

SERIES D



DESIGN MANUFACTURE DISTRIBUTE

PROBLEM SOLVING AUTOMOTIVE HARDWARE

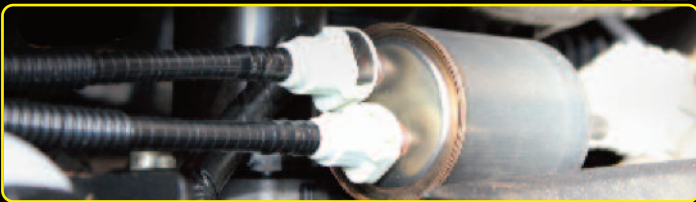
AIR CONDITIONING



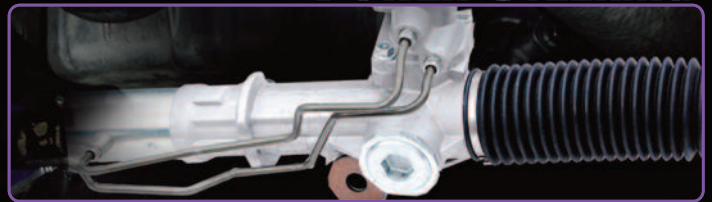
BRAKE



FUEL



POWER STEERING



TRANSMISSION



WHEEL NUTS



DRAIN PLUGS



ASSORTMENTS



1070 HERITAGE RD • BURLINGTON, ONTARIO • L7L 4X9

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Look For Me!

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Standard Steel Invert Flare Tube Nuts



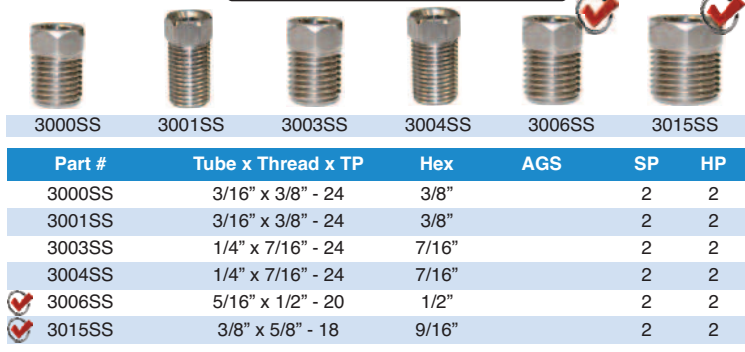
Part #	Tube x Thread x TP	Hex	Edelmann	AGS	SP	HP
3597	1/8" x 5/16" - 28	5/16"	121002		10	1
3000	3/16" x 3/8" - 24	3/8"	121003	BLF-12	10	5
3001	3/16" x 3/8" - 24	3/8"	121030	BLF-10	10	5
3424	3/16" x 3/8" - 24	7/16"			10	2
3441	3/16" x 3/8" - 24	9/16"			10	2
3003	1/4" x 7/16" - 24	7/16"	121004	BLF-13	10	5
3004	1/4" x 7/16" - 24	7/16"	121040	BLF-16	10	5
3415	1/4" x 7/16" - 24	9/16"			10	4
3006	5/16" x 1/2" - 20	1/2"	121005	BLF-14	10	5
3015	3/8" x 5/8" - 18	5/8"	121006	BLF-15	10	5
3442	3/8" x 5/8" - 18	5/8"		PSR-013	10	2
3399	7/16" x 11/16" - 18	11/16"			4	1
3016	1/2" x 3/4" - 18	3/4"			10	5
4621	5/8" x 7/8" - 18	7/8"			1	1
4622	3/4" x 1" - 16	1-3/16"			1	1
4620	7/8" x 1" - 16	1-1/16"			1	1

Metric & Imperial Bubble Flare Tube Nuts



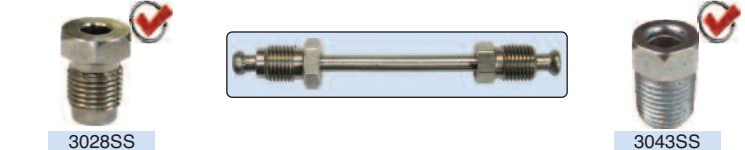
Part #	Tube x Thread x TP	Hex	Style	AGS	SP	HP
3410	3/16" x 3/8" - 24	7/16"	US / British	BLF-38	10	2
3028	3/16" x M10 - 1.0	M12	Euro/Dom	BFL-39	10	4
3411	3/16" x M10 - 1.0	M11	Long		10	2
3414	3/16" x M10 - 1.0	M11	VW / Audi		10	2
3420	3/16" x M10 - 1.0	M13	Ford		10	2
3463	3/16" x M10 - 1.0	M11	Euro/Dom		10	2
3470	3/16" x M10 - 1.25	M11	Euro/Dom		10	2
3492	3/16" x M10 - 1.5	M11	Euro/Dom		10	2
3477	3/16" x M11 - 1.0	M11	Euro/Dom		2	1
3040	3/16" x M11 - 1.5	M12	Domestic	BLF-47	10	2
3041	3/16" x M12 - 1.0	M14	Domestic	BLF-48	10	2
3493	3/16" x M12 - 1.0	M13	Long		10	2
3426	3/16" x M12 - 1.25	M14	Euro/Dom		10	2
3042	3/16" x M13 - 1.5	M14	Domestic	BLF-49	10	2
3413	1/4" x M12 - 1.0	M13	Ford / Imports	BLF-46	10	2
3490	1/4" x M11 - 1.0	M12	Euro/Dom		10	2
3496	1/4" x M12 - 1.0	M13	Short Dog Point		10	2
3433	1/4" x M12 - 1.25	M14	Euro/Dom		10	2
3495	1/4" x M12 - 1.5	M13	Euro/Dom		10	2
3447	1/4" x M12 - 1.75	M13	Euro/Dom		10	2
3408	1/4" x M13 - 1.5	M14	Euro/Dom		10	2

Standard Stainless Steel Invert Flare Tube Nuts



Part #	Tube x Thread x TP	Hex	AGS	SP	HP
3000SS	3/16" x 3/8" - 24	3/8"		2	2
3001SS	3/16" x 3/8" - 24	3/8"		2	2
3003SS	1/4" x 7/16" - 24	7/16"		2	2
3004SS	1/4" x 7/16" - 24	7/16"		2	2
3006SS	5/16" x 1/2" - 20	1/2"		2	2
3015SS	3/8" x 5/8" - 18	9/16"		2	2

Metric Stainless Steel Flare Tube Nuts



Part #	Tube x Thread x TP	Hex	Flare	AGS	SP	HP
3028SS	3/16" x M10 - 1.0	M12	Bubble		2	2
3043SS	3/16" x M10 - 1.0	M10	Invert		2	2

Metric Invert Flare Tube Nuts



Part #	Tube x Thread x TP	Hex	Style	AGS	SP	HP
3043	3/16" x M10 - 1.0	M10	Japanese	BLF-40	10	4
3407	3/16" x M11 - 1.5	M12	Dom / Japanese		10	2
3409	3/16" x M10 - 1.0	7/16"	Toyota / GM	BLF-40	10	2
3449	3/16" x M10 - 1.0	M10	Toyota (OE)		10	2
3407	3/16" x M12 - 1.0	M14	Dom / Japanese		10	2
3413	1/4" x M12 - 1.0	M13	Ford/Imports	BLF-46	10	2
3495	1/4" x M12 - 1.5	M13	Dom / Japanese		10	2
3496	1/4" x M12 - 1.0	M13	Short Dog Point		10	2

Standard Oversize Invert Flare Tube Nuts



Part #	Tube x Thread x TP	Hex	AGS	SP	HP
3022	3/16" x 7/16" - 24	7/16"	BLF-11	10	2
3023	3/16" x 1/2" - 20	9/16"	BLF-41	10	2
3024	3/16" x 9/16" - 18	5/8"	BLF-42	10	2
3439	3/16" x 1/2" - 20	1/2"	BLF-41	10	2
3494	3/16" x 1/2" - 20	9/16"		10	2
3025	1/4" x 9/16" - 18	9/16"	BLF-43	10	2
3026	1/4" x 1/2" - 20	1/2"	BLF-44	10	2
3462	1/4" x 9/16" - 18	5/8"		10	2

M6 Metric Bubble Flare Tube Nuts



Part #	Tube x Thread x TP	Hex	AGS	SP	HP
3421	M6 x M12 - 1.0	M14	BLF-51	10	2
3422	M6 x M12 - 1.5	M14	BLF-52	10	2
3423	M6 x M14 - 1.5	M15	BLF-53	10	2

Standard Invert Flare Brass Unions



Part #	Tube x Thread	Edelmann	AGS	S/P	HP
3706	1/8" x 5/16" - 24	123200		10	1
3002	3/16" x 3/8" - 24	123300	BLU-3	10	5
3005	1/4" x 7/16" - 24	123400	BLU-4	10	5
3007	5/16" x 1/2" - 20	123500	BLU-5	10	2
3018	3/8" x 5/8" - 18	123600	BLU-6	10	2
3021	1/2" x 3/4" - 18	123800		2	1
3020	3/16" x 3/8" - 24 1/4" x 7/16" - 24	(Reducer Union)		10	2

Bubble Flare Brass Unions



Part #	Tube x Thread	Edelmann	AGS	S/P	HP
3044	3/16" x M10 - 1.0	276000	BLU-8	10	1
3047	3/16" x 3/8" - 24	275300	BLU-7	10	1
4238	(1/4")M6 x M12 - 1.0	277000	BLU-10	10	1

Metric Invert Flare Brass Unions



Part #	Tube x Thread	Edelmann	AGS	S/P	HP
3059	3/16" x M10 - 1.0	274000	BLU-9	10	1
3050	3/16" x M12 - 1.0			10	1
3049	1/4" x M12 - 1.0			10	1

Trailer Brake Tees (Brass or Steel)



Part #	Size (F) 1	Size (F) 2	Size (M) 3	Edelmann	W/H	S/P	HP
3716	3/16"(9/16"-18)	3/16"(3/8"-24)	3/16"(9/16"-18)	127030	7933	1	1
3717	3/16"(9/16"-20)	3/16"(3/8"-24)	3/16"(9/16"-20)	127032	7905	1	1
3718	3/16"	3/16"	3/16"	127333	7900	1	1
3719	3/16"	1/4"	3/16"	127343	7899	1	1
4726	3/16"(M12 x 1.0)	3/16"(3/8"-24)	3/16" (M12 x 1.0)	273000	7921	1	1
3720	1/4"	3/16"	1/4"	127434	7901	1	1
3721	1/4"	1/4"	1/4"	127444	7898	1	1

Brake Line Union Tees

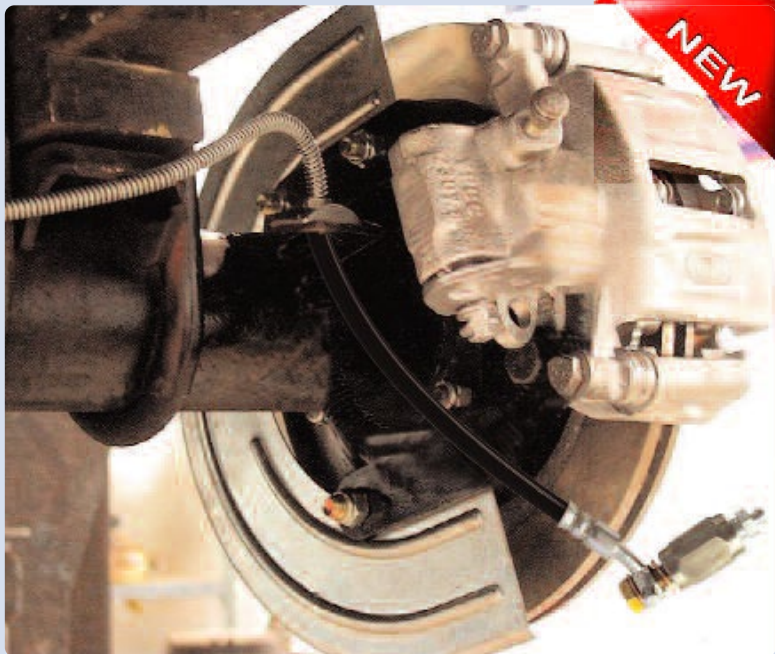


Part #	Tube x Thread	Flare	Edelmann	W/H	S/P	HP
3471	3/16" x 3/8" - 24	Invert	130333	702X3	2	1
3472	1/4" x 7/16" - 24	Invert	130444	702X4	2	1
*3476	3/16" x 3/8" - 24	Invert	-	7812	2	1
3722	1/8" x 5/16" - 28	Invert	130222	702X2	1	1
3723	5/16" x 1/2" - 20	Invert	130555	702X5	1	1
3724	3/8" x 5/8" - 18	Invert	130666	702X6	1	1
4643	3/16" x M10 x 1.0	Invert	-	-	1	1
4644	3/16" x M10 x 1.0	Bubble	-	-	1	1

Part # 5441-2

We know you stand behind your work...

But would you stand in front of it?



NEW CALIPERS SHOULD HAVE NEW FLUID...

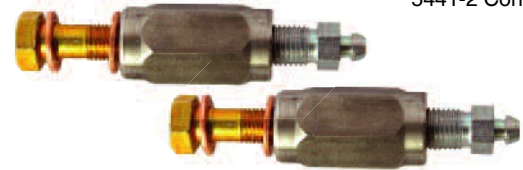
Don't flush old contaminated brake fluid through new calipers.

Contaminated brake fluid has a lower boiling point when saturated with moisture
The job is not done until you flush!!!

Brake Fluid Flush Tool

Pre-brake Caliper Installation.

5441-2 Contents:



Features:

- Stops the flow of brake fluid on shop floor when flex lines are disconnected
- Prevents contamination of new calipers
- No specialty tools or equipment needed
- Will not damage flex lines or components
- Assures contaminated brake fluid is not pushed back into the system, possibly damaging ABS pump

A unique new tool that makes it easy for one technician to flush old contaminated brake fluid out of the system, before replacing calipers.

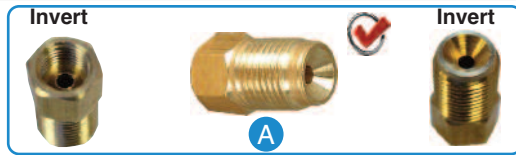
1. Simply attach the 5441-2 brake fluid flusher tool to the vehicle's flex lines with supplied banjo bolt fittings & washers.
2. Flush both front or rear brakes, removing contaminated brake fluid before it enters the new or rebuilt calipers and possibly damaging the ABS system.

No need to pinch and damage flex lines!

Brass Adapters



• Standard • Metric • Pipe Thread • Surface Seal



(A) Master Cylinder Adapters Invert

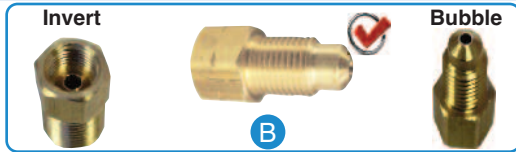
Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
3230	3/16"	3/8" - 24	5/16"	1/2" - 20	258350	7909	10	1
3231	3/16"	3/8" - 24	3/16"	9/16" - 20	258303	7910	10	1
3232	3/16"	3/8" - 24	1/4"	7/16" - 24	258340	7818	10	1
3237	3/16"	3/8" - 24	3/16"	9/16" - 18	258302	7911	10	1
3285	3/16"	3/8" - 24	3/16"	3/8"-24 Long	-	-	2	1
4645	3/16"	3/8" - 24	3/16"	7/16" - 24	-	-	1	1
4601	3/16"	1/2" - 20	3/16"	9/16" - 18	258307	7913	10	1
4602	3/16"	9/16" - 18	3/16"	1/2" - 20	258306	7912	10	1
3233	1/4"	7/16" - 24	1/4"	1/2" - 20	258450	7829	10	1
3235	1/4"	7/16" - 24	3/16"	3/8" - 24	258430	7828	10	1
3236	1/4"	7/16" - 24	1/4"	9/16" - 18	258403	7908	10	1
3418	5/16"	1/2" - 20	3/8"	5/8" - 18	258560	7916	2	1
4603	5/16"	1/2" - 20	1/4"	7/16" - 24	258540	7917	10	1
3419	3/8"	5/8" - 18	5/16"	1/2" - 20	258650	7915	1	1

(A) 3/16" Invert to Metric Invert

Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
3045	3/16"	3/8" - 24	3/16"	M10 - 1.0	270300	1443	10	1
3479	3/16"	3/8" - 24	3/16"	M10 - 1.25	270330	7976	10	1

(A) 1/4" (M6) Metric Invert to Metric Invert

Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
4639	1/4" - M6	7/16" - 24	1/4" - M6	M12 - 1.0	-	-	1	1
4640	1/4" - M6	7/16" - 24	1/4" - M6	M12 - 1.5	-	-	1	1
4641	1/4" - M6	7/16" - 24	1/4" - M6	M10 - 1.0	-	-	1	1



(B) 3/16" Invert to Metric Bubble Flare

Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
3039	3/16"	3/8" - 24	3/16"	M10 - 1.0	271300	1442	10	1
3250	3/16"	3/8" - 24	3/16"	M10 - 1.25	271330	7970	10	1
3251	3/16"	3/8" - 24	3/16"	M13 1.5	263000	7972	10	1
3252	3/16"	3/8" - 24	3/16"	M12 - 1.0	265000	7974	10	1
3253	3/16"	3/8" - 24	3/16"	M11 - 1.5	264000	7935	10	1
4612	3/16"	3/8" - 24	3/16"	M11 - 1.25	-	-	10	1
4613	3/16"	3/8" - 24	3/16"	M12 - 1.25	-	-	10	1
4616	3/16"	3/8" - 24	3/16"	M11 - 1.0	-	-	10	1
4619	3/16"	3/8" - 24	3/16"	M10 - 1.5	-	-	10	1
4654	3/16"	3/8" - 24	3/16"	M14 - 1.5	-	-	1	1

(B) 1/4" Invert to Metric Bubble Flare

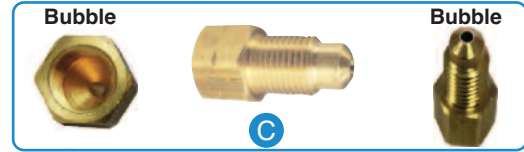
Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
4614	1/4" (M6)	7/16" - 24	1/4"	M12 - 1.25	-	-	10	1
4615	1/4" (M6)	7/16" - 24	1/4"	M12 - 1.75	-	-	10	1
4650	1/4" (M6)	7/16" - 24	1/4"	M12 - 1.5	-	-	10	1
4617	1/4" (M6)	7/16" - 24	1/4"	M11 - 1.0	-	-	10	1
4618	1/4" (M6)	7/16" - 24	1/4"	M14 - 1.5	-	-	10	1
4642	1/4" (M6)	7/16" - 24	1/4"	M12 - 1.0	-	-	1	1

(B) 3/16" Invert to Metric Bubble Flare

Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
3255	3/16"	3/8" - 24	3/16"	3/8" - 24	-	-	2	1
3478	3/16"	3/8" - 24	3/16"	1/2" - 18	-	-	2	1
4607	3/16"	3/8" - 24	1/4"	7/16" - 20	-	-	10	1
4653	3/16"	3/8" - 24	5/16"	1/2" - 20	-	7897	1	1

(B) 3/16" Metric Invert to Metric Bubble

Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
4627	3/16"	M10 - 1.0	3/16"	M10 - 1.0	-	-	1	1
3473	3/16"	M10 - 1.0	3/16"	M11 - 1.5	-	7935	2	1
3474	3/16"	M10 - 1.0	3/16"	M12 - 1.0	-	7936	2	1
3475	3/16"	M10 - 1.0	3/16"	M13 - 1.5	-	7937	2	1

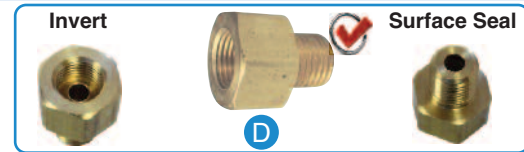


(C) 3/16" Metric Bubble to Metric Bubble

Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
3254	3/16"	M10 - 1.25	3/16"	M13 - 1.5	-	-	10	1
4606	3/16"	M10 - 1.0	3/16"	M13 - 1.5	268000	-	10	1
4604	3/16"	M10 - 1.0	3/16"	M11 - 1.5	266000	-	10	1
4605	3/16"	M10 - 1.0	3/16"	M12 - 1.0	267000	-	10	1
4630	3/16"	M10 - 1.0	3/16"	M10 - 1.5	-	-	1	1
4631	3/16"	M10 - 1.0	3/16"	M12 - 1.25	-	-	1	1
4632	3/16"	M10 - 1.0	3/16"	M10 - 1.25	-	-	1	1
4633	3/16"	M10 - 1.0	3/16"	M11 - 1.0	-	-	1	1

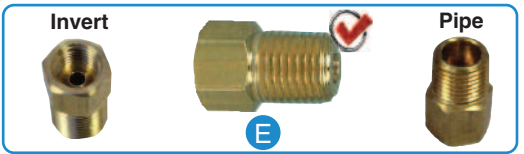
(C) 1/4" (M6) Metric Bubble to Metric Bubble

Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
4634	1/4" (M6)	M12 - 1.0	1/4" (M6)	M12 - 1.5	-	-	1	1
4635	1/4" (M6)	M12 - 1.0	1/4" (M6)	M14 - 1.5	-	-	1	1
4636	1/4" (M6)	M12 - 1.0	1/4" (M6)	M12 - 1.25	-	-	1	1
4637	1/4" (M6)	M12 - 1.0	1/4" (M6)	M12 - 1.75	-	-	1	1
4638	1/4" (M6)	M12 - 1.0	1/4" (M6)	M11 - 1.0	-	-	1	1



(D) Invert Flare to Surface Seal

Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
4609	3/16"	3/8" - 24	3/16"	1/2" - 20	265301	7817	10	1
3029	1/4"	7/16" - 24	1/4"	7/16" - 20	265400	7732	10	1
3233	1/4"	7/16" - 24	1/4"	1/2" - 20	265401	7727	10	1
4611	5/16"	1/2" - 20	5/16"	1/2" - 20	265500	1074	10	1



(E) Invert to Pipe Thread

Part #	Tube Size (F)	Pipe Thread (M)	Edelmann	W/H	S/P	HP
4623	1/8"	1/8	124220	202x2	1	1
3481	3/16"	1/8	124320	202x3	5	1
3482	1/4"	1/8	124420	202x4	5	1
3483	1/4"	1/4	124440	202x4x4	5	1
3484	5/16"	1/8	124520	202x5	5	1
3485	5/16"	1/4	124540	202x5x4	5	1
3486	3/8"	1/4	124640	202x6	5	1
3707	3/8"	1/8	124620	202x6x2	1	1
3708	3/8"	3/8	124660	202x6x6	1	1
3709	1/2"	3/8	124860	202x8	1	1
4852	1/2"	1/2	124880	202x8x8	1	1



Hydraulic Tubing .028" Wall

• Brake • Fuel • Transmission



At FMSI Automotive Hardware we design and manufacture our standard and custom fluid carrying lines and fittings in-house to meet or exceed Original Equipment specifications.

