BL 107

papcoFlex

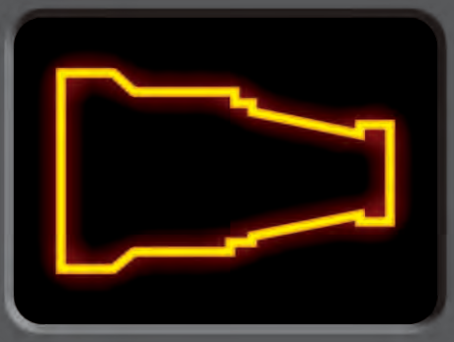
BRAKE SYSTEM



FUEL SYSTEM



REPAIR LINES, ADAPTORS, FITTINGS AND TOOLS



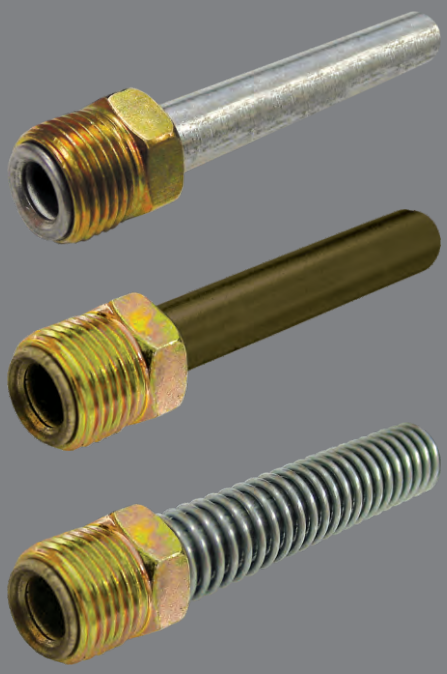
TRANSMISSION



COOLANT

paulin®
H. Paulin & Co., a division of The Hillman Group Canada ULC
VANCOUVER • EDMONTON • WINNIPEG • MONTREAL • MONCTON

STEEL HYDRAULIC BRAKE LINES



Papcoflex Steel Hydraulic Brake Lines are ideal replacement parts for hydraulic brake, transmission, gas, oil and vacuum lines used on all cars, trucks, buses and tractors.

1. All Papco Brake Lines feature a copper brazed, double-walled steel construction coupled with a zinc outer coating that provides resistance to rust, leakage, pressure and vibration.
2. Papco lines comply to GM123M-ASV and S.A.E. J527B, have wall thickness of 0.028" (0.70mm) and withstands pressures to 17,000 psi.
3. All Papco lines can easily be shaped by hand to duplicate the original without crimping or collapsing.

Papcoflex **POLY-V** Coated Brake Lines feature a polyvinyl flouride coating to resist corrosion, nicks and dents while providing up to 30 times the protection of standard steel brake lines.

Papcoflex Armoured Steel Brake Lines feature the highest degree of protection against common road hazzards. Each steel line is wound the entire length with a 0.046" diameter high carbon, galvanized wire and comes complete with flared fittings.

Order by Part Number

Standard package contains 10 lines

Overall Length	3/16 O.D.			1/4 O.D.			5/16 O.D.			3/8 O.D.		
	Steel	POLY-V	Steel Armoured	Steel	POLY-V	Steel Armoured	Steel	POLY-V	Steel Armoured	Steel	POLY-V	Steel Armoured
6"	S306	-	AS306	-	-	-	-	-	-	-	-	-
8"	S308	PS308	AS308	S408	PS408	AS408	S508	PS508	AS508	-	PS608	-
10"	S310	-	AS310	-	-	-	S510	PS510	AS510	S610	-	AS610
12"	S312	PS312	AS312	S412	PS412	AS412	S512	PS512	AS512	S612	PS612	AS612
20"	S320	PS320	AS320	S420	PS420	AS420	S520	PS520	AS520	S620	PS620	AS620
30"	S330	PS330	AS330	S430	PS430	AS430	S530	PS530	AS530	S630	PS630	AS630
40"	S340	PS340	AS340	S440	PS440	AS440	S540	PS540	AS540	S640	PS640	AS640
51"	S351	PS351	AS351	S451	PS451	AS451	S551	PS551	AS551	S651	PS651	AS651
60"	S360	PS360	AS360	S460	PS460	AS460	S560	PS560	AS560	S660	PS660	AS660
72"	S372	PS372	AS372	S472	PS472	AS472	S572	PS572	AS572	S672	PS672	AS672

METRIC BRAKE LINES

All the proven features of the Papcoflex Steel Hydraulic Brake Line. Available in three types, all 3/16" diameter and in popular length as listed.

Type 'A': Metric Thread with standard flare. For Nissan, Honda, Mazda and Toyota.

Type 'B': U.S. Thread with bubble flare. For Austin, Cortina, Cricket, Fiat, Jaguar, M.G. and Triumph.

Type 'C': Metric Thread with bubble flare. For BMW, Citroen, Mercedes-Benz, Peugeot, Porsche, VW.

Overall Length	METRIC 3/16 O.D.							6 mm O.D.
	Type 'A'		Type 'B'		Type 'C'		Type 'T'	GM/Imports
	Steel	POLY-V	Steel	POLY-V	Steel	POLY-V	Toyota/GM Long Nut	Steel
8"	MA308	PMA308	MB308	PMB308	MC308	PMC308	MT308	MM308
12"	MA312	PMA312	MB312	PMB312	MC312	PMC312	MT312	MM312
20"	MA320	PMA320	MB320	PMB320	MC320	PMC320	MT320	MM320
30"	MA330	PMA330	MB330	PMB330	MC330	PMC330	MT330	MM330
40"	MA340	PMA340	MB340	PMB340	MC340	PMC340	MT340	MM340
51"	MA351	PMA351	MB351	PMB351	MC351	PMC351	MT351	MM351
60"	MA360	PMA360	MB360	PMB360	MC360	PMC360	MT360	MM360

STEEL BRAKE LINE MERCHANDISERS

Papcoflex steel brake line floor merchandisers are available in 5 variations and may be linked together to form a master warehouse stock to cover almost every brake line requirement. Compact wire rack measures 9-1/2"w x 20-1/2"d x 28"h and includes colour-coded, permanent PVC storage tubes for dispensing lines. Each papcoflex brake line is labeled showing part number, O.D. and length.



No. 022-284 Empty Wire Rack

(with tubes and colour-coded labels to create your own mix of lines)

STEEL BRAKE LINE MERCHANDISER No. 022-285

Contains 3 each of 28 sizes of Papcoflex Brake Lines for a total of 84 lines. Rack and tubes included.

