8" PIPE ADAPTER
3485	5/16"	1/4" PIPE ADAPTER
3486	3/8"	1/4" PIPE ADAPTER

UNION TEES



PART #	DESCRIPTION
3471	3/16" UNION TEE
3472	1/4" UNION TEE
3476	3/16" UNION TEE WITH MOUNTING BRACKET



FLEX LINE RETAINER CLIP



8" MASTER CYLINDER ADAPTER LINES

PART #	TUBE	THREAD 1 STANDARD NUT	THREAD 2 OVERSIZED NUT	Hex/COLOUR
913-001	1/4"	7/16"	7/16"	9/16" GOLD
913-002	3/16"	3/8" - 24	7/16"	7/16" RED
913-003	3/16"	3/8" - 24	1/2"	1/2" BLACK
913-004	3/16"	3/8" - 24	1/2"	9/16" GREEN
913-005	1/4"	7/16" - 24	9/16"	9/16" BLUE
913-006	3/16"	3/8" - 24	9/16"	5/8" OLIVE
3026416	1/4" INVERT	7/16" - 24	1/2"	1/2" GOLD
30283040	3/16"	10mm x 1.0	11mm x 1.0 BUBBLE	12MM ORANGE
30283041	3/16"	10mm x 1.0	12mm x 1.0 BUBBLE	14MM BLUE
30283042	3/16"	10mm x 1.0	13mm x 1.5 BUBBLE	14MM GREEN
3040316	3/16"	3/8" - 24	11mm x 1.5 BUBBLE	12MM ORANGE
3041316	3/16"	3/8" - 24	12mm x 1.0 BUBBLE	14MM BLUE
3042316	3/16"	3/8" - 24	13mm x 1.5 BUBBLE	14MM GREEN
3043316	3/16"	3/8" - 24	10mm x 1.0 INVERT	10MM BLUE
3413416	1/4"	7/16" - 24	12mm x 1.0 BUBBLE	13MM OLIVE
3447416	1/4"	7/16" - 24	9/16"-18 LONG	5/8" SILVER
3462416	1/4"	7/16" - 24	12mm x 1.75 BUBBLE	13MM GOLD

6MM MASTER CYLINDER ADAPTER LINES

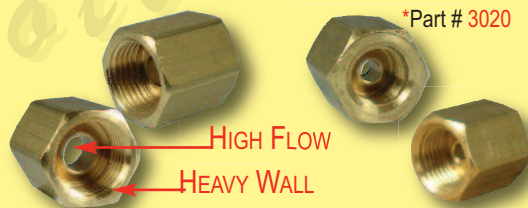
60812	6MM	12MM x 1.0	12MM x 1.5	OLIVE
60814	6MM	12MM x 1.0	14MM x 1.5	BLACK

FEMALE BRAKE REPAIR LINE SPLICE

Repair Brake Lines without using unions

PART #	DESCRIPTION
PF308	3/16" x 8" Female Repair Line Splice
PF312	3/16" x 12" Female Repair Line Splice
PF320	3/16" x 20" Female Repair Line Splice
PF330	3/16" x 30" Female Repair Line Splice
PF340	3/16" x 40" Female Repair Line Splice
PF351	3/16" x 51" Female Repair Line Splice
PF360	3/16" x 60" Female Repair Line Splice
PF372	3/16" x 72" Female Repair Line Splice

HI-FLOW/ HEAVY WALL BRAKE LINE UNION



*Part # 3020

	Tube Size	Thread Diameter	Threads Per Inch
3002	3/16"	3/8"	24 T.P.I
3005	1/4"	7/16"	24 T.P.I
3007	5/16"	1/2"	20 T.P.I
3018	3/8"	5/8"	18 T.P.I
*3020	3/16"-1/4"	3/8"-7/16"	24 T.P.I.



PART #	TUBE SIZE	THREAD	THREADS PITCH
3044	3/16"	10MM	1.0 BUBBLE FLARE Dom / EURO
3047	3/16"	3/8"	24 T.P.I BUBBLE FLARE BRITISH
3059	3/16"	10MM	1.0 INVERT FLARE JAPANESE
4238	6MM	12MM	1.0 BUBBLE FLARE JAPANESE

BLEEDER SCREWS & RUBBER CAPS



PART #	THREAD DIAMETER	THREAD PITCH	LENGTH
9400	3/8"	3/8" - 24	1.36"
9402	3/8"	3/8" - 24	1.11"
9403	5/16"	5/16" - 24	1.06"
9404	1/4"	1/4" - 28	.92"
9405	8MM	M8 - 1.25	23.5MM
9406	10MM	M10 - 1.50	27.5MM
9407	10MM	M10 - 1.0	27.5MM
9409	10MM	M10 - 1.0	32.75MM
9410	10MM	M10 - 1.0	35.0MM
9411	7MM	M7 - 1.0	32.0MM
9412	10MM	M10 - 1.0	38.5MM
9413	7MM	M7 - 1.0	38.55MM
9415	7/16"	7/16" - 20	1.27"
9416	8MM	M8 - 1.0	38.0MM
9417	1/4"	1/4" - 28	1.045"
9421	10MM	M10 - 1.25	33.0MM
9422	8MM	M8 - 1.25	32.7MM
9427	7/16"	7/16" - 24	1.475"
9428	8MM	M8 - 1.25	36.0MM
9430	8MM	M8 - 1.0	26.29MM
9450	Small Rubber Cap		
9451	Large Rubber Cap		

COMPLETE COVERAGE BLEEDER SCREW & CAP ASSORTMENT
0475 (144 PIECES)

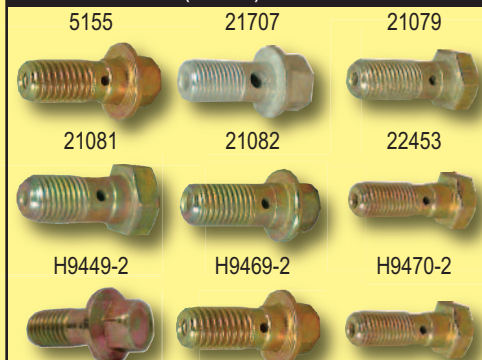
COPPER FLEX LINE GASKETS



PART #	OUTSIDE DIAMETER	INSIDE DIAMETER	THICKNESS
3046	.625"	.450"	.079"
3048	.687"	.450"	.038"
3052	.8125"	.500"	.032"
3053	.625"	.390"	.063"
3054	.8125"	.438"	.063"
3055	.625"	.406"	.101"
3056	.688"	.391"	.050"
3057	.554"	.409"	.032"

FLEX LINE GASKETS
ASSORTMENT # 0231 (48 pcs)

HOSE INLET (BANJO) FLEX LINE BOLTS



PART #	DESCRIPTION
5155	GENERAL MOTORS - M10 x 1.5 x 32.65MM
21079	CHRYSLER - 7/16" - 20 x 1.345"
21081	CHRYSLER - M11 x 1.25 x 1.184"
21082	GENERAL MOTORS - 7/16" - 20 x 1.275"
21707	FORD - M10 x 1.0 x 1.15"
22453	FORD - 3/8" - 24 x 1.26"
H9469-2	FORD - 10MM x 1.5 x 1.32
H9449-2	GM - 10MM x 1.5 x 30.58MM
H9470-2	FORD - 10MM x 1.5 x 1.43

HOSE INLET FLEX BOLT ASSORTMENT # 0108 (21 PIECES)



060-10

ACCUTURN MODELS 8911, 8922, 8944, 8989, 8991, & 8993 11° ANGLE, 1/64" RADIUS



061-10S

PRO-CUT MODELS 610 ON CAR LATHE
VBG MODELS 600 & 610 ON CAR LATHE



062-10

AMMCO MODELS 1000, 1001, 3000, 4000, 4100, 7000, 7700 & 700, 705, 710 ON CAR LATHE.
ALLTOOL MODEL 747
RELS MODEL 2000
FMC MODEL 500 RTI ON CAR LATHE
PERFORMANCE MODEL 7850 & ON CAR LATHES 66, 6600, 7100, 7200, 7600
RTI MODEL BRC-35 ON CAR LATHE
HUNTER MODEL BL500
STAR MODEL 1176



062-10TH

BEAR MODELS 1478 DISC LATHE, 1410, 1467, 1468 & 1469 DRUM LATHE
RJ WEST (PERFECT HOFFMAN) MODELS 300, 350, 450, 915 & 915HD DRUM



066-10

ROUND CUTTING TIP USED IN PLACE OF 062-10 AND 802-10 CUTTING TIPS
MUST USE WITH # 426R/H (428) TOOL HOLDERS.
(EXTRA-LONG LIFE)



103-10

AMMCO MODELS 3850 & 3860
RTI MODELS BRC 35, BRC500, BRC 550, 450-80001-00 & 450-80002-00
FMC - JOHN BEAN MODEL 500 ON CAR LATHE
ALL-TOOL MODEL 747
HUNTER MODEL BL500, BL605
PERFORMANCE MODEL 66, 6600, 7100, 7200 & 7600



407-10

RJ WEST, HOFFMAN DRUM LATHE HOFFMAN MODEL 715
TITANIUM NITRIDE COATED CUTTING TIP.



408-10

FMC - JOHN BEAN/BARRETTE .020 RADIUS MODELS 67BSD, 67DLX, 67GSA, 69DLX, 701ECF, 601PF
FMC 400, 500, 600 & 700
HOFFMAN, RJ WEST TRUE CUT MODEL 400, 401
PERFECT EQUIPMENT MODEL 400, P450



502-4 *4 PACK*

RJ WEST, HOFFMAN MODEL 7515 DRUM LATHE
PERFECT EQUIPMENT MODELS P300, P350 & P450
DRUM LATHE



802-10

KWIKWAY / SNAP-ON MODELS NDL, BDL, CBL & KWIK LATHE ON CAR LATHE 108-005-04, SDL & DL
ROTUNDA MODEL 850 DISC LATHE
RELS MODEL SW504 SWING ARM LATHE
SNAP-ON MODELS YA180 & YA281



903-10

VAN NORMAN 243X DISC AND DRUM LATHE
RELS MODELS 204C, 204D, 204S, 205DC & 415



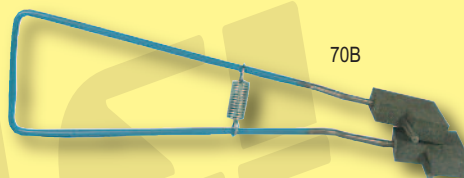
68B

ROTOR SILENCER BAND
(WITH FLAT WEIGHTS AND FLEXIBLE ATTACHING CLIP)
BLACK NEOPRENE EXCELLENT RESISTANCE TO OIL AND CHEMICALS. ALL ROTORS



69

ROTOR SILENCER BAND
(WITH FLAT WEIGHTS AND FLEXIBLE ATTACHING CLIP)
NATURAL RUBBER BEIGE
ALL ROTORS



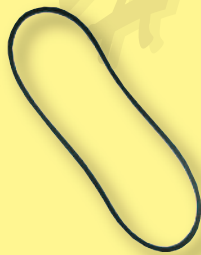
70B

ROTOR SILENCER CHIP DEFLECTOR
ALL ROTORS



80B

DRUM SILENCER BAND
WITH LONG LIFE ATTACHING
HARDWARE **NATURAL RUBBER BEIGE**.
ALL DRUMS



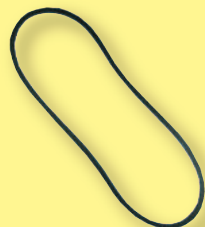
94

ROTOR SILENCER BAND
9" DIAMETER **BLACK NEOPRENE**
EXCELLENT RESISTANCE TO OIL AND CHEMICALS
SOLID ROTORS



95

ROTOR SILENCER
9" DIAMETER LATEX TUBING
WITH STEEL WEIGHTS
ALL ROTORS



96

ROTOR SILENCER BAND
6 1/2" DIAMETER **BLACK NEOPRENE**
EXCELLENT RESISTANCE TO OIL AND CHEMICALS
SOLID ROTORS

MASTER CYLINDER & A.B.S STAINLESS STEEL HOSE SECTION REPAIR LINES

STAINLESS STEEL HOSE SECTION LINES USED BY ORIGINAL EQUIPMENT MANUFACTURERS GM, FORD, CHRYSLER, HONDA, TOYOTA, ETC, TO HANDLE VIBRATION, BODY FLEX, AND HEAT DISSIPATION ON MASTER CYLINDERS & A.B.S LINES - BOTH UNDER HOOD AND UNDER CAR.



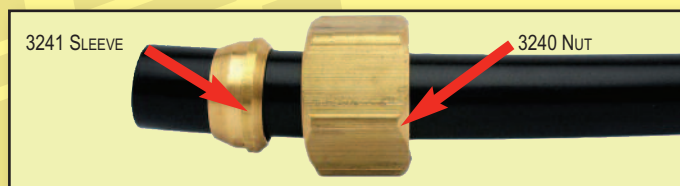
360° SEAL COMPRESSION UNIONS

360° SEAL COMPRESSION UNIONS PERMIT THE USE OF ONE PART NUMBER OF EACH SIZE TO EFFECTIVELY AND EASILY JOIN STEEL, COPPER, ALUMINUM, AND NYLON TUBING, OR COMBINATIONS OF THESE MATERIALS, INCLUDING 10MM. THESE LEAK FREE COMPRESSION UNIONS COME IN BOTH STRAIGHT, 90° ELBOWS AND REDUCING STYLES. FOLLOW THESE DIRECTIONS FOR A LEAK FREE CONNECTION OF ALL FLUID CARRYING LINES.



THE TUBING MUST BE INSERTED COMPLETELY THROUGH THE NUT AND CAPTURED SLEEVE AS ILLUSTRATED TO AVOID LEAKS. IF THE LINE IS NOT INSERTED COMPLETELY THROUGH THE NUT AND SLEEVE, IT WILL NOT HOLD PRESSURE AND IT WILL LEAK.

WITH 10MM APPLICATIONS YOU WILL NEED TO USE A SEPARATE NUT (3240) AND SLEEVE (3241) AS SHOWN BELOW. NOTE THE DIRECTION OF THE SLEEVE WITH THE TAPER TOWARDS THE BODY OF THE COMPRESSION UNION. THESE NUTS AND SLEEVES HAVE BEEN DESIGNED TO SEAL ALL 10MM NYLON FUEL LINES.



360° COMPRESSION UNION TORQUE PROCEDURES. FIRST FINGER TIGHTEN COMPRESSION NUT. USING WRENCHES ON BODY AND NUT, TIGHTEN THE CORRECT NUMBER OF TURNS (SEE TABLE BELOW)

TYPE OF TUBING	NUMBER OF TURNS WITH WRENCH AFTER FINGER TIGHTENING
STEEL - COPPER - ALUMINUM	1 - 1/2" TURNS
NYLON	3/4" OF A TURN

360° SEAL IN-LINE CAPTIVE SLEEVE COMPRESSION UNIONS LEAK FREE CONNECTIONS FOR STEEL / NYLON / COPPER / ALUMINUM TUBING

PART #	SIZE	STRAIGHT
2855	3/16"	
2856	1/4"	
2857	5/16"	
2858	3/8"	
2859	10MM (NYLON ONLY)	
FOR 10MM STEEL USE PART # 3459		

PART #	SIZE	90° ELBOW
2845	1/4"	
2846	5/16"	
2847	3/8"	
2848	3/8"-10MM	
2849	10MM	

PART #	SIZE	REDUCING
2840	5/16" (8MM) TO 1/4"	
2841	3/8" TO 5/16"	
2842	10MM TO 3/8"	
2843	10MM TO 5/16"	

PART #	SIZE	HIGH PRESSURE STEEL COMPRESSION UNIONS (5000PSI)
3451	3/16"	
3452	1/4"	
3453	5/16"	
3454	3/8"	
3459	10MM	

INLET SLEEVE

PART #	SIZE
3241	10MM

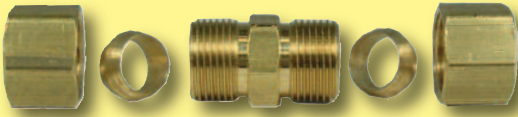
INLET CAPTIVE SLEEVE NUT

PART #	SIZE
3213	3/16"
3214	1/4"
3215	5/16"
3216	3/8"

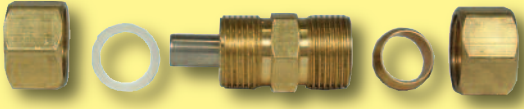
SLEEVE NUT

PART #	SIZE
3240	10MM

COMPRESSION UNIONS

PART #	SIZE	
2952	1/8"	
2955	3/16"	
2956	1/4"	
2957	5/16"	
2958	3/8"	

360° SEAL INLINE COMPRESSION UNION

PART #	SIZE	
2941	1/4"	
2942	5/16"	
2943	3/8"	

NYLON TO NYLON FUEL LINE COMPRESSION UNION

PART #	SIZE	
2890	1/4"	
2891	5/16"	
2892	3/8"	

BRASS FERRULE

PART #	SIZE	
3209	3/16"	
3210	1/4"	
3211	5/16"	
3212	3/8"	

NYLON FERRULE

PART #	SIZE	
3206	1/4"	
3207	5/16"	
3208	3/8"	

360° SEAL CLAMPS

POSITIVE 360° SEAL WITH NO GAPS ON THE INSIDE OF THE CLAMP.
SMOOTH INNER BAND PREVENTS DAMAGE TO THE TUBE OR HOSE



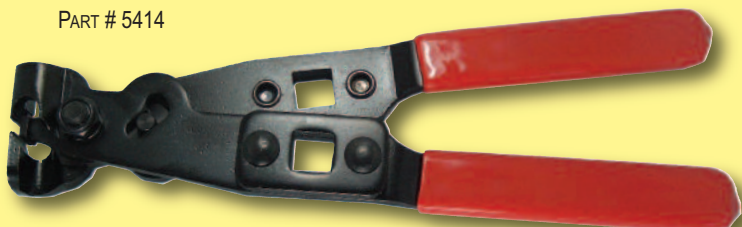
PART #	SIZE	I.D.	APPLICATION
2940	7.0MM	9/32"	USED WITH 6MM - 1/4" NYLON FUEL LINES
2950	8.7MM	11/32"	USED WITH 8MM - 5/16" NYLON FUEL LINES
2980	9.5MM	3/8"	USED WITH 8MM - 5/16" NYLON FUEL LINES
2981	10.5MM	13/32"	USED WITH 3/8" NYLON FUEL LINE
2982	11.3MM	7/16"	USED WITH 10MM - 3/8" NYLON FUEL LINES
2983	12.3MM	15/32"	
2984	13.3MM	1/2"	
2985	14.5MM	9/16"	
2986	15.7MM	7/8"	USED WITH 1/4" SHOP AIR LINE
2987	17.0MM	11/16"	USED WITH 3/8" SHOP AIR LINE
2988	18.5MM	23/32"	USED WITH 3/8" SHOP AIR LINE
3227	19.8MM	25/32"	
2989	21.0MM	13/16"	
2990	24.1MM	15/16"	USED WITH 4204 (5/8") COOLANT CONNECTOR
2991	25.6MM	1"	
2995	28.6MM	1-1/8"	USED WITH 4205 - 4215 (3/4") COOLANT CONNECTOR

IDEAL FOR FUEL LINES, AIR LINES, HEATER HOSE, ETC. ONE EAR CRIMP CLAMP WITH PERMANENT NO LEAK SEAL.

360° SEAL CLAMP PINCERS

360° SEAL CLAMP PINCERS ARE EQUIPPED WITH CENTER ANVIL

PART # 5414



CLOSES 1 OR 2 EAR CLAMPS

BRASS HOSE JOINERS

BRASS BARBED HOSE MENDERS

FUEL / TRANSMISSION / WELDING / AIR/COOLANT

PART #	SIZE		PART #	SIZE
2885	1/4"		2895	5/8"
2886	5/16"		2896	3/4"
2887	3/8"		2898	12MM
2894	1/2"		2899	5/8"

NYLON FUEL LINE TUBING JOINER

"RING BARB"

PART #	SIZE	DESCRIPTION	
2959	5/16" (8MM)	NYLON TUBE JOINER	
2968	10MM	NYLON TUBE JOINER	
2994	1/4" (6MM)	NYLON TUBE JOINER	
3220	3/8"	NYLON TUBE JOINER	

NYLON FUEL LINE TUBING JOINER

"REDUCER / RING BARB"

PART #	DESCRIPTION	
3204	1/4" TO 5/16" (8MM) REDUCER TUBE JOINER	
3205	5/16" (8MM) TO 3/8" (10MM) REDUCER TUBE JOINER	

NYLON FUEL LINE TUBING JOINER

"TEE / 90° ELBOW"

PART #	DESCRIPTION	
3223	1/4" BRASS BARB TEE	
3224	5/16" (8MM) AND 3/8" BRASS TEE	
3225	1/4" BRASS BARB 90° ELBOW	
3226	5/16" BRASS BARB 90° ELBOW	

BLACK FUEL RATED NYLON TUBING COILS

PART #	TUBE O.D	COIL LENGTH
2962 - 25	5/16" (8MM)	25'
2962 - 100	5/16" (8MM)	100'
2962 - 1000	5/16" (8MM)	1000'
2963 - 25	10MM	25'
2963 - 100	10MM	100'
2963 - 1000	10MM	1000'
2997 - 25	1/4"	25'
2997 - 100	1/4"	100'
2997 - 1000	1/4"	1000'
2998 - 25	3/8"	25'
2998 - 100	3/8"	100'
2998 - 1000	3/8"	1000'
3350 - 10	1/2"	10'
3350 - 25	1/2"	25'
3351-10	5/8"	10'
3351-25	5/8"	25'



220 P.S.I
BURST RATING

FOR REPLACEMENT OF STEEL OR NYLON
FUEL LINES

CONVOLUTED NYLON TUBING

PART #	TUBE O.D	COIL LENGTH
2936	5/16" (8MM)	25'
2937	10MM	25'
2936-36	5/16" (8MM)	36" IN
2937-36	10MM	36" IN
2962CVT	5/16" (8MM)	10" IN
2963CVT	10MM	10" IN



CUFFS EVERY 3 FEET
FOR CONNECTORS AND
JOINERS TO BE INSTALLED
ON 25' COILS

GM TANK SENDER HOSE LINE FITTINGS FOR NYLON TUBING

PART #	THREAD SIZE	TUBE SIZE	
4236	16MM x 1.5	10MM	
4237	14MM x 1.5	8MM	

NYLON FUEL LINE TUBE JOINER QUICK CONNECTS

PART #	DESCRIPTION
2945	1/4" PUSH ON CONNECTOR
2946	8MM PUSH ON CONNECTOR
2947	3/8" PUSH ON CONNECTOR
2948	10MM PUSH ON CONNECTOR
2949	5/16" PUSH ON CONNECTOR

GM FUEL LINE VITON O-RINGS

Part #	
2880	3/8" FUEL FILTER LINE 16MM FITTING
2881	5/16" FUEL FILTER LINE 14MM FITTING

NYLON TUBING ARMOR

Part #	SIZE
K396	3/16" x 96"
K496	1/4" x 96"
K596	5/16" x 96"
K696	3/8" x 96"

WHY FUEL LINES FAIL



- Exposure to the environment causes fuel lines to rust out
- Rusted and seized tube fittings will cause fuel lines to collapse/kink during replacement of fuel filter, fuel tank and fuel pump assembly.
- Punctured fuel lines and flex hoses caused by road debris.
- Leakage due to aged and brittle flex hose and crimps.