SPECIFICATIONS

Line Style	Specification Met or Exceeded	Salt Spray Results
Cupro Nickel (90/10)	SAE-1650 • SAE-1407 • D.O.T • ASTM-254 • B111 • B466 • FMVSS-106 • DIN74234 • BS2871 • GM123M • MS1806	Lifetime
Stainless Steel (304)	ASTM A269	Limited Lifetime
Polyvinyl Fluoride	SAE-J527 • D.O.T • ASTM254 • GM123M • MS1806	1500 Hrs
Passivated Green	SAE-J527 • GM123M • MS1806	400 Hrs
Silver Zinc Spring Armor	SAE-J527 • GM123M • MS1806	200 Hrs
Silver Zinc	SAE-J527 • GM123M • MS1806	200 Hrs



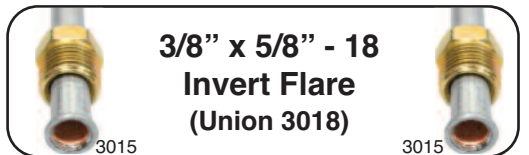
Pack of	5	5	10	10	10	10
Length	"CN"	"SS"	"PVF"	"P"	"K3**A"	"K"
6"			PVF306		K306	
8"	CN308	SS308	PVF308	P308	K308A	K308
10"			PVF310			K310
12"	CN312	SS312	PVF312	P312	K312A	K312
14"			PVF314			K314
17"			PVF317			K317
20"	CN320	SS320	PVF320	P320	K320A	K320
23"			PVF323			K323
24"						K324
27"			PVF327			K327
30"	CN330	SS330	PVF330	P330	K330A	K330
33"			PVF333			K333
37"			PVF337			K337
40"	CN340	SS340	PVF340	P340	K340A	K340
44"			PVF344			K344
48"			PVF348			K348
51"	CN351	SS351	PVF351	P351	K351A	K351
56"			PVF356			K356
60"	CN360	SS360	PVF360	P360	K360A	K360
66"			PVF366			K366
72"	CN372	SS372	PVF372	P372	K372A	K372
84"			PVF384			K384
120"						K3120
144"						K3144
168"						K3168
192"						K3192



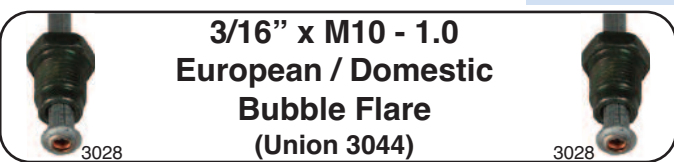
Pack of	5	5	10	10	10	10
Length	"CN"	"SS"	"PVF"	"P"	"K4**A"	"K"
6"						K406
8"	CN408	SS408	PVF408	P408	K408A	K408
10"						K410
12"	CN412	SS412	PVF412	P412	K412A	K412
14"			PVF414			K414
16"			PVF416			
17"			PVF417			K417
20"	CN420	SS420	PVF420	P420	K420A	K420
23"			PVF423			K423
25"			PVF425			
27"			PVF427			K427
30"	CN430	SS430	PVF430	P430	K430A	K430
33"			PVF433			K433
37"			PVF437			K437
40"	CN440	SS440	PVF440	P440	K440A	K440
43"			PVF443			K443
48"			PVF448			K448
51"	CN451	SS451	PVF451	P451	K451A	K451
56"			PVF456			K456
60"	CN460	SS460	PVF460	P460	K460A	K460
64"			PVF464			
72"	CN472	SS472	PVF472	P472	K472A	K472
84"			PVF484			K484
108"						K4108
120"						K4120



Pack of	5	5	5	5	5
Length	"CN"	"SS"	"PVF"	"K5**A"	"K"
8"	CN508	SS508	PVF508	K508A	K508
12"	CN512	SS512	PVF512	K512A	K512
20"	CN520	SS520	PVF520	K520A	K520
30"	CN530	SS530	PVF530	K530A	K530
40"	CN540	SS540	PVF540	K540A	K540
51"	CN551	SS551	PVF551	K551A	K551
60"	CN560	SS560	PVF560	K560A	K560
72"	CN572	SS572	PVF572	K572A	K572



Pack of	5	5	5	5	5
Length	"CN"	"SS"	"PVF"	"K6**A"	"K"
8"	CN608	SS608	PVF608	K608A	K608
12"	CN612	SS612	PVF612	K612A	K612
20"	CN620	SS620	PVF620	K620A	K620
30"	CN630	SS630	PVF630	K630A	K630
40"	CN640	SS640	PVF640	K640A	K640
51"	CN651	SS651	PVF651	K651A	K651
60"	CN660	SS660	PVF660	K660A	K660
72"	CN672	SS672	PVF672	K672A	K672



Pack of	5	5	5	5	5
Length	"CN"	"SS"	"PVF"	"P"	"K"
6"			PVFKMB6		
7"			PVFKMB7		
8"	CNKMB8	SSKMB8	PVFKMB8	PKMB8	KMB8
9"			PVFKMB9		KMB9
12"	CNKMB12	SSKMB12	PVFKMB12	PKMB12	KMB12
13"			PVFKMB13		KMB13
16"			PVFKMB16		KMB16
20"	CNKMB20	SSKMB20	PVFKMB20	PKMB20	KMB20
21"			PVFKMB21		KMB21
23"			PVFKMB23		KMB23
27"			PVFKMB27		KMB27
30"	CNKMB30	SSKMB30	PVFKMB30	PKMB30	KMB30
31"			PVFKMB31		KMB31
33"			PVFKMB33		KMB33
37"			PVFKMB37		KMB37
40"	CNKMB40	SSKMB40	PVFKMB40	PKMB40	KMB40
43"			PVFKMB43		KMB43
47"					KMB47
48"			PVFKMB48		
51"	CNKMB51	SSKMB51	PVFKMB51	PKMB51	KMB51
56"			PVFKMB56		KMB56
60"	CNKMB60	SSKMB60	PVFKMB60	PKMB60	KMB60
66"			PVFKMB66		
72"	CNKMB72	SSKMB72	PVFKMB72	PKMB72	KMB72
84"			PVFKMB84		KMB84
86"			PVFKMB86		
92"			PVFKMB92		
96"			PVFKMB96		
120"					KMB120



Pack of	5	5
Length	"CN"	"PVF"
8"	CNKM408	PVFKM408
12"	CNKM412	PVFKM412
20"	CNKM420	PVFKM420
30"	CNKM430	PVFKM430
40"	CNKM440	PVFKM440
51"	CNKM451	PVFKM451
60"	CNKM460	PVFKM460
72"	CNKM472	PVFKM472



Pack of	5	5	5	5	5
Length	"CN"	"SS"	"PVF"	"P"	"K"
6"			PVFKM6		KM6
8"	CNKM8	SSKM8	PVFKM8	PKM8	KM8
9"					KM9
12"	CNKM12	SSKM12	PVFKM12	PKM12	KM12
13"			PVFKM13		KM13
16"			PVFKM16		KM16
20"	CNKM20	SSKM20	PVFKM20	PKM20	KM20
21"					
23"			PVFKM23		KM23
27"			PVFKM27		KM27
30"	CNKM30	SSKM30	PVFKM30	PKM30	KM30
33"			PVFKM33		KM33
37"			PVFKM37		KM37
40"	CNKM40	SSKM40	PVFKM40	PKM40	KM40
43"			PVFKM43		KM43
47"			PVFKM47		KM47
48"					KM48
51"	CNKM51	SSKM51	PVFKM51	PKM51	KM51
56"			PVFKM56		KM56
60"	CNKM60	SSKM60	PVFKM60	PKM60	KM60
66"			PVFKM66		
72"	CNKM72	SSKM72	PVFKM72	PKM72	KM72
84"			PVFKM84		KM84

SS & Steel Tubing Spring Armor

Stainless #	Size	Steel #
K396SS	3/16" x 96"	K396
K496SS	1/4" x 96"	K496
K596SS	5/16" x 96"	K596
K696SS	3/8" x 96"	K696

Hydraulic Tubing .028" Wall

• Brake • Fuel • Transmission



Cupro Nickel 90/10
(CN)
★★★★★

Stainless Steel 304
(SS)
★★★★★

Polyvinyl Fluoride
(PVF)
★★★★★

Passivated Green
(P)
★★★★

Silver Zinc Spring Armor
(K---A)
★★★

Silver Zinc
(K)
★★★

FMSI manufactures brake lines in standard lengths from 6" to 84" and custom lengths up to 20ft. All lengths available in Cupro Nickel, 304 Stainless Steel, Polyvinyl Fluoride, Zinc and Armored Zinc tubing. If you have requirements for special lengths, whether for automotive applications or other, contact FMSI Automotive Hardware - Your Trusted Fluid Line Carrying Specialists.

3/16" x M10 - 1.0
Toyota / General Motors
Invert Flare
(Union 3059)
3417

3/16" x 3/8" - 24
British / US Thread
Bubble Flare
(Union 3047)
3410

1/4" (M6) x M12 - 1.0
European / Domestic
Bubble Flare
(Union 4238)
3421

Pack of Length	5 "PVF"	5 "P"	5 "K"
8"	PVFKGM8	PKGM8	KGM8
12"	PVFKGM12	PKGM12	KGM12
20"	PVFKGM20	PKGM20	KGM20
30"	PVFKGM30	PKGM30	KGM30
40"	PVFKGM40	PKGM40	KGM40
51"	PVFKGM51	PKGM51	KGM51
60"	PVFKGM60	PKGM60	KGM60
72"	PVFKGM72	PKGM72	KGM72

Pack of Length	5 "CN"	5 "PVF"	5 "K"
8"	CNKB8	PVFKB8	KB8
12"	CNKB12	PVFKB12	KB12
20"	CNKB20	PVFKB20	KB20
30"	CNKB30	PVFKB30	KB30
40"	CNKB40	PVFKB40	KB40
51"	CNKB51	PVFKB51	KB51
60"	CNKB60	PVFKB60	KB60
72"	CNKB72	PVFKB72	KB72

Pack of Length	5 "CN"	5 "PVF"	5 "K"
8"	CN61208	PVF61208	61208
12"	CN61212	PVF61212	61212
20"	CN61220	PVF61220	61220
30"	CN61230	PVF61230	61230
40"	CN61240	PVF61240	61240
51"	CN61251	PVF61251	61251
60"	CN61260	PVF61260	61260
72"	CN61272	PVF61272	61272



Cupro Nickel (CN)
★★★★★

Double annealed to soften tubing for easier bending and flaring. Used as Original Equipment by Volvo, Mercedes, Porsche & Rolls Royce. Meets or exceeds OE specification (.028" Wall) for brake line tubing.

SAE- 1650 • SAE-1407 • FMVSS-106 • ASTM-254
• D.O.T • DIN74234 • BS2871 • GM123M • MS1806 • B111 • B466

Lifetime Guarantee Against Corrosion Failure



Stainless Steel (SS)
★★★★★

Double annealed to soften tubing for easier bending and flaring. Meets or exceeds OE specification (.028 Wall) for brake line tubing. Ideal for custom builds, classic cars and more.

• ASTM-269

Limited Lifetime Guarantee Against Corrosion Failure



Polyvinyl Fluoride (PVF)
★★★★★



Passivated Green (P)
★★★★



Silver Zinc (C)
★★★

Polyvinyl Fluoride / Passivated / Silver Zinc
SAE-J527 • GM123M • MS1806

Length	3/16"	1/4"	5/16"	3/8"	1/2"	6mm	10mm	12mm
25 ft.	CN3	CN4	CN5	CN6	CN8	CN7	CN10M	CN12M
25 ft.	SS3-25	SS4-25	SS5-25	SS6-25				
25 ft.	PVF3	PVF4	PVF5	PVF6		PVF7		
25 ft.	P3	P4	P5	P6		P7		
25 ft.	C3	C4	C5	C6		C7		
50 ft.	CN3-50	CN4-50	CN5-50	CN6-50				
50 ft.	PVF3-50	PVF4-50	PVF5-50	PVF6-50				
50 ft.	P3-50	P4-50	P5-50	P6-50				
50 ft.	C3-50	C4-50	C5-50	C6-50				
100 ft.	CN3-100	CN4-100	CN5-100	CN6-100				
100 ft.	PVF3-100	PVF4-100	PVF5-100	PVF6-50				
100 ft.	P3-100	P4-100	P5-100	P6-50				
100 ft.	C3-100	C4-100	C5-100	C6-50				

2000ft to 4000ft Coils Available - Call for Details

General Purpose Copper Tubing available See Page # 12-A

8" Master Cylinder Adapter Lines

All Adapter Lines are Made with Polyvinyl Fluoride Brake Line Tubing.

SAE-J527 • ASTM254 • GM123M • MS1806 SP (5) - HP (5)

Part #	Tube Size	Fitting Size 1		Fitting Size 2	Nut Color	Hex
913-002	3/16"	3/8"-24 Inv Fl	x	7/16"-24 Inv Fl	Red	7/16"
913-003	3/16"	3/8"-24 Inv Fl	x	1/2"-20 Inv Fl	Black	1/2"
913-004	3/16"	3/8"-24 Inv Fl	x	1/2"-20 Inv Fl	Green	9/16"
913-006	3/16"	3/8"-24 Inv Fl	x	9/16"-18 Inv Fl	Olive	5/8"
3028316	3/16"	3/8"-24 Inv Fl	x	10mm x 1.0 Bub Fl	Olive	11mm
3040316	3/16"	3/8"-24 Inv Fl	x	11mm x 1.5 Bub Fl	Orange	12mm
3041316	3/16"	3/8"-24 Inv Fl	x	12mm x 1.0 Bub Fl	Blue	14mm
3042316	3/16"	3/8"-24 Inv Fl	x	13mm x 1.5 Bub Fl	Olive	14mm
3043316	3/16"	3/8"-24 Inv Fl	x	10mm x 1.0 Inv Fl	Blue	10mm
30283040	3/16"	10mm x 1.0 Bub	x	11mm x 1.5 Bub Fl	Orange	12mm
30283041	3/16"	10mm x 1.0 Bub	x	12mm x 1.0 Bub Fl	Blue	14mm
30283042	3/16"	10mm x 1.0 Bub	x	13mm x 1.5 Bub Fl	Green	14mm
913-001	1/4"	7/16"-24 Inv Fl	x	7/16"-24 Inv Fl	Gold	9/16"
913-005	1/4"	7/16"-24 Inv Fl	x	9/16"-18 Inv Fl	Blue	9/16"
3026416	1/4"	7/16"-24 Inv Fl	x	1/2"-20 Inv Fl	Gold	1/2"
3413416	1/4"	7/16"-24 Inv Fl	x	12mm x 1.0 Bub Fl	Olive	13mm
3447416	1/4"	7/16"-24 Inv Fl	x	12mm x 1.75 Bub Fl	Gold	13mm
3462416	1/4"	7/16"-24 Inv Fl	x	9/16"-18 Bub Fl	Gold	13mm
60812	6mm	12mm x 1.0 Bub Fl	x	12mm x 1.5 Bub Fl	Olive	14mm
60814	6mm	12mm x 1.0 Bub Fl	x	14mm x 1.5 Bub Fl	Black	16mm



Adapter wall rack assortment Part No. 0443

Create your own custom adapter lines with any line

Part #	Tube Size	Description
51280	3/16"	Universal Flex Section
51281	1/4"	Universal Flex Section

Master Cylinder & ABS Repair Lines

Overall length of 24"



Part #	Fitting	Flare	Style	Union
51274HP	6mm x 12mm x 1.0	Bubble	Standard	4238
51275HP	3/16" - 3/8" - 24 t.p.i	Invert	Standard	3002
51276HP	1/4" - 7/16" - 24 t.p.i	Invert	Standard	3005
51277HP	3/16" x 10mm x 1.0	Invert	Japanese	3059
51278HP	3/16" x 10mm x 1.0	Bubble	Euro/Dom	3044



Bleeder Screws & Caps

Part #	Size	Length	S/P	HP
9400	3/8" - 3/8" - 24	1.50"	10	10
9402	3/8" - 3/8" - 24	1.11"	10	10
9403	5/16" - 5/16" - 24	0.925"	10	10
9404	1/4" - 1/4" - 28	0.925"	10	10
9405	M8 - M8 x 1.25	23.5mm	10	10
9406	M10 - M10 x 1.5	27.5mm	10	10
9407	M10 - M10 x 1.0	37.5mm	10	10
9409	M10 - M10 x 1.0	32.75mm	10	10
9410	M10 - M10 x 1.0	35mm	10	10
9411	M7 - M7 x 1.0	32mm	10	10
9412	M10 - M10 x 1.0	38.5mm	10	10
9413	M7 - M7 x 1.0	38.55mm	10	10
9415	7/16" - 7/16" - 20	1.27"	10	10
9416	M8 - M8 x 1.0	38mm	10	10
9417	1/4" - 1/4" - 28	1.045"	10	10
9421	M10 - M10 x 1.25	33mm	10	10
9422	M8 - M8 x 1.25	32.7mm	10	10
9427	7/16" - 7/16" - 24	1.475"	10	10
9428	M8 - M8 x 1.25	36mm	10	10
9430	M8 - M8 x 1.0	26.29mm	10	10
9450	Small Rubber Bleeder Cap		25	25
9451	Large Rubber Bleeder Cap		25	25

Bleeder Screw Repair Fittings

Part #	Size	S/P	HP
9444	1/4" x 1/8 NPT Repair Fitting	1	2
9444B	5/16" x 7/16"-20 Repair Fitting	1	1

Bleeder Screw Assortment

No.0475 (144 Pieces)

Part #	Qty	Part #	Qty
9400	6	9413	6
9402	10	9415	6
9403	6	9416	6
9404	6	9417	6
9405	6	9421	6
9406	6	9422	6
9407	6	9427	6
9409	6	9428	6
9410	6	9430	6
9411	6	9450	10
9412	6	9451	10



Banjo / Flex Line Bolts

Part #	Thread	Length	Application	Gasket	S/P	HP
5155	M10 x 1.5	32.65mm	GM	3055	1	1
21079	7/16" - 20	1.345"	Chrysler	3048	1	1
21081	M11 x 1.25	30.07mm	Chrysler	3048	1	1
21082	7/16" - 20	1.275"	GM	3048	1	1
21707	M10 x 1.0	29.21mm	Ford	3053	1	1
22453	3/8" - 24	1.26"	Ford	3053	1	1
H9449-2	M10 x 1.5	30.58mm	GM	Included	1	1
H9457-2	7/16" - 20	0.92"	GM	Included	1	1
H9458-2	M10 x 1.5	23.4mm	GM	Included	1	1
H9459-2	7/16" - 20	1.09"	Chrysler	Included	1	1
H9468-2	M11 x 1.25	23.8mm	Chrysler	Included	1	1
H9469-2	M10 x 1.5	33.53mm	Ford	Included	1	1
H9470-2	M10 x 1.5	36.3mm	Ford	Included	1	1
H9471-2	M10 x 1.0	20.32mm	Ford	Included	1	1
H9472-2	3/8" - 24	1.03"	Ford	Included	1	1

Caliper Mounting Bolts



Part #	Thread	Length	Hex	S/P	HP
22570	M12 x 1.25	1.79"	18mm	2	2
22571	M14 x 2.0	1.90"	18mm	2	2
22572	M10 x 1.25	1.01"	14mm	2	2
22573	M12 x 1.25	1.90"	17mm	2	2
22574	M14 x 2.0	2.04"	18mm	2	2
22575	M16 x 2.0	2.16"	21mm	2	2
22576	M12 x 1.75	2.16"	18mm	2	2
22577	M12 x 1.25	1.26"	17mm	2	2
22578	M10 x 1.25	1.58"	18mm	2	2
22579	1/2" - 20	1.51"	3/4"	2	2
22580	M14 x 2.0	2.33"	21mm	2	2
22581	M14 x 2.0	2.08"	21mm	2	2
22582	M14 x 2.0	1.83"	21mm	2	2
22583	M12 x 1.75	1.78"	15mm	2	2
22584	M16 x 1.5	2.29"	21mm	2	2
22585	M14 x 1.5	2.34"	22mm	2	2
22586	M12 x 1.75	1.91"	15mm	2	2
22587	M14 x 1.5	2.07"	21mm	2	2
22588	M14 x 2.0	2.48"	21mm	2	2
22589	M14 x 2.0	2.12"	18mm	2	2
22590	M14 x 2.0	2.16"	15mm	2	2
22591	M12 x 1.25	1.73"	17mm	2	2
22592	M14 x 2.0	1.86"	19mm	2	2
22593	M12 x 1.75	1.64"	15mm	2	2
22594	M14 x 1.5	2.33"	21mm	2	2

Caliper Mounting Bolt Assortment



(2 Boxes)

No.0143 (48 Pieces)

Part #	Qty	Part #	Qty
22570	2	22582	2
22571	2	22583	2
22572	2	22584	2
22573	2	22585	2
22574	2	22586	2
22575	2	22587	2
22576	2	22588	2
22577	2	22589	2
22578	2	22590	2
22579	2	22591	2
22580	2	22592	2
22581	2	22593	2

Banjo / Flex Line Gaskets




Part #	O.D.	I.D.	THK	S/P	HP
3046	15.9m	11.5m	1.9m	10	5
3048	17.3m	10.7m	0.5m	10	5
3051	16.3m	8.3m	1.3m	10	5
3052	21m	12.8m	0.5m	10	5
3053	16.3m	7.7m	1.3m	10	5
3054	20.4m	10.7m	1.4m	10	5
3055	16.4m	10.6m	2.2m	10	5
3056	17.2m	9.7m	1.1m	10	5
3057	14m	10.2m	0.5m	10	5
*3011	-	-	-	10	4

Banjo / Flex Line Gasket Assortment

Asst # 0108M

Contents (41 Pieces)

Part #	Qty	Part #	Qty
21079	2	H9449-2	2
21081	2	H9469-2	2
21082	2	H9470-2	2
21707	2	3048	12
22453	1	3053	4
5155	2	3055	8




Flex Line Gasket Assortment

Asst # 0231

Contents (48 Pieces)

Part #	Qty
3046	6
3048	10
3052	2
3053	6
3054	2
3055	6
3056	10
3057	6



Hi Temp Brake Lube

Used by O.E.Ms on problematic vehicles.