POLY-V COATED BRAKE LINE MERCHANDISER No. 022-585

Contains 3 each of 28 sizes of POLY-V Coated Steel Brake Lines for a total of 84 lines. Rack and tubes included.

Overall Length	3/16 O.D.		1/4 O.D.		5/16 O.D.		3/8 O.D.	
	Steel	POLY-V	Steel	POLY-V	Steel	POLY-V	Steel	POLY-V
8"	S308	PS308	S408	PS408	S508	PS508	S610	PS608*
12"	S312	PS312	S412	PS412	S512	PS512	S612	PS612
20"	S320	PS320	S420	PS420	S520	PS520	S620	PS620
30"	S330	PS330	S430	PS430	S530	PS530	S630	PS630
40"	S340	PS340	S440	PS440	S540	PS540	S660	PS640
51"	S351	PS351	S451	PS451	S551	PS551	S661	PS651
60"	S360	PS360	S460	PS460	S560	PS560	S660	PS660

ARMOURED BRAKE LINE MERCHANDISER No. 022-286

Contains 3 each of 28 sizes of Papcoflex Armoured Brake Lines for a total of 84 lines. Rack and tubes included.

Overall Length	3/16 O.D. Steel Armoured	1/4 O.D. Steel Armoured	1/4 O.D. Steel Armoured	5/16 O.D. Steel Armoured
8"	AS308	AS408	AS508	AS610
12"	AS312	AS412	AS512	AS612
20"	AS320	AS420	AS520	AS620
30"	AS330	AS430	AS530	AS630
40"	AS340	AS440	AS540	AS640
51"	AS351	AS451	AS551	AS651
60"	AS360	AS460	AS560	AS660

METRIC BRAKE LINE MERCHANDISER No. 022-287

Contains 3 each of 21 sizes of Papcoflex Metric Brake Lines for a total of 63 lines. Rack and tubes included.

POLY-V COATED METRIC BRAKE LINE MERCHANDISER No. 022-586

Contains 3 each of 21 sizes of POLY-V Coated Metric Brake Lines for a total

Overall Length	Type 'A' Japanese		Type 'B' British		Type 'C' European	
	Steel	POLY-V	Steel	POLY-V	Steel	POLY-V
8"	MA308	PMA308	MB308	PMB308	MC308	PMC308
12"	MA312	PMA312	MB312	PMB312	MC312	PMC312
20"	MA320	PMA320	MB320	PMB320	MC320	PMC320
30"	MA330	PMA330	MB330	PMB330	MC330	PMC330
40"	MA340	PMA340	MB340	PMB340	MC340	PMC340
51"	MA351	PMA351	MB351	PMB351	MC351	PMC351
60"	MA360	PMA360	MB360	PMB360	MC360	PMC360

NOTE: PMA Series POLY-V Brake Lines are supplied with Long Nuts for compatability with Toyota/GM brake line requirements.

BRAKE LINE MERCHANDISERS

Each merchandiser includes a rugged metal rack complete with measuring gauge. Merchandisers can be hung on a wall, shelf end, or post. When joining two or more brake lines, use papco Inverted Flare Unions (see page 6).

STEEL BRAKE LINE MERCHANDISER

No. 022-079

Contains 48 Lengths of the most popular 5/16” and 3/8” diameter Steel Brake Lines. Four each of 5/16” and 3/8 x 12”, 20”, 30”, 40”, 51” and 60”.

No. 022-080

Contains 56 Lengths of the most popular 3/16” and 1/4” diameter Steel Brake Lines. Four each of 3/16” and 1/4 x 8”, 12”, 20”, 30”, 40”, 51” and 60”.

ARMOURED STEEL BRAKE LINE MERCHANDISER

No. 022-081

Contains 56 lengths of the most popular 3/16” and 1/4” diameter Armoured Brake Lines. Four each of 3/16” and 1/4”x 8”, 12”, 20”, 30”, 40”, 51” and 60”.

No. 022-082

Contains 48 lengths of the most popular 5/16” and 3/8” diameter Armoured Brake Lines. Four each of 5/16” and 3/8”x 12”, 20”, 30”, 40”, 51” and 60”.

POLY-V COATED BRAKE LINE MERCHANDISER

No. 022-587

Contains 56 Lengths of the most popular 3/16” and 1/4” diameter Coated Brake Lines. Four each of 3/16” and 1/4 x 8”, 12”, 20”, 30”, 40”, 51” and 60”.

No. 022-588

Contains 48 Lengths of POLY-V Coated Brake Lines. Four each of 5/16” and 3/8 x 12”, the most popular 5/16” and 3/8” diameter 20”, 30”, 40”, 51” and 60”.

STEEL METRIC BRAKE LINE MERCHANDISER

No. 022-083

Contains 42 lines - two of the 21 listed lengths of Metric Brake Lines in Type ‘A’, ‘B’ and ‘C’.

POLY-V COATED METRIC BRAKE LINE MERCHANDISER

No. 022-589

Contains 42 lines - two each of the 21 listed lengths of Coated Metric Brake Lines in Type ‘A’, ‘B’ and ‘C’.