WHY NOT SIMPLY REPAIR

- The Fuel line is an intricate part of the fuel delivery system between the fuel tank and the engine requiring a very precise fix.
- Improper line or hose sizing during repairs will cause poor vehicle performance from fuel flow restrictions
- High internal psi from the fuel pump causes defective fuel lines to leak, creating a serious safety issue.



WHY USE OUR FUEL LINES

- Quick, easy installation
- Designed, manufactured and tested to fit O.E. fit form and Function
- Fixed right the first time



Part #	Description
FL 146-A	Chev 97'-00' 2wd ref Cab 8'ft Box
FL 400-A	Chev 90'-95' 2wd Reg Cab 8'ft Box
FL 400-B	Chev 88'-95' 2dr Reg Cab 6.5'ft Box
FL400-C	Chev 88'-95' 2dr Ext Cab 8'ft Box
FL 400-E	Chev 88'-89' 2wd Reg Cab 8'ft Box
FL 400-F	Chev 96'-97' 2wd Reg Cab 8'ft Box
FL 400-R	Chev 88'-89' 4wd Reg Cab 8'ft Box

Part #	Description
FL 400-S	Chev 90'-95' 4wd Reg Cab 8'ft Box
FL 400-T	Chev 96'-97' 4wd Reg Cab 8'ft Box
FL 400-U	Chev 88'-89' 4wd Ext Cab 6'ft Box
FL 400-V	Chev 90'-95' 4wd Ext Cab 6'ft Box
FL 400-X	Chev 88'-89' 4wd Ext Cab 8'ft Box
FL 441-B	92'-94' S Series - Blazer, Jimmy, 4dr 2 & 4wd
FL 443-A	95' S Series - Blazer, Jimmy, 4dr 2 & 4wd

FUEL PRESSURE TEST PORT VALVE GM FILTERS

CAVALIER, SUNFIRE, GRAND AM, ALERO & GM PICK UPS

ALLOWS TECHNICIAN TO CHECK FUEL PUMP PRESSURE AND CLEAN
FUEL INJECTORS ON VEHICLES WITH HARD TO
REACH OR NON-EXISTENT SERVICE PORTS

Part # 4260



REPLACES:

SERVICE CHAMP - 52073

FRAM - G7315

WIX - 33311

PUROLATOR - F54714

AC DELCO - GF578

REPLACES:

SERVICE CHAMP - 52066

FRAM - G3727

WIX - 33481

PUROLATOR - F33144

AC DELCO - GF481

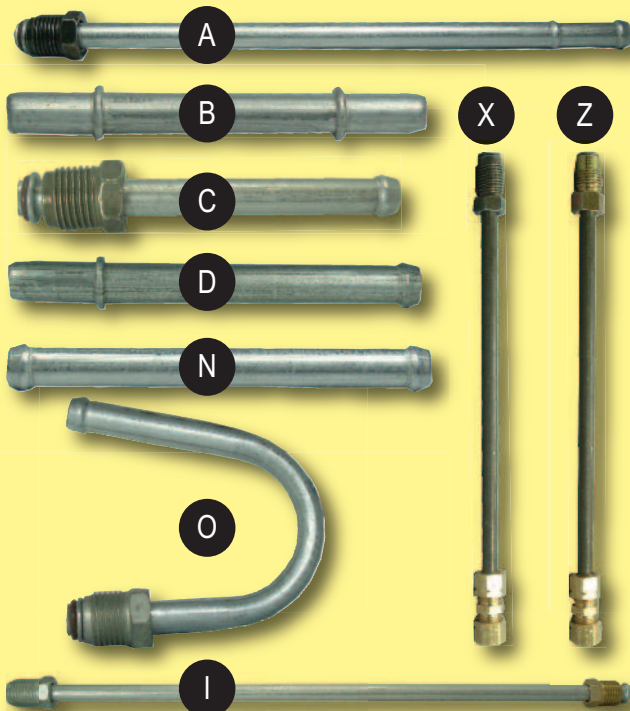
Part # 4261



For application information Contact: 1-800-651-7445 or Email us at info@fmsiinc.com

STEEL FUEL REPAIR LINES

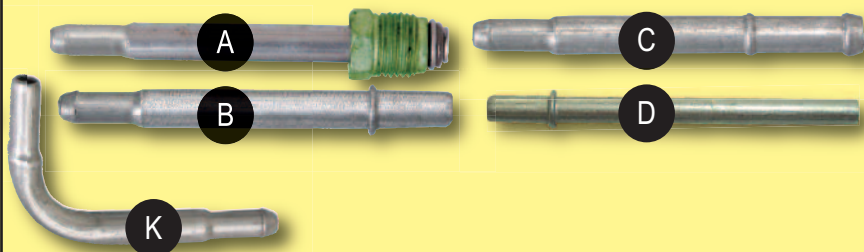
- GENERAL MOTORS / FORD / CHRYSLER/ REPAIRS, RUSTED AND LEAKING FUEL LINES.
- OEM STYLE FLARE WITH VITON O-RING (BROWN)



PART #	SIZE	DESCRIPTION	STYLE
3060	3/8" x 18"	16MM FITTING GM	A
3060R	3/8" x 18"	16MM FITTING GM	R
3061	5/16" x 18"	14MM FITTING GM	A
3061R	5/16" x 18"	14MM FITTING GM	R
3062	3/8" x 9"	16MM FITTING GM	A
3062R	3/8" x 9"	16MM FITTING GM	R
3063	5/16" x 9"	14MM FITTING GM	A
3063R	5/16" x 9"	14MM FITTING GM	R
3064	3/8" x 36"	16MM FITTING GM	A
3064R	3/8" x 36"	16MM FITTING GM	R
3065	5/16" x 36"	14MM FITTING GM	A
3065R	5/16" x 36"	14MM FITTING GM	R
3066	3/8" x 18"	MALE END FOR QUICK CONNECTOR	B
3067	5/16" x 18"	MALE END FOR QUICK CONNECTOR	B
3095	1/4" x 18"	MALE END FOR QUICK CONNECTOR	B
3145	3/8" x 4"	16MM FITTING GM	C
3146	5/16" x 4"	14MM FITTING GM	C
3147	3/8" x 4"	HOSE JOINER	N
3148	5/16" x 4"	HOSE JOINER	N
3149	3/8" x 6 1/2"	180° GM	O
3150	3/8" x 36"	MALE END FOR QUICK CONNECTOR	B
3151	5/16" x 36"	MALE END FOR QUICK CONNECTOR	B
3152	1/4" x 36"	MALE END FOR QUICK CONNECTOR	B
3180	3/8" x 6"	16MM FITTING GM	C
3181	5/16" x 6"	14MM FITTING GM	C
3188	5/16" x 3 3/4"	QUICK CONNECTOR TO HOSE END	D
3189	3/8" x 3 3/4"	QUICK CONNECTOR TO HOSE END	D
3270	3/8" x 60"	16MM FITTING GM	A
3271	5/16" x 60"	14MM FITTING GM	A
3293	1/4" x 4"	MALE QUICK CONNECTOR UNION	B
3294	5/16" x 4"	MALE QUICK CONNECTOR UNION	B
3295	3/8" x 4"	MALE QUICK CONNECTOR UNION	B
3445K	5/16" x 12"	JAPANESE/GM 14MM x 1.5	I
3448K	5/16" x 12"	JAPANESE/GM 14MM x 1.25	I
3487K	5/16" x 8 3/4"	TOYOTA 14MM FITTING (WITH ATTACHING HARDWARE)	X
3488K	5/16" x 8 3/4"	HONDA 14MM FITTING (WITH ATTACHING HARDWARE)	Z

Style R - Contains Attaching Hardware

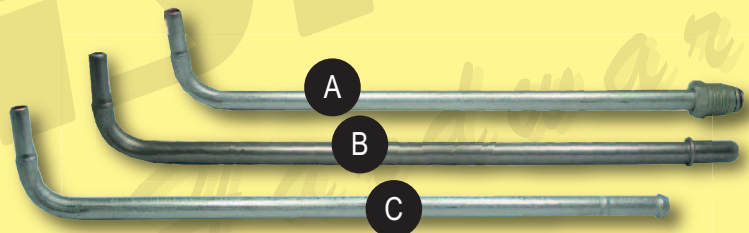
STEEL TO NYLON ADAPTER FUEL LINES



PART #	SIZE	APPLICATION	TYPE
3116	5/16" x 3 3/4"	90° BEND REPAIR ELBOW. (CONNECTS TO 5/16" (8MM) NYLON TUBE 2962)	K
3117	3/8" x 3 3/4"	FOR QUICK CONNECTOR FORD/GM/CHRYSLER. (USE WITH 3/8" NYLON TUBE 2998)	B
3118	5/16" x 3 3/4"	FOR QUICK CONNECTOR FORD/GM/CHRYSLER.(USE WITH 5/16" (8MM) NYLON TUBE 2962)	B
3119	5/16" x 3 3/4"	14MM FITTING GM. (USE WITH 5/16" NYLON TUBE 2962)	A
3120	3/8" x 3 3/4"	16MM FITTING GM. (USE WITH 3/8" NYLON TUBE 2998)	A
3121	3/8" x 3 3/4"	HOSE END FORD/GM/CHRYSLER. (USE WITH 3/8" NYLON TUBE 2998)	C
3122	5/16" x 3 3/4"	HOSE END FORD/GM/CHRYSLER. (USE WITH 5/16"(8MM) NYLON TUBE 2962)	C
3133	3/8" x 3 3/4"	HOSE END FORD/GM/CHRYSLER. (USE WITH 10MM NYLON TUBE 2963)	C
3134	3/8" x 3 3/4"	FOR QUICK CONNECTOR FORD/GM/CHRYSLER. (USE WITH 10MM NYLON TUBE 2963)	B
3135	3/8" x 3 3/4"	16MM FITTING GM.(USE WITH 10MM NYLON TUBE 2963)	A
3136	3/8" x 3 3/4"	FOR 90° BENDS AND SENDING UNIT REPAIRS. (CONNECTS TO 5/16"(8MM) NYLON TUBE 2962)	K
3137	5/16" x 3 3/4"	FOR 90° BENDS AND SENDING UNIT REPAIRS. (CONNECTS TO 5/16"(8MM) NYLON TUBE 2962)	K
3138	1/4" x 3 3/4"	FOR QUICK CONNECTOR FORD/GM/CHRYSLER. (CONNECTS TO 5/16" (8MM) NYLON TUBE 2962)	D
3143	1/4" x 3 3/4"	FOR 90° BENDS AND SENDING UNIT REPAIRS. (CONNECTS TO 1/4" NYLON TUBE 2997)	K
3144	1/4" x 3 3/4"	FOR QUICK CONNECTOR FORD/GM/CHRYSLER.(CONNECTS TO 1/4" NYLON TUBE 2997)	B
3162	3/8" x 3 3/4"	90° BEND REPAIR ELBOW. (CONNECTS TO 10MM NYLON TUBE 2963)	K

FUEL SENDING UNIT REPAIR LINES

- REPAIR RUSTED AND LEAKING SENDING UNITS / FUEL PUMP STEEL LINES.
- ALL REPAIR LINES ARE ORIGINAL EQUIPMENT STYLE WITH 90° BEND.
- 90° END HAS BEEN REDUCED IN DIAMETER AND IS EASILY SOLDERED OR COLD WELD INTO BASE OF EXISTING LINE.



PART #	SIZE	DESCRIPTION	STYLE
3072	3/8" x 4"	FOR QUICK CONNECT	B
3072L	3/8" x 4 3/4"	FOR QUICK CONNECT	B
3073	5/16" x 4"	FOR QUICK CONNECT	B
3073L	5/16" x 4 3/4"	FOR QUICK CONNECT	B
3074	3/8" x 4 3/4"	GM 16MM FITTING	A
3075	5/16" x 4 3/4"	GM 14MM FITTING	A
3076	3/8" x 12"	GM 16MM FITTING	A
3077	5/16" x 12"	GM 14MM FITTING	A
3078	3/8" x 18"	GM 16MM FITTING	A
3079	5/16" x 12"	FOR QUICK CONNECT	B
3080	3/8" x 12"	FOR QUICK CONNECT	B
3081	5/16" x 12"	FOR HOSE END	C
3082	3/8" x 12"	FOR HOSE END	C
3083	5/16" x 18"	FOR HOSE END	C
3084	3/8" x 18"	FOR HOSE END	C
3123	5/16" x 16"	FOR QUICK CONNECT	B
3124	3/8" x 16"	FOR QUICK CONNECT	B
3125	5/16" x 16"	FOR HOSE END	C
3126	5/16" x 30"	GM 14MM FITTING	A
3127	3/8" x 30"	GM 16MM FITTING	A
3128	5/16" x 36"	GM 14MM FITTING	A
3129	3/8" x 36"	GM 16MM FITTING	A
3130	5/16" x 36"	FOR QUICK CONNECT	B
3131	3/8" x 36"	FOR QUICK CONNECT	B
3132	5/16" x 36"	FOR HOSE END	C
3139	1/4" x 3 3/4"	FOR QUICK CONNECT	B
3160	3/8" x 8 1/2"	GM 16MM FITTING	A
3161	5/16" x 8 1/2"	GM 14MM FITTING	A
3290	3/8" x 4"	FOR HOSE END	C
3291	5/16" x 4"	FOR HOSE END	C
3292	1/4" x 4"	FOR HOSE END	C

PART #	DESCRIPTION	STYLE
3068K	5/16" CONNECTOR 90° ELBOW TO 8MM / 5/16" NYLON FORD, GM	Q
3069K	5/16" CONNECTOR TO 8MM / 5/16" NYLON FORD	D
3070K	3/8" CONNECTOR TO 8MM / 5/16" NYLON FORD	D
3071K	3/8" CONNECTOR TO 10MM NYLON FORD	D
3085K	8MM - 5/16" NYLON FUEL LINE SPLICE	E
3086K	10MM - 3/8" NYLON FUEL LINE SPLICE UNIVERSAL 12	E
3087K	FILTER LINE 5/16" TO 5/16" ELBOW FORD	F
3088K	1/4" CONNECTOR TO 8MM / 5/16" NYLON FORD	D
3089K	FILTER LINE 3/8" TO 5/16" CONNECTOR FORD	F
3090K	FILTER LINE 3/8" TO 5/16" CONNECTOR ELBOW FORD	F
3091K	3/8" CONNECTOR ELBOW TO 8MM / 5/16" NYLON FORD, GM	Q
3092K	3/8" CONNECTOR ELBOW TO 10MM NYLON FORD, GM	Q
3100K	3/8" CONNECTOR TO 10MM NYLON GM	T
3101K	5/16" CONNECTOR TO 8MM / 5/16" NYLON GM	T
3153K	5/16" CONNECTOR ELBOW TO 8MM / 5/16" NYLON GM, CHRYSLER	H
3154K	3/8" CONNECTOR ELBOW TO 10MM NYLON GM, CHRYSLER	H
3155K	5/16" CONNECTOR ELBOW TO 10MM NYLON GM, CHRYSLER	H
3156K	5/16" 45° CONNECTOR ELBOW TO 5/16" (8MM) NYLON SPLICE	Y
3157K	3/8" 45° CONNECTOR ELBOW TO 3/8" NYLON SPLICE	Y
3163	3/8" CONNECTOR ELBOW 180° REPAIR LINE GM	P
3167	1/4" CONNECTOR TO 8MM / 5/16" NYLON GM, CHRYSLER	T
3169	5/16" CONNECTOR TO 10MM NYLON FORD	D
3175	3/8" CONNECTOR TO 10MM NYLON GM (4" REPAIR LINE)	U
3176	3/8" 30° CONNECTOR ELBOW TO 10MM NYLON GM	V
3310K	12MM TO 1/2" EVAPORATOR TUBE REPAIR	J
3311K	12MM TO 90° ELBOW 1/2" EVAPORATOR TUBE REPAIR	K
3312K	1/2" TO 1/2" EVAPORATOR TUBE REPAIR	L
3313K	1/2" TO 90° ELBOW 1/2" EVAPORATOR TUBE REPAIR	M
3314K	5/8" TO 5/8" EVAPORATOR TUBE REPAIR	N
3315K	5/8" TO 90° ELBOW 5/8" EVAPORATOR TUBE REPAIR	O
3316K	5/8" TO 45° ELBOW 5/8" EVAPORATOR TUBE REPAIR	S

**EASILY BENDS 360° TO MAKE THE MOST
DIFFICULT OF CONNECTIONS**



NYLON QUICK CONNECT FUEL REPAIR LINES

- REPAIRS NYLON SECTIONS OF FUEL SYSTEM COMPONENTS.
- EASILY ATTACHES TO EXISTING O.E.M NYLON FUEL LINE.
- COMPLETELY ASSEMBLED AND READY FOR INSTALLATION.
- SPLICE FOR REPAIRING LEAKS ANYWHERE IN THE FUEL LINE.
- 360° SEAL CLAMPS INCLUDED TO INSURE 100% LEAK FREE SEAL.
- FLEXIBLE TUBING TO MAKE BENDS AND TURNS WITHOUT KINKING.

Vent Repair Lines

3310K



NEW

J

3311K



NEW

M

3312K



NEW

K

3313K



NEW

N

3314K



NEW

L

3315K



NEW

O

3316K

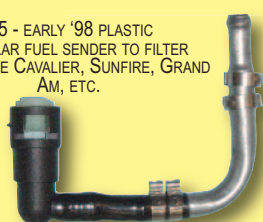


NEW

S

'95 - EARLY '98 PLASTIC
MODULAR FUEL SENDER TO FILTER
REPAIR LINE CAVALIER, SUNFIRE, GRAND
AM, ETC.

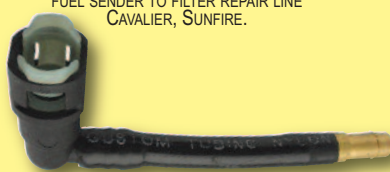
3163



P

'98 - '02 PLASTIC MODULAR
FUEL SENDER TO FILTER REPAIR LINE
CAVALIER, SUNFIRE.

3175



U

'98 - UP PLASTIC MODULAR
FUEL SENDER TO FILTER
REPAIR LINE GRAND AM ALERO.

3176



V

STEEL & NYLON QUICK CONNECTOR FUEL LINE RETAINER CLIPS

PART #	DESCRIPTION	STYLE
3102	3/8" GM / CHRYSLER / FORD	A
3103	5/16" GM / CHRYSLER / FORD	A
3104	5/16" FORD (WHITE)	B
3105	3/8" FORD (BLACK)	C
3106	1/4" FORD	D
3107	5/16" FORD TRANSMISSION LINE	D
3108	5/16" RELEASE SLEEVE GM / CHRYSLER	E
3109	3/8" RELEASE SLEEVE GM / CHRYSLER	E
3111	1/4" GM / CHRYSLER / FORD	A
3114	1/2" GM / CHRYSLER / FORD	A
3202	FORD TRUCK 13MM	H
3203	FORD TRUCK 10.5MM	H
3221	5/16" FORD (WHITE) NEW STYLE	F
3222	3/8" FORD (BLACK) NEW STYLE	G
3317	12MM VENT CONNECTOR	G
3318	1/2" VENT CONNECTOR	F
3319	5/8" VENT CONNECTOR	F
3325	5/16" STEEL RETAINER CLIP	I
3326	3/8" STEEL RETAINER CLIP	I
3320	5/16" FORD FUEL LINE CLIP (WITH POP-UP TAB)	J
3321	3/8" FORD FUEL LINE CLIP (WITH POP-UP TAB)	K
3322	5/16" FORD FUEL LINE CLIP	L

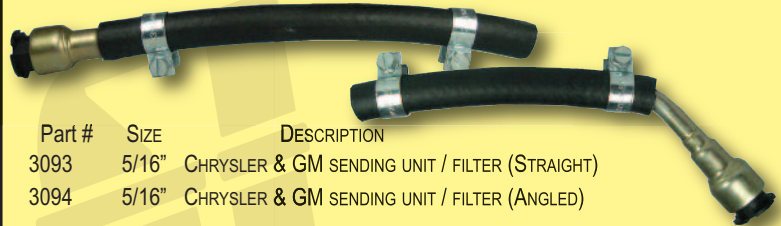


STEEL QUICK CONNECTOR TO NYLON REPAIR LINES



PART #	SIZE	DESCRIPTION
3164	3/8"	GM/FORD/CHRYSLER STEEL QUICK CONNECTOR REPAIR LINE
3165	5/16"	GM/FORD/CHRYSLER STEEL QUICK CONNECTOR REPAIR LINE
3166	1/4"	GM/FORD/CHRYSLER STEEL QUICK CONNECTOR REPAIR LINE

STEEL QUICK CONNECTOR TO FUEL INJECTION HOSE



Part #	SIZE	DESCRIPTION
3093	5/16"	CHRYSLER & GM SENDING UNIT / FILTER (STRAIGHT)
3094	5/16"	CHRYSLER & GM SENDING UNIT / FILTER (ANGLED)

GM TRUCK TANK SENDER UNIT HOSE EXTENSION REPAIR LINE.

MAKES REPAIR OF FUEL LINES FROM PUMP SENDING UNIT TO AN EXPOSED AREA OF ORIGINAL FUEL LINES FOR EASY ATTACHMENT.