Part # 49596



15oz / 450g

Features:

- High temperature lubricant (1400°C / 2552°F)
- Repels water, salt, and liquid sodium chloride
- Can only be washed off by solvents
- Will not harm rubber components
- Allows disc and drum brake systems to slide freely

Additional Uses:

- Acts as a protective barrier
 - Prevents corrosion on all surfaces
 - Reduces dissimilar metal reaction
 - Replacement for metal based anti-seize
- (Contains no nickel, copper or aluminum)

Brake & Fuel Line Tubing Clips



SP (2) - HP (1)

Part #	Description
3504	(1) 3/16" (1 Slot)
3507	(1) 1/4" (2) 5/16" (1) 3/8" (4 Slots)
3508	(2) 1/4" (2) 5/16" (4 Slots)

Premium Brake Cleaner



Part # FM720

- Non-chlorinated
- Removes dirt, grease & brake dust
- Does not leave residue
- Will not damage rubber components

(Aerosol)
14.25oz / 404ml

Pro-Tech Film



Part # FM1111

- Protection with corrosion & rust inhibitors
- Non-drip / silicone free formula
- Will not dry & is not water soluble
- Repels water and displaces moisture
- Non-conductor / Non-toxic
- Will not harm plastic, painted surfaces or synthetic materials

(Aerosol)
11.3oz / 321ml

High Strength Penetrating Lube



Part # FM2005

- Powerful formulation assures consistent lubrication even under the most extreme conditions

(Aerosol)
15.75oz / 446g

Aerosol Cooper Anti-Seize



Part # FM1625

- Stands up well in adverse conditions
- Withstands temperatures up to 2200°F
- Ideal for corrosive environments
- Withstands pressures in excess of 50,000PSI
- Water-proof in fresh & salt water
- Resistant to gasoline and chemicals

(Aerosol)
12.5oz / 311g

Helps to Prevent Corrosion

HD Odor Eliminator



Part # 914OZ5

- Formulated to neutralize odors not mask
- Enzyme based for long lasting effect
- Spray or fog
- Effective on odors caused by
 - Pets
 - Mildew
 - Decay
 - Tobacco Smoke
- Great for Air Conditioning Ducts

(Aerosol)
5oz / 142ml

Cold Shock Penetrating Lube



Part # 530882

- Penetrates in seconds and neutralizes connection between rust layers
- Fast acting fastener remover
- Free of any mineral oils, silicone or grease
- Will not leave film or residue, trace free

(Aerosol)
14oz / 400ml

Quick Connector Installation Lubrication



Part # 49590

- OEM multi-purpose lubricant
- Eases the installation of quick connectors
- Lubricant is safe for fuel systems

2.8oz / 80ml

100% Brake System Silicone Lube



Part # 49592

- OEM style brake lubricant
- Caliper slides & bushing lube
- Non-petroleum based
- Will not wash off

2.8oz / 80ml

100% Dielectric Silicone Lube



Part # 49593

- OEM dielectric silicone lubricant
- Stops arcing on electrical components
- Prevents seizing
- Will not wash off

2.8oz / 80ml

Brake Lathe Cutting Tips

Sold in 10 packs

Part # 060-10
Accuturn # 433795

ACCUTURN models
8911, 8922, 8944, 8989,
8991, & 8993 11° angle, 1/64" radius



Part # 061-10S

PRO-CUT models 610 on car lathe
VBG models 600 & 610 on car lathe



Part # 062-10
Ammco # 6914-2

AMMCO Models 1000, 1001, 3000, 4000, 4100, 7000, 7700 & 700, 705, 710
ALLTOOL model 747 **BELS** 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



Part # 103-10
Ammco # 6918-10

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



Part # 407-10
FMC# 90487

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



Part # 802-10
Kwikway # 109-1092-23

KWIKWAY / SNAP-ON models NDL, BDL, CBL & KWIK LATHE on car
lathe 108-005-04, SDL & DL **ROTUNDA** model 850 disc lathe **BELS**
model SW504 swing arm lathe **SNAP-ON** models YA180 & YA281



Silencer Bands

Part # 68B

Size - 6" to 32"

- Rotor silencer (with flat weights and flexible attaching clip)
- **Black Neoprene** excellent resistance to oil and chemicals
- **All rotors**



Part # 69

Size - 6" to 32"

- Rotor silencer (with flat weights and flexible attaching clip)
- **Natural rubber beige** OEM # 6920
- **All rotors**



Part # 70B

- Rotor silencer chip deflector
- **All rotors**



Part # 80B

Size - 6" to 72"

- 1 3/4" Drum silencer band with long life & attaching hardware
- **Natural rubber beige** OEM #5280
- **All drums**



Part # 94

Size - 9"

- Rotor silencer band available in 2 diameters
- **Black Neoprene** excellent resistance to oil and chemicals
- OEM #90194 & 6922 **Solid rotors**



Part # 96

Size - 6.5"

Part # 95

Size - 9"

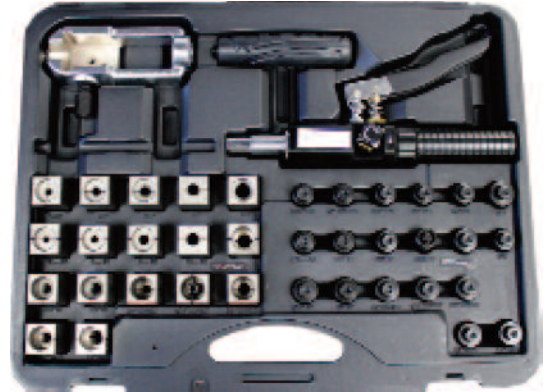
- Rotor silencer band available in 2 diameters
- **Latex tubing** with steel weights OEM # 90195
- **All rotors**





Heavy Duty Universal Hydraulic Flaring Tool

Part # 71475M



Flare	Sizes
Invert (Standard)	3/16", 1/4", 5/16", 3/8", 1/2"
Bubble (Metric)	4.75mm, 6mm, 8mm, 10mm
Male Quick Connect	1/4", 5/16", 3/8", 1/2"
GM Saginaw (O-Ring) Transmission	5/16" & 3/8" 3/8" & 1/2"

Key Benefits:

- Upgraded Piston for Better Quality Flares
- Magnetic Yoke & Ball Plunger to Secure Die Set and Anvil During Set Up
- Striation Free / Pressure Fitting Invert & Bubble Flare Dies to Prevent Tube Damage
- Pegged Die Sets to Ensure Set Up Remains True
- Individually Stamped for Size and Flare on Each Die & Anvil
- Removable Handle for Added Stability
- Secure Molded Case

71475M Flaring Tool Replacement Parts

Invert Die & Anvils Sets

Part #	Description
8539	3/16" Invert Die & Anvil Set
8540	1/4" Invert Die & Anvil Set
8541	5/16" Invert Die & Anvil Set
8542	3/8" Invert Die & Anvil Set
8543	1/2" Invert Die & Anvil Set



Male Quick Connect Die & Anvils Sets

Part #	Description
8548	1/4" Ridge Bead Die & Anvil Set
8549	5/16" Ridge Bead Die & Anvil Set
8550	3/8" Ridge Bead Die & Anvil Set
8551	1/2" Ridge Bead Die & Anvil Set



Transmission Die & Anvils Sets

Part #	Description
8554	3/8" Transmission Die & Anvil Set
8555	1/2" Transmission Die & Anvil Set



Metric Bubble Die & Anvils Sets

Part #	Description
8544	4.75mm Bubble Die & Anvil Set
8545	6mm Bubble Die & Anvil Set
8546	8mm Bubble Die & Anvil Set
8547	10mm Bubble Die & Anvil Set



GM Saginaw Die & Anvils Sets

Part #	Description
8552	5/16" O-Ring Die & Anvil Set
8553	3/8" O-Ring Die & Anvil Set



Anvils Set

Part #	Description
8506	Finish Cone Anvil
8537	Tube Stop Anvil



Stainless Steel Cleaning Brush

Part #
5411



Flaring Tools

Part # 5403
Invert (Standard) Manual Flaring Tool



Part #	Description
5412	3/16" Replacement Anvil
5418	1/4" Replacement Anvil
5419	5/16" Replacement Anvil
5420	3/8" Replacement Anvil

Part # 5405
Bubble (Metric) Manual Flaring Tool



Part #	Description
5421	4.75mm Replacement Anvil
5422	6mm Replacement Anvil
5423	8mm Replacement Anvil
5424	10mm Replacement Anvil

Cutting Tools

Ratcheting



Part # 5406
Small ratcheting tube cutter - 1/8" - 1/2" O.D.
Replacement Blade: Part # 5409

Part # 5407
Large ratcheting tube cutter - 1/4" - 7/8" O.D.
Replacement Blade: Part # 5410

Part # 5408



Telescopic tube cutter w/ reamer
1/8" to 1-1/8" O.D.

Replacement Blade: Part # 5410



Part #	S/P	HP
5409	1	5
* 5410	1	1

* (Hardened Steel)

Tube Reamer



Part # 5429
Adjustable Tube Reamer & Deburring Tool
3/16" to 1/2" Tubing
(I.D.) 3mm - 12mm (O.D.) 4mm - 14mm

Tube Straightener



Part # 5426
Bench Mount Tubing Straightener
3/16", 1/4" 5/16", 3/8" & 1/2"
Straighten steel, aluminum or copper tubing coils

Flaring Tool Rebuild Kit



Part # 71201RK
NOT FOR FMSI 71475M
Hydraulic Flaring Tool Repair Kit
Repairs: bladder powered models,
Manuf: Mastercool, CAT, Snap-On, Matco

Transmission Die Set



Part # 71099-TC
NOT FOR FMSI 71475M
3/8" Transmission Anvil & Die Set
GM Special Flare
Manuf: Mastercool, CAT, Snap-On, Matco

Tube Benders

Part # 5402



Brake & Fuel Line Tube Bender

0° - 180° for 3/16", 1/4", 5/16" & 3/8" Tubing

Part # 5415



Heavy Duty Brake Line Tube Bender Pliers

3/16" - 1/4" & 6mm Tubing

Part # 5448



OE Tube Bender with Clamps

- Replicate OE Line Sets
- 3/16" - 1/4" & 6mm Tubing

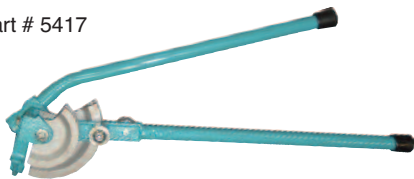
Part # 5416



Grooved Roller Brake & Fuel Tubing Bender

(3/16", 1/4", 5/16" & 3/8") (6mm, 8mm, 10mm)

Part # 5417



Large Diameter Tube Bender

O.D. 5/8", 7/8", 16mm & 22mm
Aluminum Guides Included
 (Copper & Aluminum Tubing)

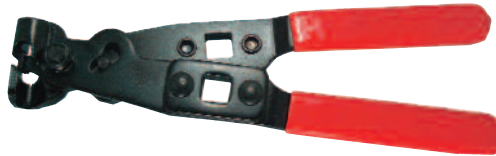
Part # 8502



1/2" Heavy Duty Tubing Bender

CV Boot Clamp Pincers

Part # 5414



360° Seal Clamp / CV Boot Joint Pincers

- Close one eared clamps with 3-way positive press
- Pinch together and down in one movement

Part # 5446



Compound Front Action Pincers

- Optimal performance • Slip resistant grips
- Single hand use • Compound action for easier pinching

Heavy Duty A/C Hose Crimper Tool

Part # 71500M



Asst # 0148
 Bonus Hose
 Ferrule Assortment
 with 71500M

71500M Replacement Pieces

Part #	Description
71500	Hydraulic Crimping Tool
71500-6	Die Set - # 6 (5/16") - <i>Standard Barrier</i> Die Set - # 8 (13/32") - <i>Reduced Barrier</i>
71500-8	Die Set - # 8 (13/32") - <i>Standard Barrier</i>
71500-10	Die Set - # 10 (1/2") - <i>Standard Barrier</i>
71500-12	Die Set - # 12 (5/8") - <i>Standard Barrier</i>
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>

Part # 5445



Ratcheting Pincers

- Designed to fit in hard to reach areas
- Ratchet releases when clamp is properly pinched

Part # 5447



Compound Action Front / Side Pincers

- Optimal performance • Slip resistant grips
- Single hand use • Compound action for easier pinching

Part # 3113

GM Fuel Line Quick Connector Release Tool



Part # 3115

3/8" Fuel Line Quick Connector Release Tool



Ford A/C Spring Lok Disconnectors

Part # 4801

Red - 3/8"	Blue - 1/2"
Black - 5/8"	Cream 3/4"



Fuel & Transmission Disconnect Kit

Part # 4802

Black - 1/4"	Red - 5/16"
Yellow - 3/8"	Blue Oil Cooler disconnect



Fuel & Air Conditioning Disconnect Kit

Part # 4803

Set Included 7 Sizes:

1/4", 5/16", 3/8", 1/2"
 5/8", 3/4" & 7/8"



Crimping Tool Rebuild Kit

Part # 71500RK



Hydraulic Crimping Tool Repair Kit

Repairs: bladder powered models,
 Manuf: FMSI, Mastercool, CAT, Snap-On, Matco



Fuel Injection Hose, Nylon Fuel Line Tubing & Brass Barbs

• SAE J30R9 • FI Hose • Brass Joiners

SAE J30R9 Fuel Injection Hose

(Fuel Rated for Gasoline, Ethanol Extended Gasoline, Diesel & Bio-diesel)

*Hose imprinted with the following

FMSI AUTOMOTIVE HARDWARE SAE J30R9 5/16" I.D. FUEL INJECTION HOSE FOR GASOLINE, ETHANOL, BIO DIESEL 900PSI BURST PRESSURE

FMSI Automotive Hardware's Fuel Injection Hose J30R9

handles the higher pressures, temperatures and hybrid fuels found in today's hotter running engines.



Features:

- Compatible with Gasoline, E85 Flex-fuel, Diesel, Bio-Diesel & Lubrication Oils
- 900 PSI Burst Pressure
- 100 PSI Working Pressure
- Constructed with Low Permeation Elastomer Liner
- Maximum Fuel Permeation of 15g/m² / day at 40°C
- Meets SAE J30R9
- Durable Outer Cover Resistant to Abrasion, Oil, Grease, Ozone & Coolants
- Handles Temperature Extremes of -30°F(-34.5° C) to 300°F(149°C)
- Available in 1/4", 5/16", 3/8" & 1/2" I.D. and in Lengths of 10', 25' & 250' Coils

1/4"



5/16"

8M



3/8"



1/2"



Part #	Size	Coil Length
FIJ1	1/4"	10'
FIJ1A	1/4"	25'
FIJ1B	1/4"	250'

Part #	Size	Coil Length
FIJ2	5/16" (8mm)	10'
FIJ2A	5/16" (8mm)	25'
FIJ2B	5/16" (8mm)	250'

Part #	Size	Coil Length
FIJ3	3/8"	10'
FIJ3A	3/8"	25'
FIJ3B	3/8"	250'

Part #	Size	Coil Length
FIJ4	1/2"	10'
FIJ4A	1/2"	25'
FIJ4B	1/2"	250'

Black Nylon 11 Fuel Line Tubing

(Fuel Rated for Gasoline, Ethanol Extended Gasoline & Diesel)

220-250 p.s.i.
Working Pressure
800-1000 p.s.i.
Burst Pressure



1/4"

5/16"

M8

M10

Part #	Size	Coil Length
2997-25	1/4"	25'
2997-100	1/4"	100'
2997-1000	1/4"	1000'

Part #	Size	Coil Length
2962-25	5/16" (8mm)	25'
2962-100	5/16" (8mm)	100'
2962-1000	5/16" (8mm)	1000'

Part #	Size	Coil Length
2963-25	10mm	25'
2963-100	10mm	100'
2963-1000	10mm	1000'

3/8"

1/2"

5/8"

Part #	Size	Coil Length
2998-25	3/8"	25'
2998-100	3/8"	100'
2998-1000	3/8"	1000'

Part #	Size	Coil Length
3350-10	1/2"	10'
3350-25	1/2"	25'

Part #	Size	Coil Length
3351-10	5/8"	10'
3351-25	5/8"	25'

Easily repair or replace damaged and corroded steel or nylon fuel lines. Splice directly onto Original Equipment lines.

Convuluted Tubing Nylon Fuel Line

Part #	Size	Length
2962CVT	5/16" (M8)	10.5 Inch
2936-36	5/16" (M8)	36 Inch
2936	5/16" (M8)	25 Ft Coil
2963CVT	M10	10.5 Inch
2937-36	M10	36 Inch
2937	M10	25 Ft Coil



Nylon Fuel Line Tube Cutter

Part # M029



- Hand Held "V" Notched Tube Cutter
- Ideal for Fuel, Vacuum & Vent Line Tubing 1/8" to 5/8"

Brass Nylon Tubing Joiner



Part #	Hose I.D.	Use with Nylon	Use with Clamp	S/P	HP
2994	1/4" (M6)	2997	2940	2	2
2959	5/16" (M8)	2962	2980	2	2
2968	M10	2963	2981	2	2

Brass Nylon Tubing Reducer Joiner



Part #	Hose I.D.	Use with Nylon	Use with Clamp	S/P	HP
3204	1/4" to 5/16" (M6 to M8)	2997 to 2962	2940 to 2980	2	2
3205	5/16"/M8 to 3/8"	2962 to 2998	2980 to 2981	2	1

Brass Hose Tubing Joiner



Part #	Hose (1)	Hose (2)	S/P	HP
2885	1/4"	1/4"	2	2
2886	5/16"	5/16"	2	2
2887	3/8"	3/8"	2	2
2894	1/2"	1/2"	2	2
2895	5/8"	5/8"	2	2
2896	3/4"	3/4"	2	2

Brass Nylon Tubing 90° Joiner



Part #	Hose I.D.	Use with Nylon	Use with Clamp	S/P	HP
3225	1/4" (M6)	2997	2940	2	2
3226	5/16" (M8)	2962	2980	2	2

Brass Nylon Tubing Tee Joiner



Part #	Hose I.D.	Use with Nylon	Use with Clamp	S/P	HP
3223	1/4"/M6	2997	2940	2	2
3224	5/16"/M8 3/8"	2962 2998	2980 2981	2	2

360° Seal Clamps

100% seal between clamp inner band and outside of tubing with no gaps or damage to hose or tube.



Part #	Size Ref	Range (mm)	Size Ref	Range (Inch)	Application
2940	7.0mm	5.8 - 7.0	9/32"	.228 - .275	Nylon Tubing
2950	8.7mm	7.0 - 8.7	11/32"	.275 - .343	Nylon Tubing
3229	9.0mm	7.4 - 8.1	19/64"	.297 - .313	Nylon Tubing
2980	9.5mm	7.8 - 9.5	3/8"	.307 - .374	Nylon Tubing
2981	10.5mm	8.8 - 10.5	13/32"	.346 - .413	Nylon Tubing
2982	11.3mm	9.6 - 11.3	7/16"	.378 - .445	Nylon Tubing
2983	12.3mm	9.8 - 12.3	15/32"	.385 - .484	Hose
2984	13.3mm	10.8 - 13.3	1/2"	.425 - .524	Hose
2985	14.5mm	12.0 - 14.5	9/16"	.472 - .571	Hose

Part #	Size Ref	Range (mm)	Size Ref	Range (Inch)	Application
2986	15.7mm	13.2 - 15.7	5/8"	.520 - .618	Shop Air Line
2987	17.0mm	14.5 - 17.0	11/16"	.571 - .669	Shop Air Line
2988	18.5mm	15.3 - 18.5	23/32"	.602 - .728	Shop Air Line
3227	19.8mm	16.6 - 19.8	25/32"	.654 - .779	Hose
2989	21.0mm	17.8 - 21.0	13/16"	.701 - .827	Hose
2990	24.1mm	20.9 - 24.1	15/16"	.823 - .949	Hose
2991	25.6mm	22.4 - 25.6	1"	.882 - 1.008	Hose
2995	28.6mm	25.4 - 28.6	1-1/8"	1.004 - 1.126	Hose

Fuel Injection Hose Clamps



Assortment # 0329
(36 Pcs)

Part #	Hose Size
FI2	7mm - 9mm Fuel Injection Hose
FI4	1/4" Fuel Injection Hose
FI6	5/16" Fuel Injection Hose
FI8	3/8" Fuel Injection Hose
FI10	10mm-12mm Fuel Injection Hose

360° Seal Clamp Assortment



Assortment # 0300
9.5mm to 25.6mm

Part #	Part #
2980 - 9.5mm (10 pcs)	2986 - 15.7mm (8 pcs)
2981 - 10.5mm (10 pcs)	2987 - 17mm (8 pcs)
2982 - 11.3mm (10 pcs)	2988 - 18.5mm (6 pcs)
2983 - 12.3mm (10 pcs)	2989 - 21mm (6 pcs)
2984 - 13.3mm (10 pcs)	2990 - 24.1mm (5 pcs)
2985 - 14.5mm (8 pcs)	2991 - 25.6mm (5 pcs)

2 Ear Hose Clamps



Assortment # 0360
(118 Pcs)

Part #	Size Range
2900	3.1mm to 4.1mm
2901	3.5mm to 4.5mm
2902	3.4mm to 5.0mm
2903	5.0mm to 7.0mm
2904	7.0mm to 9.0mm
2905	8.1mm to 11.0mm
2906	10.8mm to 13.0mm
2907	12.5mm to 15.0mm
2908	14.0mm to 17.0mm
2909	15.0mm to 18.0mm
2910	16.2mm to 20.0mm
2911	18.0mm to 22.0mm
2912	19.0mm to 23.0mm
2913	21.0mm to 25.0mm
2914	22.5mm to 27.0mm
2915	24.0mm to 28.0mm
2916	26.3mm to 31.0mm

Stainless Steel Band Worm-drive Hose Clamps



Sizes Available
Mini (4 - 6)
Standard (8 - 60)

Features:

- The high strength mechanically interlocked construction has no spot welding to weaken resistance to corrosion
- The fully threaded screw penetrates the perforated band, increasing the strength and reducing the risk of the clamp working loose
- Stainless steel band, carbon housing and carbon screw
- Re-usable fixed bridge worm-drive hose clamp
- Flexible band for easy handling and fitting with plastic and rubber hoses
- 5/16" (M8) Slotted hex head screw

Insulated Loom Clamps



(S/P & HP 10 Pk)

Part #	Size
6000	3/16" Loom Clamp
6001	1/4" Loom Clamp
6002	5/16" & 3/8" Loom Clamp
6003	1/2" Loom Clamp
6004	5/8" Loom Clamp
6005	3/4" Loom Clamp

MH Clamps Band Width 8mm (0.315") Thickness 0.5mm (.020") • HS Clamps Band Width 12mm (0.472") Thickness 0.8mm (.032")

Part #	Size Range (Inch)	Size Range (mm)	S/P	HP	Part #	Size Range (Inch)	Size Range (mm)	S/P	HP
MH4F	5/16" - 5/8"	8mm - 16mm	10	10	HS24F	1" - 2"	26mm - 51mm	10	10
MH5F	5/16" - 3/4"	8mm - 19mm	10	10	HS28F	1-1/4" - 2-1/4"	32mm - 57mm	10	10
MH6F	5/16" - 7/8"	8mm - 22mm	10	10	HS32F	1-1/2" - 2-1/2"	38mm - 63mm	10	10
HS8F	7/16" - 1"	11mm - 25mm	10	10	HS36F	1-3/4" - 2-3/4"	45mm - 70mm	10	10
HS10F	1/2" - 1-1/16"	13mm - 27mm	10	10	HS40F	2" - 3"	51mm - 76mm	10	10
HS12F	9/16" - 1-1/4"	14mm - 32mm	10	10	HS44F	2-1/4" - 3-1/4"	57mm - 82mm	10	10
HS16F	11/16" - 1-1/2"	18mm - 38mm	10	10	HS48F	2-1/2" - 3-1/2"	64mm - 89mm	10	10
HS20F	3/4" - 1-3/4"	19mm - 44mm	10	10	HS60F	3-5/16" - 4-1/4"	84mm - 108mm	10	10

CV Joint Clamp Replacement Kit



Part # 0579

- Create the perfect size... Every time
- 304 Stainless steel crimp and band for resisting corrosion and scaling
 - Perforated band (7mm) ideal for creating various diameters
 - Ear dimpled for increased clamp force

General Purpose Copper Tubing



Tube Size	1/8"	3/16"	1/4"	5/16"	3/8"
25'	CT2	CT3	CT4	CT5	CT6
Tube Size	7/16"	1/2"	5/8"	3/4"	
25'	CT7	CT8	CT10	CT12	

WARNING:

Copper Tubing not to be used for brake or propane applications

Fuel Line Sets with Attaching Hardware (GM, Ford, Chrysler)(Gas / Diesel)

NEW

Part # 8701
3/8" GM Diesel Truck Feed & Return Line
Included Attaching Hardware:
2842 (1) - 2963-25 (1) - 2967 (1)
2982 (1) - 3135 (1) & 4760 (1)
Length: 25 Ft

NEW

Part # 8702
1/2" GM Diesel Truck Feed Line
Included Attaching Hardware:
3312 (1) - 3350-10 (1) - 4405 (1)
Length: 10 Ft

NEW

Part #	Tube Size	Pieces
8704	3/8" GM Feed Line	12
8705	5/16"(M8) GM Return Line	7
8706	5/16"(M8) Ford, Chrysler Feed or Return Line	8
8707	3/8" Ford, Chrysler Feed or Return Line	10

8701 + 8702 = 8703 - Return & Feed Including Attaching Hardware

Feed Fuel Line (06' to 10' Chevrolet Cobalt / Pontiac G5 / 02'-07' Saturn Ion)

NEW

Part # 8708

Feed Line

60" Heat Shield Protected
1100°F (593°C)

Fuel Filter Included

Also Included Hardware:
3102 (1) - 3/8" Replacement Retainer Clip
3113 (1) - Disconnector Tool

10mm Feed Line with Filter Included Attaching Hardware:
2842 (1) - 2963-25 (1) - 3356L (1) - 9052 (1) - GF372 (1)
Length: 25 Ft

8704 - Return line

Inline Check Valve (Steel or Nylon Fuel Lines)

Part # 4910 - 5/16"(M8)

Problem:
Fuel pump check valve fails causing fuel pressure drop and hard starts.