EMPTY BRAKE LINE RACKS

No. 022-077
For 3/16” and 1/4” diameter Brake Lines

No. 022-078
For 5/16” and 3/8” diameter Brake Lines

No. 022-078M
For 3/16” diameter Metric Brake Lines

MASTER CYLINDER ADAPTOR LINES - BRAKE LINE TUBING

8" MASTER CYLINDER ADAPTOR LINES

Individually Packaged

Steel	POLY-V	Tube Size	Thread & Flare Type	Thread & Flare Type	Colour Code
913-001*	P913-001✓	1/4	7/16-24 - Inverted	7/16-24 - Inverted	Gold
913-002*	P913-002✓	3/16	3/8-24 - Inverted	7/16-24 - Inverted	Red
913-003*	P913-003✓	3/16	3/8-24 - Inverted	1/2-20 - Inverted	Black
913-004*	P913-004✓	3/16	3/8-24 - Inverted	1/2-20 - Inverted	Green
913-005*	P913-005✓	1/4	7/16-24 - Inverted	9/16-18 - Inverted	Blue
913-006*	P913-006✓	3/16	3/8-24 - Inverted	9/16-18 - Inverted	Olive
913-007*	P913-007✓	1/4	7/16-24 - Inverted	1/2-20 - Inverted	Gold
913-008*	P913-008✓	3/16	3/8-24 - Inverted	10mm-1.0 - Bubble	Olive
913-009*	P913-009✓	3/16	10mm-1.0 - Bubble	11mm-1.0 - Bubble	Orange
913-010*	P913-010✓	3/16	10mm-1.0 - Bubble	12mm-1.0 - Bubble	Orange
913-011*	P913-011✓	3/16	10mm-1.0 - Bubble	13mm-1.0 - Bubble	Green
913-012*	P913-012✓	3/16	3/8-24 - Inverted	11mm-1.0 - Bubble	Orange
913-013*	P913-013✓	3/16	3/8-24 - Inverted	12mm-1.0 - Bubble	Blue
913-014*	P913-014✓	3/16	3/8-24 - Inverted	13mm-1.5 - Bubble	Green
913-015*	P913-015✓	3/16	3/8-24 - Inverted	10mm-1.0 - Inverted	Blue
913-016*	P913-016✓	1/4	7/16-24 - Inverted	12mm-1.0 - Bubble	Olive
913-017*	P913-017✓	6mm	12mm-1.0 - Bubble	12mm-1.5 - Bubble	Olive
913-018*	P913-018✓	6mm	12mm-1.0 - Bubble	14mm-1.5 - Bubble	Black



STEEL MASTER CYLINDER ADAPTOR LINES

ASSORTMENT NO. 022-845

Contains a total of 28 Adaptor Lines 3 each of the 18 most popular sizes as indicated above (*)



POLY-V COATED STEEL MASTER CYLINDER ADAPTOR LINES

ASSORTMENT NO. 022-846

Contains a total of 28 POLY-V Adaptor Lines 2 each of the 18 most popular sizes as indicated above (✓)

BRAKE LINE TUBING - CARBON STEEL AND POLY-V COATED

25 ft Coils

Outside Dia.	Steel	POLY-V	Wall Thickness
3/16	901-131	PC-325	.028"
1/4	901-141	PC-425	
5/16	901-151	PC-525	
3/8	901-161	PC-625	





BRAKE LINE FITTINGS

STEEL TUBE NUTS – Standard

Standard Package 10 Pieces

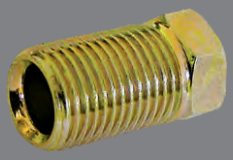
Part No.	Tube size	Thread size
DS141-3PK	3/16	3/8-24
DS141-4PK	1/4	7/16-24
DS141-5PK	5/16	1/2-20
DS141-6	3/8	5/8-18



STEEL TUBE NUTS – Long

Standard Package 10 Pieces

Part No.	Tube size	Thread size
DSL141-3PK	3/16	3/8-24
DSL141-4PK	1/4	7/16-24



STEEL TUBE NUTS – Oversize Hex

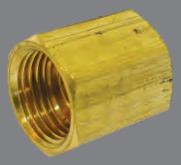
Standard Package 10 Pieces

Part No.	Tube size	Thread size
DS141-4-3	1/4 x 3/16	7/16-24
DS141-5-3	5/16 x 3/16	1/2-20
DS141-5-4	5/16 x 1/4	1/2-20
DS141-6-3	3/8 x 3/16	5/8-18
DS141-6-4	3/8 x 1/4	5/8-18



UNIONS – Standard Package 10 Pieces

Part No.	Tube size	Thread size
D142-3PK	3/16	3/8-24
D142-4PK	1/4	7/16-24
D142-5PK	5/16	1/2-20
D142-6PK	3/8	5/8-18



ADAPTORS – Standard to Dual Master Cylinder

Standard Package 2 Pieces

Part No.	Female Inverted Flare Seat - Thread	Male Inverted Flare Tube - Thread
D1074*	5/16 - 1/2-20	5/16 - 1/2-20
D7732*	1/4 - 7/16-24	1/4 - 7/16-20
D7817*	3/16 - 3/8-24	5/16 - 1/2-20
D7818	3/16 - 3/8-24	1/4 - 7/16-24
D7828	1/4 - 7/16-24	3/16 - 3/8-24
D7829	1/4 - 7/16-24	5/16 - 1/2-20
D7908	1/4 - 7/16-24	3/16 - 9/16-18
D7909	3/16 - 3/8-24	5/16 - 1/2-20
D7910	3/16 - 3/8-24	3/16 - 9/16-20
D7911	3/16 - 3/8-24	3/16 - 9/16-18
D7912	3/16 - 9/16-18	3/16 - 1/2-20
D7913	3/16 - 1/2-20	3/16 - 9/16-18
D7915	3/8 - 5/8-18	5/16 - 1/2-20
D7916	5/16 - 1/2-20	3/8 - 5/8-18
D7917*	5/16 - 1/2-20	1/4 - 7/16-24



* Seals on hex face

METRIC BRAKE LINE FLARE NUTS

Standard Package 10 Pieces

Part No.	Tube Size	Flare Type	Thread - Application	Colour Code
MA300	3/16	Inverted Flare	10mm - 1.0 – Toyota	Blue
MA317	3/16	Inverted Flare	10mm - 1.0 – Toyota / GM	Blue
MA327	3/16	Inverted Flare	10mm - 1.0 – Toyota	Blue
MA343	3/16	Inverted Flare	10mm - 1.0 – Japanese	Blue
MB311	3/16	Bubble Flare	3/8-24 – British	Violet
MC300	3/16	Bubble Flare	10mm - 1.0 – Euro / Domestic	Olive
MC313	1/4	Inverted Flare	12mm - 1.0 – Ford	Olive
MC314	3/16	Bubble Flare	10mm - 1.0 – VW / Audi	Violet
MC341	3/16	Bubble Flare	12mm - 1.0 – GM / Ford	Blue
MC342	3/16	Bubble Flare	13mm - 1.5 – GM / Ford	Green
MC343	3/16	Bubble Flare	11mm - 1.5 – GM / Ford	Orange / Grey
MC612	6mm	Bubble Flare	12mm - 1.0	Olive
MC613	6mm	Bubble Flare	12mm - 1.5	Olive
MC614	6mm	Bubble Flare	14mm - 1	Black







METRIC / INCH INVERTED FLARE AND BUBBLE FLARE UNIONS

Standard Package 2 Pieces

Part No.	Tube Size	Thread Size	Seat Type
PC1190	3/16	3/8-24	Bubble Flare
PC1191	3/16	M10-1.0	Bubble Flare
PC1192	3/16	M10-1.0	Inverted Flare
PC1193	M6	M12-1.0	Inverted Flare