ATTACHING HARDWARE (360° SEAL COMPRESSION UNION) INCLUDED



PART #	DESCRIPTION
4356	3/8" x 32" - 8" CRIMPED HOSE SECTION - 24" STEEL SECTION
4357	5/16" x 32" - 8" CRIMPED HOSE SECTION - 24" STEEL SECTION

GM FEMALE TANK EXTENSION HOSE REPAIR LINES

REPLACES ORIGINAL EQUIPMENT HOSE LINES OBSOLETE BY OE DEALER



PART #	DESCRIPTION
4352	5/16" x 10" - TANK HOSE 14MM x 1.5 FEMALE ENDS
4353	5/16" x 16" - TANK HOSE 14MM x 1.5 FEMALE ENDS
4358	3/8" x 10" - TANK HOSE 16MM x 1.5 FEMALE ENDS
4359	3/8" x 16" - TANK HOSE 16MM x 1.5 FEMALE ENDS

CAVALIER / SUNBIRD (WITH STEEL SENDING UNIT)

REPLACES ORIGINAL EQUIPMENT HOSE LINES OBSOLETE BY OE DEALER



PART #	DESCRIPTION
4354	3/8" x 12" w/ 180° MALE TUBE END 16MM x 1.5 FEMALE 16MM x 1.5

GM MALE TO FEMALE TANK EXTENSION HOSE LINES

REPLACES ORIGINAL EQUIPMENT HOSE LINES OBSOLETE BY OE DEALER



PART #	DESCRIPTION
4350	3/8" x 10" - MALE STEEL TUBE W/ 16MM x 1.5 TO FEMALE 16MM x 1.5
4351	3/8" x 16" - MALE STEEL TUBE W/ 16MM x 1.5 TO FEMALE 16MM x 1.5

HIGH PRESSURE FUEL INJECTION HOSE



PART #	HOSE I.D	COIL LENGTH
FIL 1	1/4"	10'
FIL1A	1/4"	25'
FIL1B	1/4"	250'
FIL2	5/16"	10'
FIL2A	5/16"	25'
FIL2B	5/16"	250'
FIL3	3/8"	10'
FIL3A	3/8"	25'
FIL3B	3/8"	250'

FUEL INJECTION HOSE CLAMPS

PART #	DESCRIPTION
FI4	1/4" FUEL INJECTION HOSE CLAMP
FI4BEST	1/4" FUEL INJECTION HOSE CLAMP OE QUALITY
FI6	5/16" FUEL INJECTION HOSE CLAMP
FI6BEST	5/16" FUEL INJECTION HOSE CLAMP OE QUALITY
FI8	3/8" FUEL INJECTION HOSE CLAMP
FI8BEST	3/8" FUEL INJECTION HOSE CLAMP OE QUALITY
FI10	10MM - 12MM FUEL INJECTION HOSE CLAMP



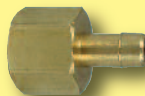
GM TANK SENDER HOSE LINE FITTINGS



FUEL INJECTION HOSE

PART #	SIZE
4300	16MM x 1.5
4301	14MM x 1.5

NYLON TUBE

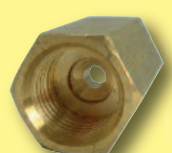


PART #
4236
4237



HI-FLOW UNIONS

PART #	DESCRIPTION
4302	16MM x 1.5
4303	14MM x 1.5



QUICK CONNECTORS FOR FUEL AND VENT LINES
FORD / GM / CHRYSLER / HONDA / TOYOTA / MAZDA



PART #	DESCRIPTION	PART #	DESCRIPTION
2964	5/16" 90° ELBOW QUICK CONNECTOR TO 8MM / 5/16" NYLON FUEL LINE.	3153C	5/16" - 90° ELBOW QUICK CONNECTOR TO 8MM NYLON FUEL LINE.
2965	5/16" STRAIGHT QUICK CONNECTOR TO 8MM / 5/16" NYLON FUEL LINE.	3154C	3/8" - 90° ELBOW QUICK CONNECTOR TO 10MM NYLON FUEL LINE.
2966	3/8" STRAIGHT QUICK CONNECTOR TO 8MM / 5/16" NYLON FUEL LINE	3155C	5/16" - 90° ELBOW QUICK CONNECTOR TO 10MM NYLON FUEL LINE.
2967	3/8" STRAIGHT QUICK CONNECTOR TO 10MM NYLON FUEL LINE	3156C	5/16" 45° ELBOW QUICK CONNECTOR TO 8MM 5/16" NYLON FUEL LINE
2969	1/4" STRAIGHT QUICK CONNECTOR TO 8MM / 5/16" NYLON FUEL LINE	3157C	3/8" 45° ELBOW QUICK CONNECTOR TO 10MM NYLON FUEL LINE
2971	3/8" 90° ELBOW QUICK CONNECTOR TO 10MM NYLON FUEL LINE.	3310	12MM - STRAIGHT QUICK CONNECTOR TO 1/2" TUBING.
2972	3/8" 90° ELBOW QUICK CONNECTOR TO 8MM NYLON FUEL LINE.	3311	12MM - 90° ELBOW QUICK CONNECTOR TO 1/2" TUBING.
2973	1/4" STRAIGHT QUICK CONNECTOR TO 8MM / 5/16" NYLON FUEL LINE.	3312	1/2" - STRAIGHT QUICK CONNECTOR TO 1/2" TUBING.
2974	5/16" STRAIGHT QUICK CONNECTOR TO 10MM NYLON FUEL LINE.	3313	1/2" - 90° ELBOW QUICK CONNECTOR TO 1/2" TUBING.
2978	3/8" STRAIGHT QUICK CONNECTOR TO 10MM NYLON FUEL LINE.	3314	5/8" - STRAIGHT QUICK CONNECTOR TO 5/8" TUBING.
2979	5/16" STRAIGHT QUICK CONNECTOR TO 8MM / 5/16" NYLON FUEL LINE.	3315	5/8" - 90° ELBOW QUICK CONNECTOR TO 5/8" TUBING.
2996	3/8" STEEL QUICK CONNECTOR.	3316	5/8" - 45° ELBOW QUICK CONNECTOR TO 5/8" TUBING.
3093H	5/16" STEEL QUICK CONNECTOR WITH RELEASE SLEEVE.	4222	1/4" STAINLESS STEEL QUICK CONNECTOR
3094H	5/16" 45° STEEL QUICK CONNECTOR WITH RELEASE SLEEVE.	4229	5/16" STAINLESS STEEL QUICK CONNECTOR

FUEL LINE TUBE NUT ASSORTMENT



0103

Fuel Line Tube nut Assortment 47pcs

FUEL LINE TUBE NUTS



3008

3009

3445

3448

3487

3488

PART #	TUBE SIZE	THREAD DIAMETER	THREAD PITCH
3008	3/8"	16MM	1.5 GM (OLIVE)
3009	5/16"	14MM	1.5 GM (OLIVE)
3445	5/16"	14MM	1.5 GM JAPANESE (YELLOW)
3448	5/16"	14MM	1.25 JAPANESE (SILVER)
3487	5/16" COATED	14MM	1.5 TOYOTA (GOLD)
3488	5/16" COATED	14MM	1.5 HONDA (OLIVE)

FUEL, TRANSMISSION & AIR CONDITIONING DISCONNECT TOOLS

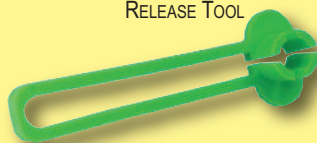
PART # 4803
FUEL & A/C
DISCONNECT TOOL KIT



PART # 4801
FUEL AND A/C SPRING LOK
DISCONNECT TOOL KIT
(RED, CREAM, BLUE, BLACK)



PART # 3113
GENERAL MOTORS FUEL LINE QUICK CONNECTOR
RELEASE TOOL



PART # 5411

STAINLESS STEEL WIRE BRUSH CLEANS
CONNECTORS WITHOUT LEAVING RESIDUE



PART # 4802
FUEL & TRANSMISSION DISCONNECT TOOL KIT



COOLANT QUICK CONNECTOR RETAINER CLIPS



4243 3/4" COOLANT LINE RETAINER CLIP (USED WITH PART #'s 4203, 4205, 4215)
4244 5/8" COOLANT LINE RETAINER CLIP (USED WITH PART # 4204)
4242 5/8" COOLANT LINE RETAINER CLIP (USED WITH PART # 4202)
3114 1/2" COOLANT LINE RETAINER CLIP

HOSE BARB TO PIPE THREAD CONNECTORS

PART #	HOSE I.D	PIPE THREAD
4275	1/4"	1/8"
4276	1/4"	1/4"
4277	3/8"	1/8"
4278	3/8"	1/4"
4279	3/8"	3/8"
4280	1/2"	3/8"



HOSE COOLANT LINE QUICK CONNECTOR FOR NYLON



90° Elbow

4201 5/8" COOLANT 90° QUICK CONNECTOR
FORD & MAZDA TRUCK '90 AND UP
(USE WITH PART # 2990 360° SEAL CLAMPS)
4215 3/4" - 90° ELBOW QUICK CONNECTOR
FORD & MAZDA TRUCKS '90 AND UP
(USE WITH PART # 2995 360° SEAL CLAMPS)

Straight

4204 5/8" STRAIGHT QUICK CONNECTOR
FORD & MAZDA TRUCK '90 AND UP
(USE WITH PART # 2990 360° SEAL CLAMPS)
4205 3/4" STRAIGHT QUICK CONNECTOR
FORD & MAZDA TRUCKS '90 AND UP
(USE WITH PART # 2995 360° SEAL CLAMPS)

GM HEATER HOSE QUICK CONNECTORS & REMOVAL TOOL

PART # 5413



SPECIAL REVERSING DRILL & TAP FOR
EFFECTIVELY REMOVING AND REPLACING
DAMAGED CONNECTORS

HEATER HOSE JOINERS

2794 1/2" HEATER HOSE JOINER
2795 5/8" HEATER HOSE JOINER
2796 3/4" HEATER HOSE JOINER
2797 5/8" TO 3/4" HEATER HOSE REDUCER JOINER



GM HEATER HOSE COOLANT LINE CONNECTORS

Part #
4235

5/8" HEATER HOSE CONNECTOR
(REPLACEMENT FOR O.E.M PLASTIC CONNECTORS)
GM 3.1 ENGINES



Part #
4249

WATER PUMP HOSE PIPE
CONNECTOR 3/8" PIPE THREAD TO 5/8" HOSE



GM HEATER HOSE COOLANT LINE CONNECTORS

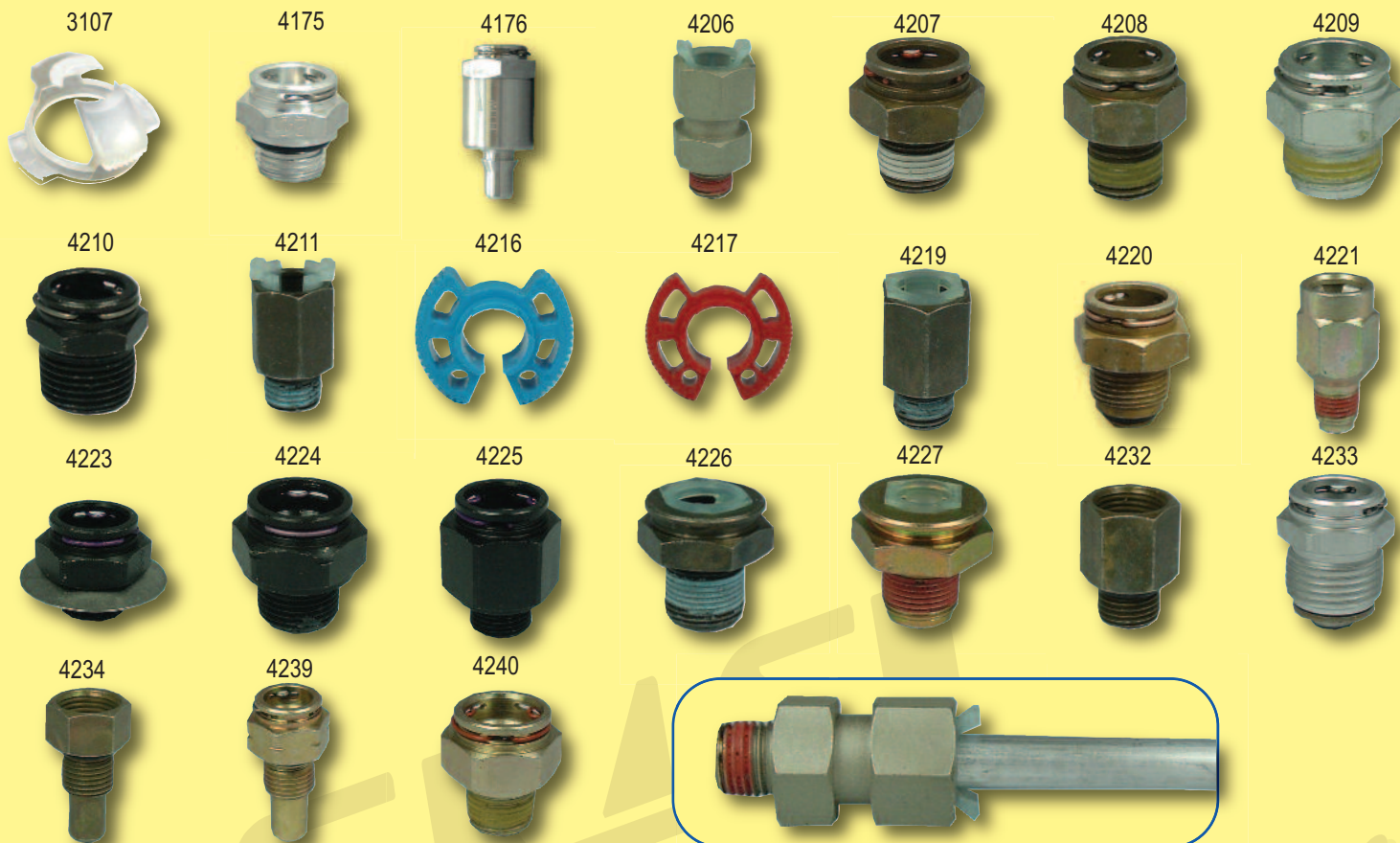
4202

5/8" HEATER HOSE CONNECTOR
GENERAL MOTORS 3.1, 3.4, 5.7
'90 AND UP (CORVETTE ONLY 6.2)

4203

3/4" HEATER HOSE CONNECTOR
GENERAL MOTORS ASTRO &
SAFARI ' 90 AND UP





Part # Description

- 3107 Retainer Clip for 4219
 4175 3/8" Transmission Quick Connector
 4176 3/8" In-Line Transmission Filter (Installs at the cooler outlet)
 4206 3/8" Transmission Quick Connector 1982 - Up (Ford)
 4207 Steel Quick Connector 1/2" Tube x 3/8" NPTF GM Trucks G, C/K 1996 - Up
 4208 Steel Quick Connector 3/8" Tube x 1/4" -18 NPS GM Trucks S/T, C/K, Astro, Safari 1996 - Up
 4209 Steel Quick Connector 3/8" Tube x 5/8" NPTF GM Trucks S/T, C/K, Astro, Safari with Body 1998 - Up
 4210 Steel Quick Connector 3/8" Tube x 3/8" NPTF GM Trucks S/T, Astro, Safari 1996 - Up
 4211 5/16" Transmission Quick Connector 1982 - Up
 4216 3/8" Quick Disconnect Tool for Transmission & Oil Cooler Lines (Part #'s 4208,4209,4210,4233,4239)
 4217 1/2" Quick Disconnect Tool for Transmission & Oil Cooler Lines (Part #'s 4207,4220)
 4219 5/16" Quick Connector (GM & Chrysler)
 4220 GM Engine Oil Cooler Steel Quick Connector 1/2" Tube x 20mm - 1.5 (All rear wheel drive Trucks)
 4221 Transmission Quick Connector (Chrysler)
 4223 GM Truck Radiator Transmission Quick Connector 5/8" Tube x 7/8" -14 UNF (Silverado, Sierra, Tahoe, Yukon, Suburban, Avalanche, Escalade EXT & ESV 1999 - Up)
 4224 GM Truck Transmission Quick Connector 5/8" Tube x 7/8" -14 UNF (Silverado, Sierra, Tahoe, Yukon, Suburban, Avalanche, Escalade EXT & ESV 1999 - Up)
 4225 GM Truck Transmission Quick Connector 5/8" Tube x 3/4" - 16 UNF (Silverado, Sierra, Tahoe, Yukon, Suburban, Avalanche, Escalade EXT & ESV 1999 - Up)
 4226 3/8" Transmission Quick Connector 11/16" - 20 UNF - 2 A Thread
 4227 5/16" Transmission Quick Connector 5/8" - 20 UN - 2A Thread
 4232 3/8" Invert Flare Female Transmission Oil Cooler Line Quick Connector with External O-Ring Seal 1994 - Up
 4233 3/8" Tube x 18mm x 1.5 Aluminum Transmission Quick Connector 1998 - Up
 4234 3/8" Invert Flare Female Transmission Oil Cooler Line Adapter
 4239 3/8" Invert Flare Female Transmission Oil Cooler Line Quick Connector with External O-Ring Seal 1994 - Up
 4240 GM Truck Transmission Quick Connector 5/8" Tube x 1/2" NPTF Duramax Diesel 2000 - Up

**4176 - In-Line Transmission Filter
Connects at the cooler outlet**



PART #	DESCRIPTION
4246	3/8" RETAINER CLIP (FOR 4208, 4209, 4210, 4233)
4247	1/2" RETAINER CLIP (FOR 4207, 4220)
4248	5/8" RETAINER CLIP (TRUCK)



POWER STEERING, TRANSMISSION & FUEL LINE METRIC ADAPTERS

PART #	FEMALE	MALE
3466	3/8" TUBE (5/8" THREAD)	16MM x 1.5 GM
3467	3/8" TUBE (5/8" THREAD)	14MM x 1.5 GM
3468	3/8" TUBE (5/8" THREAD)	18MM x 1.5 GM
3469	3/8" TUBE (5/8" THREAD)	11/16" - 18 FORD



UNIVERSAL TRANSMISSION, OIL COOLER LINE FITTINGS



3419



3418



PART #	DESCRIPTION
3418	5/16" FEMALE TO 3/8" MALE INVERT FLARE.
3419	3/8" FEMALE TO 5/16" MALE INVERT FLARE.

POWER STEERING & TRANSMISSION LINE STEEL TUBE NUTS & ADAPTER

PART #	TUBE SIZE	THREAD DIAMETER	THREAD PITCH
3434	3/8"	16MM	1.5 (BLUE)
3435	3/8"	16MM	1.5 (GOLD)
3436	3/8"	18MM	1.5 (BLUE)
3438	3/8"	18MM	1.5 (GOLD)
3442	3/8"	5/8"	18 TPI (GOLD)
3443	5/16"	5/8"	18 TPI (RED)
3489	5/16"	1/2"	20 TPI
4228	5/16"	1/4"	18 NPT



3434



3442



3435



3443



3436



3489



3438



4228

TRANSMISSION COOLER REPAIR LINES GM, FORD & CHRYSLER

Part #	Description
3182	3/8" x 4" WITH 18MM x 1.5 TUBE NUT (USES PART # 3436) BLUE NUT
3183	3/8" x 4" WITH 16MM x 1.5 TUBE NUT (USES PART # 3434) BLUE NUT
3184	3/8" x 4" WITH 16MM x 1.5 TUBE NUT (USES PART # 3435) GOLD NUT
3185	3/8" x 3 3/4" WITH 5/8" - 18 T.P.I. TUBE NUT (USES PART # 3442) GOLD NUT
3186	5/16" x 4" WITH 5/8" - 18 T.P.I. TUBE NUT (USES PART # 3443) RED NUT
P572TF	5/16" x 72" GM TRANSMISSION LINE WITH SPECIAL FLARE
P672TF	3/8" x 72" GM TRANSMISSION LINE WITH SPECIAL FLARE
3187	5/16" x 4" WITH 14MM x 1.5 TUBE NUT (USES PART # 3009) GREEN NUT
3189	3/8" x 3 3/4" MALE END FOR QUICK CONNECTOR
3489K	5/16" x 4 FEMALE NUT 1/2" - 20 T.P.I.
3490K	3/8" x 4 FEMALE NUT 1/2" - 20 T.P.I.
4253	3/8" x 3 3/4" SPECIAL FLARE (USED WITH PART #'S 4208, 4209, 4210, 4233, 4234)
4254	3/8" x 3 3/4" x 90° ELBOW SPECIAL FLARE USED WITH PART #'S (4208, 4209, 4210, 4233, 4234)
4518	3/8" x 3 3/4" WITH 3/8" Tube Nut & Ridge Bead
4519	3/8" x 3 3/4" WITH 16mm Tube Nut & Ridge Bead
4520	5/16" x 3 3/4" WITH 14mm Tube Nut & Ridge Bead
4521	5/16" x 3 3/4" - 5/16" Tube Nut & Ridge Bead

Style

A

A

B

B

C

D

D

E

F

G

G

H

H

K

I

I

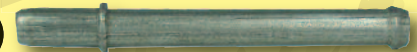
I

I

E



F



G



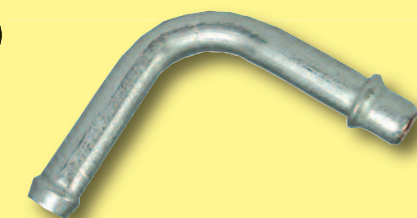
H



I



K



A



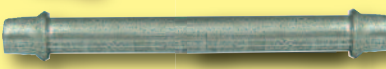
C



B



D



CHROME WHEEL NUTS - 3/4" HEX



3805

12mm x 1.5

Chrome Wheel Nut



3806

14mm x 1.5

Chrome Wheel Nut



3807

12mm x 20

Chrome Wheel Nut



3808

7/16" x 20

Chrome Wheel Nut



3827

12mm x 1.25

Chrome Wheel Nut



4683

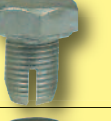
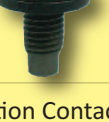
12mm x 1.5
extended Thread



