

HYDRAULIC SYSTEMS

Standard automotive flexible brake hoses are manufactured from synthetic rubber and reinforced with multiple layers of fabric braid. They were designed and developed for use with drum brake systems. When disc brakes were developed for racing cars, line pressure requirements increased considerably. With the larger and heavier cars, like Ford's GT-40s, enough of the available brake pedal travel was used up in expanding the flexible brake hoses so that there was insufficient pedal travel left for safe braking.



In the mid-1960s, Earl's pioneered the use of armored flex hose of extruded teflon to solve this problem. The stiffness of the teflon liner combined with the tightly woven high tensile stainless steel outer braid solved the pedal travel problem. By eliminating the line swell it also dramatically increased the firmness and feel of the brake pedal which allowed the drivers to modulate the brakes more efficiently. Improved abrasion resistance and increased temperature capacity are secondary advantages.

Since brake actuation produces high pressure with very little fluid displacement, we recommend -2 & -3 SPEED-FLEX™ for brake systems. Clutch actuation, on the other hand, requires moderate pressure but considerable displacement of fluid. For hydraulic clutch systems we recommend the use of -4 SPEED-FLEX™.

FUEL & LUBRICATION SYSTEMS

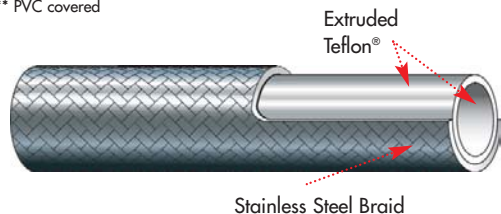
In recent years various fuel manufacturers have added any number of new unpublished additives to their blends rendering some of them incompatible with synthetic rubber lined hose. Earl's Speed-Flex™ Teflon™ lined stainless braided hose is impervious to any automotive fuel blend known to us and may be the best choice for use with modern racing gasolines. All SPEED-FLEX™ hoses are compatible with gasoline, hydrocarbon fuels, alcohols, nitro-methane, mineral and synthetic lubricants, and high density fuel additives. Size 6 and 8 are carbon lined to dissipate static electricity.

Some caution is necessary in the selection of armored Teflon™ hose. The teflon liner is manufactured in two wall thicknesses, commercial (.030") and aircraft specification (.040"), Earl's uses the thicker and stronger wall. There are also hoses in the marketplace manufactured in such a manner that the stainless braid is loose on the teflon liner. These hoses offer good pressure capacity but limited expansion resistance. **Earl's SPEED-FLEX™ hose is the standard of the industry.**

Hose Size AN	Hose I.D.		Hose O.D.		Max. Op. Press.		Min. Bend Radius		Bulk P/N	3ft./0.9M P/N	6ft./1.8M P/N	10ft./3.0M P/N	20ft./6.1M P/N	33ft./10.1M P/N
	(in)	(mm)	(in)	(mm)	(PSI)*	(Bar)*	(in)	(mm)						
-2	0.08	2.03	0.2	5.08	2000	137.86	1.5	38.1	600002ERL	603002ERL	606002ERL	610002ERL	620002ERL	633002ERL
-3	0.13	3.30	0.25	6.35	2000	137.86	1.5	38.1	600003ERL	603003ERL	606003ERL	610003ERL	620003ERL	633003ERL
-3**clear	0.13	3.30	0.29	7.73	2000	137.86	1.5	38.1	6000031ERL	6030031ERL	6060031ERL	6100031ERL	6200031ERL	6330031ERL
-3**smoke	0.13	3.30	0.29	7.73	2000	137.86	1.5	38.1	6000032ERL	6030032ERL	6060032ERL	6100032ERL	6200032ERL	6330032ERL
-4	0.19	4.83	0.44	11.18	2000	137.86	1.5	38.1	600004ERL	603004ERL	606004ERL	610004ERL	620004ERL	633004ERL
-6*	0.34	8.64	0.55	13.97	1500	103.40	4	101.6	600006ERL	603006ERL	606006ERL	610006ERL	620006ERL	633006ERL
-8*	0.56	14.22	0.65	16.51	1000	68.93	5	127	600008ERL	603008ERL	606008ERL	610008ERL	620008ERL	633008ERL

* Carbon lined for static dissipation.