ADAPTORS – Metric to Metric Bubble Flare

Standard Package 2 Pieces

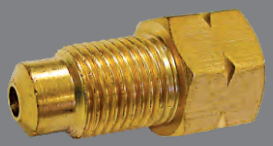
Part No.	Tube Size	Female Bubble Flare Seat	Male Bubble Flare Tube
PC1179	3/16	M10-1.0	M11-1.5
PC1180	3/16	M10-1.0	M12-1.0
PC1181	3/16	M10-1.0	M13-1.5



ADAPTORS – Inverted Flare to Inch / Metric Bubble Flare

Standard Package 2 Pieces

Part No.	Tube Size	Female Inverted Flare Seat	Male Bubble Flare Tube
PC1177	3/16	3/8-24	3/8-24
PC1178	3/16	3/8-24	M10-1.0



ADAPTORS – Inverted Flare to Metric Bubble Flare

Standard Package 2 Pieces

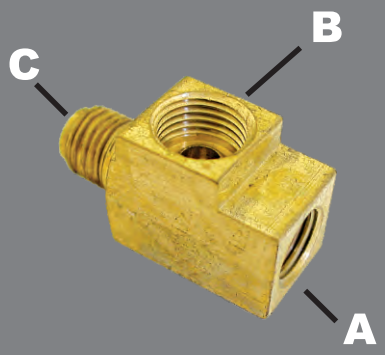
Part No.	Tube Size	Female Inverted Flare Seat	Male Inverted Flare Tube
PC1176	3/16	3/8-24	M10-1.0



BRAKE LINE FITTINGS - ASSORTMENTS

TOWED TRAILER BRAKE TEES – Standard Packages 2 Pieces

Part No.	A – Female	B – Female	C – Male
D7898	1/4INV - 7/16-24	1/4INV – 7/16-24	1/4INV – 7/16-24
D7899	3/16INV - 3/8-24	1/4INV – 7/16-24	3/16INV – 3/8-24
D7900	3/16INV - 3/8-24	3/16INV – 3/8-24	3/16INV – 3/8-24
D7901	1/4INV - 7/16-24	3/16INV – 3/8-24	1/4INV – 7/16-24
D7902	1/4INV - 7/16-24	3/16INV – 3/8-24	1/4 MPT
D7904	1/4 - 9/16-18	3/16INV – 3/8-24	1/4 – 9/16-18
D7905	3/16 - 1/2-20	3/16INV – 3/8-24	5/16INV – 1/2-20
D7906	3/16 - 1/2-20	3/16INV – 3/8-24	3/16INV – 1/2-20
D7914	3/16 - 7/16-24	3/16INV – 3/8-24	1/4INV – 7/16-24
D7918	3/16 - M10-1.0	3/16INV – 3/8-24	3/16 – M10-1.0)
D7933	3/16 - 9/16-18	3/16INV – 3/8-24	3/16 – 9/16-18



BRAKE BLEEDER SCREWS – Standard Package 5 Pieces

Part No.	Size	Application	Type
904-200	3/8-24 x 1.471"	Ford/Chrysler	1
904-201	M10-1.5 x 28mm	GM	3
904-203	3/8-24 x 1.11"	Most Domestic	1
904-204	M8-1.25 x 33mm	GM/Honda	3
904-206	1/4-28 x .920"	Ford/Chrysler	1
904-209	M7-1.0 x 32mm	Domestic/Import	1
904-212	M10-1.0 x 33mm	Domestic/Import	1
904-213	5/16-24 x 1.06"	GM/Chrysler	1
904-218	Small Repair Insert	Universal - stripped threads	2
904-219	Large Repair Insert	Universal - stripped threads	2



BRAKE BLEEDER SCREW
MASTER ASSORTMENT No. 020-604



64 Pieces:

904-200	904-212	DS141-5	DS141-3
904-204	904-213	DS141-6	PC1176
904-203	904-218	D142-3	PC1177
904-204	904-219	D142-4	PC1178
904-206	DS141-3	D142-5	MA300
904-209	DS141-4	D142-6	MC300

BRAKE LINE FITTING
ASSORTMENT NO. 020-510



100 Pieces:

905-101	DS141-4-3	DSL141-3	MC343
905-104	DS141-4	DSL141-4	PC1176
D142-3	DS141-5-3	MA300	PC1178
D142-4	DS141-5-4	MA327	PC1190
D142-5	DS141-5	MC341	PC1191
DS141-3	DS141-6	MC342	PC1192
			PC1193