5120C

Plastic Cap
For 4683 Nut

OIL PAN PLUGS

 PART # 1001 HEX HEAD WASHER FACE GM 1/2" x 20 T.P.I Hex Washer Face Overall Length Under head Length 9/16" 566" 1.064" 691"	 PART # 1002 HEX HEAD WASHER FACE FORD 14MM x 1.5 Hex Washer Face Overall Length Under head Length 1/2" .904" 1.017" 606"	 PART # 1003 HEX HEAD WASHER FACE GM 12MM x 1.75 Hex Washer Face Overall Length Under head Length 15MM 22MM 36.64MM 24.72MM
 PART # 1004 PIGGYBACK "A" 1/2" OVERSIZE Hex Washer Face Overall Length Under head Length	 PART # 1005 PIGGYBACK "AA" 1/2" OVERSIZE Hex Washer Face Overall Length Under head Length	 PART # 1006 "A" 1/2" OVERSIZE Hex Washer Face Overall Length Under head Length
 PART # 1007 "AA" 1/2" OVERSIZE Hex Washer Face Overall Length Under head Length	 PART # 1008 "AAA" 1/2" OVERSIZE Hex Washer Face Overall Length Under head Length	 PART # 1009 HEX HEAD WASHER FACE NISSAN 16MM x 1.5 Hex Washer Face Overall Length Under head Length 19MM 26.36MM 25.56MM 12.17MM
 PART # 1010 HEX HEAD WASHER FACE TOYOTA 18MM x 1.5 Hex Washer Face Overall Length Under head Length 19MM 28.32MM 25.41MM 11.47MM	 PART # 1011 HEX HEAD WASHER FACE HONDA/SUBARU 20MM x 1.5 Hex Washer Face Overall Length Under head Length 17MM 27.07MM 26.29MM 13.84MM	 PART # 1012 HEX HEAD WASHER FACE NISSAN/VOLVO 16.4MM x 1.33 Hex Washer Face Overall Length Under head Length 19MM 26.28MM 25.66MM 11.78MM
 PART # 1013 INTERNAL DRIVE WASHER FACE MERCEDES, AUDI, VOLKSWAGEN 26MM x 1.5 Hex Washer Face Overall Length Under head Length INT HEX 34.30MM 18MM 14.47MM	 PART # 1014 HEX HEAD WASHER FACE NISSAN/TOYOTA 12MM x 1.25 Hex Washer Face Overall Length Under head Length 14MM 19.72MM 26.68MM 17.03MM	 PART # 1017 HEX HEAD VOLKSWAGEN 18MM x 1.5 Hex Washer Face Overall Length Under head Length 19MM - 24.02MM 13.66MM
 PART # 1018A 85MM GM FILTER COVER WITH GASKET Hex Washer Face Overall Length Under head Length	 PART # 1020 HEX HEAD REPAIR PLUG 14MM x 1.5 OVERSIZE Hex Washer Face Overall Length Under head Length	 PART # 1021 HEX HEAD REPAIR PLUG 12MM x 1.25 OVERSIZE Hex Washer Face Overall Length Under head Length
 PART # 1022 HEX HEAD REPAIR PLUG 12MM x 1.75 OVERSIZE Hex Washer Face Overall Length Under head Length	 PART # 1027 HEX HEAD WASHER FACE FORD 14MM x 1.5 Hex Washer Face Overall Length Under head Length 5/8" 25.27MM 31.91MM 21.14MM	 PART # 1028 HEX HEAD MOLDED WASHER FACE CHRYSLER 1/2" x 20 T.P.I Hex Washer Face Overall Length Under head Length 5/8" 1.101" 1.293" .816"
 PART # 1029 HEX HEAD WASHER INSERT SATURN 12MM x 1.75 Hex Washer Face Overall Length Under head Length 14MM 31.60MM 33.77MM 18.50MM	 PART # 1030 HEX HEAD WASHER FACE JEEP 14MM x 1.25 Hex Washer Face Overall Length Under head Length 13MM 22.55MM 26.43MM 16.65MM	 PART # 1032 HEX HEAD MOLDED WASHER FACE DODGE 14MM x 1.5 Hex Washer Face Overall Length Under head Length 17MM 27.94MM 29.99MM 16.92MM
 PART # 1033 HEX HEAD WASHER INSERT FORD 14MM x 1.50 Hex Washer Face Overall Length Under head Length 16MM 27.65MM 33.98MM 20.00MM	 PART # 1034 HEX HEAD WASHER INSERT FORD 12MM x 1.75 Hex Washer Face Overall Length Under head Length 15MM 26.06MM 37.62MM 24.25MM	 PART # 1039 HEX HEAD NYLON INSERT MAGNETIC TIP GM 12MM x 1.75 Hex Washer Face Overall Length Under head Length 15MM 26.10MM 43.23MM 29.43MM
 PART # 1040 HEX HEAD WASHER INSERT FORD 4.0 14MM x 1.5 Hex Washer Face Overall Length Under head Length 13MM 28.77MM 33.95MM 20.46MM	 PART # 1041 HEX HEAD WASHER FACE MAGNETIC TIP 14MM x 1.5 Hex Washer Face Overall Length Under head Length 13MM 23.04MM 30.00MM 19.66MM	 PART # 1044 HEX HEAD WITH GASKET BMW 12MM x 1.5 Hex Washer Face Overall Length Under head Length 11/16" - 26.06MM 18.64MM
 PART # 1045 HEX HEAD WASHER FACE HONDA, ACURA 14MM x 1.5 Hex Washer Face Overall Length Under head Length 17MM 24.31MM 21.42MM 10.76MM	 PART # 1046 HEX HEAD WASHER FACE MERCEDES 14MM x 1.5 Hex Washer Face Overall Length Under head Length 13MM 18.75MM 33.32MM 23.87MM	 PART # 1047 INTERNAL DRIVE DODGE CUMMINS DIESEL 22MM x 1.5 Hex Washer Face Overall Length Under head Length INT. SQUARE 33.56MM 22.08MM 18.75MM
 PART # 1048 HEX HEAD MOLDED WASHER FACE FORD 12MM x 1.75 Hex Washer Face Overall Length Under head Length 15MM 26.56MM 39.74MM 27.10MM	 PART # 1049 HEX HEAD WASHER INSERT FORD 12MM x 1.75 Hex Washer Face Overall Length Under head Length 13MM 26.66MM 35.82MM 24.22MM	 PART # 1050 INTERNAL DRIVE GM CATERA 14MM x 1.5 Hex Washer Face Overall Length Under head Length INT. HEX 25.44MM 13.38MM 9.78MM
 PART # 1051 HEX HEAD WASHER FACE W/ GASKET 14MM x 1.5 Hex Washer Face Overall Length Under head Length 3/4" - 19MM 24.72MM 27.95MM 15.41MM	 PART # 1052 UNIVERSAL DRAIN PLUG (NOT FOR HONDA & VW) Hex Washer Face Overall Length Under head Length	 PART # 1053 INTERNAL DRIVE MOLDED WASHER FACE DODGE CUMMINS DIESEL 18MM x 1.5 Hex Washer Face Overall Length Under head Length INT. SQUARE 31.03MM 24.26MM 19.41MM
 PART # 1054 HEX HEAD WASHER INSERT CHRYSLER 14MM x 1.5 Hex Washer Face Overall Length Under head Length 13MM 28.73MM 33.67MM 21.00MM	 PART # 1055 HEX HEAD W/ INTEGRAL WASHER VOLKSWAGEN 14MM x 1.5 Hex Washer Face Overall Length Under head Length 19MM - 30.00MM 22.86MM	 PART # 1061 HEX HEAD MOLDED WASHER FACE FORD 10MM x 1.5 Hex Washer Face Overall Length Under head Length 13MM 26.65MM 37.82MM 24.77MM
 PART # 1062 HEX HEAD MOLDED WASHER FACE GM/AMC 12MM x 1.75 Hex Washer Face Overall Length Under head Length 15MM 26.58MM 32.67MM 21.00MM	 PART # 1063 HEX HEAD MOLDED WASHER FACE CHRYSLER 14MM x 1.5 Hex Washer Face Overall Length Under head Length 1/2" 27.72MM 30.44MM 19.50MM	 PART # 1065 OIL PAN PLUG HONDA/ACURA 14MM x 1.5 (LONG) Hex Washer Face Overall Length Under head Length

For application information Contact: 1-800-651-7445 or Email us at info@fmsiinc.com

TRANSMISSION PAN DRAIN PLUGS & DIFFERENTIAL PLUGS

Part # 1024



1/2" SQUARE DRIVE 9/16"

FMSI # 1025



1/2" 3/8" INTERNAL DRIVE

FMSI # 1026



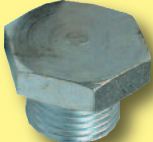
CHRYSLER DIFFERENTIAL PLUG

FMSI # 1057



18MM X 1.5 TOYOTA
90341-18016

FMSI # 1058



18MM X 1.5
TOYOTA # 90341-18006

FMSI # 1059



10MM X 1.5 TOYOTA # 90341-10012
LEXUS # 90341-10006
JEEP # 83504041

FMSI # 1067



12MM X 1.75 ALLISON
TRANSMISSION DRAIN PLUG

FMSI # 1064



7/8" - 14 FORD DIESEL
TRANSMISSION

FMSI # 1060



TRANSMISSION FLUID DRAIN PLUG
32MM X 1.5
HONDA #90066-PC8-010

OIL & TRANSMISSION DRAIN PLUG GASKETS

STEEL & VITON

12mm	2125
14mm	2126
16mm	2127
22mm	2130
1/2"	2125



RUBBER (OE STYLE)

12mm	2132
12mm	2138
14mm	2134
14mm	2135
7/8"	2140

STEEL & RUBBER

12mm	2124
1/2"	2124
18mm	2128



DOUBLE FIBER

12mm	2111
18mm	2112

COPPER FIBER

12mm	2051
14mm	2053
16mm	2054
18mm	2055
20mm	2056
26mm	2058
1/2"	2051



COPPER

12mm	2077
14mm	2078
16mm	2079
18mm	2080
20mm	2081
1/2"	2076
1/2"	2085

FIBER

12mm	2102
14mm	2103
16mm	2104
18mm	2105
20mm	2106
22mm	2107
25mm	2108
1/2"	2101



NYLON

12mm	2002
14mm	2003
16mm	2004
18mm	2005
20mm	2006
1/2"	2001

ALUMINUM (JAPANESE & EUROPEAN)

12mm	2152
12mm	2161
14mm	2153
14mm	2160
16mm	2154
18mm	2162



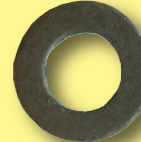
20mm	2156
22mm	2157
24mm	2159
25mm	2165
1/2"	2151

RUBBER
CHRYSLER (OE STYLE)



14mm 2137

TEFLON™ COATED
TOYOTA (OE STYLE)



12mm 2136

COPPER FOLD OVER



10mm 2164

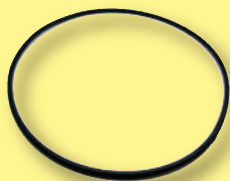
OIL FILTER CAP & GASKETS



FMSI # 1100
SATURN 3.0 V6



FMSI # 1101
SATURN 2.2 4 CYLINDER



FMSI # 1102
DODGE 5.9L



FMSI # 1103
OLDS INTRIGUE 3.5L GM # 12560846



FMSI # 1104
OLDS INTRIGUE 3.5L OIL FILTER CAP
GM #12553683

DRAIN PLUG & GASKET ASSORTMENTS



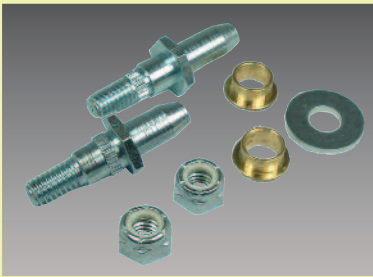
0002B
Oil Drain Plug &
Gasket Assortment
466pcs



0303
New Domestic OE Drain Plug
Assortment
66pcs



0327
Oil Drain Plug & Gasket
Assortment
168pcs



PART # 99CPU4
COMPLETE DOOR PINS &
BUSHINGS KIT '96 - 2004 CHEVY
SILVERADO, GMC SIERRA,
SUBURBAN, & YUKON.



PART # 6354
STAINLESS STEEL DOOR PINS & BUSHING KIT
'96 - 2006 GENERAL MOTORS
SAVANA & EXPRESS VANS
SIDE CARGO DOORS



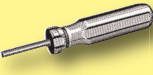
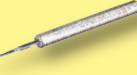
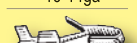
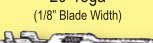
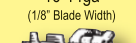
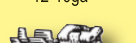
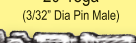
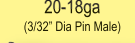
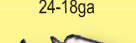
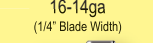
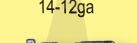
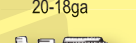
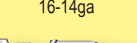
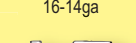
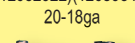
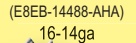
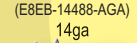
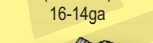
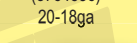
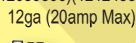
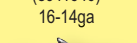
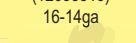
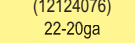
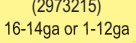
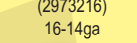
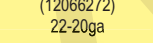
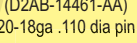
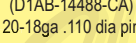
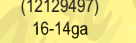
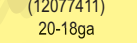
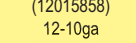
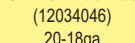
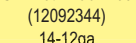
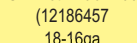
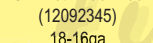
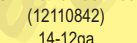
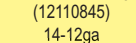
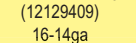
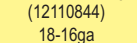
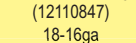
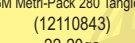
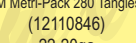
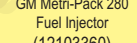
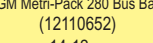
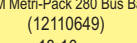
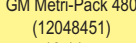
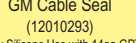
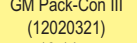
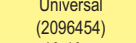
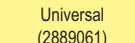
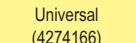
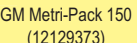
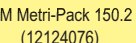
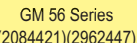
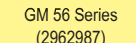
PART # 6355
HINGE & STAINLESS STEEL
DOOR PIN KIT.
'96 - 2006 GENERAL MOTORS
SAVANA & EXPRESS VANS
SIDE CARGO DOORS

Part # 6300 LENGTH 4 1/16" DIA. 11/32" HEAD O.D. 9/16" BUICK, CADILLAC, CHEV, OLDS & PONTIAC TRUCKS C, V, G, F, FORD CROWN VIC GM HINGE PIN	PART # 6301 LENGTH 4" DIA. 11/32" HEAD O.D. 7/16" BUICK, CHEV, OLDS & PONTIAC GM HINGE PIN	PART # 6305 LENGTH 2 3/4" DIA. 17/64" HEAD O.D. 9/16" DODGE, PLYMOUTH VANS CHRYSLER HINGE PIN	PART # 6306 LENGTH 2 7/8" DIA. 1/4" HEAD O.D. 7/16" K-CARS '84 AND UP CHRYSLER HINGE PIN	PART # 6307 LENGTH 5 1/2" DIA. 11/32" SHOULDER O.D. 3/8" HEAD O.D. 9/16" GM - C, K TRUCKS '88 - '98 GM TRUCK HINGE PIN	PART # 6308 O.D. 27/64" I.D. 11/32" HEIGHT 19/64" FLANGE O.D. 19/32" GM, FORD & TRUCKS GM, FORD HINGE PIN BUSHING	PART # 6309 O.D. 1/2" I.D. 3/8" HEIGHT 15/32" FLANGE O.D. 5/8" GM HINGE PIN BUSHING
PART # 6310 O.D. 31/64" I.D. 11/32" HEIGHT 23/64" FLANGE O.D. 19/32" GM & GM TRUCKS GM HINGE PIN BUSHING	PART # 6312 O.D. .316" I.D. .369" LENGTH .356" FLANGE O.D. .511" CHRYSLER, DODGE, PLYMOUTH CHRYSLER HINGE PIN BUSHING	PART # 6313 O.D. 31/34" I.D. 11/32" HEIGHT 19/64" FLANGE O.D. 19/32" FORD FORD HINGE PIN BUSHING	PART # 6314 O.D. 3/8" I.D. 1/4" LENGTH 13/32" FLANGE O.D. 1/2" CHRYSLER CHRYSLER HINGE PIN BUSHING	PART # 6315 O.D. 1/2" I.D. 11/32" HEIGHT 23/64" FLANGE O.D. 43/64" GM & GM TRUCKS C, K GM HINGE PIN BUSHING SPLINED	PART # 6316 O.D. 17/32" I.D. 25/64" HEIGHT 23/64" FLANGE O.D. 11/16" GM & GM TRUCKS C, K GM HINGE PIN BUSHING SPLINED	PART # 6318 LENGTH 3 1/4" DIA. 11/32" HEAD O.D. 1/2" REAR DOORS GM ASTRO, SAFARI, MINI-VAN 1990 - 2005 GM HINGE PIN
PART # 6320 LENGTH 2 3/4" DIA. 11/32" HEAD O.D. 7/16" GM ASTRO, SAFARI, MINI-VAN GM HINGE PIN	PART # 6321 LENGTH 4 5/32" DIA. 11/32" HEAD O.D. 15/32" GM ASTRO, SAFARI, MINI-VAN GM VAN HINGE PIN	PART # 6331 O.D. 9/16" I.D. 21/64" THICKNESS 1/64" GM TRUCKS C, K RETAINER CLIP PART # 6331	PART # 6340 LENGTH 4 1/8" DIA. 11/32" SHOULDER O.D. 3/8" HEAD O.D. 1/2" GM TRUCKS S, T GM TRUCK HINGE PIN	PART # 6341 LENGTH 5 1/2" DIA. 9/16" ROLLER O.D. 3/4" ROLLER GROOVE DIA. 5/8" KNURL DIA. 19/32" GM TRUCK C, K GM DOOR ROLLER PIN ASSEMBLY	PART # 6342 LENGTH 5 1/16" DIA. 25/64" ROLLER O.D. 3/4" ROLLER GROOVE DIA. 5/8" GM TRUCK S, T GRAND PRIX, REGAL, INTRIGUE GM DOOR ROLLER PIN ASSEMBLY	PART # 6343 LENGTH 4 1/8" DIA. 11/32" SHOULDER O.D. 3/8" HEAD O.D. 9/16" GM - C, K TRUCKS GM HINGE PIN
PART # 6349 LENGTH 3 3/8" DIA. 11/32" HEAD O.D. 9/16" FORD FORD HINGE PIN	PART # 6350 LENGTH 3 1/2" DIA. 11/32" KNURL DIA. .358" HEAD O.D. 9/16" FORD TRUCKS FORD TRUCK HINGE PIN	PART # 6351 '84 - '95 DODGE CARAVAN FRONT DOOR DODGE HINGE PIN	PART # 94DPU RAM PICK-UP TRUCKS 1/2", 3/4" & 1 TON '94 - 2000 CHRYSLER TRUCK DOOR PIN & BUSHING KIT	PART # 99CPU '96-2004 CHEVY SILVERADO, GMC SIERRA, SUBURBAN, YUKON GM TRUCK DOOR PIN & BUSHING KIT	Door Pin Kits PART # 6307K PART # 6340K INCLUDES INCLUDES 6307, 6315, 6340, 6315 6316 & 6331, 6316, 6331 '88 - '98 CK TRUCKS GM TRUCKS S, T	

STRIKER BUSHINGS & STRIKER BOLT ASSEMBLIES

PART # 6344 LENGTH 3/4" O.D. 11/16" I.D. 9/16" GM DOOR LOCK STRIKER BUSHING	PART # 6345 LENGTH 7/8" O.D. 11/16" I.D. 1/2" FORD DOOR LOCK STRIKER BUSHING	PART # 6346 10MM X 1.5 THREAD FORD, & FORD TRUCKS FORD DOOR LOCK STRIKER BOLT ASSEMBLY	PART # 6347 7/16" - 14 THREAD FORD & FORD TRUCKS FORD TRUCK DOOR PIN & BUSHING KIT	PART # 6348 7/16" - 14 THREAD FORD CARS, VANS TRUCKS FORD DOOR LOCK STRIKER BOLT ASSEMBLY
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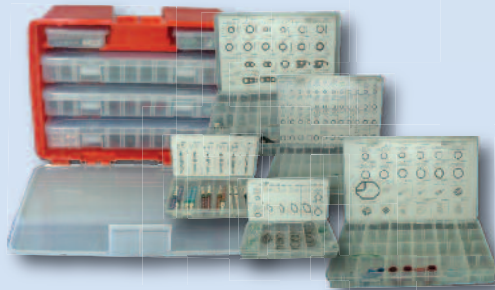
ORIGINAL EQUIPMENT TERMINALS

0600 GM Pack Con 1 (8900524)(12020320) 16-14ga  Mates with 0705	0601 GM Metri-Pack 280 (12129493) 16-14ga 	0604 Ford Miniature Pin (E3VB-14461-AA) 20-18ga .062 dia pin 	0660 GM Weather Pack Terminal Extractor Tool 	0661 Terminal Extractor Tool Narrow Blade .050" 	0670 Universal Terminal (2965470) 1/4" Female 20-18ga (20amp max) 	0671 Ford Standard Box (D8BB-14474-BA) (D3AB-14474-DA) 20-18ga 	0673 GM Micro Pack (12020757) 20-18ga 	0676 GM Metri Pack 280 (12020116) 18-14ga  Mates with 0677
0677 GM Metri-Pack 280 (12015857) 18-14ga  Mates with 0676	0680 GM Weather Pack (12033674)(120890404) 20-18ga  Mates with 0681	0681 GM Weather Pack (12034051)(12089188) 20-18ga  Mates with 0680	0683 Ford Blade (D20B-14421-BB) 20-18ga  3/16" Blade Width	0684 Ford Female Blade (D5AB-14474-FA) (D3AZ-14474-G) 20-18ga  3/16" Female Blade Width	0688 GM Pack-Con 1 (6294512)(12020346) 20-18ga  Mates with 0704	0689 GM Metri-Pack 150 (12047680) 20-18ga  Mates with 0690	0690 GM Metri-Pack 150 (12047581) 20-18ga  Mates with 0689	0691 GM Metri-Pack 150 (12047767) 20-16ga 
0693 GM Cable Seal (12015323) Green Silicone  Use with 0680, 0681, 0697 0705	0696 GM Weather Pack (12010085)(12089305) 16-14ga  Mates with 0697 0706	0697 GM Weather Pack (12010182)(12124580) 16-14ga  Mates with 0696 0707	0698 GM Cavity Plug (12010300) Silicone 	0699 10" Wire Repair Lead 20-18ga Weather Pack 	0700 10" Wire Repair Lead 20-18ga Weather Pack 	0701 GM Micro-Pack (12020758) 16-14ga 	0702 GM Micro-Pack (12040902) 22ga 	0704 GM Pack-Con 1 (6294511) 20-18ga  Mates with 0688 0717
0705 GM Pack-Con 1 (12020347) 16-14ga  Mates with 0600	0706 GM Pack-Con 1 H.D. 1 (12033817) 12-10ga 	0707 GM Pack-Con 1 H.D. 1 (8905087) 16-14ga 	0709 Ford Mini Block (E7EB-14421-EA) 20-18ga (1/8" Blade Width)  Mates with 0711	0711 Ford Female Mini Block (E7EB-14474-CA) 16-14ga (1/8" Blade Width)  Mates with 0709	0712 Ford Female Mini Block (E8EB-14474-AJA) 16-14ga (1/8" Blade Width)  Mates with 0710	0713 Ford Female Mini Block (E8EB-14474-AKA) 12-10ga  1/8" Female Blade Width	0715 Ford Standard Box (E8EB-14474-BA) 16-14ga (3/16" Blade Width)  3/16" Blade Width	0717 Chrysler Terminal (7368261) 20-18ga (3/32" Dia Pin Male)  Mates with 0718
0718 Chrysler Terminal (4368163) 20-18ga (3/32" Dia Pin Male)  Mates with 0717	0720 Chrysler Terminal (4304729) 24-18ga 	0721 Chrysler Quick Connect (3843386) 16-14ga (1/4" Blade Width)  Mates with 0722	0722 Chrysler Quick Connect (3843601) 16-14ga (1/4" Blade Width)  Mates with 0721	0723 Universal Terminal (2965580) 14-12ga  1/4" Blade Width	0724 GM Metri-Pack 280 (12034047) 20-18ga  Mates with 0725	0725 GM Metri-Pack 280 (12034046) 20-18ga  Mates with 0724	0726 GM Metri-Pack 480 (12020120) 16-14ga 	0727 GM Metri-Pack 480 (12015861) 16-14ga 
0730 GM Metri-Pack 150.1 (12052922)(12089340) 20-18ga 	0731 Power Window & Door Lock (E25B-14488-DA) (E8EB-14488-AHA) 16-14ga 	0732 Power Window & Door Lock (E25B-14488-AC) (E8EB-14488-AGA) 14ga 	0733 Power Window & Door Lock (2965880) 16-14ga 	0735 Chrysler P.C. Terminal (3764556) 20-18ga 	0742 GM Weather Pack (12089306)(12124587) 12ga (20amp Max)  Mates with 0743	0743 GM Weather Pack (12015917)(12124581) 12ga (20amp Max)  Mates with 0742	0744 GM Pack-Con 1 (8911640) 16-14ga 	0745 GM Pack-Con 1 H.D. 1 (12033816) 16-14ga 
0750 GM Metri-Pack 150.2 (12124076) 22-20ga  Pull To Seat	0752 GM 59 Series (2973215) 16-14ga or 1-12ga  Fits 5/16" Male Tab	0753 GM 59 Series (2973216) 16-14ga  5/16" Blade Size	0754 GM Printed Circuit Board (12066272) 22-20ga 	0790 Ford Wedgeloock Pin Type (D2AB-14461-AA) 20-18ga .110 dia pin  Mates with 0791	0791 Ford Wedgeloock Pin Type (D1AB-14488-CA) 20-18ga .110 dia pin  Mates with 0790	0792 GM Metri-Pack 280 (12129497) 16-14ga 	0793 GM Metri-Pack 280 (12077411) 20-18ga 	0794 GM Metri-Pack 280 (12015858) 12-10ga 
0795 GM Metri-Pack 280 (12034046) 20-18ga  Mates with 0724	0796 GM Metri-Pack 280 (12092344) 14-12ga  Mates with 0795	0797 GM Metri-Pack 280 (12186457) 18-16ga  Mates with 0798	0798 GM Metri-Pack 280 (12092345) 18-16ga  Mates with 0797	0799 GM Metric-Pack 280 (12110842) 14-12ga  Used without Cable Seal	0800 GM Metri-Pack 280 Tangless (12110845) 14-12ga  Used with Cable Seal	0801 GM Metri-Pack 280 Tangless (12129409) 16-14ga  Used with Cable Seal	0802 GM Metri-Pack 280 Tangless (12110844) 18-16ga  Used without Cable Seal	0803 GM Metri-Pack 280 Tangless (12110847) 18-16ga  Used with Cable Seal
0804 GM Metri-Pack 280 Tangless (12110843) 22-20ga  Used without Cable Seal	0805 GM Metri-Pack 280 Tangless (12110846) 22-20ga  Used with Cable Seal	0806 GM Metri-Pack 280 Fuel Injector (12103360) 22-20ga  Tin Plated	0807 GM Metri-Pack 280 Bus Bar (12110652) 14-12ga 	0808 GM Metri-Pack 280 Bus Bar (12110649) 18-16ga 	0809 GM Metri-Pack 480 (12048451) 16-14ga 	0810 GM Cable Seal (12010293) Grey Silicone Use with 14ga GPT and cross-link polyethylene primary 	0811 GM Pack-Con III (12020321) 16-14ga 	0815 Universal (2096454) 12-10ga  3/8"(10mm) Stud Size
0816 Universal (2889061) 16-14ga  # 10 Stud size Locking type	0817 Universal (4274166) 16-14ga  1/4"(6.3mm) Stud size Locking Type	0818 GM Metri-Pack 150 (12045773) 20-18ga 	0819 GM Metri-Pack 150 (12048074) 20-18ga 	0820 GM Metri-Pack 150 (12129373) 18-16ga 	0821 GM Metri-Pack 150 (12129373) 22-20ga 	0822 GM Metri-Pack 150.2 (12124076) 22-20ga  Pull to Seat	0900 GM 56 Series (2084421)(2962447) 16-14ga  Mates with 0902	0902 GM 56 Series (2962987) 16-14ga  Mates with 0900

WEATHER PACK SHELLS & SEALS



PART # MT9009



AIR CONDITIONING SERVICE PROGRAM

CONTAINS:

- TRAY 1 WASHERS, COUPLING SPRINGS.
- TRAY 2 ORIFICE TUBES (GENERAL MOTORS, CHRYSLER, AUDI & FORD)
- TRAY 3 O-RINGS
- TRAY 4 WASHERS, VALVES, GASKETS & CAPS
- TRAY 5 HOOK, SLIM LINE & METAL GASKETS

PRE 2000

PART # MT9012



FOR DOMESTIC, ASIAN & EUROPEAN VEHICLE COVERAGE.