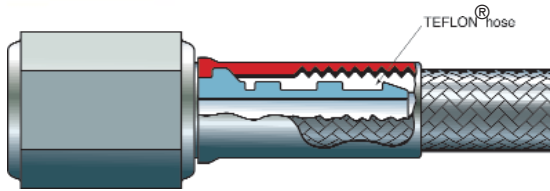
** PVC covered



When considering the replacement of stock rubber brake hoses with stainless braid-protected hose of extruded Teflon® you should consider the following facts:

Speed-Flex hose is intended for use with Speed-Seal hose ends only. No other Earl's hose end is intended for use with Speed-Flex hose. The use of other manufacturers hose ends is not recommended. The use of stainless braid protected teflon brake hose assemblies will result in a firmer brake pedal, improved brake pedal "feel" and better brake modulation. These hoses will not necessarily provide longer hose life or any other advantage. We have independent test lab reports on file showing that prototype assemblies exceeded D.O.T. recommendations in all categories. The only continuing test program however, is a 4000 P.S.I. hydrostatic pressure test of every assembly that we make. We do not claim that any individual hose assembly is certifiable to D.O.T. standards and we therefore must advise you that they are sold to be used on off-road applications only. We make no claim of useability or suitability for highway or road use. Teflon brake hoses must be installed by an experienced professional mechanic. After installation each hose must be both clean and free flowing. There must be no possibility that the installed hose assemblies can stretch, crimp or kink under any conditions of wheel travel and steering angle. As with any hose installation, periodic inspection of hose condition is essential.

BRAKE SYSTEMS



CONSTRUCTION: These factory assembled hoses are made from the same SPEED-FLEX™ stainless steel braid protected hose of extruded teflon that is the world wide standard of the racing industry for flexible brake, clutch and instrument hoses. Hoses are assembled with Earl's SPEED-FLEX™ crimp and/or swaged permanently installed hose ends. Each hose is pressure tested to 4,000 psi.

MAXIMUM OPERATING PRESSURE: 2,000 psi.

APPLICATION:

- Medium pressure hydraulic systems
- Flexible brake and clutch hoses
- Instrument hoses (most racing sanctioning bodies forbid the use of unarmored hoses in the cockpit area)
- Available in many configurations in lengths from 6" to 72"

Refer to the adapter section for adapter fittings, banjo bolts and plumbing accessories section for crush washers for use with these hoses.

*Teflon is a Du Pont trademark.

TEFLON® LINED HYDRAULIC MEDIUM PRESSURE HOSE ASSEMBLIES - OFF-ROAD/RACING



630101_ ERL

-3 AN female swivel both ends size 3 hose



See adapter section for banjo bolts

630102_ ERL

-3 AN female swivel to 10mm/3/8" Banjo** (.425 thick) size 3 hose



See adapter section for banjo bolts

630116_ ERL

-3 AN female swivel to 7/16" Banjo (.425 thick) size 3 hose



630117_ ERL

-3 AN female swivel straight to -3 female swivel 90° size 3 hose



See adapter section for banjo bolts

630202_ ERL

-10mm/3/8" banjo** (.425 thick) both ends size 3 hose



630405_ ERL

3/16" tube inverted flare (3/8-24) female to 3/16" inverted flare (3/8-24) male size 3 hose



630707_ ERL

10mm x 1 female to 10mm x 1 female size 3 hose



630710_ ERL

10mm x 1 female to 10mm x male size 3 hose



See adapter section for banjo bolts

631616_ ERL

7/16" banjo to 7/16" banjo (.425 thick) size 3 hose



641919_ ERL

-4 AN female swivel both ends size 4 hose



641515_ ERL

1/8" NPT male both ends size 4 hose

**For use with 10mm or 3/8-24 UNF Banjo Bolts.

_ERL = Hose length in inches



When considering the replacement of stock rubber brake hoses with stainless braid-protected hose of extruded teflon you should consider the following facts:

The use of stainless braid protected teflon brake hose assemblies will result in a firmer brake pedal, improved brake pedal "feel" and better brake modulation. These hoses will not necessarily provide longer hose life or any other advantage. We have independent test lab reports on file showing that prototype assemblies exceeded D.O.T. recommendations in all categories. The only continuing test program however, is a 4000 P.S.I. hydrostatic pressure test of every assembly that we make. We do not claim that any individual hose assembly is certifiable to D.O.T. standards and we therefore must advise you that they are sold to be used on off-road applications only. We make no claim of useability or suitability for highway or road use. Teflon brake hoses must be installed by an experienced professional mechanic. After installation each hose must be both clean and free flowing. There must be no possibility that the installed hose assemblies can stretch, crimp or kink under any conditions of wheel travel and steering angle. As with any hose installation, periodic inspection of hose condition is essential.