Part # 4911 - 3/8"

Solution:
Install in-line check valve. Inexpensive 15 minute repair, works with steel and nylon fuel line.

GM Duramax Diesel Fuel Repair Lines

2001 - 2013

Part # 3158
2500 & 3500 Diesel Truck Fuel Cooler Repair Line
Replaces leaking return fuel cooler hose from cooler to tank line

Part # 3360

Part #	Description
3158	3/8" x 24" GM 2500 & 3500 Truck Diesel Fuel Cooler Repair Line
3360	1/2" x 60" Cupro Nickel with Ridge Bead to 1/2" Compression Union (4405)
3361	1/2" x 10" Cupro Nickel with Ridge Bead to 1/2" Compression Union (4405)
3362	1/2" x 12" Cupro Nickel with Ridge Bead to Ridge Bead

GM Truck Tank Hose to Steel Tube Repair Lines

Part #	Description
4357	5/16" x 32" (24" Steel to 8" Hose) (Female) 14mm x 1.5
4356	3/8" x 32" (24" Steel to 8" Hose) (Female) 16mm x 1.5

Nylon Fuel Repair Lines with Flex Section

(Easily bends into 90° & "S" bends without kinking)

Part #	Connection
3088K	1/4" connector to 8mm / 5/16" nylon Ford
3069K	5/16" connector to 8mm / 5/16" nylon Ford
3169	5/16" connector to 10mm nylon Ford
3070K	3/8" connector to 8mm / 5/16" nylon Ford
3071K	3/8" connector to 10mm nylon Ford

Part #	Connection
3085K	8mm - 5/16" nylon fuel line splice
3086K	10mm - 3/8" nylon fuel line splice

Part #	Connection
3153K	5/16" connector elbow to 8mm / 5/16" nylon GM, Chrysler
3155K	5/16" connector elbow to 10mm nylon GM, Chrysler
3154K	3/8" connector elbow to 10mm nylon GM, Chrysler

Part #	Connection
3068K	5/16" connector 90° elbow to 8mm / 5/16" nylon Ford, GM
3091K	3/8" connector 90° elbow to 8mm / 5/16" nylon Ford, GM
3092K	3/8" connector 90° elbow to 10mm nylon Ford, GM

Part #	Connection
3167	1/4" connector to 8mm / 5/16" nylon GM, Chrysler
3101K	5/16" connector to 8mm / 5/16" nylon GM
3100K	3/8" connector to 10mm nylon GM

Part #	Connection
3156K	5/16" 45° connector elbow to 5/16" (8mm) nylon splice
3157K	3/8" 45° connector elbow to 3/8" nylon splice

Nylon Evap & Vent Repair Lines

Part #	Connection
3310K	12mm to 1/2" Evaporator Tube Repair
3311K	12mm to 90° Elbow 1/2" Evaporator Tube Repair
3312K	1/2" to 1/2" Evaporator Tube Repair
3313K	1/2" to 90° Elbow 1/2" Evaporator Tube Repair
3314K	5/8" to 5/8" Evaporator Tube Repair
3315K	5/8" to 90° Elbow 5/8" Evaporator Tube Repair
3316K	5/8" to 45° Elbow 5/8" Evaporator Tube Repair
3310K	12mm to 1/2" Evaporator Tube Repair
3311K	12mm to 90° Elbow 1/2" Evaporator Tube Repair

Ridge Bead to Ridge Bead Adapter Lines

1/4" Tubing		5/16" Tubing		3/8" Tubing	
Part #	Length	Part #	Length	Part #	Length
3293	4"	3294	4"	3295	4"
3095-12	12"	3067-12	12"	3066-12	12"
3095	18"	3067	18"	3066	18"
3152	36"	3302	24"	3150	36"
		3151	36"		

Ridge Bead to Nylon Tube



Part #	Size & Length	S/P	HP
3138	1/4" x 3 3/4" to 5/16" Nylon Tubing	2	2

Ford / GM / Chrysler

Ridge Bead to Nylon Adapter Line



All Makes 2 Pk

Part #	Size & Length
3144	1/4" x 3 3/4" to 2997 Nylon Tube
3118	5/16" x 3 3/4" to 2962 Nylon Tube
3118L	5/16" x 6" to 2962 Nylon Tube
3117	3/8" x 3 3/4" to 2998 Nylon Tube
3134	3/8" x 3 3/4" to 2963 Nylon Tube

Ridge Bead to Hose Bump Adapter Line



All Makes

Part #	Size & Length	S/P	HP
3201	1/4" x 3 3/4" Use FIJ1 Hose	1	2
3188	5/16" x 3 3/4" Use FIJ2 Hose	1	2
3189	3/8" x 3 3/4" Use FIJ3 Hose	1	2

Hose Bump to Nylon Adapter Line



All Makes

Part #	Size & Length	S/P	HP
3122	5/16" x 3 3/4" Use 2962 Nylon Tube	1	1
3121	3/8" x 3 3/4" Use 2998 Nylon Tube	2	2
3133	3/8" x 3 3/4" Use 2963 Nylon Tube	2	2

Hose Bump Adapter Lines



Part #	Size & Length	S/P	HP
3148	5/16" x 4" w/ Hose Bump	1	1
3147	3/8" x 4" w/ Hose Bump	1	1
3771	3/8" x 24" w/ Hose Bump	1	1

GM Threaded Fitting to Nylon Adapter Line



2 Pk

Part #	Size & Length
3119	5/16" (M14 x 1.5) x 3 3/4" to 2962 Nylon Tube
3119L	5/16" (M14 x 1.5) x 6" to 2962 Nylon Tube
3120	3/8" (M16 x 1.5) x 3 3/4" to 2998 Nylon Tube
3135	3/8" (M16 x 1.5) x 3 3/4" to 2963 Nylon Tube
3135L	3/8" (M16 x 1.5) x 6" to 2963 Nylon Tube
3268	3/8" (M16 x 1.5) x 6" to 2998 Nylon Tube

GM Pickup Feed & Return Repair Line



Part #	Size & Length	Fitting
3063Z	5/16" x 9" Return	14mm x1.5
3062Z	3/8" x 9" Feed	16mm x 1.5

GM Steel Fuel Lines to Hose Repair Line



5/16" -14mm x 1.5 to Hose (Use FIJ2 Hose) 3/8" - 16mm x 1.5 to Hose (Use FIJ3 Hose)

Part #	Length	Part #	Length
3146	4"	3145	4"
3181	6"	3180	6"
3063	9"	3062	9"
3308	12"	3307	12"
3061	18"	3060	18"
3065D	30"	3064D	30"
3065	36"	3064	36"
3309	48"	3301	48"
3271	60"	3270	60"



90° Nylon to Nylon Adapter Lines



Part #	Size & Length	S/P	HP
3143	1/4" x 3 3/4" x 90° Hose Bump Use 2997 Nylon Tube	2	2
3116	5/16" x 3 3/4" x 90° Hose Bump Use 2962 Nylon Tube	1	1
3162	3/8" x 3 3/4" x 90° Hose Bump Use 2963 Nylon Tube	1	1

90° Nylon to Sending Unit Adapter Lines



Part #	Size & Length	S/P	HP
3143	1/4" x 3 3/4" x 90° Hose Bump Use 2997 Nylon Tube	2	2
3116	5/16" x 3 3/4" x 90° Hose Bump Use 2962 Nylon Tube	1	1

Threaded Steel 90° Fuel Repair Line



Part #	Size & Length
3195	5/16" (M14 x 1.5) x 90° x 4 3/4" to Nylon Use 2962 Nylon Tube GM
3197	5/16" (M14 x 1.25) x 4 3/4" to Nylon Use 2962 Nylon Tube Japanese
3198	5/16" (M14 x 1.25) x 45° x 4 3/4" to Nylon Use 2962 Nylon Tube Japanese
3196	3/8" (M16 x 1.5) x 90° x 4 3/4" to Nylon Use 2963 Nylon Tube GM

Threaded Fitting to Nylon Tube



All Makes * Attaching Hardware included

Part #	Size & Length
3272	5/16" x 4 3/4" (1/2"-20) Use 2962 Nylon Tube
3273	3/8" x 4 3/4" (5/8"-18) Use 2963 Nylon Tube
* 3296	5/16" x 4 3/4" (1/2"-20) Use 2962 Nylon Tube
* 3299	3/8" x 4 3/4" (5/8"-18) Use 2963 Nylon Tube

180° Adapter Line to Hose



Part #	Size & Length
3149	3/8" (M16 x 1.5) x 180° x 6" to Nylon Use 2963 Nylon Tube

Ridge Bead to Nylon Adapter Line



Part #	Size & Length
3171	5/16" x 3 3/4" 90° to 2962 Nylon Tube
3172	3/8" x 3 3/4" 90° to 2963 Nylon Tube

Ridge Bead Adapter Line



Part #	Size & Length	S/P	HP
3142	5/16" x 3 3/4" - 90° Elbow Unformed	2	1
3141	3/8" x 3 3/4" - 90° Elbow Unformed	2	1



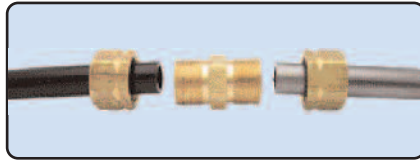
GM Steel Fuel Repair Lines w/ Attaching Hardware

5/16" - 14mm x 1.5

Part #	Length
51404	4"
51406	6"
51409	9"
51412	12"
51418	18"
51430	30"
51436	36"
51448	48"
51460	60"



Includes 360° Seal Compression Union (2800 Series) Steel or Nylon



Ferrule centered and attached to nut to ensure leak free connection

3/8" - 16mm x 1.5

Part #	Length
61604	4"
61606	6"
61609	9"
61612	12"
61618	18"
61630	30"
61636	36"
61648	48"
61660	60"



Threaded Steel Fuel Repair Lines

Part #	Size & Length
3303	5/16" x 18" (M14 x 1.5 O-ring) x (1/2"-20 Invert)
3304	3/8" x 18" (M16 x 1.5 O-ring) x (5/8" - 18 Invert)

Threaded Steel Import Fuel Repair Lines

Part #	Size & Length
3445K	5/16" x 12" (M14 x 1.5) Japanese / GM
3448K	5/16" x 12" (M14 x 1.25) Japanese / GM
* 3487K	5/16" x 8 3/4" (M14 x 1.5) Toyota
* 3488K	5/16" x 8 3/4" (M14 x 1.5) Honda

GM Threaded Fitting to Ridge Bead



Part #	Size & Length
3153	5/16" (M14 x 1.5) x 4" to Ridge Bead
3154	3/8" (M16 x 1.5) x 4" to Ridge Bead

Steel Fuel Repair Lines



Part #	Size & Length
3305	5/16" (1/2" - 20 Invert) x 18" to Ridge Bead
3306	3/8" (5/8" - 18 Invert) x 18" to Ridge Bead

Replacement Viton O-Rings



Part #	Tube Size	S/P	HP
2803	1/4"	25	10
2881	5/16"	25	10
2880	3/8"	25	10

GM High Flow Fuel & P/S Unions



Part #	Tube Size (1)	Tube Size (2)	S/P	HP
4303	14mm x 1.5	14mm x 1.5	1	1
4302	16mm x 1.5	14mm x 1.5	1	1

Fuel Line Tube Nuts



Part #	Tube Size	Thread	Thread Pitch	S/P	HP
3009	5/16"	14mm	1.5 GM (Olive)	10	2
3445	5/16"	14mm	1.5 GM Japanese (Yellow)	10	2
3448	5/16"	14mm	1.25 Japanese (Silver)	10	2
3487	5/16"	14mm	1.5 Toyota Coated (Gold)	5	2
3488	5/16"	14mm	1.5 Honda Coated (Olive)	5	2
3008	3/8"	16mm	1.5 GM (Olive)	10	2

GM Female Tank Sender Fittings



Part #	Hose Size	Thread	S/P	HP
4301	5/16"	14mm x 1.5	1	1
4300	3/8"	16mm x 1.5	1	1

Brass Female Tube to Nylon



Part #	Tube Size	Thread	Clamp	S/P	HP
4237	5/16" (8mm)	14.5mm x 1.5	2980	1	1
4236	10mm	16mm x 1.5	2982	1	1

Fuel Repair Lines

Part #	Size
Steel Quick Connector to Nylon Repair Lines	3166 1/4"
	3165 5/16"
	3164 3/8"

GM Fuel Repair Lines

Part # 3163

3/8" to 180° x 3/8" Steel hose swage '95 - early '98 plastic modular fuel sender to filter repair line Cavalier, Sunfire, Grand Am, etc.



Part # 3175

3/8" to 10mm x 90° to 10mm Brass joiner '98 - '02 Plastic modular fuel sender to filter repair line Cavalier, Sunfire.



Part # 3176

3/8" to 90° x 3/8" Steel hose swage '98 - up plastic modular fuel sender to filter repair line Grand Am, Alero.



Sending Unit to O-Ring Repair Lines



Part #	Size & Length
3075	5/16" x 4 3/4" (M14 x 1.5 O-ring GM)
3161	5/16" x 8 1/2" (M14 x 1.5 O-ring GM)
3077	5/16" x 12" (M14 x 1.5 O-ring GM)
3126	5/16" x 30" (M14 x 1.5 O-ring GM)
3128	5/16" x 36" (M14 x 1.5 O-ring GM)
3074	3/8" x 4 3/4" (M16 x 1.5 O-ring GM)
3160	3/8" x 8 1/2" (M16 x 1.5 O-ring GM)
3076	3/8" x 12" (M16 x 1.5 O-ring GM)
3078	3/8" x 18" (M16 x 1.5 O-ring GM)
3127	3/8" x 30" (M16 x 1.5 O-ring GM)
3129	3/8" x 36" (M16 x 1.5 O-ring GM)

Sending Unit to Ridge Bead Repair Lines



Part #	Size & Length
3139	1/4" x 3 3/4" Sending Unit to Ridge Bead
3073	5/16" x 4" Sending Unit to Ridge Bead
3073L	5/16" x 4 3/4" Sending Unit to Ridge Bead
3079	5/16" x 12" Sending Unit to Ridge Bead
3123	5/16" x 16" Sending Unit to Ridge Bead
3130	5/16" x 36" Sending Unit to Ridge Bead
3072	3/8" x 4" Sending Unit to Ridge Bead
3072L	3/8" x 4 3/4" Sending Unit to Ridge Bead
3080	3/8" x 12" Sending Unit to Ridge Bead
3124	3/8" x 16" Sending Unit to Ridge Bead
3131	3/8" x 36" Sending Unit to Ridge Bead

Sending Unit to Hose Bump Repair Lines



Part #	Size & Length
3292	1/4" x 4" Sending Unit to Hose
3291	5/16" x 4" Sending Unit to Hose
3081	5/16" x 12" Sending Unit to Hose
3125	5/16" x 16" Sending Unit to Hose
3083	5/16" x 18" Sending Unit to Hose
3132	5/16" x 36" Sending Unit to Hose
3290	3/8" x 4" Sending Unit to Hose
3082	3/8" x 12" Sending Unit to Hose
3084	3/8" x 18" Sending Unit to Hose

Compression Unions & Quick Couplers

• Brass • Steel • Nylon



Steel to Steel Compression Unions



Joining Steel/Copper to Steel/Copper Lines

Part #	Tube Size	Edelmann	W/H	S/P	HP
2952	1/8"	162200	62x2	2	2
2955	3/16"	162300	62x3	2	2
2956	1/4"	162400	62x4	2	2
2957	5/16"/M8	162500	62x5	2	2
2958	3/8"	162600	62x6	2	2
3776	1/2"	162800	62x8	1	1
3777	5/8"	162900	62x10	1	1
3778	3/4"	162920	62x12	1	1

Steel to Steel Compression Tees



Joining Steel/Copper to Steel/Copper Lines

Part #	Tube Size	Edelmann	W/H	S/P	HP
3780	1/8"	164200	-	1	1
3781	3/16"	164300	64x3	1	1
3782	1/4"	164400	64x4	1	1
3783	5/16"	164500	64x5	1	1
3784	3/8"	164600	64x6	1	1
4821	1/2"	164800	64x8	1	1

Steel to Steel Compression Elbow



Joining Steel/Copper to Steel/Copper Lines

Part #	Tube Size	Edelmann	W/H	S/P	HP
3785	3/8"	165600	65x6	1	1
4919	1/2"	165800	65x8	1	1

HD Compression Unions (5000 PSI)



High Pressure Steel Compression Unions 5,000 PSI

- 5000 PSI burst pressure
- 1200 PSI working pressure
- Compatible with all metal tubes

Part #	Tube Size	S/P	HP
3451	3/16"	1	1
3452	1/4"	1	1
3453	5/16"/M8	1	1
3454	3/8"	1	1
3459	M10	1	1
3460	M12	2	2
3461	3/8" to M10	2	2

Steel to Nylon Compression Unions



Joining Steel/Copper to Nylon Lines

Part #	Tube Size	S/P	HP
2941	1/4"	4	4
2942	5/16"/M8	4	4
2943	3/8"	4	4

Nylon to Nylon Compression Unions



Joining Nylon to Nylon Lines

Part #	Tube Size	S/P	HP
2890	1/4"	4	2
2891	5/16"/M8	4	2
2892	3/8"	4	2

360° Seal Compression Unions (2800 Series) Steel OR Nylon

Part #	Tube Size	S/P	HP
2855	3/16"	2	2
2856	1/4"	2	2
2857	5/16"/M8	2	2
2858	3/8"	2	2
*2859	M10	2	2
4405	1/2"	2	2
4406	5/8"	2	2

Ferrule centered and attached to nut to ensure leak free connection



Type of Tubing Number of turns with wrench after finger tightening

Steel - Copper 1 and 1/2 Turns
Nylon 3/4 of a Turn

360° Seal Reducer Compression Unions (2800 Series) Steel OR Nylon

Part #	Tube Size	S/P	HP
2840	5/16"/(M8) to 1/4"	4	2
2841	3/8" to 5/16"/M8	4	2
*2842	M10 to 3/8"	4	2
*2843	M10 to 5/16"/M8	2	2
2844	1/2" to 3/8"	2	2



* 10mm Nylon Tubing Only

360° Seal Elbow Compression Unions (2800 Series) Steel OR Nylon

Part #	Tube Size	S/P	HP
2845	1/4"	2	2
2846	5/16" (M8)	2	2
2847	3/8"	2	2
*2848	3/8" to 10mm	2	2
*2849	10mm	2	2



* 10mm Nylon Tubing Only

360° Seal Compression Union Nuts (2800 Series) Steel OR Nylon

Part #	Tube Size	S/P	HP
3213	3/16"	2	2
3214	1/4"	2	2
3215	5/16" (M8)	2	2
3216	3/8"	2	2
3775	1/2"	1	1



360° Seal Compression Union To Fuel Injection Hose (2800 Series) Steel OR Nylon Tubing

Part #	Tube Size	Hose I.D.	S/P	HP
2820	5/16"/M8	5/16"/M8	2	2
2821	3/8"	3/8"	2	2
2822	10mm	3/8"	2	2



Nylon Tubing Quick Coupler Joiners

Part #	Tube Size	Use With Nylon	S/P	HP
2945	1/4"	2997	2	2
2946	8mm	2962	2	2
2947	3/8"	2998	2	2
2948	10mm	2963	2	2
2949	5/16"	2962	2	2



Replacement Brass Ferrules



Part #	Tube Size	Edelmann	W/H	S/P	HP
3766	1/8"	160200	60x2	25	10
3209	3/16"	160300	60x3	25	10
3210	1/4"	160400	60x4	25	10
3211	5/16"/M8	160500	60x5	25	10
3212	3/8"	160600	60x6	25	10
3767	1/2"	160800	60x8	5	2
3768	5/8"	160900	60x10	5	2
3219	3/4"	160920	60x12	5	2

Nylon Ferrules



Part #	Tube Size	S/P	HP
3206	1/4"	25	10
3207	5/16" (M8)	25	10
3208	3/8"	25	10

M10 Ferrule & Nut



Nylon Only

Part #	Description	S/P	HP
3241	Ferrule	2	2
3240	Nut	2	2

Compression Union Nuts



Part #	Tube Size	Edelmann	W/H	S/P	HP
3772	1/4"	161400	61x4	1	1
3773	5/16"/M8	161500	61x5	1	1
3774	3/8"	161600	61x6	1	1
3775	1/2"	161800	61x8	1	1

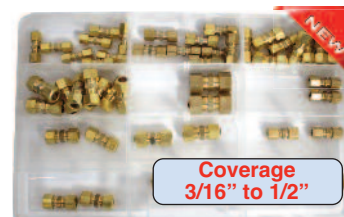
360° Seal Compression Union Asst. Asst # 0258



Coverage 3/16" to 1/2"

38 piece assortment allows you to join any combination of nylon, steel or nylon to steel using 360° seal compression unions

Universal Compression Union Asst. Asst # 0257



Coverage 3/16" to 1/2"