CONTAINS:

- TRAY 1 O-RINGS.
- TRAY 2 O-RINGS, COUPLING SPRINGS & WASHERS.
- TRAY 3 WASHERS, VALVES, PILOTS, CAPS & FITTINGS.
- TRAY 4 FOAMET, METAL & MOLDED GASKETS.

2000-2007

Rapid-Seal™
AIR CONDITIONING RAPID SEAL ASSORTMENT

PART # 0466

All the seals to complete the job

One rapid seal pack with each repair work order

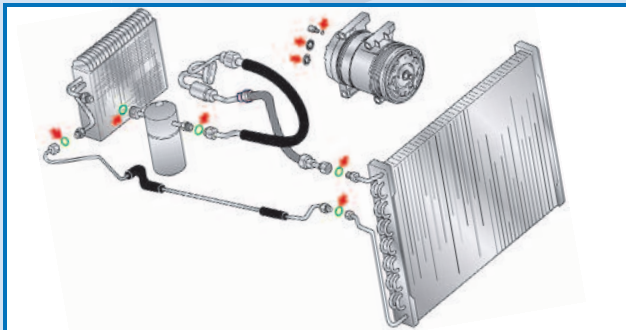
1985 to 2006 applications

Increase your sales & profits, and reduce your comebacks

All seals, gaskets and washers needed for each vehicle in one bag - including rear air applications

CONTAINS RAPID SEAL KITS FOR:

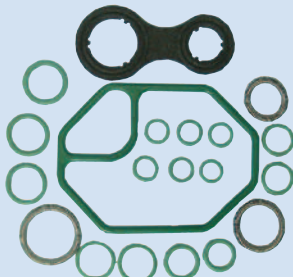
CHRYSLER	HYUNDAI
JEEP	ISUZU
GM	MAZDA
SATURN	MITSUBISHI
FORD	TOYOTA
HONDA	LEXUS
ACURA	AUDI/VW
NISSAN	BMW
INFINITI	MERCEDES
SUBARU	VOLVO



COMPLETE AC COVERAGE FOR 96% OF ALL VEHICLES IN NORTH AMERICA

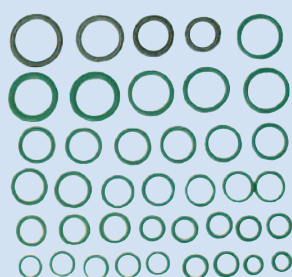
All the seals & o-rings in one bag, to complete the job, including SUV & Van rear air applications

Part # MT2504
Chrysler



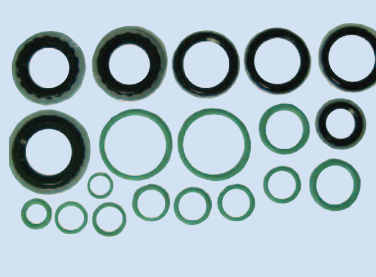
Chrysler 300M '99-'04, Concorde '92-'04, Intrepid '93-'04, LHS '94-'01, Sebring (4 cyl.) '96-'97

Part # MT2524
Ford



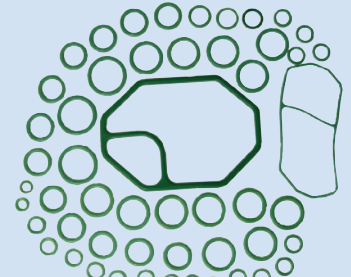
Ford Taurus '86-'05, Lincoln Continental '82-'02, LS 2000-'05, Mark Series '80-'98, Mercury Sable '86-'05

Part # MT2540
General Motors



Buick Century '97-'05, Regal '97-'04, Cadillac Seville '98-'04, Chevrolet Corvette '97-'04, Lumina '97-'01, Monte Carlo '95-'05, Oldsmobile Alero '99-'04, Aurora '95-'04, Cutlass '93-'99, Intrigue '98-'02, Pontiac Grand Prix '97-'05

Part # MT2560
Honda, Acura, Isuzu



Acura (all models) '94-'05, Honda (all models except Passport) '94-'05, Isuzu Amigo '94-2000, Axiom '02-'04, Oasis '96-'99, Rodeo '98-'04, Trooper '98-'02, Vehicross '99-'01

A C U R A		
94-05	All models	MT2560
A U D I		
94-05	All models	MT2622
96-05	A3	 MT2804
B M W		
96-04	All models	MT2640
86-95	All models	MT2641
75-85	All models	MT2642
98-05	3 Series - E46	 MT2814
B U I C K		
97-05	Regal	MT2540
97-05	Century	MT2540
87-96	Century	MT2541
88-96	Regal	MT2541
91-96	Roadmaster	MT2541
88-99	Riviera	MT2543
91-05	Park Avenue	MT2543
92-99	Le Sabre	MT2543
92-98	Skylark	MT2546
00-05	Le Sabre	MT2550
02-05	Rendezvous	MT2550
04-05	Ranier	MT2552
C A D I L L A C		
98-04	Seville	MT2540
85-96	Fleetwood	MT2543
87-93	Allante	MT2543
87-99	DeVille	MT2543
88-03	Eldorado	MT2543
92-97	Seville	MT2543
93-96	Brougham	MT2543
94-99	Concours	MT2543
00-05	DeVille	MT2550
99-05	Escalade	MT2550
97-01	Catera	MT2809
C H E V R O L E T		
95-05	Monte Carlo	MT2540
97-01	Lumina	MT2540
97-04	Corvette	MT2540
77-96	Corvette	MT2541
87-96	Beretta	MT2541
90-96	Lumina	MT2541
92-94	Cavalier	MT2541
92-97	Camaro	MT2541
94-96	Caprice	MT2541
94-96	Impala SS	MT2541
95-05	Cavalier	MT2543
98-02	Camaro	MT2548
90-96	Lumina APV	MT2549
00-05	Impala	MT2550
97-05	Malibu	MT2550
C H E V Y - G M C T R U C K		
99-05	Silverado/Sierra Pickups	MT2550
02-05	Avalanche	MT2550
97-05	Venture Van	MT2550
99-05	Tahoe, Yukon	MT2550
01-05	Suburban	MT2550
02-05	Trail Blazer/Envoy	MT2552
98-05	Van full size	MT2552
77-97	Van full size	MT2553
92-05	Astro/Safari Van	MT2554
92-05	Blazer/Jimmy S series	MT2554
92-05	Pick up S10-S15	MT2554
96-03	Blazer/Jimmy Full Size	MT2554
92-00	Suburban	MT2555
92-02	Pick up C-K series	MT2555
92-02	Step Van	MT2555
92-94	Blazer/Jimmy Full Size	MT2555
95-98	Tahoe/Yukon	MT2555

C H R Y S L E R		
96-98	Sebring 4cyl.	MT2502
95	Sebring 4cyl.	MT2504
92-04	Concorde	MT2504
93-04	Intrepid	MT2504
94-01	LHS	MT2504
96-97	Sebring 4cyl. (2.0)	MT2504
99-04	300M	MT2504
95-00	Cirrus	MT2505
95-00	Sebring 6cyl.	MT2505
05-06	300	MT2516
C H R Y S L E R M I N I V A N S		
96-00	Town & Country Mini Van	MT2502
89-93	Voyager, Grand Voyager 4cyl.	MT2503
94-95	Town & Country Mini Van	MT2503
89-93	Town & Country Mini Van 4cyl.	MT2503
01-05	Town & Country Mini Van	MT2506
96-00	Voyager, Grand Voyager	MT2502
94-95	Voyager, Grand Voyager	MT2503
01-05	Voyager, Grand Voyager	MT2506
D O D G E C A R & T R U C K		
93-04	Intrepid	MT2504
96-05	Stratus	MT2505
94-05	Neon	MT2513
05-06	Magnum	MT2516
96-00	Caravan, Grand Caravan	MT2502
89-93	Caravan, Grand Caravan 4cyl.	MT2503
94-95	Caravan, Grand Caravan	MT2503
01-05	Caravan, Grand Caravan	MT2506
92-04	Dakota	MT2507
94-01	Pickup	MT2507
98-04	Durango	MT2508
81-03	Van full size	MT2510
02-07	Pickup	MT2515
F O R D		
83-97	Thunderbird	MT2520
86-05	Crown Victoria	MT2520
89-97	Probe	MT2520
95-00	Contour	MT2520
81-03	Escort	MT2522
82-05	Mustang	MT2522
82-88	EXP	MT2522
00-05	Focus	MT2523
98-03	ZX2	MT2523
84-94	Tempo	MT2524
86-05	Taurus	MT2524
98-03	Windstar	MT2525
00-05	Excursion	MT2526
82-96	Bronco	MT2526
83-05	Pick up	MT2526
97-05	Expedition	MT2526
01-05	Escape	MT2527
91-05	Explorer	MT2527
86-97	Aerostar	MT2528
83-05	Econoline	MT2529
06-08	Crown Victoria	 MT2721
06-08	Fusion	 MT2722
05-08	Mustang	 MT2723
05-08	Explorer	 MT2723
06-08	Pickup Trucks - F100-F350 Series	 MT2723
06-08	Pickup Trucks - F250 -F450 Super Duty	 MT2723
07-08	Edge	 MT2724
08-09	Taurus	 MT2725
07-08	Expedition	 MT2725
08	Escape	 MT2726
H O N D A		
94-05	All except Passport	MT2560
94-02	Passport	MT2562

HYUNDAI

00-05	Accent	MT2680
01	XG300	MT2680
01-05	Sante Fe	MT2680
02-05	XG350	MT2680
05	Tucson	MT2680
99-05	Sonata	MT2680
89-98	Sonata	MT2681
90-94	Excel	MT2681
95-99	Accent	MT2682
96-00	Elantra	MT2682
97-01	Tiburon	MT2682
01-05	Elantra	MT2683
03-05	Tiburon	MT2683
92-95	Elantra	MT2684

INFINITI

94-05	All models	MT2571
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ISUZU

90-97	Trooper	MT2549
91-97	Rodeo	MT2549
96-00	Hombre	MT2549
02-04	Axiom	MT2560
94-00	Amigo	MT2560
96-99	Oasis	MT2560
98-02	Trooper	MT2560
98-04	Rodeo	MT2560
99-01	Vehicross	MT2560
89-93	Amigo	MT2561
03-05	Ascender	MT2660

JEEP

97-01	Cherokee	MT2600
82-88	Pick-up	MT2601
82-96	Cherokee	MT2601
92-93	Grand Wagoneer	MT2601
99-04	Grand Cherokee	MT2602
92-98	Grand Cherokee	MT2603
02-05	Liberty	MT2604
97-05	Wrangler	MT2605
87-96	Wrangler	MT2606
05-06	Grand Cherokee	MT2607

LEXUS

94-05	All Models	MT2580
90-93	All Models	MT2581

LINCOLN

86-05	Town Car	MT2520
80-98	Mark series	MT2524
00-05	LS	MT2524
82-02	Continental	MT2524
02-03	Blackwood	MT2526
03-05	Aviator	MT2526
98-05	Navigator	MT2526
06-07	Town Car	 MT2721
06	Zephyr	 MT2722
06-08	Mark LT	 MT2723
07-08	MKX	 MT2724
07-08	Navigator	 MT2725

MAZDA

89-05	MPV	MT2590
04	RX8	MT2591
79-92	RX7	MT2591
04-05	3 series	MT2592
90-05	Miata	MT2592
90-05	Protégé	MT2592
95-02	Millenia	MT2592
01-05	Tribute	MT2593
98-02	626	MT2593
03-05	6 series	MT2594

MERCEDES BENZ

96-05	All Models exc.ML series	MT2630
98-05	ML series	MT2632

MERCURY

86-05	Grand Marquis	MT2520
95-00	Mystique	MT2520
86-05	Sable	MT2524
94	Topaz	MT2524
93-02	Villager	MT2525
97-05	Mountaineer	MT2527
06-08	Grand Marquis	 MT2721
06-08	Milan	 MT2722
06-08	Mountaineer	 MT2723
08	Sable	 MT2725
08	Mariner	 MT2726

MITSUBISHI

83-04	All models	MT2610
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NISSAN

93-04	Quest	MT2525
94-04	All models exp Quest	MT2571

OLDSMOBILE

95-04	Aurora	MT2540
99-04	Alero	MT2540
97-99	Regency	MT2543
90-04	Silhouette	MT2549
92-04	Bravada	MT2554

PLYMOUTH

96-00	Breeze	MT2505
95-01	Neon	MT2513
96-00	Voyager, Grand Voyager	MT2502

PONTIAC

97-05	Grand Prix	MT2540
92-99	Bonneville	MT2543
92-05	Grand Am	MT2546
94-00	Firefly	MT2546
90-00	Transport	MT2549
99-07	Montana	MT2554
00-05	Bonneville	MT2550
01-05	Aztek	 MT2740
07	G5	 MT2741
05-07	G6	 MT2741
04-06	GTO	 MT2741

SATURN

93-02	SC, SL, SW series	MT2530
02-05	Vue	MT2531
03-05	Ion	MT2531
05	Relay	MT2531
00-05	L, LS, LW series	MT2532

SUBARU

93-05	Impreza	MT2650
98-05	Forester	MT2650
05	Legacy	MT2651
05	Outback	MT2651
06	B9 Tribeca	MT2651
00-04	Legacy	MT2652
01-04	Outback	MT2652

TOYOTA

94-05	All Models	MT2580
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VOLKSWAGEN

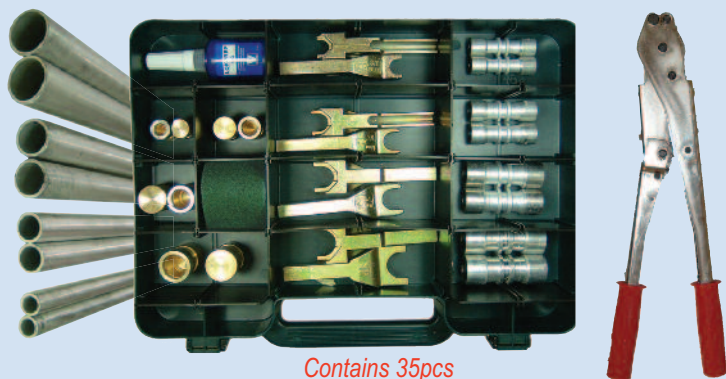
04-05	Touareg	MT2621
94-05	All Models (Except) Touareg	MT2622

VOLVO

00-04	V40	MT2670
03-05	XC70, XC90	MT2671
98-00	S70	MT2672
00-05	S40	MT2673
05	C50	MT2673
01-05	S60	MT2674
98	S90	MT2674

AIR CONDITIONING / COOLANT TUBING REPAIR

0379M - A/C REPAIR ASSORTMENT



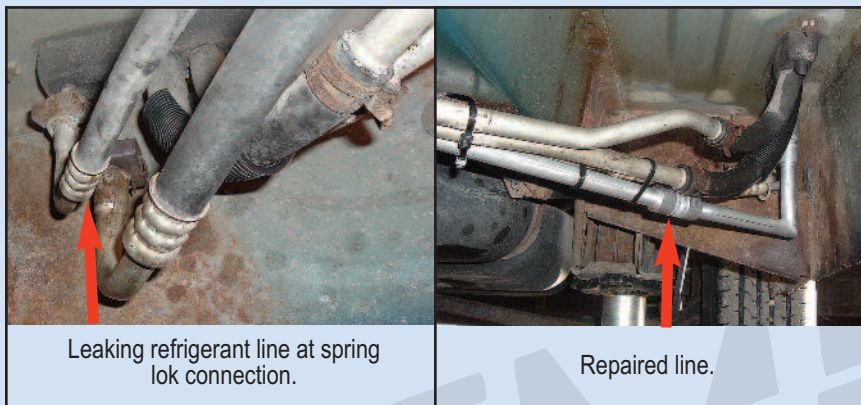
Contains 35pcs

During assembly of a connection, the tubes to be joined are inserted into a union, up to an internal stop. The assembly tool (Part # 5131) is then used to apply pressure to the union, which compresses to complete the connection. This is a quick and simple method of joining tubes that eliminates the fire hazards of brazing and proper torque concerns of threaded connections, while producing permanent leak-free connections.

SUV's



MINI VANS



Leaking refrigerant line at spring lok connection.

Repaired line.

ALUMINUM TUBE JOINING REPAIRS



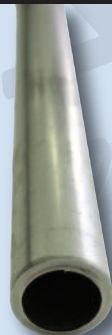
Tubing Joiner Tool
Part # 5131

Replacement Jaw Holding Pin
Part # 5289

ALUMINUM TUBING

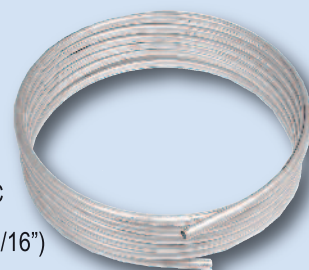
5' TUBING STRAIGHT LENGTH

Part #	Standard	Part #	Metric
5300	3/8"	5299	8mm (5/16")
5301	1/2"	5304	12mm
5302	5/8"	5305	16mm
5303	3/4" (19mm)		



25' TUBING COILS

Part #	Standard	Part #	Metric
5310	3/8"	5309	8mm (5/16")
5311	1/2"	5315	12mm
5312	5/8"	5316	16mm
5313	3/4" (19mm)		



3003-0 ASTM-B483 OEM .049 WALL THICKNESS

A/C TUBE & HOSE CLAMPS



Part #	Size
6001	1/4" A/C Tube & Hose Clamp
6002	3/8" A/C Tube & Hose Clamp
6003	1/2" A/C Tube & Hose Clamp
6004	5/8" A/C Tube & Hose Clamp
6005	3/4" A/C Tube & Hose Clamp

Tubing Joiner Tool Jaws



Part #	Size
5142	5/16" (8mm)
5132	3/8" (10mm)
5133	1/2" (12mm)
5134	5/8" (14/15/16mm)
5135	3/4" (19mm)

Lok Prep

An anaerobic sealant that fills grooves to ensure the integrity of the tube connection. Lok Prep must be used with every connection.