SPEED-SEAL™ HOSE ENDS

SPEED-SEAL™ hose ends are available in stainless steel, steel and anodized aluminum, in both low profile and bent tube construction and in adjustable and non-adjustable configurations. For use with SPEED-FLEX™ Smooth Bore Teflon™ Hose



STAINLESS		
HOSE SIZE	NUT SIZE	PART #
-2	2	6001902ERL
-2	3	6001923ERL



STAINLESS		
HOSE SIZE	NUT SIZE	PART #
-2	2	6045902ERL
-2	3	6045923ERL



STAINLESS		
HOSE SIZE	NUT SIZE	PART #
-2	2	6090902ERL
-2	3	6090923ERL

STRAIGHT FITTINGS



ALUMINUM		
HOSE SIZE	NUT SIZE	PART #
-3	3	600133ERL
-3	4	-
-4	4	600134ERL
-6	6	600136ERL
-8	8	600138ERL



STEEL	
HOSE SIZE	PART #
-3	600103ERL
-3	600143ERL
-4	600104ERL
-6	600106ERL
-8	-



STAINLESS	
HOSE SIZE	PART #
-3	600193ERL
-3	-
-4	600194ERL
-6	600196ERL
-8	-

NON-ADJUSTABLE LOW PROFILE 45°



STEEL		
HOSE SIZE	NUT SIZE	PART #
-3	3	-
-4	4	-



STAINLESS	
HOSE SIZE	PART #
-3	604403ERL
-4	604404ERL

ADJUSTABLE LOW PROFILE 45°



ALUMINUM		
HOSE SIZE	NUT SIZE	PART #
-3	3	604533ERL
-4	4	604534ERL
-6	6	604536ERL
-8	8	604538ERL



STEEL	
HOSE SIZE	PART #
-3	604503ERL
-4	604504ERL
-6	604506ERL
-8	-



STAINLESS	
HOSE SIZE	PART #
-3	604593ERL
-4	604594ERL
-6	604596ERL
-8	-

NON-ADJUSTABLE TUBE 45°



ALUMINUM		
HOSE SIZE	NUT SIZE	PART #
-3	3	604633ERL
-4	4	604634ERL



STEEL	
HOSE SIZE	PART #
-3	604603ERL
-4	604604ERL



STAINLESS	
HOSE SIZE	PART #
-3	604693ERL
-4	604694ERL

SPEED-SEAL™ HOSE ENDS

For use with SPEED-FLEX™ Smooth Bore Teflon™ Hose

ADJUSTABLE TUBE 45°



HOSE SIZE	NUT SIZE	ALUMINUM	STEEL	STAINLESS
		PART #	PART #	PART #
-3	3	604733ERL	604703ERL	604793ERL
-4	4	604734ERL	604704ERL	604794ERL
-6	6	604736ERL	604706ERL	604796ERL
-8	8	604738ERL	-	-

NON-ADJUSTABLE LOW PROFILE 90°



HOSE SIZE	NUT SIZE	STEEL	STAINLESS
		PART #	PART #
-3	3	608903ERL	608993ERL
-4	4	608904ERL	608994ERL

ADJUSTABLE LOW PROFILE 90°



HOSE SIZE	NUT SIZE	ALUMINUM	STEEL	STAINLESS
		PART #	PART #	PART #
-3	3	609033ERL	609003ERL	609093ERL
-4	4	609034ERL	609004ERL	609094ERL
-6	6	609036ERL	609006ERL	609096ERL
-8	8	609038ERL	-	-

NON-ADJUSTABLE TUBE 90°



HOSE SIZE	NUT SIZE	ALUMINUM	STEEL	STAINLESS
		PART #	PART #	PART #
-3	3	609133ERL	609103ERL	609193ERL
-4	4	609134ERL	609104ERL	609194ERL

ADJUSTABLE TUBE 90°



HOSE SIZE	NUT SIZE	ALUMINUM	STEEL	STAINLESS
		PART #	PART #	PART #
-3	3	609233ERL	609203ERL	609293ERL
-4	4	609234ERL	609204ERL	609294ERL
-6	6	609236ERL	609206ERL	609296ERL
-8	8	609238ERL	-	-

SPEED SEAL™ HOSE ENDS

For use with SPEED-FLEX™ Smooth Bore Teflon™ Hose

ADJUSTABLE TUBE 120°



HOSE SIZE	NUT SIZE	ALUMINUM PART #	STEEL PART #	STAINLESS PART #
-3	3	612133ERL	612103ERL	612193ERL
-4	4	612134ERL	612104ERL	612194ERL
-6	6	612136ERL	612106ERL	612196ERL
-8	8	612138ERL	-	-