The Evolution of Fuel line Repair

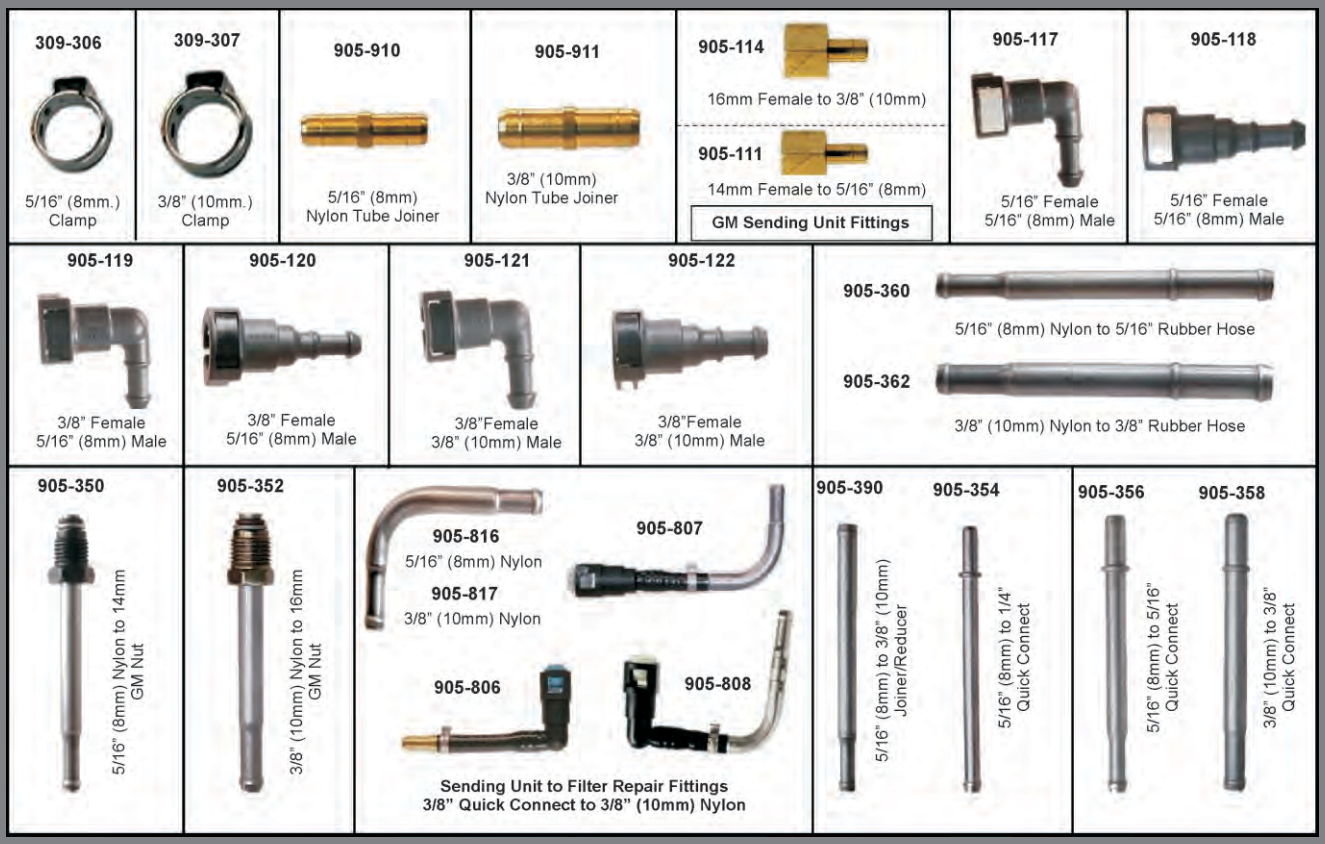


- Innovative 'Posi-Hold' bead end design enables the technician to install fittings by hand, without the need of a COSTLY Fitting Installation Tool.
- Replace damaged sections, fabricate complete fuel lines, repair main feed, return and vent fuel lines in the time it takes to set up most installation tools.
- All fittings and tubing can be used as direct replacements for Chrysler/Dodge, Ford, General Motors, Honda, Mazda,Toyota, Etc...

MASTER FUEL LINE REPAIR ASSORTMENT - No Tools Required

Each assortment comes complete with 25ft of 8mm and 10mm Nylon12 Tubing.

ASSORTMENT NO. 020-411



NYLON FUEL LINE REPAIR - NYLON 12 TUBING

The Evolution of Fuel line Repair

NYLON FUEL REPAIR KIT
No Tools Required

Each single application kit comes complete with fitting, a 12” length of Nylon 12 tubing, tubing joiner(s) and clamps.

Individually Packaged

Part No.	Description	Style
905-220	5/16" To 10mm Nylon	A
905-221	3/8" To 10mm Nylon	
905-222	3/8" To 8mm Nylon	
905-223	3/8" To 10mm Nylon	B
905-224	5/16" To 8mm Nylon	
905-225	5/16" To 5/16" Nylon	C
905-226	10mm To 10mm Nylon	







QUICK CONNECT NYLON FUEL LINE FITTINGS

No Tools Required – Global Stye Quick Connect Fittings

Individually Packaged

Part No.	Description	Style
905-117	5/16" To 5/16" (8mm)	B
905-118	5/16" To 5/16" (8mm)	A
905-119	3/8" To 5/16" (8mm)	B
905-120	3/8" To 5/16" (8mm)	A
905-121	3/8" To 10mm	B
905-122	3/8" To 10mm	A

A



B



NYLON 12 TUBING – Premium black Nylon 12 tubing is specifically designed for use with fuel injection systems and as a direct replacement for steel fuel line. Rated to 200 p.s.i.

Part No.	Tube Size	Length
901-290	1/4" (6mm)	10'
901-310	1/4" (6mm)	25'
901-300	5/16" (8mm)	10'
901-311	5/16" (8mm)	25'
901-321	5/16" (8mm)	50'
901-331	5/16" (8mm)	100'
901-301	3/8" (10mm)	10'
901-312	3/8" (10mm)	25'
901-322	3/8" (10mm)	50'
901-332	3/8" (10mm)	100'



TUBE JOINERS - CLAMPS - FUEL HOSE

NYLON TUBING JOINERS – Ring Barb Design, Brass.

Standard Package 2 Pieces

Part No.	Tubing Size
905-909	1/4" (6mm)
905-910	5/16" (8mm)
905-911	3/8" (10mm)



NYLON TUBING CLAMPS – Smooth inner band provides a positive 360 seal around the nylon tubing. Note – Not for use with Fuel Injection Hose.

Standard Package 10 Pieces

Part No.	Nylon Tubing Size
309-303	1/4" (6mm)
309-306	5/16" (8mm)
309-307	3/8" (10mm)



RUBBER FUEL HOSE – Meet/Exceeds SAE J30R7 and OEM specifications. Operating temperature range -29° F to 257° F. Burst pressure 50 p.s.i.

Note – Not for use with Fuel Injection Systems.

Part No.	Size
901-531	1/4" x 25'
901-532	5/16" x 25'
901-533	3/8" x 25'



FUEL INJECTION HOSE

Meets/Exceeds SAE 30R9 and OEM specifications. Operating pressure range 180 p.s.i. Burst strength exceeds 900 p.s.i.

Part No.	Size
901-514	1/4" x 25'
901-516	5/16" x 25'
901-518	3/8" x 25'



FUEL INJECTION HOSE CLAMPS

Designed specifically for high pressure fuel injection systems.
Note – Not for use with nylon fuel line

Standard Package 10 Pieces

Part No.	Hose Size (I.D.)
307-570	1/4"
307-571	5/16"
307-572	3/8"