Part # 5140



Tube Cleaning Scuff Pads



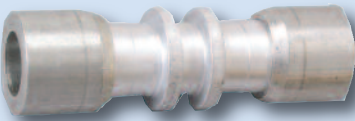
Part # 5141



ALUMINUM JOINERS, REDUCERS UNIONS & BLOCK CAPS

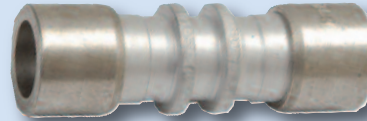
Aluminum Unions Standard Tube

Joins	Aluminum to Aluminum Tube Aluminum to Steel Tube Aluminum to Copper Tube	Part #	Size
		5143	5/16" (8mm)
		5136	3/8"
		5137	1/2"
		5138	5/8" (16mm)
		5139	3/4" (19mm)



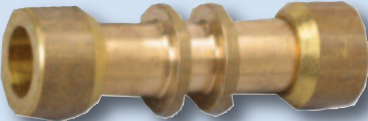
Aluminum Unions Metric Tube

Joins	Aluminum to Aluminum Tube Aluminum to Steel Tube Aluminum to Copper Tube	Part #	Size
		5259	10mm
		5260	12mm
		5261	14mm
		5262	15mm
		5263	18mm



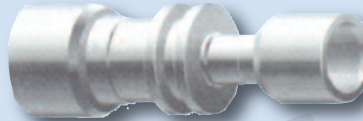
Steel and Copper Tube Unions

Joins	Steel to Steel Tube Steel to Copper Tube Copper to Copper Tube	Part #	Size
		5144	5/16"
		5145	3/8"
		5146	1/2"
		5147	5/8"
		5148	3/4"



Aluminum Reducer Unions

Joins	Aluminum to Aluminum Tube Aluminum to Steel Tube Aluminum to Copper Tube	Part #	Size
		5245	1/2" - 3/8" (13 - 9.5mm)
		5246	5/8" - 1/2" (16 - 13mm)
		5247	3/4" - 5/8" (19 - 16mm)
		5374	3/8 - 5/16" (9.53 - 8mm)



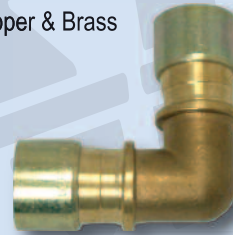
Aluminum 90° Elbows

Joins	Aluminum to Aluminum Tube Aluminum to Steel Tube Aluminum to Copper Tube	Part #	Size
		5394	5/16" (8mm)
		5395	3/8"
		5396	1/2" (13mm)
		5397	5/8" (16mm)
		5398	3/4" (19mm)



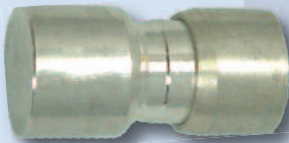
Standard 90° Elbows

Steel, Copper & Brass	Part #	Size
	5290	3/8" / 9.5mm
	5291	1/2" / 12mm
	5292	5/8" / 16mm
	5293	3/4" / 19mm



Tube Block Offs

Aluminum, Steel, Copper & Brass	Part #	Size
	5264	1/4"
	5265	5/16" / 8mm
	5266	3/8" / 9.5mm
	5267	1/2" / 12mm
	5268	5/8" / 16mm
	5350	3/4" / 19mm



Metric 90° Elbows

Steel Copper & Brass	Part #	Size
	5294	10mm
	5295	12mm
	5296	15mm
	5297	18mm



ALUMINUM TUBE REPAIR ENDS

36" Male Internal O-Ring to Female External O-Ring

Part #	Size	Cut line to repair length needed.
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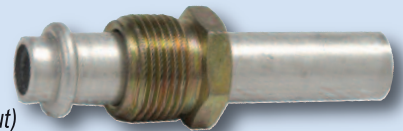
AA0264	3/8"
AA0265	1/2"
AA0266	5/8"
AA0267	3/4"



Male External O-Ring Tube Repair End

Part #	Tube	Repairs condensers and hose line ends.
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5171	3/8"
5174	1/2"
5177	5/8"
5180	3/4"
5183	3/8" (14 x 1.5 Nut)



Male Internal O-Ring Tube Repair End

Part #	Tube	Repairs condensers and hose line ends.
--------	------	--

5172	3/8"
5175	1/2"
5178	5/8"
5181	3/4"
5184	1/2" (20 x 1.5 nut)
5185	3/4" (27 x 2.0 nut)



Female External O-Ring Tube Repair End

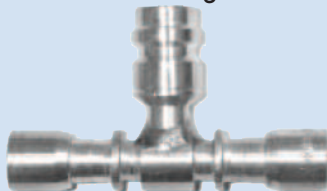
Part #	Tube	Repairs condensers and hose line ends.
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5173	3/8"
5176	1/2"
5179	5/8"
5182	3/4"
5186	3/8" (16 x 1.5 Nut)
5187	1/2" (20 x 1.5 Nut)
5188	5/8" (22 x 1.5 Nut)

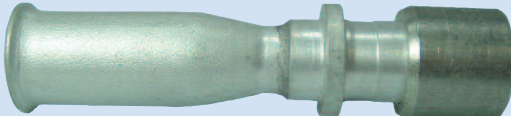


Part #	TUBE
5189	5/8" (24 x 1.5 Nut)
5190	3/4" (27 x 1.5 Nut)

ORIFICE, TUBE & HOSE REPAIR FITTINGS

GM Orifice 1/2" Tube Repair Kit Part # 5256 Repairs liquid line. Install a new serviceable orifice tube at the evaporator, without replacing the complete line. (Orifice tube extra) 	R134a Low Side "T" Splice Service Port  <table> <tr> <th>Part #</th><th>Size</th></tr> <tr> <td>5279</td><td>10mm</td></tr> <tr> <td>5280</td><td>12mm</td></tr> <tr> <td>5281</td><td>1/2"</td></tr> <tr> <td>5282</td><td>5/8"</td></tr> <tr> <td>5283</td><td>3/4"</td></tr> </table>	Part #	Size	5279	10mm	5280	12mm	5281	1/2"	5282	5/8"	5283	3/4"
Part #	Size												
5279	10mm												
5280	12mm												
5281	1/2"												
5282	5/8"												
5283	3/4"												
Ford Spring Lock Orifice 1/2" Tube Repair Kit Part # 5269 Repairs liquid line. Install a new serviceable orifice tube, without replacing the complete line. (Orifice tube extra) 	R134a High Side "T" Splice Service Port  <table> <tr> <th>Part #</th><th>Size</th></tr> <tr> <td>5284</td><td>8mm</td></tr> <tr> <td>5285</td><td>3/8"</td></tr> <tr> <td>5286</td><td>10mm</td></tr> <tr> <td>5287</td><td>12mm</td></tr> <tr> <td>5288</td><td>1/2"</td></tr> </table>	Part #	Size	5284	8mm	5285	3/8"	5286	10mm	5287	12mm	5288	1/2"
Part #	Size												
5284	8mm												
5285	3/8"												
5286	10mm												
5287	12mm												
5288	1/2"												
GM/Ford Orifice 1/2" Tube Repair Kit Part # 5270 Repairs liquid line. Install a new serviceable orifice tube, without replacing the complete line. (Orifice tube extra) 	"T" Tap Fittings for Add-on Air Conditioning  <table> <tr> <th>Part #</th><th>SIZE</th></tr> <tr> <td>5271</td><td>3/8"</td></tr> <tr> <td>5272</td><td>1/2"</td></tr> <tr> <td>5273</td><td>5/8"</td></tr> <tr> <td>5274</td><td>3/4"</td></tr> </table>	Part #	SIZE	5271	3/8"	5272	1/2"	5273	5/8"	5274	3/4"		
Part #	SIZE												
5271	3/8"												
5272	1/2"												
5273	5/8"												
5274	3/4"												
GM Truck Orifice Tube Repair Kit & Lower Condenser Repair Line Part # 5359 88-98 GM - C, K, Tahoe & Suburban W/M20 X 1.5 tube nut fitting 	GM Truck Upper Condenser Repair Line Part # 5358 88-98 GM - C, K, Tahoe & Suburban W/M20 X 1.5 tube nut fitting 												

HOSE FERRULES, FITTINGS & SPRING LOKS

Barrier Hose Ferrules  Easily crimped steel ferrules. (OE Sized Hose Ferrules) <table><tr><th>Part #</th><th>Hose</th></tr><tr><td>AC0221</td><td># 6 - 5/16"</td></tr><tr><td>AC0222</td><td># 8 - 13/32"</td></tr><tr><td>AC0223</td><td># 10 - 1/2"</td></tr><tr><td>AC0224</td><td># 12 - 5/8"</td></tr></table>	Part #	Hose	AC0221	# 6 - 5/16"	AC0222	# 8 - 13/32"	AC0223	# 10 - 1/2"	AC0224	# 12 - 5/8"	Reduced Barrier Hose Ferrules  Easily crimped steel ferrules. (OE Sized) <table><tr><th>Part #</th><th>Hose</th></tr><tr><td>AC0217</td><td># 6 - RB</td></tr><tr><td>AC0218</td><td># 8 - RB</td></tr><tr><td>AC0219</td><td># 10 - RB</td></tr><tr><td>AC0220</td><td># 12 - RB</td></tr></table>	Part #	Hose	AC0217	# 6 - RB	AC0218	# 8 - RB	AC0219	# 10 - RB	AC0220	# 12 - RB	Oversize Hole Barrier Hose Ferrules  Easily crimped steel ferrules. (Ferrules used in 3-step Repair Assortment AR6350) <table><tr><th>Part #</th><th>Hose</th></tr><tr><td>CR6306</td><td># 6 - 5/16"</td></tr><tr><td>CR6308</td><td># 8 - 13/32"</td></tr><tr><td>CR6310</td><td># 10 - 1/2"</td></tr><tr><td>CR6312</td><td># 12 - 5/8"</td></tr></table>	Part #	Hose	CR6306	# 6 - 5/16"	CR6308	# 8 - 13/32"	CR6310	# 10 - 1/2"	CR6312	# 12 - 5/8"	Tube Lok Fitting  Using reducing unions (Part # 5245, 5246, 5247), stepping up or down tube sizes is easily performed <table><tr><td rowspan="4">Standard Barrier Hose</td><td>5252</td><td>3/8" tube to # 6 hose</td></tr><tr><td>5253</td><td>1/2" tube to # 8 hose</td></tr><tr><td>5254</td><td>5/8" tube to # 10 hose</td></tr><tr><td>5255</td><td>3/4" tube to # 12 hose</td></tr><tr><td rowspan="4">Reduced Barrier Hose</td><td>5352</td><td>3/8" tube to # 6 hose</td></tr><tr><td>5353</td><td>1/2" tube to # 8 hose</td></tr><tr><td>5354</td><td>5/8" tube to # 10 hose</td></tr><tr><td>5355</td><td>3/4" tube to # 12 hose</td></tr></table>	Standard Barrier Hose	5252	3/8" tube to # 6 hose	5253	1/2" tube to # 8 hose	5254	5/8" tube to # 10 hose	5255	3/4" tube to # 12 hose	Reduced Barrier Hose	5352	3/8" tube to # 6 hose	5353	1/2" tube to # 8 hose	5354	5/8" tube to # 10 hose	5355	3/4" tube to # 12 hose
Part #	Hose																																																		
AC0221	# 6 - 5/16"																																																		
AC0222	# 8 - 13/32"																																																		
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AC0217	# 6 - RB																																																		
AC0218	# 8 - RB																																																		
AC0219	# 10 - RB																																																		
AC0220	# 12 - RB																																																		
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CR6306	# 6 - 5/16"																																																		
CR6308	# 8 - 13/32"																																																		
CR6310	# 10 - 1/2"																																																		
CR6312	# 12 - 5/8"																																																		
Standard Barrier Hose	5252	3/8" tube to # 6 hose																																																	
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Reduced Barrier Hose	5352	3/8" tube to # 6 hose																																																	
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Female Spring Lok  <table><tr><th>Part #</th><th>Tube</th></tr><tr><td>5450</td><td>3/8"</td></tr><tr><td>5454</td><td>1/2"</td></tr><tr><td>5458</td><td>5/8"</td></tr><tr><td>5466</td><td>3/4"</td></tr><tr><td>5462</td><td>5/8"</td></tr></table>	Part #	Tube	5450	3/8"	5454	1/2"	5458	5/8"	5466	3/4"	5462	5/8"	Male Spring Lok  <table><tr><th>Part #</th><th>Tube</th></tr><tr><td>5451</td><td>3/8"</td></tr><tr><td>5455</td><td>1/2"</td></tr><tr><td>5459</td><td>5/8"</td></tr><tr><td>5467</td><td>3/4"</td></tr><tr><td>5463</td><td>5/8"</td></tr></table>	Part #	Tube	5451	3/8"	5455	1/2"	5459	5/8"	5467	3/4"	5463	5/8"																										
Part #	Tube																																																		
5450	3/8"																																																		
5454	1/2"																																																		
5458	5/8"																																																		
5466	3/4"																																																		
5462	5/8"																																																		
Part #	Tube																																																		
5451	3/8"																																																		
5455	1/2"																																																		
5459	5/8"																																																		
5467	3/4"																																																		
5463	5/8"																																																		
Female 90° Elbow Spring Lok  <table><tr><th>Part #</th><th>Tube</th></tr><tr><td>5452</td><td>3/8"</td></tr><tr><td>5456</td><td>1/2"</td></tr><tr><td>5460</td><td>5/8"</td></tr><tr><td>5468</td><td>3/4"</td></tr><tr><td>5464</td><td>5/8"</td></tr></table>	Part #	Tube	5452	3/8"	5456	1/2"	5460	5/8"	5468	3/4"	5464	5/8"	Male 90° Elbow Spring Lok  <table><tr><th>Part #</th><th>Tube</th></tr><tr><td>5453</td><td>3/8"</td></tr><tr><td>5457</td><td>1/2"</td></tr><tr><td>5461</td><td>5/8"</td></tr><tr><td>5469</td><td>3/4"</td></tr><tr><td>5465</td><td>5/8"</td></tr></table>	Part #	Tube	5453	3/8"	5457	1/2"	5461	5/8"	5469	3/4"	5465	5/8"																										
Part #	Tube																																																		
5452	3/8"																																																		
5456	1/2"																																																		
5460	5/8"																																																		
5468	3/4"																																																		
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5453	3/8"																																																		
5457	1/2"																																																		
5461	5/8"																																																		
5469	3/4"																																																		
5465	5/8"																																																		

HOSE LOK FITTINGS

Hose Lok Fitting

Part #	Size
5471	5/16" Tube to # 6 Hose
5248	3/8" Tube to # 6 Hose
5249	1/2" Tube to # 8 Hose
5250	5/8" Tube to # 10 Hose
5251	3/4" Tube to # 12 Hose

Hybrid Hose Lok Fitting

Part #	Size
5473	5/8" tube to # 12 hose

Metric Hose Lok Fitting

Part #	Size
5474	10mm Tube to # 6 Hose
5475	15mm Tube to # 10 Hose
5476	14mm Tube to # 10 Hose
5356	12mm Tube to # 8 Hose

45° Hose Lok Fitting

Part #	Size
5370	3/8" Tube to # 6 Hose
5371	1/2" Tube to # 8 Hose
5372	5/8" Tube to # 10 Hose
5373	3/4" Tube to # 12 Hose

90° Hose Lok Fitting

Part #	Size
5360	3/8" Tube to # 6 Hose
5361	1/2" Tube to # 8 Hose
5362	5/8" Tube to # 10 Hose
5363	3/4" Tube to # 12 Hose

Hose Lok Reduced Barrier Hose Fitting

Part #	Size
5470	5/16" Tube to # 6 Hose
5275	3/8" Tube to # 6 Hose
5276	1/2" Tube to # 8 Hose
5277	5/8" Tube to # 10 Hose
5278	3/4" Tube to # 12 Hose

Hybrid Reduced Barrier Hose Lok Fitting

Part #	Size
5472	5/8" tube to # 12 hose

Metric Reduced Barrier Hose Lok Fitting

Part #	Size
5477	10mm Tube to # 6 Hose
5478	15mm Tube to # 10 Hose
5479	14mm Tube to # 10 Hose
5357	12mm Tube to # 8 Hose

45° Hose Lok Reduced Barrier Hose Fitting

Part #	Size
5375	3/8" Tube to # 6 Hose
5376	1/2" Tube to # 8 Hose
5377	5/8" Tube to # 10 Hose
5378	3/4" Tube to # 12 Hose

90° Hose Lok Reduced Barrier Hose Fitting

Part #	Size
5365	3/8" Tube to # 6 Hose
5366	1/2" Tube to # 8 Hose
5367	5/8" Tube to # 10 Hose
5368	3/4" Tube to # 12 Hose

HYDRAULIC CRIMPING TOOL

Hydraulic crimp tool makes crimping barbed and beaded fittings as easy as 1 - 2 - 3 ! The light weight hand-held hydraulic press is portable and ideal for shop and field applications.

Part No.	Description
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71500	Hydraulic Crimping Tool
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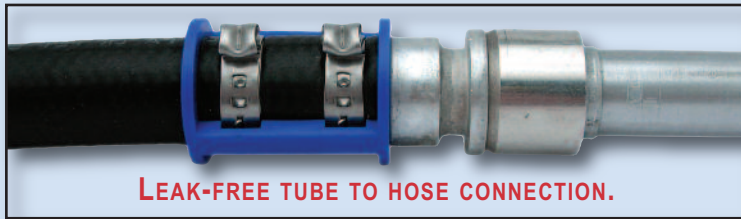
Each 71500 Kit comes complete with the following replaceable parts

71500-6	Die Set - # 6 (5/16")
	Die Set - # 8 (13/32") - <i>Reduced Barrier</i>
71500-8	Die Set - # 8 (13/32")
71500-10	Die Set - # 10 (1/2")
71500-12	Die Set - # 12 (5/8")
71500-6SRB	Die Set - # 6 (5/16") - <i>Reduced Barrier</i>
71500-10SRB	Die Set - # 10 (1/2") - <i>Reduced Barrier</i>
71500-12SRB	Die Set - # 12 (5/8") - <i>Reduced Barrier</i>



The die snaps quickly into the press feature requiring no tools pins or fasteners.

LOK CRIMP R134A REDUCED BARRIER HOSE & TUBE REPAIR

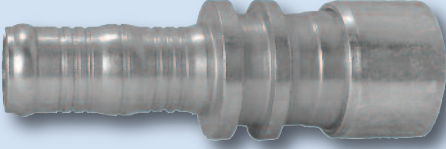
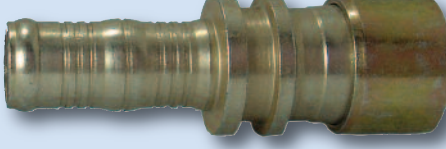
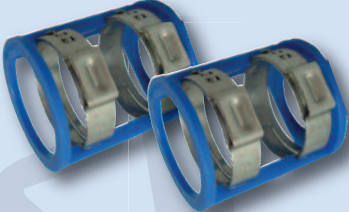


LEAK-FREE TUBE TO HOSE CONNECTION.

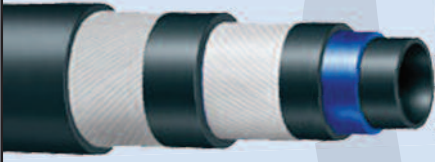


LEAK-FREE HOSE TO HOSE CONNECTION.

ALL FITTINGS INCLUDE BLUE CAGE & CLAMPS.

Hose to tube repair fitting.		Aluminum		Hose to tube repair fitting.		Steel	
		Part #	Hose Tube			Part #	Hose Tube
		5381	# 6			5385	# 6 3/8"
		5382	# 8			5386	# 8 1/2"
		5383	# 10			5387	# 10 5/8"
		5384	# 12			5388	# 12 3/4"
Hose to hose repair fitting.		Steel				Blue Cage & Clamps	
		Part #	Hose			Part #	Hose
		5389	# 6 -5/16"			5324HP	# 6 -5/16"
		5390	# 8 - 13/32"			5325HP	# 8 - 13/32"
		5391	# 10 - 1/2"			5326HP	# 10 - 1/2"
		5392	# 12 - 5/8"			5327HP	# 12 - 5/8"

R134A REFRIGERANT BARRIER HOSE

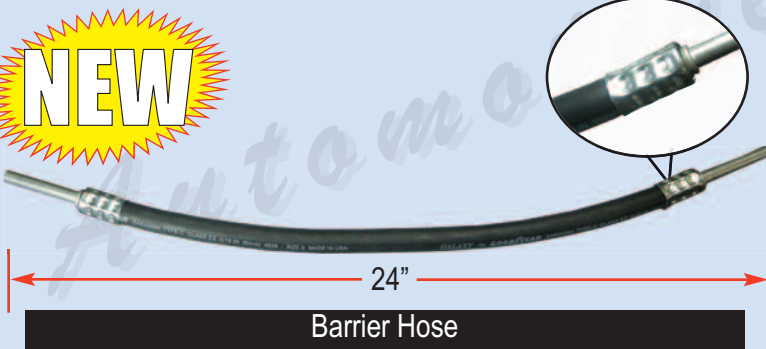
5' & 25' Foot Coils		5' & 25' Foot Coils	
<i>Barrier Hose</i>		<i>Reduced Barrier Hose</i>	
<i>For R134a, R12, REPLA 134, and other mobile refrigerants</i>		<i>For R134a, R12, REPLA 134, and other mobile refrigerants</i>	
			
AR516	# 6 -5/16"	RB516	# 6 -5/16"
AR516-5	# 6 -5/16"	RB516-5	# 6 -5/16"
AR1332	# 8 - 13/32"	RB1332	# 8 - 13/32"
AR1332-5	# 8 - 13/32"	RB1332-5	# 8 - 13/32"
AR12	# 10 - 1/2"	RB12	# 10 - 1/2"
AR12-5	# 10 - 1/2"	RB12-5	# 10 - 1/2"
AR58	# 12 - 5/8"	RB58	# 12 - 5/8"
AR58-5	# 12 - 5/8"	RB58-5	# 12 - 5/8"

A/C UNIVERSAL HOSE TO TUBE REPAIR LINES

LOK CRIMP HOSE SYSTEM ASSORTMENT # 0464

LOK CRIMP SYSTEM ALSO REPAIRS TRANSMISSION, OIL, AND POWER STEERING COOLER LINES & HOSES.

LEAK-FREE HOSE TO HOSE AND TUBE TO HOSE CONNECTIONS.



24"

Barrier Hose

Part #	Size
5252R	3/8" tube x # 6 hose x 24" A/C Hose to Tube Repair
5253R	1/2" tube to # 8 host x 24" A/C Hose to Tube Repair
5254R	5/8" tube to # 10 hose x 24" A/C Hose to Tube Repair
5255R	3/4" tube to # 12 hose x 24" A/C Hose to Tube Repair

Reduced Barrier Hose

Part #	Size
5352R	3/8" tube x # 6 hose x 24" A/C Hose to Tube Repair
5353R	1/2" tube to # 8 host x 24" A/C Hose to Tube Repair
5354R	5/8" tube to # 10 hose x 24" A/C Hose to Tube Repair
5355R	3/4" tube to # 12 hose x 24" A/C Hose to Tube Repair



Includes # 5414 pincers.