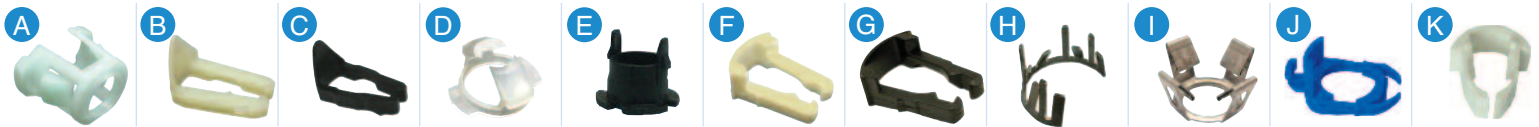
48 piece universal compression union with coverage from 3/16" to 1/2"



Part #	Description	Tubing	S/P	HP
2973	1/4" to 8mm / 5/16" nylon tubing	2962-25	2	1
2964	5/16" - 90° to 8mm / 5/16" nylon tubing	2962-25	2	2
2965	5/16" to 8mm / 5/16" nylon tubing	2962-25	2	2
2974	5/16" to 10mm nylon tubing	2963-25	1	2
2979	5/16" to 8mm / 5/16" nylon tubing	2962-25	2	2
3153C	5/16" - 90° to 8mm / 5/16" nylon tubing	2962-25	2	2
3155C	5/16" - 90° to 10mm nylon tubing	2963-25	2	2
3156C	5/16" - 45° to 8mm / 5/16" nylon tubing	2962-25	2	2
3370	5/16" - 90° to 8mm / 5/16" nylon tubing	2962-25	2	1
3371	5/16" to 8mm / 5/16" nylon tubing	2962-25	2	1
3372	5/16" to 8mm & 8mm 90° to nylon tubing	2962-25	2	1
3378	5/16" (8mm) to 5/16" (8mm) nylon tubing	2962-25	2	1
3379	5/16" - 90° to 8mm / 5/16" to nylon tubing	2962-25	2	1
3375	3/8" to 10mm nylon tubing	2963-25	2	1
2966	3/8" to 8mm / 5/16" nylon tubing	2962-25	2	2
2967	3/8" to 10mm nylon tubing	2963-25	2	2

Part #	Description	Tubing	S/P	HP
2971	3/8" - 90° to 10mm nylon tubing	2963-25	2	2
2972	3/8" - 90° to 8mm / 5/16" nylon tubing	2962-25	2	2
2978	3/8" to 10mm nylon tubing	2963-25	2	2
3154C	3/8" - 90° to 10mm nylon tubing	2963-25	2	2
3157C	3/8" - 45° to 10mm nylon tubing	2963-25	2	2
3339	3/8" - 90° to 5/16" / 8mm nylon tubing	2962-25	2	2
3342	3/8" - 45° to 5/16" / 8mm nylon tubing	2962-25	2	2
3376	3/8" - 90° to 10mm nylon tubing	2963-25	2	2
3312	1/2" to 1/2" nylon tubing	3350-10	2	2
3313	1/2" - 90° to 1/2" nylon tubing	3350-10	2	2
3314	5/8" to 5/8" nylon tubing	3351-10	2	2
3315	5/8" - 90° to 5/8" nylon tubing	3351-10	2	2
3316	5/8" - 45° to 5/8" nylon tubing	3351-10	2	2
3310	12mm to 1/2" nylon tubing	3350-10	2	2
3311	12mm - 90° to 1/2" nylon tubing	3350-10	2	2

OE Replacement Fuel Line Retainer Clip



Part #	Type	Description	S/P	HP
3111	A	1/4" GM / Chrysler / Ford	10	10
3103	A	5/16" GM / Chrysler / Ford	5	5
3104	B	5/16" Ford (White)	5	5
3107	D	5/16" Ford Transmission line	2	2
3108	E	5/16" Release Sleeve GM / Chry	1	1
3221	F	5/16" Ford (White) New Style	5	5
3325	I	5/16" Steel Retainer Clip	5	3
3320	J	5/16" Ford Fuel Line Clip (with pop-up tab)	2	2
3322	K	5/16" Ford Fuel Line Clip	2	2
3102	A	3/8" GM / Chrysler / Ford	5	5
3105	C	3/8" Ford (Black)	5	5

Part #	Type	Description	S/P	HP
3109	E	3/8" Release Sleeve GM / Chrysler	1	1
3222	G	3/8" Ford (Black) New Style	5	5
3326	I	3/8" Steel Retainer Clip	5	3
3321	J	3/8" Ford Fuel Line Clip (with pop-up tab)	2	2
3323	K	3/8" Ford Fuel Line Clip (Red)	2	2
3114	A	1/2" GM / Chrysler / Ford	5	2
3318	F	1/2" Vent Connector	2	3
3319	F	5/8" Vent Connector	2	3
3203	H	10.5mm Ford Truck	4	4
3317	G	12mm Vent Connector	2	3
3202	H	13mm Ford Truck	4	4

Stainless Steel & Steel Quick Connectors

Part #	Description	S/P	HP
3093H	5/16" to 5/16" Steel Quick Connector	1	1
3094H	5/16" to 5/16" x 45° Steel Connector	1	1
3330	5/16" to 5/16" x 90° Stainless Steel	1	1
4229	5/16" to 5/16" Stainless Steel	1	1
3335	5/16" to 5/16" x 45° Stainless Steel	1	1
3334	3/8" to 3/8" x 45° Stainless Steel	1	1
2996	3/8" to 3/8" Stainless Steel	1	1
3333	3/8" to 5/16" Stainless Steel	1	1
3331	3/8" to 3/8" x 90° Stainless Steel	1	1
3332	3/8" to 5/16" x 90° Stainless Steel	1	1



EZ Fit Push In Quick Connectors (No Installation Press Tool Required)



No Installation Tool Required



Quick Release Retainer Clip Built-in for EZ Disconnect



Secure 360° Seal Clamp for Leak Free Connection

NEW

EZ Fit quick connectors press fit by hand

12 of the most common fuel line quick connector sizes, 1/4" for vent lines, 5/16" (M8), 3/8" & M10



Part #	Description	S/P	HP	Part #	Description	S/P	HP
3390C	3/8" x 90° to 10mm nylon fuel line (2963-25) <i>360° Seal Clamp included (2983)</i>	2	1	3396C	5/16" to 5/16" nylon fuel line (2962-25) <i>360° Seal Clamp included (2980)</i>	2	1
3391C	3/8" to 10mm nylon fuel line (2963-25) <i>360° Seal Clamp included (2983)</i>	2	1	3397C	5/16" x 90° to 5/16" nylon fuel line (2962-25) <i>360° Seal Clamp included (2980)</i>	2	1
3392C	5/16" x 90° to 10mm nylon fuel line (2963-25) <i>360° Seal Clamp included (2983)</i>	2	1	3400C	1/4" to 1/4" nylon fuel line (2997-25) <i>360° Seal Clamp included (2940)</i>	2	1
3393C	5/16" to 10mm nylon fuel line (2963-25) <i>360° Seal Clamp included (2983)</i>	2	1	3401C	1/4" x 90° to 1/4" nylon fuel line (2997-25) <i>360° Seal Clamp included (2940)</i>	2	1
3394C	5/16" to 5/16" (8mm) nylon fuel line (2962-25) <i>360° Seal Clamp included (2981)</i>	2	1	3402C	5/16" x 90° to 1/4" nylon fuel line (2997-25) <i>360° Seal Clamp included (2940)</i>	2	1
3395C	10mm to 10mm nylon fuel line (2963-25) <i>360° Seal Clamp included (2983)</i>	2	1	3403C	5/16" to 1/4" nylon fuel line (2997-25) <i>360° Seal Clamp included (2940)</i>	2	1

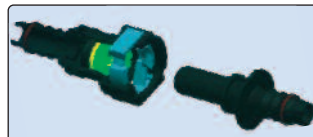
Male End Ridge Bead to Nylon Tubing Joiner



Requires NO Clamps

Part #	Size	S/P	HP
3355L	5/16" fuel line to 5/16" long ridge bead	5	2
3356L	3/8" fuel line to 3/8" long ridge bead	5	2
3357L	M10 fuel line to M10 long ridge bead	5	2

Japanese Vehicle Male End Ridge Bead to Nylon Tubing Joiner



Requires NO Clamps

Part #	Size	S/P	HP
3352	1/4" fuel line to 1/4" ridge bead	5	2
3353	1/4" fuel line to 5/16" ridge bead	5	2
3354	3/8" fuel line to 3/8" ridge bead	5	2

GM Fuel Filters with Service Port

Ensure fuel systems are able to maintain pressure without invasive techniques

Part # 4260



Replacement of:
AC Delco: GF578
Fram: G7315
Purolator: F54714
Service Champ: 52073
WIX: 33311

Part # 4261



Replacement of:
AC Delco: GF481
Fram: G3727
Purolator: F33144
Service Champ: 52066
WIX: 33481

3/8"

<p>Part # 4175</p>  <p>3/8" x 9/16"-18 UNF - 2A GM: 99' - 14' Chry: 03' - 17'</p> <p>GM: 19210848 Chrysler: 05290238AA Dorman: 800-727</p>	<p>Part # 4206</p>  <p>3/8" x 3/8" - 18 Ford: 93' - 06'</p> <p>Ford: F7DZ7D273AA Dorman: 800-602</p>	<p>Part # 4208</p>  <p>3/8" x 1/4" - 18 NPS Buick, GM, GMC, Olds & Pontiac: 90'-08'</p> <p>GM: 24233366 GM: 24231875 GM: 24205102 Dorman: 800-604</p>	<p>Part # 4209</p>  <p>3/8" x 5/8" - 18 UNF - 2A Buick, GM, GMC, Olds & Pontiac: 96'-06'</p> <p>GM: 19130039 GM: 15719695 Dorman: 800-605</p>	<p>Part # 4210</p>  <p>3/8" x 3/8" - 18 NPTF GM Trucks, Astro & Safari: 96' - 07'</p> <p>GM: 15724728 Dorman: 800-606</p>
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3/8"

<p>Part # 4212</p>  <p>3/8" x 9/16" - 18 UNF - 2A Toyota Tacoma: 05' - 18'</p> <p>Toyota: 19-00294 Delphi: 52403097 Dorman: N/A</p>	<p>Part # 4221</p>  <p>3/8" x 1/4" - 18 NPT Chrysler, Dodge, Jeep: 93' - 03'</p> <p>Chry: 4617517 Chry: 52028471 Chry: 52028629 Dorman: 800-610</p>	<p>Part # 4226</p>  <p>3/8" x 11/16" - 20 UNF - 2A Ford Taurus: 96' - 06' Windstar: 99' - 03'</p> <p>Ford: 1F2Z7D273-AA Ford: F6DZ7D273-BA Dorman: 800-601</p>	<p>Part # 4232</p>  <p>3/8" x 9/16" - 18 w/ O-ring Seal Oil Cooler Connector GM: 93'-03'</p> <p>GM: 8684086 Dorman: 800-732</p>	<p>Part # 4233</p>  <p>3/8" x M18 x 1.5 -6g Buick, GM, Pontiac, Olds: 00' - 03'</p> <p>GM: 8684086 GM: 52481097 Dorman: 800-721</p>
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3/8"

<p>Part # 4234</p>  <p>3/8" Invert 1/4" - 18 NPSL GM: 00' - 11'</p> <p>GM: 8685767 Dorman: N/A</p>	<p>Part # 4239</p>  <p>3/8" x 1/4" - 18 NPS Ext. O-Ring Seal GM: 94' - Up</p> <p>GM: 24225126 Dorman: 800-736</p>	<p>Part # 4241</p>  <p>3/8" x 3/8" - 18 NPS w/ Check Valve GM: 97' - 05'</p> <p>GM: 24213958 GM: 24236581 Dorman: 800-731</p>	<p>Part # 4245</p>  <p>3/8" x 1/8" - 27 NPTF Dodge, Jeep: 01' - 13'</p> <p>Chry: 04800267AA, 05019118AA Chry: 05017621AA, 05096228AA Dorman: N/A</p>	<p>Part # 4255</p>  <p>3/8" x 9/16" - 18 UNF - 2A (Dog Point) GM: 01' - 11'</p> <p>GM: 24225125 Dorman: 800-735</p>
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3/8"

<p>Part # 4256</p>  <p>3/8" x 9/16" - 18 UNF - 2A Buick, GM, GMC Mercedes: 98' - 13'</p> <p>GM: 15226661 GM: 24233367 Dorman: 800-619</p>	<p>Part # 4262</p>  <p>3/8" x 1/2" - 14 NPT Dodge, Chrysler, Jeep: 05' - 13'</p> <p>Chry: 52119547AA Dorman: 800-723</p>	<p>Part # 4263</p>  <p>3/8" x 9/16" - 18 UNF - 2A Buick, GM, GMC: 97' - 08'</p> <p>GM: 24236555 GM: 24231876 Dorman: 800-637</p>	<p>Part # 4264</p>  <p>3/8" x 9/16" - 18 UNF - 2A w/ Grease Buick, GM, GMC: 08' - 11'</p> <p>GM: 24236579 Dorman: N/A</p>	<p>Part # 4265</p>  <p>3/8" x 9/16" - 18 UNF - 2A Buick, GM, Pontiac, Saturn: 08' - 10'</p> <p>GM: 24236581 Dorman: N/A</p>
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3/8"

<p>Part # 4266</p>  <p>3/8" x 9/16" - 18 UNF - 2A Buick: 04' - 11' GM: 04' - 11' Pontiac: 04' - 09'</p> <p>GM: 24236554 Dorman: 800-614</p>	<p>Part # 4267</p>  <p>3/8" x 1/4" - 18 NPSL GM, GMC, Pontiac: 96' - 08'</p> <p>GM: 24233367 GM: 24207013 Dorman: 800-759</p>	<p>Part # 4207</p>  <p>1/2" x 3/8" - 18 NPTF (30%) Chevy Truck / GMC: 92' - 02'</p> <p>GM: 15043741 GM: 15724710, 15718022 Dorman: 800-603</p>	<p>Part # 4220</p>  <p>1/2" x M20 -1.5 - 6g (30%) GM: 96' - 14'</p> <p>GM: 15719697 GM: 15768848 Dorman: 800-607</p>	<p>Part # 4268</p>  <p>1/2" x 3/4" - 16 UNF - 2A (30%) GM, GMC: 01' - 13'</p> <p>GM: 16469009 GM: 15190249 Dorman: 800-622</p>
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Transmission & Oil Cooler Fittings

• Quick Connect • Threaded • Disconnect Tools



1/2"		5/8"	
Part # 4551 1/2" QC to 1/2" Hose Ford Truck & SUV Dorman: N/A	Part # 4552 1/2" x M18 x 1.5 Ford Trucks & SUV: 04' - Up Dorman: N/A	Part # 4223 5/8" x 7/8" - 14 UNF - 2A (30%) GM, GMC Trucks & SUV: 97' - 09' GM: 19130039, 15170197 Delphi: 52498974 Dorman: 800-707	Part # 4224 5/8" x 7/8" - 14 UNF (30%) GM, GMC Trucks & SUV: 03' - 12' GM: 29547931, 29541102 GM: 88996645, 29545353 Dorman: 800-613

5/8"		Replacement Retainer Clips																																				
Part # 4225 5/8" x 3/4" - 16 UNF (30%) GM, GMC Trucks & SUV: 99' - Up GM: 29541729, 24212855 GM: 15194556 Dorman: 800-743	Part # 4240 5/8" x 1/2" - 14 NPTF (39%) GM Duramax: 96' - 02' GM: 15738179 Dorman: 800-710		<table border="1"> <thead> <tr> <th>Part #</th> <th>Size</th> <th>Use with Fitting</th> <th>S/P</th> <th>HP</th> </tr> </thead> <tbody> <tr> <td>4259</td> <td>5/16"</td> <td>4175, 4208, 4209, 4210, 4233, 4239, 4241, 4245, 4255, 4256, 4249, 4262, 4263, 4264, 4265, 4266, 4267</td> <td>2</td> <td>1</td> </tr> <tr> <td>4246</td> <td>3/8"</td> <td></td> <td>2</td> <td>2</td> </tr> <tr> <td>4247-30</td> <td>1/2" (30%)</td> <td>4207, 4220, 4268</td> <td>2</td> <td>2</td> </tr> <tr> <td>4247-39</td> <td>1/2" (39%)</td> <td></td> <td>2</td> <td>2</td> </tr> <tr> <td>4248-30</td> <td>5/8" (30%)</td> <td>4223, 4224, 4225</td> <td>2</td> <td>2</td> </tr> <tr> <td>4248-39</td> <td>5/8" (39%)</td> <td>4240</td> <td>2</td> <td>2</td> </tr> </tbody> </table>	Part #	Size	Use with Fitting	S/P	HP	4259	5/16"	4175, 4208, 4209, 4210, 4233, 4239, 4241, 4245, 4255, 4256, 4249, 4262, 4263, 4264, 4265, 4266, 4267	2	1	4246	3/8"		2	2	4247-30	1/2" (30%)	4207, 4220, 4268	2	2	4247-39	1/2" (39%)		2	2	4248-30	5/8" (30%)	4223, 4224, 4225	2	2	4248-39	5/8" (39%)	4240	2	2
Part #	Size	Use with Fitting	S/P	HP																																		
4259	5/16"	4175, 4208, 4209, 4210, 4233, 4239, 4241, 4245, 4255, 4256, 4249, 4262, 4263, 4264, 4265, 4266, 4267	2	1																																		
4246	3/8"		2	2																																		
4247-30	1/2" (30%)	4207, 4220, 4268	2	2																																		
4247-39	1/2" (39%)		2	2																																		
4248-30	5/8" (30%)	4223, 4224, 4225	2	2																																		
4248-39	5/8" (39%)	4240	2	2																																		

Transmission & Oil Cooler Release Tools

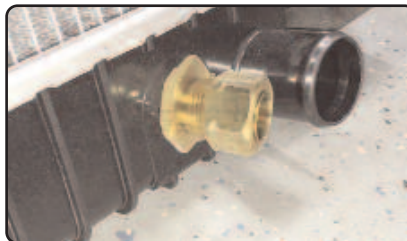
Part # 4216 3/8" Disconnect Tool (Blue)	Part # 4217 1/2" Disconnect Tool (Red)	Part # 4218 5/8" Disconnect Tool (Yellow)	Part # 4219 3/4" Disconnect Tool (Orange)	Part # 4200 Disconnect Tool Kit 3/8", 1/2", 5/8" & 3/4"
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Ford Transmission Cooler Line Fitting Repair



Problem:

Original Equipment Manufacturers do not offer transmission oil cooler fittings separately and require you to purchase complete radiator assembly.



Solution:

FMSI Automotive Hardware has designed a complete repair kit, from fitting back to OEM line. Each kit includes an oil cooler fitting, pre-bent cupro nickel line & 360° seal compression union.

Applications: 2002 & Up

Ford Truck: F150, F250, F350
 Ford SUV: Explorer, Edge, Escape
 Mercury SUV: Mountaineer

NEW

Part # 4554M - 1/2" x M18 x 1.5 Repair Line Part # 4555M - 3/8" x M18 x 1.5 Repair Line Part # 4556M - 1/2" x 5/8" - 18 Repair Line	<p>M18 x 1.5 Male external thread w/ O-ring same as OE fitting shown above</p> <p>360° Seal Compression Union</p> <p>12" 90/10 Cupro Nickel Line</p> <p>360° Seal Compression Union to join to existing OE line</p> <p>Factory Fit Pre-bent 90°</p>
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HD Compression Unions (5000 PSI)



High Pressure Steel Compression Union 5,000 PSI

- 5000 PSI burst pressure
- 1200 PSI working pressure
- Compatible with all metal tubes

Part #	Tube Size	S/P	HP
3451	3/16"	1	1
3452	1/4"	1	1
3453	5/16" M8	1	1
3454	3/8"	1	1
3459	M10	1	1
3460	M12	2	2
3461	3/8" to M10	2	2

Power Steering & Transmission Tube Nuts



Part #	Tube Size	Thread	Thread Pitch	S/P	HP
3462	1/4"	9/16"	18 (Silver)	10	2
3489	5/16"	1/2"	20 (Grey)	5	2
3443	5/16"	5/8"	18 (Red)	10	2
3442	3/8"	5/8"	18 (Gold)	10	2
3434	3/8"	16mm	1.5 (Blue)	10	2
3435	3/8"	16mm	1.5 (Gold)	10	2
3464	3/8"	16mm	1.5 (Black)	10	2
3436	3/8"	18mm	1.5 (Blue)	10	2
3438	3/8"	18mm	1.5 (Gold)	10	2

Power Steering Rack Repair Lines

pre-Flared • Easy Bend!
Cupro Nickel Lines
Guaranteed for Life



Part #	Description
4537	1/4" x 30" - O-Ring Flare Cupro Nickel
4531	5/16" x 30" - Invert Flare Cupro Nickel
4532	5/16" x 30" - O-Ring Flare Cupro Nickel
4533	3/8" x 30" - Invert Flare Cupro Nickel
4534	3/8" x 30" - O-Ring Flare Cupro Nickel

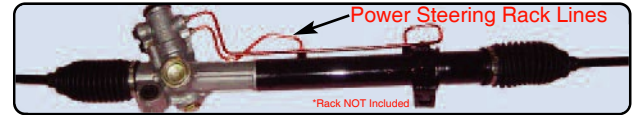
Power Steering Rack Line Assortment

Asst # 0128



- 1/4" O-Ring Flare
- 5/16" O-Ring Flare
- 3/8" O-Ring Flare
- 5/16" Invert Flare
- 3/8" Invert Flare

Repairing Power Steering Rack lines has never been so easy. 30" Long Cupro Nickel replacement lines are easy bend and end formed, making power steering line reproductions a breeze. This 48 piece assortment covers fittings from Chrysler, Ford, GM, Honda, Mazda, Toyota, Volkswagen and more.