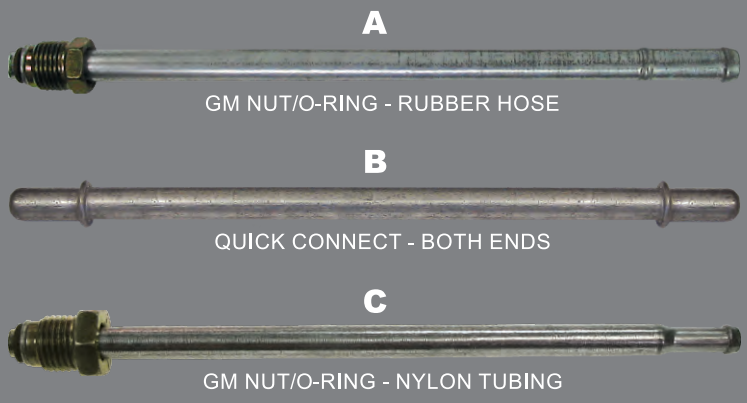


STEEL FUEL LINE/SENDING UNIT REPAIR

STEEL FUEL LINE REPAIR KITS

Individually Packaged

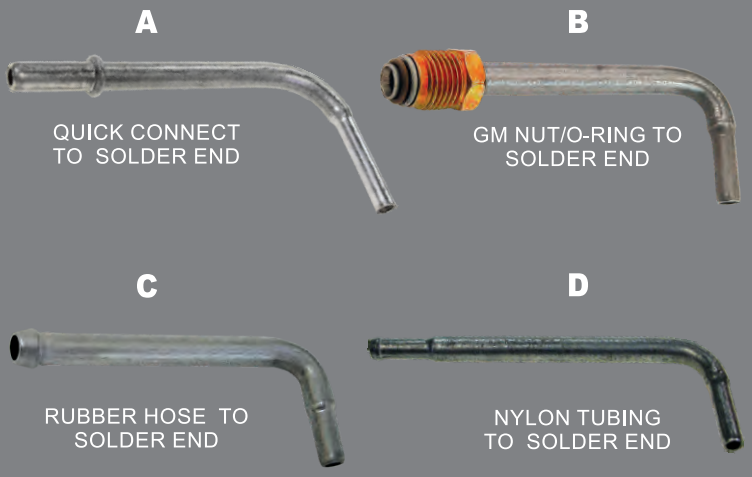
Part No.	Size	Style
905-509	5/16" x 9"	A
905-518	5/16" x 18"	
905-609	3/8" x 9"	
905-618	3/8" x 18"	
905-500	1/4" x 18"	B
905-513	5/16" x 18"	
905-613	3/8" x 18"	
905-508	14mm. x 7.25"	C
905-608	16mm. x 7.25"	



FUEL SENDING UNIT REPAIR FITTINGS

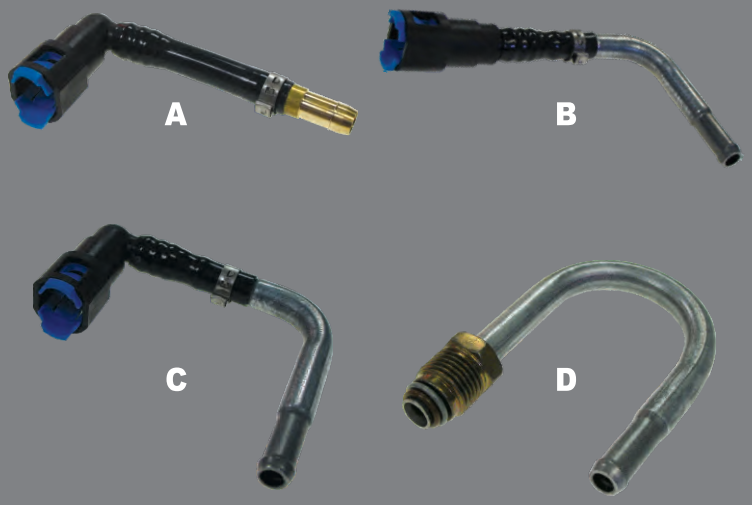
Individually Packaged

Part No.	Size	Style
905-504	1/4" x 4 3/4"	A
905-304	5/16" x 4 3/4"	
905-404	3/8" x 4 3/4"	
905-305	14mm. Nut x 4 3/4"	B
905-405	16mm. Nut x 4 3/4"	
905-313	5/16" x 12"	C
905-319	5/16" x 18"	
905-413	3/8" x 12"	
905-419	3/8" x 18"	
905-474	3/8" x 4 3/4"	D
905-374	5/16" x 4 3/4"	



FUEL SENDING UNIT TO FILTER REPAIR LINES

Part No.	Description	Style
905-806	3/8" Quick Connect to Nylon Elbow	A
905-807	3/8" Quick Connect to Steel Elbow	B
905-808	3/8" Quick Connect to Nylon Elbow	C
905-809	3/8" Quick Connect to 180 Steel Elbow	D



STEEL ADAPTOR LINES

A



GM NUT/O-RING TO NYLON TUBING

B



QUICK CONNECT - NYLON TUBING

C



RUBBER HOSE - NYLON TUBING

D

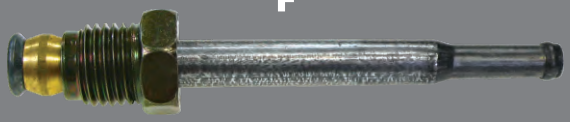


INVERTED FLARE NUT - NYLON TUBING
(COMPLETE WITH EXTRA NUT, UNION, AND CLAMP)

E



F



E*



METRIC INVERTED FLARE NUT - NYLON TUBING

F*



METRIC INVERTED LONG FLARE NUT - NYLON TUBING

G



10MM TO 8MM REDUCER - NYLON TUBING

H



NYLON TUBING ELBOW

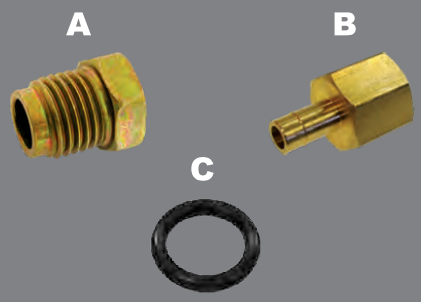
Individually Packaged

Part No.	Size	Style	Part No.	Size	Style
905-350	14mm - 8mm Nylon	A	905-370	3/8" to 10mm. Nylon	D
905-352	16mm - 10mm Nylon		905-385	14mm. To 8mm Nylon - Toyota	E
905-354	1/4" to 8mm. Nylon	B	905-387	14mm. To 8mm Nylon - Toyota	E*
905-356	5/16" to 8mm. Nylon		905-395	14mm. To 8mm Nylon - Honda	F
905-358	3/8" to 10mm. Nylon		905-397	14mm. To 8mm Nylon - Honda	F*
905-360	5/16" to 8mm. Nylon	C	905-390	Joiner / Reducer	G
905-362	3/8" to 10mm. Nylon		905-816	5/16" Nylon Elbow	H
905-368	5/16" to 8mm. Nylon	D	905-817	3/8" Nylon Elbow	

SENDING LINE/QUICK CONNECT FITTINGS

SENDING LINE FITTINGS - GM – Individually Packaged

Part No.	Description	Application	Style
905-101	14mm Tube Nut	GM Flare Nut/O-Ring	A
905-104	16mm Tube Nut		
905-111	14mm Female Joiner		B
905-114	16mm Female Joiner		
304-206	14mm O-Ring		C
304-207	16mm O-Ring		