ORIFICE TUBES

Part # 5000 (MT0093)



Red Evaporator Mounted (.062")
Ford Cars '97-'05, Ford Cars '93, Ford Trucks '86-'05,
Mazda '98-2000, Mazda '91, '92, '94

Part # 5001 (MT0096)



Green Evaporator Mounted (.052")
Ford Cars '94-'97, Mazda '98-2000

Part # 5002 (MT0094)



Orange Evaporator Mounted (.057")
Dodge Trucks 2000-'04, Ford Cars '84-'05,
Ford Trucks '88-'97, '01-'05, Hyundai '89-2000,
Jeep 2000-'05, Nissan '93-2000

Part # 5003 (MT0098)



Black/White Condenser Mounted (.072")
GM Cars '87-'05, GM Trucks '90-'05

Part # 5004 (MT0097)



White Evaporator Mounted (.072")
GM Cars '73-'05, GM Trucks '75-'05

Part # 5023 (MT0092)



Blue Evaporator Mounted (.067")
Ford Cars '80-'01, Ford Trucks '80-'86, '90-'05,
Mazda '93-97, Nissan '93-2000

Part # 5085 (MT0095)



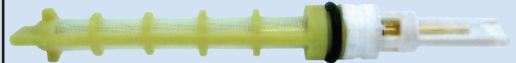
Brown Evaporator Mounted (.047")
Ford Trucks '86-'97

Part # 5086 (MT0091)



Purple Condenser Mounted (.062")
Chrysler Cars '90-'92, Dodge Trucks '94-'04,
Eagle '88-'92

Part # 5087 (MT0099)



Yellow Evaporator Mounted (.062")
Audi '92-'04, GM Cars '97-'05,
GM Trucks '98-2000, '02-'05

Part # 5088 (MT0324)



Yellow Condenser Mounted "T" Top Style (.062")
GM Cars '98-'04, GM Trucks '96-'05

Part # 5089 (MT0923)



Orange Condenser Mounted (.057")
Geo Cars '98-2000

Part # 5090 (MT0924)



Grey (PPOT) (.062")
GM Cars '99-'05

Part # 5092 (MT0309)



Grey Evaporator Mounted (.067")
Audi '85-'93, Volkswagen '87-'93

Part # 5093 (MT0347)



Yellow Evaporator Mounted (.062")
GM Cars '97-'05

Part # MT1243



Black Evaporator Mounted (.072")
Ford Trucks '02-'05

Part # MT1244



Orange Condenser Mounted (.057")
Jeep '93-'05

Part # MT1245



Yellow Evaporator Mounted (.062")
Volvo '83-2000

SEVERE DUTY VARIABLE ORIFICE TUBES

Part # MT0628



Condenser Mounted
GM Cars '87-'05, GM Trucks '90-'05, Jeep '93-'05

Part # MT0629



Evaporator Mounted
Audi '85-'05, Chrysler '90-'92, Dodge Trucks '94-'04, Ford Cars &
Trucks '80-'05, Geo '98-2000, GM Cars & Trucks '73-'05,
Hyundai '89-2000, Jeep '97-'05, Mazda '91-'02, Nissan '93-2000,
Volkswagen '87-'93, Volvo '83-2000

Part # MT0630



Condenser Mounted
GM Cars '87-'05, GM Trucks '90-'05, Jeep '93-'05

Part # MT0631



Evaporator Mounted
Audi '85-'05, Chrysler '90-'92, Dodge Trucks '94-'04, Ford Cars & Trucks
'80-'05, Geo '98-2000, GM Cars & Trucks '73-'05, Hyundai '89-2000,
Jeep '97-'05, Mazda '91-'02, Nissan '93-2000,
Volkswagen '87-'93, Volvo '83-2000

ORIFICE TUBE REPAIR KITS



Part # 5094
GM-Ford Evaporator Inlet



Part # 5095
GM-Ford Liquid Line



Part # 5096
Ford Springlock Repair Kit

ORIFICE TUBE INSTALLER & REMOVER TOOLS

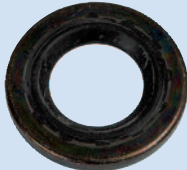
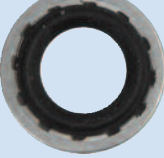


Part # 5099
Install or Remove all Orifice Tubes

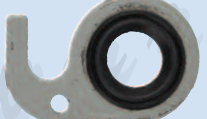


Part # 5100
Broken Orifice Tube Remover

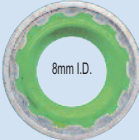
Compressor Sealing Washers

Part # 5107 (MT0119) 5/8" Black 	Part # 5108 (MT0121) 5/8" Thin 	Part # 5109 (MT0120) 3/4" Thin 	Part # 5110 (MT0122) 5/8" Green 	Part # 5111 (MT0123) 5/8" Red 	Part # 5112 (MT0124) 5/8" Yellow 
Part # 5113 5/8" Thin 	Part # 5114 (MT0114) Short Pilot Bushing  Part # 5115 (MT0114) Long Pilot Bushing 	Part # MT0395-10 # 10 - 15mm Slim-Line 	Part # 5242 (MT0369) 8mm Slim-Line 	Part # 5243 (MT0370) 11mm Slim-Line 	Part # 5244 (MT0371) 17mm Slim-Line 

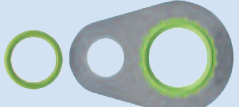
Chrysler Metal Sealing Gaskets

Part # 5015 (MT0049) Suction Line 	Part # 5016 (MT0044) Manifold to Expansion 	Part # 5017 (MT0045) Condenser Manifold 	Part # 5018 (MT0037) Receiver Dryer 	Part # 5019 (MT0048) Suction Discharge Port 	Part # 5020 Suction Line Flange 
Part # 5021 (MT0042) TXV to Evaporator (Gold Valve) 	Part # 5022 (MT0047) Manifold to Expansion Valve 	Part # 5054 Sealing Gasket 	Part # 5082 (MT0041) RV2 Sanden Discharge Port 	Part # 5200 (MT0330) Silver Suction Sealing Washer 	Part # 5201 (MT0329) Gold Suction Sealing Washer 

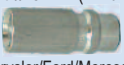
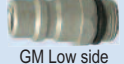
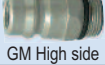
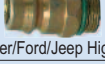
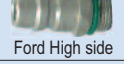
Chrysler Sealing Washers

Part # MT1211-10  8mm I.D.	Part # MT1212-10  9.5mm I.D.	Part # MT1213-10  15mm I.D.	Part # MT1214-10  17mm I.D.
Part # MT1215  17.5mm I.D.	Part # MT1216-10  18mm I.D.	Part # MT1217  Discharge Sealing Washer & O-ring Kit	Part # MT1298  Suction Sealing Washer & O-ring Kit

Ford Sealing Washers

Part # MT1299  Discharge Sealing Washer & O-ring Kit	Part # MT1343  Suction Sealing Washer & O-ring Kit
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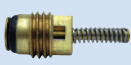
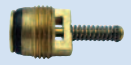
R134a Refrigeration Ports

Part # 5116 GM High Side 	Part # 5117 (MT0145) Chrysler/Ford/Mercedes 
Part # 5118 (MT0105) Chrysler High Side 	Part # 5119 Chrysler/Ford/Jeep High Side 
Part # 5120 Chrysler/Ford/Jeep Low side 	Part # 5121 (MT0039) GM Low side 
Part # 5122 GM High side 	Part # 5123 Chrysler/Ford/Jeep Low side 
Part # 5124 Chrysler/Ford/Jeep High side 	Part # 5125 Ford High side 

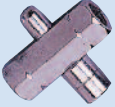
Service Port Caps

Part # 5042 (MT0069) High Side 	Part # 5043 (MT0063) Low Side 
Part # MT0061-5 Low Side Blue M8-1.0 	Part # MT0062-5 Low Side Black M8-1.0 
Part # MT0067-5 High Side Red M10-1.25 	Part # MT0068-5 High Side Black M10-.75 
Part # MT0106-5 Primary Black M8-1.0 	Part # MT0310-5 Low Side Light Blue M9-1.0 
Part # MT0311-5 High Side Light Blue M10-1.25 	Part # MT0348-10 Low Side Black M8-1.0 

Refrigerant Port Valve Core

Part # 5044 (MT0064) Universal Standard 	Part # 5045 (MT0058) GM High Flow 
Part # 5102 (MT0059) High Flow JRA 	Part # 5103 STV/POA/VIR 
Part # 5104 (MT0050) Eaton 13mm SSV High Flow 	Part # 5105 (MT0065) Eaton 16mm SSV High Flow 

Valve Core Tools

Part # 5097 Valve Core Installation & Removal Tool 	Part # 5127 Large Valve Core Installation & Removal Tool 
Part # 5126 16mm Low Side 	Part # 5128 16mm High Side 
Part # 5091 Port Thread Cleaner 3/16" - 1/4" 	

R134A GAUGE SET, REPLACEMENT HOSES & SERVICE COUPLERS

Part # MT0399

R134a Gauge Set Complete with 72" Hoses and Couplers



Complete Gauge Set Includes:

- Premium 72" 3000psi Burst Pressure Hoses.
- High Quality High & Low Side Shut Off Couplers
- Anodized aluminum body with extra large site glass. allow air to bleed before recharging with refrigerant.
- Large easy read gauge
- Yellow fill hose equipped with air bleed valve to

R12 & R134A CONVERSION KIT

Part # MT2164



Part # MT0406
R134a Low Side Service
Coupler with Shut-off
14mm x 1.5



Part # MT0407
R134a High Side Service
Coupler with Shut-off
14mm x 1.5



Part # MT0403
R134a Replacement Hose 72"



Part # MT0404
R134a Replacement Hose 72"

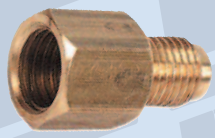


Part # MT0405
R134a Replacement Hose 72"

R134A ADAPTERS & COUPLERS



Part # MT0431
Adapter - 1/4" Male to 14mm
(R12 Conversions to R134a)



Part # MT0432
Adapter - 1/2" Acme to 1/4" Male
(R134a Cylinder Adapter)



Part # MT0433
Adapter - 1/4" Female to 1/2"
Acme Male (Vacuum Pump)



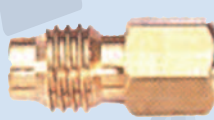
Part # MT0440
R134a Low Side 14mm x 1.5
(Quick Coupler)



Part # MT0441
R134a High Side 14mm x 1.5
(Quick Coupler)



Part # MT1032
Anti-blow back valve
(R134a - 1/2" Acme thread)



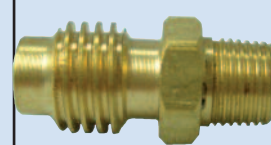
Part # MT1143
Adapter - 1/4" Female x
M10 x 1.5 Male



Part # MT1144
Adapter - 14mm Male x M12
x 1.75 Male



Part # MT1145
Adapter - 14mm Male x 10M
x 1.5 Male



Part # MT1146
Adapter - 1/2" Acme Male
x 1/8" MPT



Part # 1519
1/8" Male x 7/16" -20 Male
with Valve Core



Part # MT1520
1/8" Male x 3/16" 20 Male
with Valve Core



Part # MT1522
1/8" Male x 7/16"-20 Male
with Valve Core



Part # MT1606
3/8"-24 Male x M10-1.25
with Valve Core



Part # MT1607
3/8"-24 Male x m12-1.50
with Valve Core

R134A QUICK COUPLER REPAIR KITS



MT2151
R134a Repair Kit

Used For MT0406 & MT0407



MT2152
R134a Repair Kit

Used for MT0440 & MT0441 Couplers



MT1056
R134a O-Ring Seal
Shut off Valve



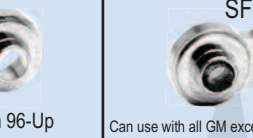
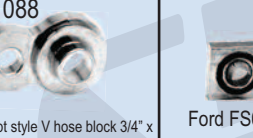
MT2173
R134a Charging Hose
Replacement Gaskets & O-Rings



IN-LINE FILTERS

 MT1579 In-Line Filter- OEM Located internal of liquid line OEM: Located Liquid Line Black - 60mm Length GM: 89022560 Chevy /GMC Trucks- 07'-09 Isuzu - 07'-09	 MT1580 In-Line Filter- OEM Located internal of liquid line OEM: Located Liquid Line Light Blue - 28mm Length GM: 15951308 GM Cars - 08' GM Trucks - 07'-08' Saturn - 07'-08	 MT1581 In-Line Filter- OEM Located internal of liquid line OEM: Located Liquid Line Black - 60mm Length with O-ring GM: 25687579 GM Cars - 01'-03"	 MT1582 In-Line Filter- OEM Located internal of liquid line OEM: Located Liquid Line Light Blue - 80mm Length with O-ring GM: 10356437 GM Cars - 05'-09'	 MT1583 In-Line Filter- OEM Located internal of liquid line OEM: Located Liquid Line Green - 80mm Length with O-ring GM: 21999762 GM Cars - 06'-09'	 MT1584 In-Line Filter- OEM Located liquid line at Expansion Valve OEM: Located at Expansion valve block Light Blue - 28mm Length Toyota: 88377-04010 Toyota - 05'- 08'
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SUCTION FILTERS

 SF1002 Sanden with GM style pad mount	 SF1023 GM HT6 & HU6 from 96-Up (Can Use with GM 95-Up (5/8" x 5/8")	 SF1088 Can use with all GM except style V hose block 3/4" x 5/8" or 5/8" x 5/8" R4, DA6, HR6, HD6	 SF2001 Ford FS6 Compressor Single Port	 SF2002 Ford FS6 Dual port & some 10P Nippondenso Series
 SF2003	 SF3001	 SF3002	 SF3003	 SF4001
 SF4002	 SF5001	 SF5002	 SF6001	 SF8001
 SF7001	 SF8020	 SF8025	 SF9001	 SF9010

The Problem

When an A/C System has a major compressor failure, some of the debris can be carried backward through the compressor an into the low pressure side of the A/C System. Flushing cannot remove all of the debris. DAMAGE occurs when the debris loosens and enters the compressor on start-up.



The Solution Suction Filters

Mounts directly on the compressor. Easy to INSTALL. They offer Extensive Coverage for Domestic & IMPORT vehicles. Does not require line to be cut, or special tools for installation or removal. Can be cleaned and reused. Screen cannot become dislodged and enter the compressor. Comes complete with all hardware to re-install lines.

Part #	Description
SF1002	Sanden with GM style pad mount
SF1023	GM HT6 & HU6 from 96-Up (Can Use with GM 95-Up (5/8" x 5/8")
SF1088	Can use with all GM except style V hose block 3/4" x 5/8" or 5/8" x 5/8" R4, DA6, HR6, HD6
SF2001	Ford FS6 Compressor Single Port
SF2002	Ford FS6 Dual port & some 10P Nippondenso Series
SF2003	Ford FS10 & FX15
SF3001	Chrysler 6C17
SF3002	Chrysler Prods A590 & C171
SF3003	TRS90 Chrysler
SF4001	Nissan Products 2 bolt hose block MJS170, NVR140,DKV14C
SF4002	Nissan Products DKV14, DKS16H
SF5001	Mitsubishi FX90, FX105
SF5002	Mitsubishi MSC90 & MSC105
SF6001	Honda TRF090 & NL1300
SF7001	Toyota TV12C & TV14C
SF8001	Nippondenso 10PA series Use by Ford, GM, Chrysler, Toyota, Honda, etc..
SF8020	Mercedes 10P Nippondenso 10PA Nippondenso
SF8025	For Seltec & Sanden with chargeable hose block connectors
SF9001	Rotalock & Tube-O
SF9010	7/8" O-Ring

PAG, ESTER OIL & SEALANTS

NEW

Hybrid Electric Air Conditioning Lubricant

Part # MT3032

Compatible with all Hybrid vehicles that utilize R134a A/C systems using electrically-driven compressors.

Providing the ultimate in compressor protection, this hybrid electric A/C lubricant contains anti-wear agents and has maximum dielectric strength.

8oz
(237ml)



Compatible with The Following Hybrid Vehicles

08' Chevy Tahoe
08' GMC Yukon
05'-07' Honda Accord
06'-08' Honda Civic
07'-08' Lexus GS450h
08' Lexus L600h
06'-08' Lexus RX400h
07'-08' Nissan Altima
07'08' Toyota Camry
06'-08' Toyota Highlander
04'-08' Toyota Prius

NEW

REPLA 134 Refrigerant Replacement

(6oz Equivalent to 17oz(481g) of R134a)
(6oz Equivalent to 19oz(538g) of R12)

New 6oz Can

Part # AR4247

6oz Can of Refrigerant Only
2 Cans = Complete System Fill (Most Cars)

Part # AR4248

Refrigerant w/ installation hose for R134a Systems

Part # AR4255

Refrigerant w/ installation hose for R12 Systems

Part # AR4253

Tank of Repla 134 (Equivalent to 36lbs of R134a)



PAG Oils (Polyalkylene Glycol)

(PAG Oil to compressor application chart with each use)



PAG 46

Part # 49602

PAG 46 w/ UV Dye

Part # 50602

8oz



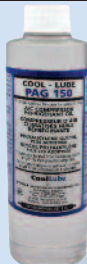
PAG 100

Part # 49603

PAG 100 w/ UV Dye

Part # 50603

8oz



PAG 150

Part # 49604

PAG 150 w/ UV Dye

Part # 50604

8oz

PAG Oil Assortment

49605 Contains:

- (4) 49602
- (4) 49603
- (4) 49604

PAG Oil w/ UV Dye Assortment

50605 Contains:

- (4) 50602
- (4) 50603
- (4) 50604

R134a RECHARGE HOSE WITH GAUGE

NEW



AR4252

R134a Gauge Set
Includes:

- Quick Coupler
- Can Tap
- Gauge & Hose

UV LEAK DETECTION KIT

NEW



AR4260

Includes:

- 6 Dye Syringes
- UV Light
- Dye Hose

A/C SYSTEM TUNE UP KIT

NEW



AR4232

Includes:

- Hose & Gauge Set
- Repla 134 (2)
- Kool-Air Seal 1 (1)

UV Dye



UV Leak Detection
Fluorescing Dye
Part # AR4280 (8 oz)
Part # AR4285 (12 X 1/2" oz)

UV Dye Syringe & Installation Hose



Easy-fill Syringes
Part # MT1062



Easy-fill Syringe
Installation Hose
Part # MT1060

ESTER Oils (Polyol Ester)



2oz ESTER 100
Part # 49620
With UV Dye

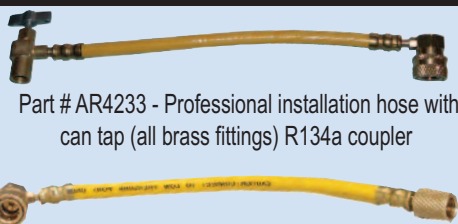


ESTER 100
Part # 49597
ESTER 100 w/ UV Dye
Part # 51597



ESTER 100 w/ UV Dye
Part # 49601 (1)
Case of (12)
Part # 49615

Installation Hoses & Can Tap



Part # AR4233 - Professional installation hose with can tap (all brass fittings) R134a coupler



Part # AR4236 - Professional installation hose (all brass fittings) R134a coupler used with AR4245 can tap



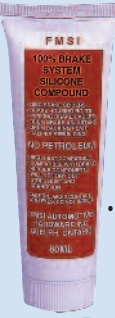
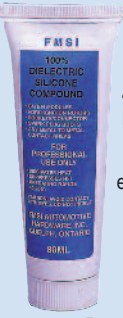
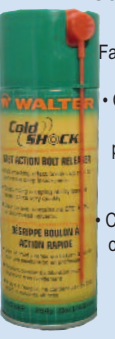
Can Tap
Part # AR4245
Heavy Duty can tap used with # AR4236 hose

UV Dye Injector



Dye and Refrigerant Oil Injector
Part # AR6222

Lubricants & Chemicals

100% Silicone Lubrication  • OEM Style brake & Multi-purpose Lube • Stops caliper slides • Non Petroleum Based • WILL NOT WASH OFF Part # 49592	100% Silicone Lubrication  • OEM Style brake & Dielectric compound • Stops arching on electrical components • Prevents seizing • WILL NOT WASH OFF Part # 49593	Premium Vacuum Pump Oil  937ml Bottle Part # 5098	Flush Gun <i>Condensers, Evaporators Hoses etc..</i>  Part # AR8203	Cold Shock <i>Fast Action Bolt Releaser</i> • Cold Cracking effect to break up rust and penetrate deep inside joints • Contains no CFC, HCFC or chlorinated solvents  Part # 530882
Brake Cleaner  • Non Chlorinated • Removes Dirt, Grease & Brake Dust • Does not leave residue • Will not Damage rubber components Part # FM720	Quik Pen Lubricant  High strength penetrating lubricant. It's powerful formulation assures constant lubrication even under the most extreme conditions FMSI # FM2005	Air Intake Cleaner  Effectively cleans dirt, gum and varnish from carburetors, fuel injection throttle bodies, automatic chokes & PVC valves. Part # FM2018	Quick Dry Flush  Designed to clean and remove contaminants from R134a and R12 Automotive systems Compatible with PAG, Ester & Mineral Oils AR8201-3 (3pk) AR8201 (12pk) Part # AR8201	Evaporator Treatment  Eliminates Most offensive odors Prevents future odors by leaving a protective film on evaporator surfaces. Kills bacteria, mold & mildew on evaporator surfaces AR8202-3 (3pk) AR8202 (12pk) FMSI # AR8202

Performance Sealants & System Dry

Metal Sealant  Kool Air Seal # 1 Metal Components and Fittings Sealant Part # AR4237	O-Ring & Hose Sealant  Kool Air Seal # 2 O-Ring and Hose Condition Sealant Part # AR4238	System Dry  System Dry Dries System and Refrigerant Oil(stops oil gelling) Part # AR4234
--	--	--

Leak Detection Spray

NEW

Part # 5505

For quick and easy detections of leaks in pressurized tubes. The spray is anti-corrosive, non-irritating and not flammable.



Air Conditioning Flush Machine

After compressor failure, A/C system components must be flushed to ensure warranty eligibility



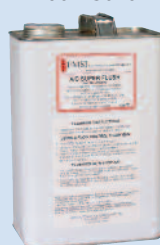
Part # AR6224

Part Flush Machine Adapter Assortment



Part # AR6225

Part Quick Dry Solvent 128oz Gallon



Part # AR4202

Start-up Flush Machine Kit # AR6226

Contains:

AR6224 - Flush Machine
AR6225 - Adapter Kit
AR4202 - Quick Dry Solvent

Vacuum Pump

NEW

Part # 5101

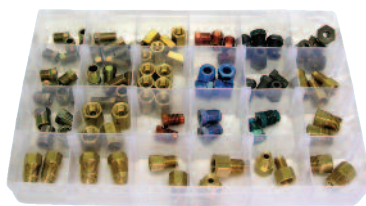
Features:
Prevents Oil Back Flow.
Forced-feed Lubrication System (Dual-stage)
Low Noise & Vibration
Light Weight & Compact.