Replacement Retainer Clips



Part #	Size	S/P	HP
4243	3/4"	5	5
4242	5/8" (for 4202)	5	5
4244	5/8" (for 4204)	5	5

GM Coolant Line Connectors

Part #	Description	S/P	HP
4204	5/8" Coolant Quick Connector	1	1
4201	5/8" - 90° Coolant Quick Connector	1	1
4205	3/4" Coolant Quick Connector	1	1
4215	3/4" - 90° Coolant Quick Connector	2	2



GM Heater Hose Connectors

Part #	Description	S/P	HP
4202	5/8" - 3.1L, 3.4L, 5.7L	1	1
4242	5/8" Retainer Clip for 4202	5	5



GM Brass Coolant Barbs

Part #	Hose I.D.	Pipe Thread	S/P	HP
4278	3/8"	1/4"	2	2
4279	3/8"	3/8"	2	2
4249	5/8"	3/8"	2	1
4280	1/2"	3/8"	2	2
4281	3/4"	3/8"	2	2



Universal Transmission Adapter Fittings



Part #	Tube Size (F)	Thread (F)	Tube Size (M)	Thread (M)	Edelmann	W/H	S/P	HP
3418	5/16"	1/2" - 20	3/8"	5/8" - 18	258560	7916	2	1
3419	3/8"	5/8" - 18	5/16"	1/2" - 20	258650	7915	1	1

Power Steering & Transmission Adapters



Part #	Female (Invert Fl)	Male	S/P	HP
3466	3/8" Tube (5/8" Thread)	16mm x 1.5 GM	2	1
3467	3/8" Tube (5/8" Thread)	14mm x 1.5 GM	2	1
3468	3/8" Tube (5/8" Thread)	18mm x 1.5 GM	2	1
3469	3/8" Tube (5/8" Thread)	11/16" - 18 Ford	2	1
4624	3/8" Tube (5/8" Thread)	5/8" - 18 Bubble Flare	2	1

Transmission Repair Lines



For a complete listing of this style of transmission repair lines refer to pages 5-A & 6-A

Part #	Size	Fittings	Description	S/P	HP
K560	5/16" x 60"	3006 - 3006	Invert flare transmission repair line	5	5
K660	3/8" x 60"	3015 - 3015	Invert flare transmission repair line	5	5



Part #	Size	Fittings	Description	S/P	HP
PVF10-72	10mm x 72"	-	No end forms or fittings (PVF)	1	1
PVF12-72	12mm x 72"	-	No end forms or fittings (PVF)	1	1
CN860NF	1/2" x 60"	-	No end forms or fittings (CN)	1	1



Power Steering & Transmission Adapter Repair Lines

*High Pressure Compression Union (5000 PSI)
Attaching hardware included where shown (R) **

Part #	Style	Description	S/P	HP
* 4501R	A	3/8" x 4" with 18mm x 1.5 (Uses Part # 3436) tube nut blue	1	1
* 4502R	A	3/8" x 4" with 16mm x 1.5 (Uses Part # 3434) tube nut blue	1	1
* 4503R	B	3/8" x 4" with 16mm x 1.5 (Uses Part # 3435) tube nut gold	1	1
* 4504R	B	3/8" x 4" with 5/8"- 18 (Uses Part # 3442) tube nut gold	1	1
* 4511R	C	3/8" x 4" with ridge bead	1	1
* 4512R	C	5/16" x 4" with ridge bead	1	1
* 4505R	D	5/16" x 4" with 5/8"-18 (Uses Part # 3443) tube nut red	1	1
* 4506R	E	5/16" x 4" with 14mm x 1.5 (Uses Part # 3009) tube nut olive	1	1
* 3489KR	F	5/16" x 4" with 1/2"- 20 (Uses Part # 3489) female tube nut	1	1
* 4507R	G	3/8" x 4" with GM / Chrysler transmission flare	1	1
* 4509R	G	3/8" x 4" x 90° with GM / Chrysler transmission flare	1	1
* 4515R	H	3/8" x 4" with 5/8"- 18 invert flare (Uses Part # 3015) tube nut gold	1	1
* 4516R	H	5/16" x 4" with 1/2"-20 invert flare (Uses Part # 3006) tube nut gold	1	1
3182	I	3/8" x 4" with 18mm x 1.5 tube nut (Uses Part # 3436) tube nut blue	1	1
3182-90	I	3/8" x 6" x 90° with 18mm x 1.5 tube nut (Uses Part # 3436) tube nut blue	1	1
3183	I	3/8" x 4" with 16mm x 1.5 tube nut (Uses Part # 3434) tube nut blue	1	1
3183-90	I	3/8" x 6" x 90° with 16mm x 1.5 tube nut (Uses Part # 3434) tube nut blue	1	1
3184	J	3/8" x 4" with 16mm x 1.5 tube nut (Uses Part # 3435) tube nut gold	1	1
3184-90	J	3/8" x 6" x 90° with 16mm x 1.5 tube nut (Uses Part # 3435) tube nut gold	1	1
3185	J	3/8" x 3 3/4" with 5/8" - 18 tube nut (Uses Part # 3442) tube nut gold	1	1
3185-90	J	3/8" x 6" x 90° with 5/8" - 18 tube nut (Uses Part # 3442) tube nut gold	1	1
✓ 3190	J	3/8" x 4" with 5/8" - 18 (Uses Part # 3015) tube nut gold	1	1
✓ 3191	J	5/16" x 4" with 1/2" - 20 (Uses Part # 3006) tube nut gold	1	1
3186	K	5/16" x 4" with 5/8" - 18 tube nut (Uses Part # 3443) tube nut red	1	1
3186-90	K	5/16" x 6" x 90° with 5/8" - 18 tube nut (Uses Part # 3443) tube nut red	1	1
3489K	L	5/16" x 4" with female nut 1/2" - 20 (Uses Part # 3489) female tube nut	1	1
3489K-90	L	5/16" x 6" x 90° with female nut 1/2" - 20 (Uses Part # 3489) female tube nut	1	1
4253	M	3/8" x 3 3/4" with GM / Chrysler transmission flare to hose bump	1	1
4254	M	3/8" x 3 3/4" x 90° with GM / Chrysler transmission flare to hose bump	1	1
4257	N	3/8" x 3 3/4" with GM / Chrysler transmission flare to swage	1	1
4258	N	3/8" x 8" x 90° with GM / Chrysler transmission flare to swage	1	1
3187	O	5/16" x 4" with 14mm x 1.5 tube nut (Uses Part # 3009) tube nut olive	1	1
4520	P	5/16" x 3 3/4" with 14mm x 1.5 to ridge bead (Uses Part # 3009) tube nut olive	2	1
4521	Q	5/16" x 3 3/4" x with 1/2" - 20 to ridge bead (Uses Part # 3006) tube nut gold	2	1
4518	Q	3/8" x 3 3/4" with 5/8"-18 to ridge bead (Uses Part # 3015) tube nut gold	2	1
4519	P	3/8" x 3 3/4" with 16mm x 1.5 to ridge bead (Uses Part # 3008) tube nut olive	2	1
3189	R	3/8" x 3 3/4" with ridge bead for quick connector to hose bump	1	1
CN860NF	S	1/2" x 60" with no end forms transmission repair line for diesel pickups	1	1
CN860	T	1/2" x 60" - cupro nickel line with 3/4" - 18 nut (Uses Part # 3016) tube nut gold	1	1
P672TF	U	3/8" x 72" line with GM / Chrysler transmission flares	5	5
4254	V	3/8" x 3 3/4" x 90° elbow to GM / Chrysler transmission flare	1	1
4524	V	1/2" x 10" with hose bump to GM / Chrysler transmission flare	1	1
4524-90	V	1/2" x 10" x 90° with hose bump to GM / Chrysler transmission flare	1	1
4513	W	3/8" x 4" with 16mm x 1.5 O-Ring flare (Use Part # 3008) tube nut olive	1	1
4522	X	5/16" x 90° with 1/2"-20 O-ring flare to hose bump	1	1
4523	Y	5/16" x 90° with 14mm x 1.5 O-ring flare to hose bump	1	1

12mm

Part #	Image	Description	Hex	Gasket	Dorman	Papco	S/P	HP
1003		GM Hex head Washer face 12mm x 1.75	15mm	2125 2002	090-034	263-911 263-944	2	1
1014		Nissan/Toyota Washer face 12mm x 1.25	14mm	2136	090-049	263-912 263-942	2	1
1029		Saturn Hex head insert gasket 12mm x 1.75	14mm	Included 2131	090-060	263-932	2	1
1034		GM/ Ford Hex head insert gasket 12mm x 1.75	15mm	Included 2132	090-175	263-932	2	1
1039		GM Hex head insert magnetic tip 12mm x 1.75	15mm	Included 2132	090-091	263-929	2	1
1044		BMW Hex head 12mm x 1.5	11/16"	Included 2161	090-088	263-931	2	1
1048		Ford Hex head molded washer face 12mm x 1.75	15mm		090-153	263-908	2	1
1049		Ford Hex head gasket insert 12mm x 1.75	13mm	Included 2138	090-156	263-919	2	1
1062		Ford molded washer face 12mm x 1.75	15mm		090-059	263-908	2	1
1068		Toyota/Nissan 12mm x 1.25	14mm	2136	090-038	263-913	2	1
1069		Nissan 12mm x 1.25	14mm	2164	090-038	263-933	2	1
1070		General Motors 12mm x 1.75	15mm	Included 2132	090-156		2	1
1075		General Motors 12mm x 1.75	13mm	Included 2132	090-175	263-919	2	1
1076		GM insert gasket OE: 3538469 12mm x 1.75	15mm	Included 2132	090-079	263-932	2	1
1077		GM insert gasket OE: 3536964 12mm x 1.75	15mm	Included 2132	090-079		2	1
1081		BMW/Mercedes 12mm x 1.5	17mm	2152	090-165		2	1
1082		Mercedes/VW 12mm x 1.5	13mm	2152	090-088		2	1
1088		Chevy Sonic Insert Gasket 12mm x 1.75	15mm	Included 2142			2	1

14mm

1002		Ford Hex head washer face 14mm x 1.5	13mm	2126	090-075	263-934 263-937	2	1
1017		Volkswagen Hex head 14mm x 1.5	19mm	2078	090-169	263-971	2	1
1027		Ford Hex head washer face 14mm x 1.5	16mm	2126	090-053	263-917 263-947	2	1
1030		Jeep Hex head washer face 14mm x 1.25	13mm	2126	090-076	263-922	2	1
1032		Dodge Hex head molded washer face 14mm x 1.5	17mm		090-098	263-923 263-925	2	1

14mm (Continued)

Part #	Image	Description	Hex	Gasket	Dorman	Papco	S/P	HP
1033		Ford Hex head washer insert 14mm x 1.50	16mm	Included 2134	090-161		2	1
1040		Hex head washer insert 14mm x 1.5	13mm	Included 2133	090-115		2	1
1041		Honda Hex head washer face Magnetic tip 14mm x 1.5	13mm	2126	090-036	263-924	2	1
1045		Honda/Acura Hex head washer face 14mm x 1.5	17mm	2160	090-075	263-934 263-954	2	1
1046		Mercedes Hex head washer face 14mm x 1.5	13mm	2085	090-164		2	1
1050		GM Catera Internal drive 14mm x 1.5	int. hex	Included 2135	090-162	263-950	2	1
1051		Audi/VW Hex head washer face 14mm x 1.5	3/4" 19mm	Included 2162	090-170	263-974	2	1
1054		Chrysler Hex head washer insert 14mm x 1.5	13mm	Included 2137	090-115	263-925 263-958	2	1
1055		VW Hex head w/ integral washer 14mm x 1.5	19mm		090-171	263-971	2	1
1063		Chrysler Hex head molded washer 14mm x 1.5	13mm		090-172	263-923	2	1
1065		Honda/Acura 14mm x 1.5 (Long)	17mm	2160		263-934	2	1
1079		Chevy Sonic/Cruze 14mm x 1.5	10mm	Included 2135	090-211		1	1
1084		Hyundai/Kia 14mm x 1.5	17mm	2158	090-033		1	1
1090		Mazda 14mm x 1.5	int. hex	2158			2	1
1092		Audi/VW 14mm x 1.5	int. hex	Included 2053			2	1

16mm & 16.4mm

1009		Nissan Hex head washer face 16mm x 1.5	19mm	2054	090-084		2	1
1012		Nissan/Volvo Hex head washer face 16.4mm x 1.33	19mm	2054	090-039		2	1
1080		Subaru 16mm x 1.5	14mm	2079	090-054		2	1

18mm

1010		Hex head washer face Toyota 18mm x 1.5	19mm	2112	090-042		2	1
1053		Dodge Cummins Diesel 18mm x 1.5	int. square		090-173		2	1
1074		Dodge Cummins face 18mm x 1.5	int. Square				2	1
1078		Volvo Hex head washer face 18mm x 1.5	17mm	2162	090-167		2	1

20mm

1011		Honda/Subaru Hex head washer face 20mm x 1.5	17mm	2156	090-040	263-930	2	1
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22mm

1016		BMW/Subaru 22mm x 1.5	19mm	2157	090-055	263-940	2	1
1047		Dodge Cummins Diesel 22mm x 1.5	int square	2130	090-151		2	1

Drain Plugs & Gaskets

Oil Pan • Gearbox Plugs • Gaskets



24mm								
Part #	Image	Description	Hex	Gasket	Dorman	Papco	S/P	HP
1089		BMW 24mm x 1.5	int Hex	Included 1105	090-214		2	1
26mm								
1013		Internal drive washer face Mercedes/Audi/VW 26mm x 1.5	14mm int hex	2058	090-099		2	1
Ford								
1085		Ford 6.7L Diesel 2011 - Up 2.7L Ecoboost	3/8" int Square	Included 2144	097-826		1	1
Audi / VW								
1086		VW/Audi 1.8L - 2.0L Cam Locking	Cam Lock	Included 2145	090-090		1	1
1087		Removal Tool for Audi/Volkswagen Cam Lock Part # 1087			49822		1	1
1/2"								
1001		GM Hex head washer face 1/2" x 20 t.p.i.	9/16"	2125	090-052	263-710	2	1
1028		Chrysler Molded washer face 1/2" x 20 t.p.i.	5/8"	-	090-058		2	1
3/4"								
1083		Volvo 3/4" - 16	1"	2082	090-008	263-750	2	1
5/8"								
1071		GM / Chrysler 5/8" - 18	1/2"	2054	090-024	263-720	2	1

Self Tapping Repair Oil Pan Drain Plugs

12mm								
1021		Oversized Hex head Repair Plug 12mm x 1.25	19mm	2125			2	1
1022		Oversized Hex head Repair Plug 12mm x 1.75	19mm	2125	090-081	263-945	2	1
14mm								
1020		Oversized Hex head Repair Plug 14mm x 1.5	19mm	2126	090-082	263-915	2	1
1073		Oversized Piggyback 14mm x 1.5	19mm	Included 2126	090-087		2	1
1/2"								
1004		Oversized Piggyback A 1/2"	3/4"	Included 2110	090-035	263-716	2	1
1005		Oversized Piggyback AA 1/2"	3/4"	Included 2109	090-045	263-715	2	1
1006		1/2" Oversized A	3/4"	Included 2110	090-015	263-711	2	1
1007		1/2" Oversized AA	3/4"	Included 2110	090-031	263-712	2	1
1008		1/2" Oversized AAA	3/4"	Included 2109	090-032	263-718	2	1

Transmission & Differential Plugs

<p>Part # 1024</p> <p>1/2" Square Drive 9/16" (S/P) 10 (HP) 1</p>	<p>Part # 1025</p> <p>1/2" 3/8" Internal Drive (S/P) 10 (HP) 1</p>	<p>Part # 1026</p> <p>Chrysler Differential Plug (S/P) 2 (HP) 1</p>
<p>Part # 1057</p> <p>18mm x 1.5 Toyota # 90341-18016 (S/P) 2 (HP) 1</p>	<p>Part # 1058</p> <p>18mm x 1.5 Toyota # 90341-18006 (S/P) 2 (HP) 1</p>	<p>Part # 1059</p> <p>10mm x 1.5 Toyota # 90341-10012 Lexus # 90341-10006 Jeep # 83504041 (S/P) 2 (HP) 1</p>
<p>Part # 1061</p> <p>Ford Hex Head Molded Gasket face 10mm x 1.5 (S/P) 2 (HP) 1</p>	<p>Part # 1064</p> <p>7/8" - 14 Ford Diesel Transmission Gasket 2140 included (S/P) 1 (HP) 1</p>	<p>Part # 1067</p> <p>12mm X 1.75 Allison Transmission Drain Plug Gasket 2131 included (S/P) 1 (HP) 1</p>

Oil Pan Drain Plug Gaskets

Aluminum				Copper				Copper Fiber Crush			
Part #	Size	S/P	HP	Part #	Size	S/P	HP	Part #	Size	S/P	HP
2151	1/2"	25	5	2076	1/2"	25	5	2051	1/2"/M12	50	5
2152	12mm	25	5	2077	12mm	25	5	2053	14mm	50	5
2161	12mm	10	5	2085	14mm	10	5	2054	16mm	25	5
2153	14mm	25	5	2078	14mm	25	5	2055	18mm	25	5
2160	14mm	10	5	2079	16mm	25	5	2056	20mm	25	5
2158	14mm Slim	10	5	2080	18mm	25	5	2058	26mm	10	5
2154	16mm	25	5	2082	3/4"	10	5				
2162	18mm	10	5	2081	20mm	25	5				
2155	18mm	25	5								
2156A	20mm Slim	10	5								
2156	20mm	25	5								
2157	22mm	10	5								
2159	24mm	10	5								
2165	25mm	10	5								
2163	32mm	10	5								
Fiber				Steel & Rubber General Motors				Nylon			
2101	1/2"	50	5	2139	14mm	10	5	2001	1/2"	50	5
2102	12mm	50	5	2127	16mm	10	5	2002	12mm	50	5
2103	14mm	50	5	2128	18mm	10	5	2003	14mm	50	5
2104	16mm	50	5	2130	22mm	10	2	2004	16mm	50	5
2105	18mm	50	5					2005	18mm	50	5
2106	20mm	50	5					2006	20mm	50	5
2107	22mm	50	5								
2108	25mm	50	5								
2109	Oversize AA/JAA	50	5								
2110	Oversize A	50	5								
OE Rubber Audi, BMW, GM, Ford, Chrysler				Steel Fold Over				Double Fiber			
2132	12mm	10	5	2164	12mm	10	5	2111	12mm	25	5
2138	12mm	10	5	2166	16mm	5	5	2112	18mm	25	5
2131	12mm	10	5	2167	18mm	10	2				
2142	12mm for 1088	10	5	2168	14mm	10	2				
2134	14mm	10	5	2169	20mm	10	2				
2133	14mm	10	5	2170	12mm	10	2				
2135	14mm	10	5								
2140	7/8"	10	5								
2144	For 1085	2	1								
2145	For 1086	2	1								
OE Rubber Chrysler				Steel & Viton General Motors				Toyota Coated			
1052		Universal drain plug (not for Honda & VW)	2	1	2125	12mm & 1/2"	25	5			
1105		1089 Drain Plug O-ring BMW - 11-13-7-706-018 ID-19m OD- 22m Th-3m	1	1							

M10 x 1.25

<p>Part # 3841</p>  <p>Chrome Acorn M10 x 1.25 Hex: 17mm Length 21mm Solid Steel</p> <p>Dorman: 611-096 Papco: 559-060</p>	<p>Part # 3842</p>  <p>Chrome Acorn M10 x 1.25 Hex: 19mm Length 35mm Solid Steel</p> <p>Dorman: N/A Papco: N/A</p>	<p>Part # 3801</p>  <p>Zinc Standard M12 x 1.25 Hex: 21mm Length 16mm Solid Steel</p> <p>Dorman: 611-065 Papco: 559-125</p>	<p>Part # 3813</p>  <p>Chrome Acorn M12 x 1.25 Hex: 21mm Length 35mm Solid Steel</p> <p>Dorman: 611-099 Papco: 559-065</p>	<p>Part # 3815</p>  <p>Chrome MAG Short M12 x 1.25 Hex: 21mm Length 37mm Solid Steel</p> <p>Dorman: 611-103 Papco: N/A</p>
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M12 x 1.25

<p>Part # 3827</p>  <p>Chrome Acorn M12 x 1.25 Hex: 19mm Length 35mm Solid Steel</p> <p>Dorman: 611-274 Papco: N/A</p>	<p>Part # 3831</p>  <p>Chrome Acorn Bulge M12 x 1.25 Hex: 21mm Length 35mm Solid Steel</p> <p>Dorman: 611-174 Papco: N/A</p>	<p>Part # 3836</p>  <p>Chrome MAG M12 x 1.25 Hex: 21mm Length 42mm Solid Steel</p> <p>Dorman: 611-107 Papco: 559-095</p>	<p>Part # 3850</p>  <p>Chrome Acorn M12 x 1.25 Hex: 21mm Length 29mm Solid Steel</p> <p>Dorman: 611-114 Papco: 559-114</p>	<p>Part # 3873</p>  <p>Zinc Standard M12 x 1.25 Hex: 19mm Length 16mm Solid Steel</p> <p>Dorman: 611-064 Papco: 559-064</p>
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M12 x 1.25

<p>Part # 3876</p>  <p>Chrome Acorn M12 x 1.25 Hex: 19mm Length 24mm Solid Steel</p> <p>Dorman: 611-076 Papco: 559-078</p>	<p>Part # 3885</p>  <p>Chrome MAG M12 x 1.25 Hex: 21mm Length 38mm Solid Steel</p> <p>Dorman: 611-294 Papco: N/A</p>	<p>Part # 3894</p>  <p>Chrome Dome Top M12 x 1.25 Hex: 21mm Length 36mm Solid Steel</p> <p>Dorman: 611-210 Papco: 559-310</p>	<p>Part # 6108</p>  <p>Chrome Open Bulge M12 x 1.25 Hex: 19mm Length 21mm Solid Steel</p> <p>Dorman: 611-260 Papco: N/A</p>	<p>Part # 6109</p>  <p>Chrome MAG Cragar M12 x 1.25 Hex: 21mm Length 57mm Solid Steel</p> <p>Dorman: 611-265 Papco: N/A</p>
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M12 x 1.25

<p>Part # 6132</p>  <p>Chrome Acorn Bulge M12 x 1.25 Hex: 17mm Length 28mm Solid Steel</p> <p>Dorman: 611-966 Papco: N/A</p>	<p>Part # 6136</p>  <p>Chrome Acorn M12 x 1.25 Hex: 21mm Length 42mm Solid Steel</p> <p>Dorman: 611-254 Papco: N/A</p>	<p>Part # 6144</p>  <p>Chrome Locking M12 x 1.25 Hex: Length 36mm Solid Steel</p> <p>Dorman: N/A Papco: N/A</p>	<p>Part # 3804</p>  <p>Zinc Standard M12 x 1.50 Hex: 19mm Length 16mm Solid Steel</p> <p>Dorman: 611-062 Papco: 559-150</p>	<p>Part # 3805</p>  <p>Chrome Acorn M12 x 1.50 Hex: 19mm Length 35mm Solid Steel</p> <p>Dorman: 611-090 Papco: 559-190</p>
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M12 x 1.50

M12 x 1.50

<p>Part # 3828</p>  <p>Chrome Acorn M12 x 1.50 Hex: 21mm Length 35mm Solid Steel</p> <p>Dorman: 611-133 Papco: N/A</p>	<p>Part # 3832</p>  <p>Chrome Acorn Bulge M12 x 1.50 Hex: 21mm Length 35mm Solid Steel</p> <p>Dorman: 611-182 Papco: N/A</p>	<p>Part # 3837</p>  <p>Chrome Retainer M12 x 1.50 Hex: 21mm Length 31mm Solid Steel</p> <p>Dorman: 611-205 Papco: N/A</p>	<p>Part # 3838</p>  <p>Chrome Open Bulge M12 x 1.50 Hex: 19mm Length 21mm Solid Steel</p> <p>Dorman: 611-183 Papco: N/A</p>	<p>Part # 3840</p>  <p>Zinc Retainer M12 x 1.50 Hex: 19mm Length 28mm Solid Steel</p> <p>Dorman: 611-207 Papco: N/A</p>
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Note: Installers are required to determine correct thread size, outside wrench diameter, overall length and seat style (where lug nut meets rim)