QUICK CONNECT NYLON FITTINGS – ASSEMBLY TOOL REQUIRED

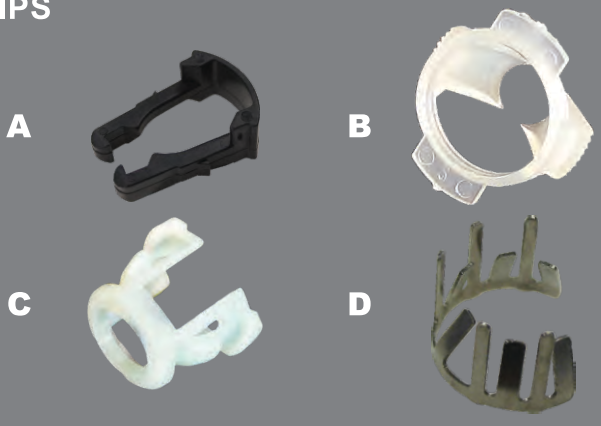
Individually Packaged

Part No.	Description	Style
905-713	5/16" To 5/16' (8mm)	A
905-714	3/8" To 10mm	
905-715	3/8" To 10mm	B
905-716	5/16" To 5/16" (8mm)	
905-725	5/16" To 10mm	
905-717	5/16" To 5/16' (8mm)	C
905-718	5/16" To 5/16" (8mm)	D
905-719	3/8" To 10mm	E
905-722	3/8" To 5/16" (8mm)	
905-720	1/4" To 5/16" (8mm)	F
905-723	3/8" To 10mm	G
905-724	3/8" To 8mm	



NYLON QUICK CONNECT RETAINER CLIPS

Part No.	Description	Style
905-170	5/16" Clip	A
905-175	3/8" Clip	
905-185	5/16" Ford Clip	
905-190	3/8" Ford Clip	
905-180	1/4" Clip	B
905-150	5/16" Clip	C
905-155	3/8" Clip	
905-160	10.5mm Ford Clip	D
905-165	13.5mm Ford Clip	



QUICK RELEASE CONNECTORS – Individually Packaged

Part No.	Size
905-124	1/4" Steel Fuel Connector
905-125	5/16" Steel Fuel Connector
905-126	3/8" Steel Fuel Connector

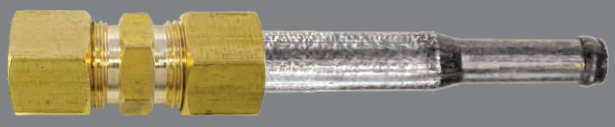


COMPRESSION FITTINGS - FUEL GAUGE REPAIR

NYLON TUBING TO STEEL LINE JOINER KITS – Conveniently connect to existing steel fuel line on vehicles changing over to nylon tubing.

Individually Packaged

Part No.	Description
905-863	1/4" Steel - 5/16 Nylon
905-864	5/16" Steel - 5/16 Nylon
905-865	3/8" Steel - 10mm Nylon



COMPRESSION UNIONS – Individually Packaged

Part No.	Tube Size	Description	Style
D62-2 D62-3 D62-4 D62-5 D62-6	1/8 3/16 1/4 5/16 3/8	Steel / Copper – Both Ends	A
D962-4 D962-5 D962-6	1/4 5/16 3/8	Nylon – Both Ends	B
D963-4 D963-5 D963-6	1/4 5/16 3/8	Nylon – Steel / Copper	C

A



B



C

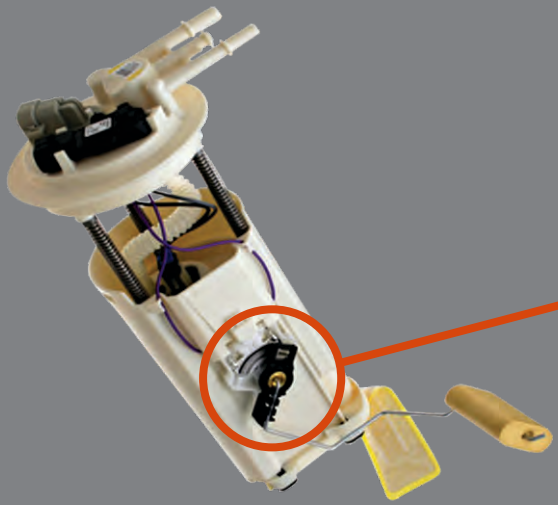


FUEL TANK FASTENER KIT Part No 905-383 – Contains 25 pcs of 3/8-16 x 3 Fully Threaded Hex Bolt and 25 pcs of 3/8-16 long reach 'U' Nut.





GM FUEL GAUGE READER – Efficient, cost effective solution to eliminate incorrect or erratic fuel level readings. Direct replacement for any GM vehicle equipped with this 'Sweeper Style' gauge reader.



Individually Packaged



Part No. 905-700

FUEL LINE REPAIR ASSORTMENTS/MERCHANDISERS



FUEL INJECTION CLAMPS
ASSORTMENT NO. 020-400

36 pieces, 12 of each:

307-570 – 1/4”
307-571 – 5/16”
307-572 – 3/8”



NYLON FUEL LINE RETAINER CLIPS
ASSORTMENT NO. 020-401

30 pieces:

905-170 - 10	905-175 - 5	905-180 - 5
905-150 - 5	905-155 - 5	



ADAPTOR LINES
ASSORTMENT NO. 020-403

One of each adaptor lines,
6 of each pinch clamps

905-350	905-352
905-356	905-358
905-354	905-360
905-362	905-364
905-366	905-368
905-370	309-306
309-307	



SENDING UNIT REPAIR PARTS
ASSORTMENT NO. 022-229

Contains 1 of each:

905-312	905-412	905-418
905-304	905-405	905-305
905-314	905-406	905-414
905-420	905-313	905-413
905-319	905-419	905-404
905-352	905-356	905-350
905-360	905-362	905-364
905-366	905-368	905-370

FILTER LINE REPAIR PARTS
ASSORTMENT NO. 022-228

Contains 1 of each:

905-509	905-518	905-530
905-548	905-609	905-618
905-630	905-648	905-513
905-549	905-613	905-649
905-500	905-400	905-404
905-408	905-410	905-995
905-325	304-207	304-206
905-104	905-105	905-106