Original Assortments



0002B
Oil Drain Plug &
Gasket Assortment
466pcs



0014
Brake Line Tube Nuts &
Adapter Assortment
91pcs



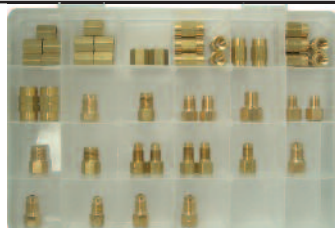
0016
Transmission Filter Assortment
4pcs



0018
Adapters, Union tees &
Union Assortment
26pcs



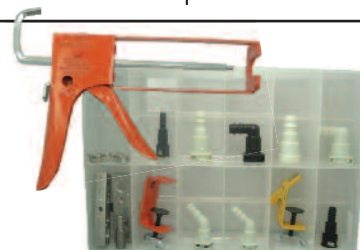
0072
Bleeder Screws & Copper
Flex line gasket Assortment
163pcs



0107
Adapter & Unions Assortment
45pcs



0108
Flex Line Bolt Assortment
21pcs



0200
Fuel & Vent Line Repair Assortment
Updates 0454 to 0454M
18pcs



0218
72" Gauge Set hoses
with Shut off Couplers
5pcs



0219
72" Gauge Set Hose Assortment
3pcs



0220
High & Low Side Shut off
Coupler Assortment
2pcs



0231
Copper Flex Line
Gasket Assortment
48pcs



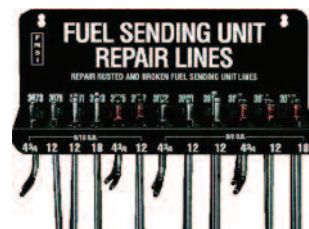
0269
Brake Line Fitting Assortment
158pcs



0273
Metric & Standard Brake Adapter
Line Assortment
24pcs



0282
Vacuum Connector Assortment
105pcs



0283
Fuel Sending Unit Repair
Line Assortment
30pcs



0289
Fuel Line Clip Assortment
31pcs



0300
360° Seal Clamp Assortment
96pc



0301
Steel & Nylon Fuel Line Attaching
Hardware Assortment
122pcs



0303
New Domestic OE Drain Plug
Assortment
66pcs

Original Assortments



0304
Steel to Nylon Adapter Fuel Line Assortment
74pcs



0310
Brake Line Tube Nut Assortment
55pcs



0311
Metric Brake Line Tube Nut, Adapter & Union Assortment
60pcs



0314
Standard & Metric Brake Line Tube Nut & Union Assortment
104pcs



0320
Fuel Transmission & Coolant Line Quick Connector Assortment
45pcs



0324
A/C Valve Core Assortment
29pcs



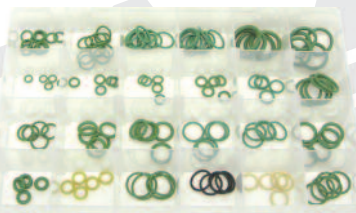
0325
A/C Orifice Tube Assortment
25pcs



0327
Oil Drain Plug & Gasket Assortment
168pcs



0329
Fuel Injection Hose Clamp Assortment
36pcs



0336
A/C O-Ring Assortment
140pcs



0344
R134a O-Ring Assortment
80pcs



0348
Fuel Line Retainer Clip Assortment
52pcs



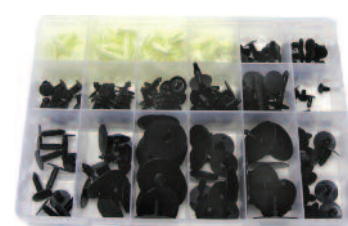
0352
Solderless Terminal Assortment
230pcs



0364
Cabin Air Filter Hardware Assortment
79pcs



0365
Standing Fuel line Repair Assortment
192pcs



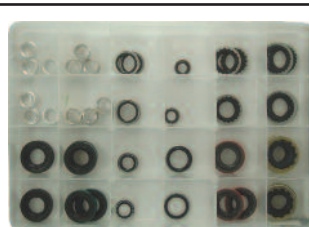
0368
Trim Panel Clip Assortment
180pcs



0371
2 Part A/C Sealant with Hose Assortment
8pcs



0373
Master Cylinder Adapter Assortment
7pcs



0375
GM Compressor Sealing Washer Assortment
57pcs

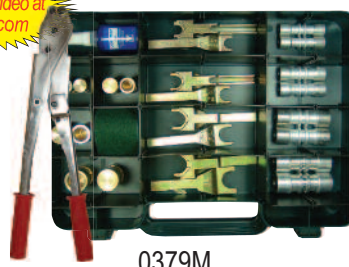


0378
R134a Port Assortment
12pcs

Watch the video at
fmsiinc.com



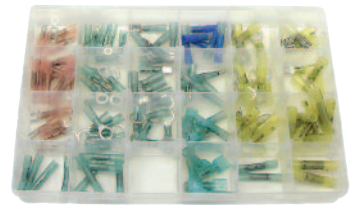
0379
Aluminum Tube Joiner
Assortment
19pcs



0379M
Master Aluminum Tube Joiner
Assortment
35pcs



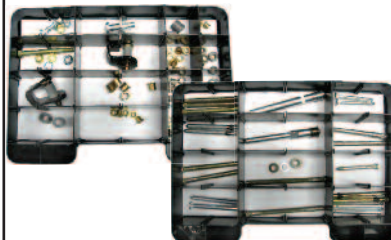
0380
Fuel Line Quick Connector
Assortment
38pcs



0382
Heat Shrink Terminal
Assortment
132pcs



0390
Coolant, Transmission & Oil Quick
Connector Retainer Clip Assortment
44pcs



0393
Door Pins, Bushings & Striker
Assortment
99pcs



0400
GM A/C O-Ring Assortment
210pcs



0401
Ford A/C O-Ring Assortment
216pcs



0402
Chrysler A/C O-Ring Assortment
156pcs



0403
Import O-Ring Assortment
120pcs



0414
A/C Tube End Repair Assortment
21pcs



0428
Metric Grease Fitting Assortment
100pcs



0429
Standard Grease Fitting Assortment
100pcs



0433
Licence Plate Attaching Hardware
Assortment
146pcs



0434
Quick Lube Fuel Line Repair
Assortment
53pcs



0437
360° Brass Compression Union
Assortment
33pcs



0438
Power Steering & Transmission Line
Tube Nut Assortment
35pcs



0439
Transmission & Oil Coolant Line
Quick Connector Assortment
23pcs

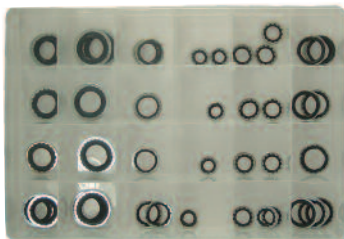


0440
90' & Up New Style Oil Drain Plug
& Gasket Assortment
30pcs

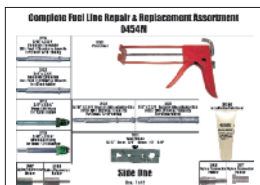


0441
Standard Male & Female Tube Nuts
& Union Assortment

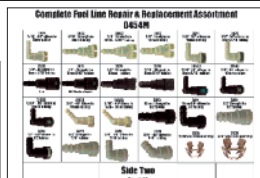
Original Assortments



0445
General Motors Sealing Washer
Assortment
43pcs



0454M
Master Fuel Line Repair &
Replacement Assortment
90pcs



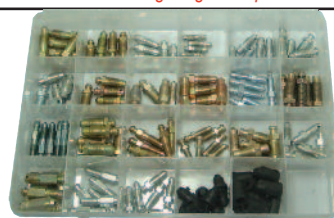
0462
Power Steering & Transmission
Repair Line Assortment
20pcs



0464
Lok-Crimp Hose & Tube Repair
Assortment
13pcs



0466
Rapid Seal Kit Assortment
(Domestic, Imports & Trucks)
33pcs



0475
Bleeder Screw Assortment
(Complete Coverage)
144pcs



0477
Tubing Clip Assortment
(Brake, Fuel & Transmission)
38pcs



0479
Fuel & Brake Line Tube Nut
Assortment
110pcs



0480
A/C Service Port Cap
Assortment
50pcs

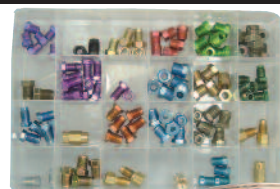


0481
A/C Valve Core & Cap
Assortment
6pcs



0492
Splash Panel Clip
Assortment
108pcs

New Original Assortments



NEW
0020
Tube Nut & Adapter with CN3 Brake
Line Coil Assortment 105pcs



NEW
0021
Tube Nut & Adapter with CN3 & CN4
Brake Line Coil Assortment



NEW
0107
Adapter & Union Assortment
45pcs



NEW
0103
Fuel Line Tube nut Assortment
47pcs



NEW
AR4232
A/C System Tune Up
Assortment
4pcs



NEW
AR4260
UV Leak Detection
Assortment
7pcs



NEW
8637
Ergo Tuflok Push Type Retainer
Clip Assortment
280pcs



NEW
MT2164
R12 to R134a Coupler Conversion
Assortment
5pcs



0487
Poly Vinyl Fluoride Metric
Brake Line Assortment
112pcs



0491
Poly Vinyl Fluoride Standard
Brake Line Assortment
125pcs

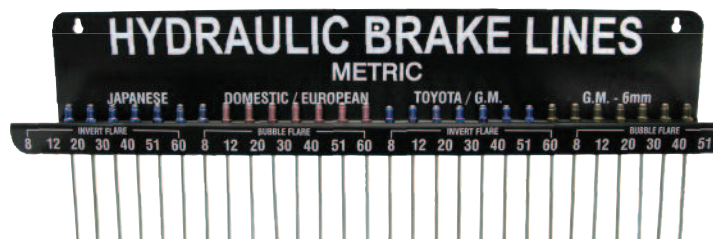
Brake Line Floor Stand Assortments

Part #	Description
0015	3/16", 1/4", Japanese & European Cupro Nickel Brake Lines. (177pcs)
0391	3/16", 1/4", 5/16" & 3/8" Standard Brake Lines. (210pcs)
0392	Six Millimeter, British, Japanese & Metric Brake Lines. (140pcs)
0404	3/16", 1/4", 5/16" & 3/8" Standard Armored Brake Lines. (210pcs)
0420	3/16", 1/4", 5/16" & 3/8" Standard Brake Lines. (203pcs)
0421	Complete Standard & Metric Zinc Brake Lines. (310pcs)
0430	3/16", 1/4" Japanese & European Zinc Brake Lines. (210pcs)
0461	3/16", 1/4", 5/16" & 3/8" Passivated Brake Lines. (210pcs)
0493	Six Millimeter, Japanese, British & Metric PVF Brake Lines. (74pcs)

Carlson™ Quality Brake Parts Program



FMSI Automotive hardware Carries the
Complete Carlson Brake Hardware Program
Ask for your catalogue on your next order



Brake Line Wall Rack Assortments

Part #	Description
0010	Domestic & European Brake Lines. (43pcs)
0104	Japanese & European PVF Brake Lines. (38pcs)
0105	Japanese & European Armored Zinc Brake Lines. (40pcs)
0280	3/16" & 1/4" Standard Zinc Brake Lines. (48pcs)
0297	5/16" & 3/8" Standard Zinc Brake Lines. (32pcs)
0298	3/16" & 1/4" Armored Zinc Brake Lines. (31pcs)
0299	Japanese & European Zinc Brake Lines. (40pcs)
0328	5/16" & 3/8" Standard Armored Brake Lines. (28pcs)
0343	Six Millimeter & Metric Brake Lines (32pcs)
0353	Japanese & Metric Armored Brake Lines. (40pcs)
0389	Six Millimeter & Metric Adapters. (20pcs)
0423	British, Japanese & European Brake Lines. (140pcs)
0424	3/16", 1/4", 5/16", & 3/8" Standard Zinc Brake Lines. (94pcs)
0442	Six Millimeter, Metric, Japanese & European Brake Lines. (74pcs)
0463	3/16", 1/4", 5/16", & 3/8" Passivated Brake Lines. (62pcs)
0471	3/16" & 1/4" Passivated Brake Lines. (46pcs)
0472	3/16" & 1/4" Standard Zinc Brake Lines. (70pcs)
0484	3/16" Passivated Brake Lines. (32pcs)
0485	3/16" Standard Zinc Brake Lines. (32pcs)
0486	3/16" Standard Armored Zinc Brake Lines. (32pcs)
0488	3/16", 1/4", 5/16", & 3/8" PVF Brake Lines. (66pcs)
0489	3/16" & 1/4" PVF Brake Lines. (39pcs)
0493	Six Millimeter, Metric, Japanese & European PVF Brake Lines. (74pcs)



Part #	Description
0443	Master Cylinder Brake Adapter Lines. (35pcs)

Complete Brake Line Tube Nuts & Unions # 0251

FMSI Automotive Hardware									
0251 - BRASS LINE FITTINGS (12 per Full assortment)									
0251-01	0251-02	0251-03	0251-04	0251-05	0251-06	0251-07	0251-08	0251-09	0251-10
1/2" Tube Nut	3/4" Tube Nut	1" Tube Nut	1 1/4" Tube Nut	1 1/2" Tube Nut	1 3/4" Tube Nut	2" Tube Nut	2 1/2" Tube Nut	3" Tube Nut	3 1/2" Tube Nut
0251-11	0251-12	0251-13	0251-14	0251-15	0251-16	0251-17	0251-18	0251-19	0251-20
1/2" Union	3/4" Union	1" Union	1 1/4" Union	1 1/2" Union	1 3/4" Union	2" Union	2 1/2" Union	3" Union	3 1/2" Union
0251-21	0251-22	0251-23	0251-24	0251-25	0251-26	0251-27	0251-28	0251-29	0251-30
1/2" Flare Nut	3/4" Flare Nut	1" Flare Nut	1 1/4" Flare Nut	1 1/2" Flare Nut	1 3/4" Flare Nut	2" Flare Nut	2 1/2" Flare Nut	3" Flare Nut	3 1/2" Flare Nut
0251-31	0251-32	0251-33	0251-34	0251-35	0251-36	0251-37	0251-38	0251-39	0251-40
1/2" Flare Union	3/4" Flare Union	1" Flare Union	1 1/4" Flare Union	1 1/2" Flare Union	1 3/4" Flare Union	2" Flare Union	2 1/2" Flare Union	3" Flare Union	3 1/2" Flare Union
0251-41	0251-42	0251-43	0251-44	0251-45	0251-46	0251-47	0251-48	0251-49	0251-50
1/2" Flare Adapter	3/4" Flare Adapter	1" Flare Adapter	1 1/4" Flare Adapter	1 1/2" Flare Adapter	1 3/4" Flare Adapter	2" Flare Adapter	2 1/2" Flare Adapter	3" Flare Adapter	3 1/2" Flare Adapter
0251-51	0251-52	0251-53	0251-54	0251-55	0251-56	0251-57	0251-58	0251-59	0251-60
1/2" Flare Tee	3/4" Flare Tee	1" Flare Tee	1 1/4" Flare Tee	1 1/2" Flare Tee	1 3/4" Flare Tee	2" Flare Tee	2 1/2" Flare Tee	3" Flare Tee	3 1/2" Flare Tee
0251-61	0251-62	0251-63	0251-64	0251-65	0251-66	0251-67	0251-68	0251-69	0251-70
1/2" Flare Tee Block	3/4" Flare Tee Block	1" Flare Tee Block	1 1/4" Flare Tee Block	1 1/2" Flare Tee Block	1 3/4" Flare Tee Block	2" Flare Tee Block	2 1/2" Flare Tee Block	3" Flare Tee Block	3 1/2" Flare Tee Block
0251-71	0251-72	0251-73	0251-74	0251-75	0251-76	0251-77	0251-78	0251-79	0251-80
1/2" Flare Tee Adapter	3/4" Flare Tee Adapter	1" Flare Tee Adapter	1 1/4" Flare Tee Adapter	1 1/2" Flare Tee Adapter	1 3/4" Flare Tee Adapter	2" Flare Tee Adapter	2 1/2" Flare Tee Adapter	3" Flare Tee Adapter	3 1/2" Flare Tee Adapter
0251-81	0251-82	0251-83	0251-84	0251-85	0251-86	0251-87	0251-88	0251-89	0251-90
1/2" Flare Tee Tee	3/4" Flare Tee Tee	1" Flare Tee Tee	1 1/4" Flare Tee Tee	1 1/2" Flare Tee Tee	1 3/4" Flare Tee Tee	2" Flare Tee Tee	2 1/2" Flare Tee Tee	3" Flare Tee Tee	3 1/2" Flare Tee Tee
0251-91	0251-92	0251-93	0251-94	0251-95	0251-96	0251-97	0251-98	0251-99	0251-100
1/2" Flare Tee Tee Tee	3/4" Flare Tee Tee Tee	1" Flare Tee Tee Tee	1 1/4" Flare Tee Tee Tee	1 1/2" Flare Tee Tee Tee	1 3/4" Flare Tee Tee Tee	2" Flare Tee Tee Tee	2 1/2" Flare Tee Tee Tee	3" Flare Tee Tee Tee	3 1/2" Flare Tee Tee Tee

(176pcs)

Complete Brake Line Adapters & Tee Blocks # 0252

FMSI Automotive Hardware									
0252 - BRASS BRASS LINE FITTINGS & ADAPTERS									
0252-01	0252-02	0252-03	0252-04	0252-05	0252-06	0252-07	0252-08	0252-09	0252-10
1/2" Flare Tee	3/4" Flare Tee	1" Flare Tee	1 1/4" Flare Tee	1 1/2" Flare Tee	1 3/4" Flare Tee	2" Flare Tee	2 1/2" Flare Tee	3" Flare Tee	3 1/2" Flare Tee
0252-11	0252-12	0252-13	0252-14	0252-15	0252-16	0252-17	0252-18	0252-19	0252-20
1/2" Flare Tee Tee	3/4" Flare Tee Tee	1" Flare Tee Tee	1 1/4" Flare Tee Tee	1 1/2" Flare Tee Tee	1 3/4" Flare Tee Tee	2" Flare Tee Tee	2 1/2" Flare Tee Tee	3" Flare Tee Tee	3 1/2" Flare Tee Tee
0252-21	0252-22	0252-23	0252-24	0252-25	0252-26	0252-27	0252-28	0252-29	0252-30
1/2" Flare Tee Tee Tee	3/4" Flare Tee Tee Tee	1" Flare Tee Tee Tee	1 1/4" Flare Tee Tee Tee	1 1/2" Flare Tee Tee Tee	1 3/4" Flare Tee Tee Tee	2" Flare Tee Tee Tee	2 1/2" Flare Tee Tee Tee	3" Flare Tee Tee Tee	3 1/2" Flare Tee Tee Tee
0252-31	0252-32	0252-33	0252-34	0252-35	0252-36	0252-37	0252-38	0252-39	0252-40
1/2" Flare Tee Tee Tee Tee	3/4" Flare Tee Tee Tee Tee	1" Flare Tee Tee Tee Tee	1 1/4" Flare Tee Tee Tee Tee	1 1/2" Flare Tee Tee Tee Tee	1 3/4" Flare Tee Tee Tee Tee	2" Flare Tee Tee Tee Tee	2 1/2" Flare Tee Tee Tee Tee	3" Flare Tee Tee Tee Tee	3 1/2" Flare Tee Tee Tee Tee
0252-41	0252-42	0252-43	0252-44	0252-45	0252-46	0252-47	0252-48	0252-49	0252-50
1/2" Flare Tee Tee Tee Tee Tee	3/4" Flare Tee Tee Tee Tee Tee	1" Flare Tee Tee Tee Tee Tee	1 1/4" Flare Tee Tee Tee Tee Tee	1 1/2" Flare Tee Tee Tee Tee Tee	1 3/4" Flare Tee Tee Tee Tee Tee	2" Flare Tee Tee Tee Tee Tee	2 1/2" Flare Tee Tee Tee Tee Tee	3" Flare Tee Tee Tee Tee Tee	3 1/2" Flare Tee Tee Tee Tee Tee
0252-51	0252-52	0252-53	0252-54	0252-55	0252-56	0252-57	0252-58	0252-59	0252-60
1/2" Flare Tee Tee Tee Tee Tee Tee	3/4" Flare Tee Tee Tee Tee Tee Tee	1" Flare Tee Tee Tee Tee Tee Tee	1 1/4" Flare Tee Tee Tee Tee Tee Tee	1 1/2" Flare Tee Tee Tee Tee Tee Tee	1 3/4" Flare Tee Tee Tee Tee Tee Tee	2" Flare Tee Tee Tee Tee Tee Tee	2 1/2" Flare Tee Tee Tee Tee Tee Tee	3" Flare Tee Tee Tee Tee Tee Tee	3 1/2" Flare Tee Tee Tee Tee Tee Tee
0252-61	0252-62	0252-63	0252-64	0252-65	0252-66	0252-67	0252-68	0252-69	0252-70
1/2" Flare Tee Tee Tee Tee Tee Tee Tee	3/4" Flare Tee Tee Tee Tee Tee Tee Tee	1" Flare Tee Tee Tee Tee Tee Tee Tee	1 1/4" Flare Tee Tee Tee Tee Tee Tee Tee	1 1/2" Flare Tee Tee Tee Tee Tee Tee Tee	1 3/4" Flare Tee Tee Tee Tee Tee Tee Tee	2" Flare Tee Tee Tee Tee Tee Tee Tee	2 1/2" Flare Tee Tee Tee Tee Tee Tee Tee	3" Flare Tee Tee Tee Tee Tee Tee Tee	3 1/2" Flare Tee Tee Tee Tee Tee Tee Tee
0252-71	0252-72	0252-73	0252-74	0252-75	0252-76	0252-77	0252-78	0252-79	0252-80
1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee	3/4" Flare Tee Tee Tee Tee Tee Tee Tee Tee	1" Flare Tee Tee Tee Tee Tee Tee Tee Tee	1 1/4" Flare Tee Tee Tee Tee Tee Tee Tee Tee	1 1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee	1 3/4" Flare Tee Tee Tee Tee Tee Tee Tee Tee	2" Flare Tee Tee Tee Tee Tee Tee Tee Tee	2 1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee	3" Flare Tee Tee Tee Tee Tee Tee Tee Tee	3 1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee
0252-81	0252-82	0252-83	0252-84	0252-85	0252-86	0252-87	0252-88	0252-89	0252-90
1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee	3/4" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee	1" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee	1 1/4" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee	1 1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee	1 3/4" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee	2" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee	2 1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee	3" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee	3 1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee
0252-91	0252-92	0252-93	0252-94	0252-95	0252-96	0252-97	0252-98	0252-99	0252-100
1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee Tee	3/4" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee Tee	1" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee Tee	1 1/4" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee Tee	1 1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee Tee	1 3/4" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee Tee	2" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee Tee	2 1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee Tee	3" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee Tee	3 1/2" Flare Tee Tee Tee Tee Tee Tee Tee Tee Tee Tee

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STRAIGHT LENGTHS 3/16" & 1/4"

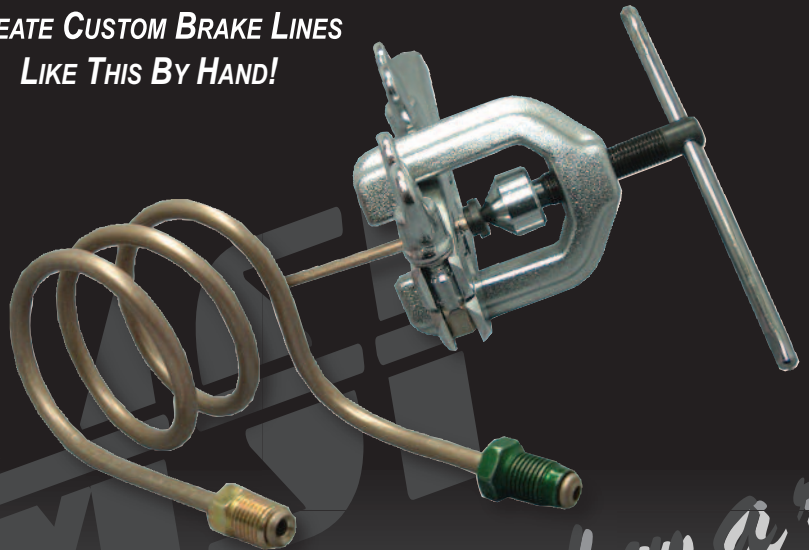


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◦ ACURA ◦ AUDI ◦ BMW ◦ BUICK ◦ CADILLAC ◦ CHEVROLET ◦ CHRYSLER ◦ DODGE ◦ FORD ◦ GMC ◦ HONDA ◦ HYUNDAI
◦ INFINITI ◦ ISUZU ◦ JAGUAR ◦ JEEP ◦ KIA ◦ LEXUS ◦ LINCOLN ◦ MAZDA ◦ MERCEDES ◦ MERCURY ◦ MITSUBISHI
◦ NISSAN ◦ OLDSMOBILE ◦ PLYMOUTH ◦ PONTIAC ◦ SAAB ◦ SATURN ◦ SUBARU ◦ SUZUKI ◦ TOYOTA ◦ VOLKSWAGEN ◦ VOLVO

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