M12 x 1.50

Part # 3844  Chrome Open Bulge M12 x 1.50 Hex: 19mm Length 23mm Solid Steel Dorman: 611-235 Papco: 559-163	Part # 3845  Chrome Dome Top M12 x 1.50 Hex: 19mm Length 37mm Solid Steel Dorman: 611-136 Papco: 559-190	Part # 3846  Zinc External Thread M12 x 1.50 Hex: 19mm Length 28mm Solid Steel Dorman: 611-109 Papco: 559-191	Part # 3847  Chrome Flat Top M12 x 1.50 Hex: 19mm Length 42mm Solid Steel Dorman: 611-181 Papco: 559-181	Part # 3848  Zinc Standard M12 x 1.50 Hex: 21mm Length 16mm Solid Steel Dorman: 611-066 Papco: 559-172
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M12 x 1.50

Part # 3849  Chrome Acorn Flange M12 x 1.50 Hex: 19mm Length 35mm Solid Steel Dorman: 611-138 Papco: 559-138	Part # 3861  Chrome MAG M12 x 1.50 Hex: 21mm Length 38mm Solid Steel Dorman: 611-220 Papco: 559-117	Part # 3869  Chrome Acorn M12 x 1.50 Hex: 21mm Length 26mm Solid Steel Dorman: 611-215 Papco: 559-141	Part # 3872  Chrome MAG (Toy/Lex) M12 x 1.50 Hex: 21mm Length 48mm Solid Steel Dorman: 611-212 Papco: 559-167	Part # 3875  Chrome Acorn Bulge M12 x 1.50 Hex: 19mm Length 24mm Solid Steel Radius Ball Seat Dorman: 611-075 Papco: N/A
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M12 x 1.50

Part # 3878  Chrome Acorn Bulge M12 x 1.50 Hex: 19mm Length 19mm Solid Steel Radius Ball Seat Dorman: 611-144 Papco: N/A	Part # 3879  Chrome Acorn Bulge M12 x 1.50 Hex: 19mm Length 30mm Solid Steel Radius Ball Seat Dorman: 611-201 Papco: N/A	Part # 3892  Chrome Modified Acorn M12 x 1.50 Hex: 21mm Length 29mm Solid Steel Dorman: 711-312 Papco: N/A	Part # 3897  Chrome Retainer M12 x 1.50 Hex: 21mm Length 26mm Solid Steel Dorman: 611-219 Papco: N/A	Part # 3899  Zinc Retainer M12 x 1.50 Hex: 19mm Length 26mm Solid Steel Dorman: 611-226 Papco: N/A
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M12 x 1.50

Part # 4683  Zinc External Thread M12 x 1.50 Hex: 19mm Length 31.25mm Solid Steel Dorman: 611-150 Papco: 559-192	Part # 6100  Zinc Open Bulge M12 x 1.50 Hex: 19mm Length 28mm Solid Steel Dorman: 611-227 Papco: N/A	Part # 6101  Chrome Retainer M12 x 1.50 Hex: 19mm Length 37mm Solid Steel Dorman: 611-229 Papco: N/A	Part # 6104  Chrome Acorn M12 x 1.50 Hex: 21mm Length 33mm Solid Steel Dorman: 611-238 Papco: N/A	Part # 6105  Zinc Open Bulge M12 x 1.50 Hex: 19mm Length 24mm Solid Steel Dorman: 611-239 Papco: N/A
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M12 x 1.50

Part # 6112  Chrome Acorn Bulge M12 x 1.50 Hex: 19mm Length 39mm Solid Steel Dorman: 611-284 Papco: N/A	Part # 6113  Chrome Acorn Bulge M12 x 1.50 Hex: 19mm Length 63mm Solid Steel Dorman: 611-286 Papco: N/A	Part # 6117  Chrome Acorn Bulge M12 x 1.50 Hex: 19mm Length 35mm Solid Steel Radius Ball Seat Dorman: 711-300 Papco: N/A	Part # 6119  Chrome Acorn M12 x 1.50 Hex: 19mm Length 32mm Solid Steel Dorman: 611-303 Papco: 559-087	Part # 6121  Chrome Retainer M12 x 1.50 Hex: 19mm Length 37mm Solid Steel Dorman: 611-306 Papco: N/A
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Note: Installers are required to determine correct thread size, outside wrench diameter, overall length and seat style (where lug nut meets rim)

M12 x 1.50

<p>Part # 6122</p>  <p>Chrome Dome Top M12 x 1.50 Hex: 19mm Length 31mm Solid Steel</p> <p>Dorman: 611-307 Papco: N/A</p>	<p>Part # 6123</p>  <p>Zinc External Thread M12 x 1.50 Hex: 21mm Length 35mm Solid Steel</p> <p>Dorman: 611-308 Papco: N/A</p>	<p>Part # 6124</p>  <p>Chrome Standard M12 x 1.50 Hex: 21mm Length 36mm Solid Steel</p> <p>Dorman: 611-312 Papco: N/A</p>	<p>Part # 6126</p>  <p>Chrome Retainer M12 x 1.50 Hex: 21mm Length 33mm Solid Steel</p> <p>Dorman: 611-316 Papco: N/A</p>	<p>Part # 6137</p>  <p>Chrome Acorn Bulge M12 x 1.50 Hex: 19mm Length 38mm Solid Steel</p> <p>Dorman: 611-263 Papco: N/A</p>
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M12 x 1.50

<p>Part # 6140</p>  <p>Chrome MAG M12 x 1.50 Hex: 21mm Length 36mm Solid Steel</p> <p>Dorman: 611-104 Papco: N/A</p>	<p>Part # 6145</p>  <p>Chrome Locking M12 x 1.50 Hex: Length 36mm Solid Steel</p> <p>Dorman: N/A Papco: N/A</p>	<p>Part # 6146</p>  <p>Chrome MAG M12 x 1.50 Hex: 21mm Length 42mm Solid Steel</p> <p>Dorman: 611-108 Papco: N/A</p>	<p>Part # 6150</p>  <p>Chrome Acorn Bulge M12 x 1.50 Hex: 19mm Length 30mm Solid Steel</p> <p>60° Seat Dorman: N/A Papco: N/A</p>	<p>Part # 3862</p>  <p>Black Flange Flat M12 x 1.75 Hex: 19mm Length 23mm Solid Steel</p> <p>Dorman: 611-172 Papco: 559-174</p>
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M12 x 1.75

M14 x 1.50

<p>Part # 3806</p>  <p>Chrome Acorn M14 x 1.50 Hex: 19mm Length 35mm Solid Steel</p> <p>Dorman: N/A Papco: N/A</p>	<p>Part # 3809</p>  <p>Chrome Dome Top M14 x 1.50 Hex: 21mm Length 38mm Solid Steel</p> <p>Dorman: 611-007 Papco: N/A</p>	<p>Part # 3810</p>  <p>Chrome Dome Top M14 x 1.50 Hex: 21mm Length 44mm Solid Steel</p> <p>Dorman: 611-008 Papco: N/A</p>	<p>Part # 3812</p>  <p>Zinc Standard M14 x 1.50 Hex: 22mm Length 15mm Solid Steel</p> <p>Dorman: 611-147 Papco: N/A</p>	<p>Part # 3818</p>  <p>Chrome Acorn M14 x 1.50 Hex: 23mm Length 30mm Solid Steel</p> <p>Dorman: 611-118 Papco: N/A</p>
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M14 x 1.50

<p>Part # 3833</p>  <p>Chrome Acorn Bulge M14 x 1.50 Hex: 21mm Length 35mm Solid Steel</p> <p>Dorman: 611-186 Papco: N/A</p>	<p>Part # 3834</p>  <p>Chrome Duplex Acorn M14 x 1.50 Hex: 22mm Length 47mm Solid Steel</p> <p>Dorman: 611-187 Papco: N/A</p>	<p>Part # 3839</p>  <p>Zinc Open Bulge M14 x 1.50 Hex: 22mm Length 26mm Solid Steel</p> <p>Dorman: 611-979 Papco: N/A</p>	<p>Part # 3843</p>  <p>Zinc Open Bulge M14 x 1.50 Hex: 22mm Length 21mm Solid Steel</p> <p>Dorman: 611-110 Papco: N/A</p>	<p>Part # 3855</p>  <p>Zinc External Thread M14 x 1.50 Hex: 22mm Length 30mm Solid Steel</p> <p>Dorman: 611-115 Papco: N/A</p>
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M14 x 1.50

<p>Part # 3880</p>  <p>Chrome Dome Top M14 x 1.50 Hex: 21mm Length 37mm Solid Steel</p> <p>Dorman: 611-258 Papco: N/A</p>	<p>Part # 3886</p>  <p>Chrome Open Bulge M14 x 1.50 Hex: 19mm Length 21mm Solid Steel</p> <p>Dorman: 711-606 Papco: N/A</p>	<p>Part # 3887</p>  <p>Chrome Acorn Bulge M14 x 1.50 Hex: 22mm Length 45mm Solid Steel</p> <p>Dorman: 611-236 Papco: 559-236</p>	<p>Part # 3888</p>  <p>Chrome Dome Top M14 x 1.50 Hex: 22mm Length 39mm Solid Steel</p> <p>Dorman: 611-330 Papco: N/A</p>	<p>Part # 3890</p>  <p>Chrome MAG M14 x 1.50 Hex: 21mm Length 43mm Solid Steel</p> <p>Dorman: 611-259 Papco: 559-259</p>
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Note: Installers are required to determine correct thread size, outside wrench diameter, overall length and seat style (where lug nut meets rim)

M14 x 1.50

<p>Part # 3891</p>  <p>Chrome Acorn Bulge M14 x 1.50 Hex: 22mm Length 28mm Solid Steel</p> <p>Dorman: 611-327 Papco: N/A</p>	<p>Part # 6106</p>  <p>Black Flange Flat M14 x 1.50 Hex: 21mm Length 21mm Solid Steel</p> <p>Dorman: 611-246 Papco: N/A</p>	<p>Part # 6111</p>  <p>Chrome MAG M14 x 1.50 Hex: 22mm Length 24mm Solid Steel</p> <p>Dorman: 611-279 Papco: N/A</p>	<p>Part # 6118</p>  <p>Chrome Flange Flat M14 x 1.50 Hex: 21mm Length 53mm Solid Steel</p> <p>Dorman: 611-302 Papco: N/A</p>	<p>Part # 6120</p>  <p>Zinc Open Bulge M14 x 1.50 Hex: 21mm Length 26mm Solid Steel</p> <p>Dorman: 611-304 Papco: N/A</p>
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M14 x 1.50

<p>Part # 6125</p>  <p>Chrome Acorn Bulge M14 x 1.50 Hex: 22mm Length 34mm Solid Steel</p> <p>Dorman: 611-313 Papco: N/A</p>	<p>Part # 6129</p>  <p>Chrome MAG Short M14 x 1.50 Hex: 22mm Length 35mm Solid Steel</p> <p>Dorman: 611-278 Papco: N/A</p>	<p>Part # 6130</p>  <p>Chrome Acorn Bulge M14 x 1.50 Hex: 22mm Length 34mm Solid Steel</p> <p>Dorman: 611-331 Papco: N/A</p>	<p>Part # 6131</p>  <p>Chrome Acorn M14 x 1.50 Hex: 21mm Length 36mm Solid Steel</p> <p>Dorman: 711-609 Papco: N/A</p>	<p>Part # 6149</p>  <p>External Thread Flange Flat M14 x 1.50 Hex: 22mm Length 34mm Solid Steel</p> <p>Dorman: 611-202 Papco: N/A</p>
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M14 x 2.0

<p>Part # 3856</p>  <p>Black Flange Flat M14 x 2.0 Hex: 21mm Length 26mm Solid Steel</p> <p>Dorman: 611-196 Papco: 559-196</p>	<p>Part # 3857</p>  <p>Chrome Dome Top M14 x 2.0 Hex: 21mm Length 52mm Solid Steel</p> <p>Dorman: 611-206 Papco: 559-306</p>	<p>Part # 3864</p>  <p>Chrome Wire Wheel M14 x 2.0 Hex: 21mm Length 31mm Solid Steel</p> <p>Dorman: 611-223 Papco: 559-323</p>	<p>Part # 3868</p>  <p>Chrome Acorn Bulge M14 x 2.0 Hex: 21mm Length 54mm Solid Steel</p> <p>3868</p> <p>Dorman: 611-288 / 611-290</p>	<p>Part # 3893</p>  <p>Chrome Acorn Bulge M14 x 2.0 Hex: 21mm Length 35mm Solid Steel</p> <p>3893</p> <p>Dorman: N/A Papco: N/A</p>	<p>Part # 3871</p>  <p>Chrome Acorn Bulge M14 x 2.0 Hex: 21mm Length 35mm Solid Steel</p> <p>Dorman: N/A Papco: N/A</p>
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M14 x 2.0

Part # 3881



Chrome Acorn Bulge
M14 x 2.0
Hex: 19mm
Length 50mm
Solid Steel

Dorman: 711-1005 Papco: N/A

Part # 6102



Chrome Flange Flat
M14 x 2.0
Hex: 21mm
Length 45mm
Solid Steel

Dorman: 611-230 Papco: N/A

Part # 6114



Chrome Dome Top
M14 x 2.0
Hex: 21mm
Length 63mm
Solid Steel

Dorman: 611-290 Papco: N/A

Part # 3865



Grey Plastic Cap
M24 x 2.0
Hex: 19mm
Length 33mm

Dorman: 611-621 Papco: 559-211

Part # 3866



Black Plastic Cap
M24 x 2.0
Hex: 22mm
Length 45mm

Dorman: 611-620 Papco: 559-202

M24 x 2.0

Part # 3867



Black Plastic Cap
M24 x 2.0
Hex: 19mm
Length 33mm

Dorman: 611-642 Papco: 559-220

Part # 3802



Zinc Standard
1/2" - 20"
Hex: 13/16"
Length 0.62"
Solid Steel

Dorman: 611-121 Papco: 559-016

Part # 3803



Zinc Standard
1/2" - 20"
Hex: 3/4"
Length 0.55"
Solid Steel

Dorman: 611-027 Papco: 558-027

Part # 3807



Chrome Acorn
1/2" - 20"
Hex: 3/4"
Length 1.37"
Solid Steel

Dorman: 611-091 Papco: N/A

Part # 3814



Chrome MAG Short
1/2" - 20"
Hex: 13/16"
Length 1.46"
Solid Steel

Dorman: 611-102 Papco: N/A

Note: Installers are required to determine correct thread size, outside wrench diameter, overall length and seat style (where lug nut meets rim)



Wheel Nuts

All Wheel Nuts One Piece Solid Steel

All Wheel Nuts Available in 5pk, 10pk & 25pk

Example: 3816-5 3816-10 3816-25 *Priced Per Package (S/P & HP 4Pk)

1/2" - 20

<p>Part # 3816</p>  <p>Chrome MAG Long 1/2" - 20 Hex: 13/16" Length 1.67" Solid Steel</p> <p>Dorman: 611-106 Papco: N/A</p>	<p>Part # 3819</p>  <p>Chrome Dome Top 1/2" - 20 Hex: 3/4" Length 1.33" Solid Steel</p> <p>Dorman: 611-122 Papco: N/A</p>	<p>Part # 3821</p>  <p>Chrome Dome Top 1/2" - 20 Hex: 13/16" Length 2.04" Solid Steel</p> <p>Dorman: 611-143 Papco: N/A</p>	<p>Part # 3824</p>  <p>Chrome Open Bulge 1/2" - 20 Hex: 3/4" Length 0.82 Solid Steel</p> <p>Dorman: 611-154 Papco: N/A</p>	<p>Part # 3825</p>  <p>Chrome Duplex Acorn 1/2" - 20 Hex: 7/8" Length 1.85" Solid Steel</p> <p>Dorman: 611-155 Papco: N/A</p>
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1/2" - 20

<p>Part # 3826</p>  <p>Chrome MAG Duplex 1/2" - 20 Hex: 7/8" Length 1.84" Solid Steel</p> <p>Dorman: 611-156 Papco: N/A</p>	<p>Part # 3835</p>  <p>Zinc Retainer 1/2" - 20 Hex: 13/16" Length 1.10" Solid Steel</p> <p>Dorman: 611-197 Papco: N/A</p>	<p>Part # 3852</p>  <p>Chrome Dome Top 1/2" - 20 Hex: 3/4" Length 1.57" Solid Steel</p> <p>Dorman: 611-094 Papco: 558-094</p>	<p>Part # 3859</p>  <p>Zinc Wire Wheel 1/2" - 20 Hex: 3/4" Length 1.25" Solid Steel</p> <p>Dorman: 611-199 Papco: 558-199</p>	<p>Part # 3860</p>  <p>Zinc Bulge 1/2" - 20 Hex: 13/16" Length 0.83" Solid Steel</p> <p>Dorman: 611-093 Papco: 558-162</p>
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1/2" - 20

<p>Part # 3863</p>  <p>Chrome Acorn 1/2" - 20 Hex: 13/16" Length 1.38" Solid Steel</p> <p>Dorman: 611-098 Papco: N/A</p>	<p>Part # 3870</p>  <p>Chrome Acorn Bulge 1/2" - 20 Hex: 13/16" Length 1.38" Solid Steel</p> <p>Dorman: 611-153 Papco: N/A</p>	<p>Part # 3874</p>  <p>Chrome Acorn Bulge 1/2" - 20 Hex: 13/16" Length 1.50" Solid Steel</p> <p>Dorman: 611-071 Papco: 559-071</p>	<p>Part # 6115</p>  <p>Chrome Dome Top 1/2" - 20 Hex: 13/16" Length 1.50" Solid Steel</p> <p>Dorman: 611-292 Papco: 558-292</p>	<p>Part # 6143</p>  <p>Chrome MAG Locking 1/2" - 20 Hex: 1.50" Length 1.50" Solid Steel</p> <p>Dorman: N/A Papco: N/A</p>
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7/16" - 20

<p>Part # 3800</p>  <p>Zinc Standard 7/16" - 20 Hex: 3/4" Length 0.55" Solid Steel</p> <p>Dorman: 611-014 Papco: 559-014</p>	<p>Part # 3808</p>  <p>Chrome Acorn 7/16" - 20 Hex: 3/4" Length 1.22" Solid Steel</p> <p>Dorman: N/A Papco: N/A</p>	<p>Part # 3817</p>  <p>Chrome Acorn 7/16" - 20 Hex: 13/16" Length 1.35" Solid Steel</p> <p>Dorman: 611-097 Papco: N/A</p>	<p>Part # 6139</p>  <p>Chrome MAG 7/16" - 20 Hex: 13/16" Length 1.58" Solid Steel</p> <p>Dorman: 611-105 Papco: N/A</p>	<p>Part # 6142</p>  <p>Chrome MAG Locking 7/16" - 20 Hex: 1.50" Length 1.50" Solid Steel</p> <p>Dorman: N/A Papco: N/A</p>
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9/16" - 18

<p>Part # 3811</p>  <p>Zinc Standard 9/16" - 18 Hex: 7/8" Length 0.75" Solid Steel</p> <p>Dorman: 611-052 Papco: 588-100</p>	<p>Part # 3829</p>  <p>Zinc Open Bulge 9/16" - 18 Hex: 15/16" Length 1.03" Solid Steel</p> <p>Dorman: 611-162 Papco: 558-062</p>	<p>Part # 3830</p>  <p>Chrome Duplex Acorn 9/16" - 18 Hex: 7/8" Length 1.87" Solid Steel</p> <p>Dorman: 611-170 Papco: N/A</p>	<p>Part # 3851</p>  <p>Chrome Dometop Bulge 9/16" - 18 Hex: 7/8" Length 1.50" Solid Steel</p> <p>Dorman: 611-204 Papco: 558-204</p>	<p>Part # 3884</p>  <p>Black Flange Flat 9/16" - 18 Hex: 7/8" Length 1.06" Solid Steel</p> <p>Dorman: 611-127 Papco: 558-127</p>	<p>Part # 6116</p>  <p>Black Flange Flat 9/16" - 18 Hex: 15/16" Length 1.10" Solid Steel</p> <p>Dorman: 611-296 Papco: 558-296</p>
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Note: Installers are required to determine correct thread size, outside wrench diameter, overall length and seat style (where lug nut meets rim)

Premium Coated Impact Sockets CR-MO 1/2" Drive

Asst # 1200 - Full Kit

NEW

5X LONGER LIFE
THIN WALL IMPACT SOCKET

Features

- High strength impact sockets (CR-MO Steel)
- Protective sleeve prevents damage to alloy & chrome wheels
- Thin wall socket design for access in confined spaces
- Lasts 5 times longer than conventional thin wall sockets
- Manganese Phosphate coating to resist corrosion



WHEEL NUT ASSORTMENTS

Asst # 0134



100 Piece Assortment - contains 6 of the most popular chrome acorn & external thread wheel nuts

Asst # 0163

40 Hole Bin Included



396 Piece Wheel Nut Assortment
Includes Our most popular part numbers

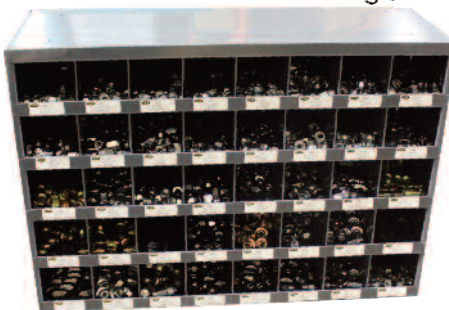
Asst # 0171



320 Piece Wheel Nut Assortment - 24 part numbers with coverage for many popular vehicles

Asst # 0172

Over 75% Coverage



40 Hole Bin Included

910 Piece Wheel Nut Assortment
over 75% coverage

Asst # 0173

Coverage for:
General Motors, Ford,
Chrysler, Toyota, Lexus,
Honda, Acura, Mazda,
Nissan, Infiniti, Subaru,
Scion, Mitsubishi, Kia,
Hyundai

72 Hole Bin Included

FMSI's most comprehensive Wheel Nut Assortment. Over 1100 pieces with coverage for standard, solid steel, chrome acorn, stainless steel, ball seat, external thread, bulge, domed & flat face.



Over 80% Coverage

Hot Rod Sleeve - Heat Shield - Fuel Line Tubing



1100°F
593° C
Continuous

2000°F
1093° C
Intermittent

Features:

- Special weave allows heat sleeve to expand and contract over fittings and terminals
- Prevents vapor lock in fuel lines
- The wire protection sleeve shields wire loom and fluid carrying lines from heat
- Non-Flammable
- Reflects and dissipates heat
- Made in the USA

Part #	Description
9050	1/4" I.D. x 5' Hot Rod Sleeve
9051	1/4" I.D. x 10' Hot Rod Sleeve
9052	3/8" I.D. x 5' Hot Rod Sleeve
9053	3/8" I.D. x 10' Hot Rod Sleeve
9054	3/8" I.D. x 100' Hot Rod Sleeve
9055	1/2" I.D. x 5' Hot Rod Sleeve
9056	1/2" I.D. x 10' Hot Rod Sleeve

Part #	Description
9057	1/2" I.D. x 100' Hot Rod Sleeve
9058	3/4" I.D. x 5' Hot Rod Sleeve
9059	3/4" I.D. x 10' Hot Rod Sleeve
9060	3/4" I.D. x 100' Hot Rod Sleeve
9061	1" I.D. x 5' Hot Rod Sleeve
9062	1" I.D. x 10' Hot Rod Sleeve
9063	1" I.D. x 100' Hot Rod Sleeve

Muffler / Catalytic Converter Armor

Part # 9095 - 14" x 20"

1800°F
982° C
Continuous

2200°F
1204° C
Intermittent



Includes stainless steel locking ties

This muffler and catalytic converter heat shield uses BioCool thermal barrier material to withstand 1800°F of continuous heat. Reduces radiant heat by up to 70%.