TRANSMISSION AND OIL COOLER LINE QUICK CONNECTORS

Part No.	Application
905-200	1996 up Ford, Lincoln, and Mercury
905-201	1993 up Ford with 3/8" Tube
905-202	1996 up GM CK Trucks
905-203	1996 up GM Cars & Trucks S/T and C/K
905-204	1996 up GM & Trucks S/T and C/K - 1998 up W-Body
905-205	1996 up GM Trucks
905-206	1996 up GM C/K Series Trucks Rear Wheel Drive - Engine Oil Cooler
905-207	1982-94 Ford various models with 5/16" Tube
905-208	All GM/Chrysler with 5/16" Tube
905-209	3/8" Quick Disconnect Tool
905-210	1/2" Quick Disconnect Tool
905-211	1982 up Ford with 5/16" Tube
905-212	1994 up GM Oil Cooler Connector w/ external O-Ring
905-213	1998 up GM Oil Cooler Connector
905-214	1994 up GM Oil Cooler Connector w/ external O-Ring



905-200 905-201 905-202



905-203 905-204 905-205



905-206 905-207 905-208



905-209 905-210 905-211



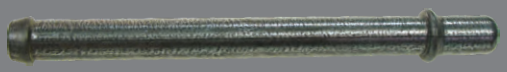
905-212 905-213 905-214

TRANSMISSION REPAIR LINES - ASSORTMENTS

SPECIAL FLARE TRANSMISSION REPAIR LINES – Fits most GM, Ford, and Chrysler vehicles.

Part No.	Description	Style
905-553	3/8" x 4"	A
905-555	5/16" x 4"	
905-554	3/8" x 4"	B
905-556	5/16" x 4"	

A



B



TRANSMISSION COOLER LINES

Individually Packaged

Part No.	Thread (Both Ends)	Inverted Tube Size x Length	Inverted Flare Nut Opposite End
DS512-GM	1/2-20	5/16" x 12" - Male	5/16" - Male
DS512-CHRY	1/2-20	5/16" x 12" - Female	5/16" - Female
DS530-GM	1/2-20	5/16" x 30" - Male	5/16" - Male
DS530-FORD	1/2-20	5/16" x 30" - Male	5/16" - Female
DS560-GM	1/2-20	5/16" x 60" - Male	5/16" - Male
DS560-CHRY	1/2-20	5/16" x 60" - Female	5/16" - Female
DS560-FORD	1/2-20	5/16" x 60" - Male	5/16" - Female
DS572-GM	1/2-20	5/16" x 72" - Male	5/16" - Male
DS572-CHRY	1/2-20	5/16" x 72" - Female	5/16" - Female



ASSORTMENTS



TRANSMISSION FITTINGS
ASSORTMENT NO. 020-414

15 piece assortment
One of each fitting

905-200	905-205	905-210
905-201	905-206	905-211
905-202	905-207	905-212
905-203	905-208	905-213
905-204	905-209	905-214



TRANSMISSION REPAIR LINES
ASSORTMENT NO. 020-412

38 piece assortment

4pc - 905-553	10pc - 307-571
4pc - 905-554	10pc - 307-572
4pc - 905-555	1pc - 905-209
4pc - 905-556	1pc - 905-210

COOLANT SYSTEM FITTINGS - ASSORTMENTS

QUICK CONNECT COOLANT SYSTEM CONNECTORS

Individually Packaged

Part No.	Application
905-001	1990 up GM Cars & Trucks with 5/8" Hose
905-002	1989 up GM Cars & Trucks with 3/4" Hose
905-003	1986 up Ford Cars & Trucks with 5/8" Hose/Tube
905-004	1986 up Ford Cars & Trucks with 3/4" Hose/Tube
905-006	1990 up Ford/Mazda Trucks with 3/4" Hose/Tube - 90 deg elbow
905-007	GM 3.1 Replacement for O.E. Plastic Fitting



905-001



905-002



905-003



905-004



905-006



905-007

HEATER HOSE CONNECTORS

Individually Packaged

Part No.	Hose Size (I.D.)
905-014	3/4" to 5/8"
905-019	1/2"
905-020	5/8"
905-021	3/4"



GM 3800 INTAKE/PLENUM REPAIR KIT

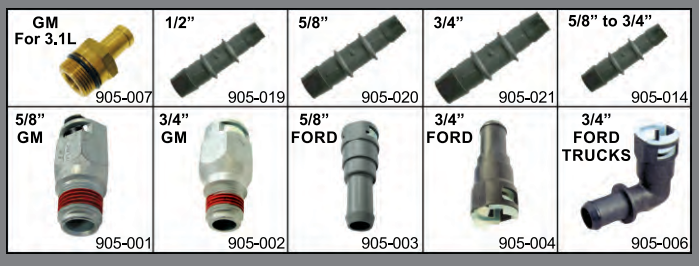
PART NO. 905-010



Efficient, cost effective solution for GM 3800 engines exhibiting sign/symptons of excessive coolant consumption and/or coolant leaks. Kit includes; 1 Plenum Repair Tube, 1 Intake Port Repair Tube, 1 Application Fast Cure Epoxy, and detailed instructions.

COOLANT SYSTEM FITTINGS

ASSORTMENT NO. 020-415



10 piece assortment

1pc - 905-001	1pc - 905-007
1pc - 905-002	1pc - 905-014
1pc - 905-003	1pc - 905-019
1pc - 905-004	1pc - 905-020
1pc - 905-006	1pc - 905-021

TOOL BOX



RATCHETING TUBE CUTTER

Part No.	Capacity
905-090	1/8" to 1/2" O.D.
905-091	1/4" to 7/8" O.D.



MINI TUBE CUTTER

Part No.	Capacity	Turning Radius
DTC-3	1/8" to 5/8" O.D.	1-5/8" Max.



MULTI-PURPOSE CUTTER

PART NO. DMPC-1

Ideal for cutting synthetic and rubber hose, nylon tubing, PVC pipe, and copper wire. Maximum capacity is 1-1/8" O.D.

BLADE ONLY
PART NO. DMPC-BLADE



3D HACKSAW

PART NO. 905-110

Restricted access settings goes over pipes, under pipes and around pipes. Uses standard 12" blades.



UNIVERSAL PINCH CLAMP

PART NO. 905-995

For installing pinch clamps on nylon tubing



MICRO-TORCH

PART NO. 905-832

Professional grade 1300c, adjustable flame, self igniting, refillable, hands free operation uses butane fuel hot enough to heat treat parts.



LEVER TYPE TUBE BENDER

PART NO. D406

Produce smooth accurate bends up to 180° in soft copper, steel, and stainless steel tube up to 3/8" O.D. Ergonomic 90° start angle maximizes leverage and minimizes bending effort. Features include cushion gripped handles and a built in vise mount. Unique oil absorbing, bending shoe helps to further minimize bending effort.