Helps keep the interior or trunk of your vehicle cooler. Can also reduce vapor lock if mufflers are near the fuel tank or fuel lines.

Lava Shield - With Adhesive

Part # 9080 - 12" x 24"
Part # 9081 - 24" x 24"

1200°F
649° C
Continuous

2000°F
1093° C
Intermittent



FEATURES:

- 12" x 24" - With Adhesive
 - Capable of reducing up to 80% of radiant heat
 - Helps shield firewalls, hoods, body panels, floor boards
 - Adhesive backing sticks to almost any clean surface
 - Made in the USA
- (not recommended for rough or unfinished fiberglass/carbon)

Torch / Welding Blanket

Part # 9090

10X MORE DURABLE THAN LEATHER

1800°F
982° C
Continuous

2000°F
1093° C
Intermittent



FEATURES:

- 18" x 18" with Grommets
- Protects components while repairs are made
- 10X more durable & longer lasting than traditional blankets
- Okay for torch to touch blanket
- Made in the USA

Racer Tape

Part # 9091

450°F
232° C
Continuous

600°F
316° C
Intermittent



FEATURES:

- 1" x 12ft
- Rated for 450°F continuous use, 600°F intermittent
- Reflects and dissipates heat
- Protects wire looms, fuel lines, without disassembly
- Guide line for easy installation
- Made in the USA

Premium Exhaust Wrap

Part # 9071 - 1" x 50'
Part # 9070 - 1" x 10'

Part # 9073 - 2" x 50'
Part # 9072 - 2" x 10'

1350°F
732° C
Continuous

2000°F
1093° C
Intermittent



FEATURES:

- 1" & 2" Available
- Tightest weave = less fraying
- Remains flexible and strong even at 1350°F
- Available in stealth black
- Made in the USA





Floor Stand Displays Available: 8" - 60"

- Stainless Steel
- Cupro Nickel
- Polyvinyl Fluoride
- Passivated Green
- Spring Armored Silver Zinc
- Silver Zinc

Combinations of Sizes and Styles

- 3/16", 1/4", 5/16" & 3/8" (Invert Flare)
- European/Domestic (Bubble Flare)
- Japanese (Invert Flare)
- Toyota & General Motors (Invert Flare)
- British & U.S Thread (Bubble Flare)
- 6mm (Bubble Flare)

*Don't see the assortment you're after?
Call us and we will create a custom floor
stand to suit your requirements.*

Hydraulic Tubing Coil Packs

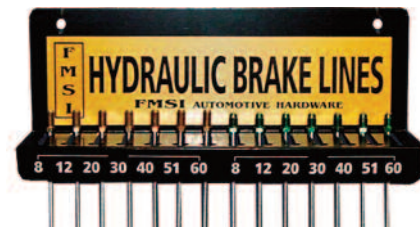


FMSI's coil packs come complete with a 25' coil of line and package of corresponding fittings. Available in Cupro Nickel, Stainless Steel, Poly Vinyl fluoride & Silver Zinc

Part #	Size	Finish	Fitting 1	Fitting 2	Fitting 3	Fitting 4
CN3KIT	3/16" x 25'	Cupro Nickel	3000SS (2)	3001SS (2)	3028SS (2)	3043SS (2)
CN4KIT	1/4" x 25'	Cupro Nickel	3003SS (4)	3004SS (4)	3413 (2)	
CN5KIT	5/16" x 25'	Cupro Nickel	3006 (7)	3009 (2)	3445 (1)	
CN6KIT	3/8" x 25'	Cupro Nickel	3008 (2)	3015 (5)	3436 (1)	3442 (1)
CN7KIT	M6 x 25'	Cupro Nickel	3421 (6)	3422 (2)	3423 (2)	
SS3KIT	3/16" x 25'	Stainless Steel	3000SS (2)	3001SS (2)	3028SS (2)	3043SS (2)
SS4KIT	1/4" x 25'	Stainless Steel	3003SS (4)	3004SS (4)	3413 (2)	
SS5KIT	5/16" x 25'	Stainless Steel	3006 (7)	3009 (2)	3445 (1)	
SS6KIT	3/8" x 25'	Stainless Steel	3008 (2)	3015 (5)	3436 (1)	3442 (1)
PVF3KIT	3/16" x 25'	Poly Vinyl	3000 (10)	3001 (2)	3028 (2)	3043 (2)
PVF4KIT	1/4" x 25'	Poly Vinyl	3003 (6)	3004 (2)	3413 (2)	
PVF5KIT	5/16" x 25'	Poly Vinyl	3006 (8)	3009 (2)	3445 (1)	
PVF6KIT	3/8" x 25'	Poly Vinyl	3008 (2)	3015 (5)	3436 (1)	3442 (1)
C3KIT	3/16" x 25'	Silver Zinc	3000 (10)	3001 (2)	3028 (2)	3043 (2)
C4KIT	1/4" x 25'	Silver Zinc	3003 (8)	3004 (2)	3413 (2)	
C5KIT	5/16" x 25'	Silver Zinc	3006 (8)	3009 (2)	3445 (1)	
C6KIT	3/8" x 25'	Silver Zinc	3008 (2)	3015 (5)	3436 (1)	3442 (1)
C7KIT	M6 x 25'	Silver Zinc	3421 (6)	3422 (2)	3423 (2)	

Brake Line Floor Stand Display Assortments

Part #	Description	Piece Count
0015	3/16", 1/4", Japanese & European with Coils (Cupro Nickel)	177 pieces
0023	3/16", 1/4", Japanese & European (Cupro Nickel)	72 pieces
0114	3/16" Japanese & European (Cupro Nickel)	28 pieces
0343	6mm & Toyota/GM Metric (Silver Zinc)	32 pieces
0391	Standards 3/16", 1/4", 5/16" & 3/8" (Silver Zinc)	210 pieces
0392	Metric, British, Japanese & Domestic (Silver Zinc)	140 pieces
0404	Standard 3/16", 1/4", 5/16" & 3/8" (Armored Silver Zinc)	210 pieces
0420	Standard 3/16", 1/4", 5/16" & 3/8" (Silver Zinc)	203 pieces
0421	3/16", 1/4", 5/16" & 3/8", Metric, Japanese, Euro & Domestic (Silver Zinc)	310 pieces
0430	3/16", 1/4" Japanese & Domestic (Silver Zinc)	210 pieces
0455	Metric, British, Japanese & European (Passivated Green)	126 pieces
0461	Standard 3/16", 1/4", 5/16" & 3/8" (Passivated Green)	210 pieces
0474	3/16", 1/4", Metric, Japanese & European (Passivated Green)	133 pieces
0487	British, Metric, Toyota, Japanese & Euro (Polyvinyl Fluoride)	112 pieces
0490	3/16", 1/4", Metric, Japanese & European (Polyvinyl Fluoride)	108 pieces
0491	Standard 3/16", 1/4", 5/16" & 3/8" (Polyvinyl Fluoride)	125 pieces



Brake Line Wall Rack Assortments

Part #	Description	Piece Count
0010	3/16" Standard & Metric (Silver Zinc)	43 pieces
0104	Japanese & European (PVF)	38 pieces
0105	Japanese (Silver Zinc & Armored Silver Zinc)	40 pieces
0111	3/16" & 1/4" (Cupro Nickel)	28 pieces
0280	3/16" & 1/4" (Silver Zinc)	48 pieces
0297	5/16" & 3/8" (Silver Zinc)	32 pieces
0298	3/16" & 1/4" (Armored Silver Zinc)	31 pieces
0299	Japanese & Domestic (Silver Zinc)	40 pieces
0343	Toyota/GM & Metric (Silver Zinc)	32 pieces
0422	Standards, British, Japanese & Metric (Silver Zinc)	308 pieces
0423	British, Japanese & Metric (Silver Zinc)	140 pieces
0424	Standards 3/16", 1/4", 5/16" & 3/8" (Silver Zinc)	94 pieces
0442	Metric, Japanese & Toyota/GM (Silver Zinc)	74 pieces
0463	Standards 3/16", 1/4", 5/16" & 3/8" (Passivated Green)	62 pieces
0471	3/16" & 1/4" (Passivated Green)	46 pieces
0472	3/16" & 1/4" (Silver Zinc)	70 pieces
0484	3/16" (Passivated Green)	32 pieces
0485	3/16" (Silver Zinc)	32 pieces
0486	3/16" (Armored Silver Zinc)	32 pieces
0488	Standards, 3/16", 1/4", 5/16" & 3/8" (PVF)	66 pieces
0489	3/16" & 1/4" (Polyvinyl Fluoride)	39 pieces
0493	Metric, Japanese, Toyota/GM & European (PVF)	74 pieces

Line Nut Assortments

Assortment #	Description	Total SKUs	Piece Count
* 0014	Standard & Metric Brake Line Nuts & Adapters	26	91
0020	Oversize & Metric Brake Line Nuts, Adapter, Unions & CN3	25	103
0021	Standard & Metric Line Nuts, Unions & Adapters w/ CN3/CN4	27	160
* 0022	Standard, Metric & Oversize Line Nuts Adapters & Unions w/ CN3	26	159
* 0027	Standard & Metric Line Nuts & Unions w/ CN3-100	48	166
* 0028	Standard & Metric Line Nuts & Unions w/ CN3-100 & CN4-100	49	167
* 0103	Fuel Line Tube Nuts & Viton O-Rings	11	47
0142	Master Tube Nut, Unions & Tees	59	204
* 0147	Stainless Steel Standard & Metric Tube Nuts	6	36
* 0168	Stainless Steel Standard & Metric Tube Nuts w/ SS3-25	7	37
* 0169	Stainless Steel Standard & Metric Tube Nuts w/ SS3-25 & SS4-25	8	38
0251	3/16" to 3/8" Standard & Metric Line Nuts & Unions (2 Box)	47	176
* 0254	Top 10 Brake Line Tube Nuts & Unions	10	160
* 0269	Standard, Metric & Oversized Line Nuts & Unions	25	158
* 0310	Oversized Line Nuts	9	55
* 0311	Metric Line Nuts	10	60
* 0314	Oversize & Metric Line Nuts & Unions	24	102
* 0441	Standard, Metric & Oversized, Female Line Nuts & Unions	24	101
* 0479	Metric & Oversize Line Nuts	23	110

Stainless Steel Tube Nut Assortment
Includes 3/16", 1/4" standard & long, 10mm metric bubble & 10mm metric invert. Ideal for Stainless Steel & Cupro Nickel Lines

Asst # 0147



Asst # 0168
Asst 0147 + SS3-25

Asst # 0169
Asst 0147 + SS3-25 + SS4-25



<p>Asst # 0014</p> <p>Brake Line Tube Nuts & Adapters</p>	<p>Asst # 0022</p> <p>Standard & Metric Brake Line Tube Nuts & Unions w/ CN3</p>	<p>Asst # 0027</p> <p>Standard & Metric Brake Line Tube Nuts & Unions w/ CN3-100</p>	<p>Asst # 0028</p> <p>Standard & Metric Brake Line Tube Nuts & Unions w/ CN3-100&CN4-100</p>	<p>Asst # 0103</p> <p>Fuel Line Tube Nuts O-Rings & Unions</p>
<p>Asst # 0142</p> <p>Master Tube Nut & Unions (2 Metal Trays)</p>		<p>Asst # 0251</p> <p>Standard & Metric Line Nuts & Unions (1 Box Standard / Oversized + 1 Box Metric)</p>		<p>Asst # 0254</p> <p>Top 10 Brake Line Tube Nuts & Unions</p>
<p>Asst # 0269</p> <p>Standard & Metric Brake Line Tube Nuts & Unions</p>	<p>Asst # 0310</p> <p>Oversized Brake Line Tube Nuts</p>	<p>Asst # 0314</p> <p>Standard & Metric Brake Line Tube Nuts & Unions</p>	<p>Asst # 0441</p> <p>Standard Brake Line Tube Nuts & Unions</p>	<p>Asst # 0479</p> <p>Metric Brake & Fuel Line Tube Nuts</p>

Oil Drain Plugs & Gasket Assortments

Assortment #	Description	Total SKUs	Piece Count
0002	Oil Drain Plug & Fiber Gaskets	28	130
* 0002B	Nylon, Copper, Fiber, Viton & Aluminum Drain Plug Gaskets	23	466
0141	Master Oil Drain Plug & Gaskets	64	82
0187	Oversized Repair Drain Plugs	12	26
0246	Copper Fiber, Copper, Aluminum Gaskets	24	142
0303	OE Oil Drain Plugs & Gaskets (Chrysler, GM, Ford & Toyota)	17	66
0327	Metric Oil Drain Plugs & Gaskets	35	169
* 0327M	Master Oil Drain Plugs & Gaskets (2 Box)	47	140
0354	Metric Drain Plug Gaskets Nylon, Fiber, Viton/Steel, Aluminum	24	239
0355	Metric Drain Plug Gaskets, Steel/Rubber, Aluminum	8	80
0440	1990 - Up New Style Drain Plugs	23	31



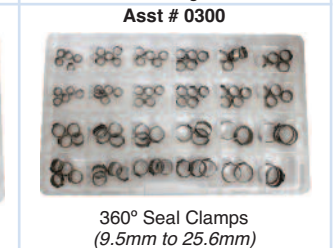
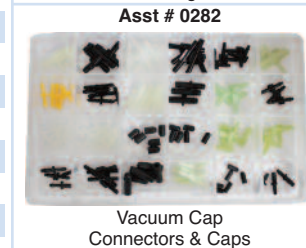
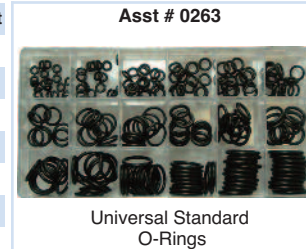
Power Steering & Transmission Assortments

Assortment #	Description	Total SKUs	Piece Count
* 0128	Power Steering Rack Repair	23	48
0158M	Transmission Line Fittings, Hose, Retainer Repair	56	97
0390	Transmission Retainer Clips	8	44
0438	Power Steering Repair Lines & Line Nuts	12	35
* 0439	Transmission Oil Cooler Adapters, Connectors & Line Nuts	25	25
0462	Transmission Cooler Repair Lines	10	20



General Hardware Assortments

Assortment #	Description	Total SKUs	Piece Count
0037	E Clip	12	120
0050	Solderless Connectors	29	532
0205	O.E.M. Terminals	25	115
0216	Vacuum Caps	5	40
0234	Mini & Maxi Fuses	13	29
0255	Door & Trim Panel Clips	10	62
* 0263	Standard O-Rings	32	407
* 0264	Metric O-Rings	32	419
0281	Cotter Pins	6	1000
* 0282	Vacuum Connectors	24	105
* 0300	360° Seal Clamps	12	96
* 0351	Hose Menders	10	28
0352	Solderless Terminals	24	230
0364	Cabin Air Filter Hardware	12	75
* 0368	Panel & Trim Clips	18	180
0381	Hood Prop & Rod Retainers	18	41
* 0382	Heat Shrink Solderless Terminals	23	132
0428	Metric Grease Fittings	6	100
* 0429	Standard Grease Fittings	6	100
* 0433	Licence Plate Hardware	24	146
* 0477	Brake & Fuel Line Retainer Clips	3	25
* 0492	Splash Panel Clips	16	73



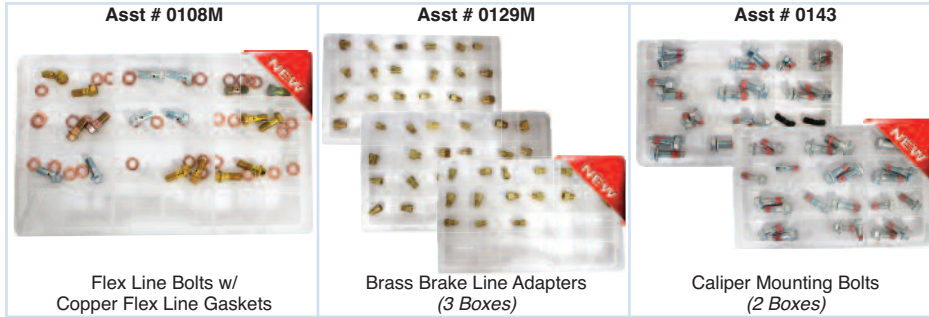
Brake Hardware Assortments

Assortment #	Description	Total SKUs	Piece Count
* 0018	Brass Adapters, Unions & Tees	24	24
* 0072	Copper Flex Line Gaskets & Bleeder Screws	22	154
0107	Brass Adapters & Unions	21	44
* 0108M	Flex Bolts & Copper Gaskets	12	54
* 0129M	Master 3 Box Brass Adapters	63	63
* 0143	Caliper Mounting Bolts	25	50
0144	Caliper Mounting Bolts	25	100
* 0231	Copper Flex Line Gaskets	8	48
0252	Brass Adapters, Unions & Tees	22	38
* 0475	Bleeder Screws	22	144



Asst # 0018
Brass Adapters, Unions & Tees

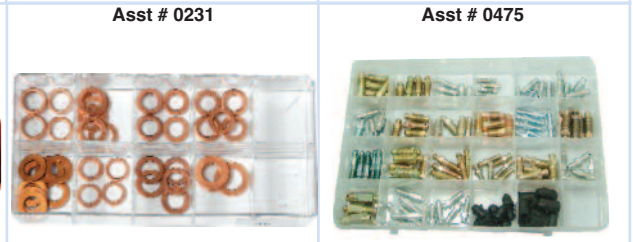
Asst # 0072
Bleeder Screws, Clips & Copper Flex Gaskets



Asst # 0108M
Flex Line Bolts w/ Copper Flex Line Gaskets

Asst # 0129M
Brass Brake Line Adapters (3 Boxes)

Asst # 0143
Caliper Mounting Bolts (2 Boxes)



Asst # 0231
Copper Flex Line Gaskets

Asst # 0475
Master Bleeder Screws w/ Rubber Caps

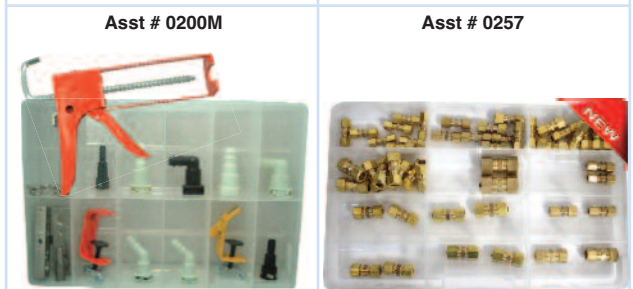
Fuel Assortments

Assortment #	Description	Total SKUs	Piece Count
0131	Fuel & Evap Retainer Clips	18	50
0139	Fuel Line Quick Connectors	22	37
0140	Stainless Steel Quick Connectors	7	15
* 0159	Fuel Injection O-Rings	24	170
* 0160M	EZ Fit Fuel Line Connectors w/ Nylon Tubing	19	63
* 0200M	Updates 0454 to 0454M Master Fuel Line Assortment	15	16
* 0257	Dedicated Compression Unions (3/16" to 1/2")	12	48
* 0258	360° Seal Compression Unions (3/16" to 1/2")	7	38
0279	Steel & Nylon Fuel Line Repair Center w/ Rack	13	21
0289	Fuel Line Tubing Clips	5	30
0301	Nylon Fuel Line Repair Hardware & Fittings	24	122
0304	Steel Fuel Repair Lines	17	74
* 0329	Fuel Injection Clamps	4	36
0348	Fuel Line Retainer Clips	9	52
* 0348M	Master Fuel Line Retainer Clips	18	68
0380	Fuel Line Quick Connectors	13	36
0434	Fuel Line Repair for Quick Lubes	21	50
0436	360° Seal Compression Unions Brass & Steel	24	42
0437	360° Seal Compression Unions Brass	16	33
* 0454M	Master OE Style Fuel Line Quick Connector Installation Kit	61	99



Asst # 0159
Fuel Injection O-Rings

Asst # 0160M
EZ Fit No Tool Fuel Line Quick Connectors w/ Nylon Tubing



Asst # 0200M
Update 0454 to 0454M Master Fuel Line Assortment

Asst # 0257
Dedicated Compression Unions (3/16" to 1/2")



Asst # 0258
360° Seal Compression Unions (3/16" to 1/2")

Asst # 0329
Fuel Injection Clamps (1/4" to 3/8" & 12mm)

Asst # 0348M
Master Fuel Line Retainer Clips



Asst # 0454M
Master Fuel Line Repair & Replacement OE Style Quick Connectors w/ Nylon Tubing

Asst # 0454M

Master Fuel Line Repair & Replacement Assortment

90 Piece Assortment includes FMSI's complete fuel line repair and replacement fittings, hardware and all tooling necessary to take on any fuel line repair.

5/16" (M8), 3/8", M10, 5/8" & 1/2" (Fuel, Vent & Evap) in straight 45° and 90° elbows
Also included is our 360° seal compression unions, brass joiner barbs, 360° seal clamps, steel repair lines and 50 feet of nylon fuel line tubing

3X FASTER THAN ANY COMPETITORS IMITATION

On Car OE Press Fit Connector Installation
Don't Be Fooled by Cheap Knockoffs



THE ORIGINAL FLUID LINE REPAIR SPECIALISTS

Asst # 0160M



No Installation Tools Required



Quick Release Retainer Clip Built-in



Secure 360° Seal Clamp for Leak Free Connection

HAND PRESS
NO PRESS TOOL REQUIRED

EZ Fit Push In Quick Connector Assortment

EZ Fit Push In quick connectors install by hand for hard to reach repairs and DIY technicians.

63 Piece (48 connectors) assortment includes the most common fuel line quick connector sizes, 5/16" (M8), 3/8", M10 & 1/4" for vent line, in straight and 90° elbows. Also includes brass barb joiners & 50 feet of fuel line tubing.

Display & Packaging Solutions

Metal & Plastic Display Cases

Part #	Description
0066	24 Hole Plastic Box
0070	Double Sided Plastic Box
0076	12 Hole Plastic Box (Small)
0077	18 Hole Plastic Box (Small)
0078	10 Hole Plastic Box
0087	24 Hole Metal Tray
0088	4 Drawer Metal Rack
0089	32 Hole Metal Tray
359	40 Hole Metal Bin
363	72 Hole Metal Bin
364	Base for 359 & 363
317-95	64 Drawer Cabinet



Brake Line Wall Racks & Floor Stand

Part #	Description
0084	3/16" & 1/4" - 14 Slot Wall Rack
0091	5/16" & 3/8" - 14 Slot Wall Rack
0100	28 Slot Metric Wall Rack
0101	3/16" to 3/8" - 25 Slot Wall Rack
022-284	35 Tube Floor Stand 8" to 60"



0084