ADJUSTABLE TUBE 180°



HOSE SIZE	NUT SIZE	ALUMINUM PART #	STEEL PART #	STAINLESS PART #
-3	3	618133ERL	618103ERL	618193ERL
-4	4	618134ERL	618104ERL	618194ERL
-6	6	618136ERL	618106ERL	618196ERL
-8	8	618138ERL	-	-

BRAKE SYSTEMS

ALUMINUM SPEED-SEAL: EARL'S ALUMINUM SPEED-SEAL HOSE ENDS ARE NOT RECOMMENDED FOR USE ON AUTOMOTIVE BRAKE SYSTEMS. AVOIDANCE OF OVER TORQUING IS ESPECIALLY IMPORTANT WITH ALUMINUM SOCKETS.



TO REDUCE brake line swell under extreme pressure and consequent loss of pedal travel and firmness, stainless braid protected hose of extruded teflon® (Earl's SPEED-FLEX) is used throughout the racing industry as flexible brake and clutch hoses. Earl's proven record of reliability and unmatched range of configurations has made SPEED-SEAL reusable hose ends the choice of professional race teams world wide. Since brake system hose ends are often subject to fatigue from extreme vibration, Earl's adjustable SPEED-SEAL -3 forged hose ends feature an 80% greater wall thickness than those of our competitors. In recent years various fuel manufacturers have added a number of new unpublished additives to their blends rendering some of them incompatible with synthetic rubber lined hose. Earl's Speed-Flex teflon lined stainless braided hose is impervious to any automotive fuel blend known to us and may be the best choice for use with modern racing gasolines. All SPEED-FLEX hoses are compatible with gasoline,

hydrocarbon fuels, alcohols, nitro-methane, mineral and synthetic lubricants, and high density fuel additives. Not recommended for use with any other manufacturers hose. (Not for use with any other Earl's hose.) Some caution is necessary in the selection of armored teflon hose. The teflon® liner is manufactured in two wall thicknesses, commercial (.030") and aircraft specifications (.040"), Earl's uses the thicker and stronger wall. There are also hoses in the marketplace manufactured in such a manner that the stainless braid is loose on the teflon liner. These hoses offer good pressure capacity but limited expansion resistance.

SPEED-SEAL hose ends are available in stainless steel, steel and anodized aluminum, in both low profile and bent tube construction and in adjustable and non-adjustable configurations.



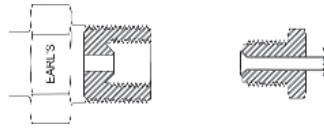
The high performance plumbing industry offers two wall thicknesses in stainless braid protected extruded teflon hose—Earl's utilizes the thicker and stronger .040 wall thickness. This means that Earl's SPEED-SEAL hose ends are not compatible with thin walled hose from other sources.

In order to adjust the radial positioning of Earl's adjustable SPEED-SEAL hose ends, first loosen the swivel nut approximately 1/2 turn. Adjust the hose end and then retighten the swivel nut. Do not attempt to adjust the hose end without loosening the swivel nut.

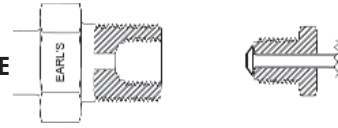
SPEED-SEAL™ HOSE ENDS

BRAKE SYSTEMS

CONVEX INVERTED FLARE



CONCAVE

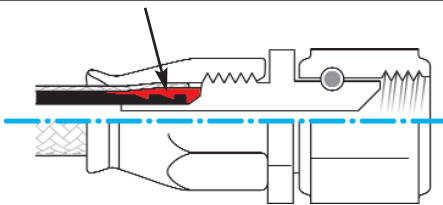


For use with SPEED-FLEX™ Smooth Bore Teflon™ Hose

	PART NO.	HOSE SIZE	THREAD SIZE
	640103ERL	3	Male 3/8-24 I.F.
	640203ERL	3	-3 AN Male Bulkhead
	640303ERL	3	Male 10mm x1 Convex (IF)
	640403ERL	3	Male 10mm x1.25 Concave
	640503ERL	3	Female 3/8-24 Convex (IF)
	640603ERL	3	Female 10mm x1 Convex (IF)

	PKG NO.	HOSE SIZE	THREAD SIZE
	640703ERL	3	Female 10mm x1.25 Convex (IF)
	640803ERL	3	Male 10mm x1 Long Concave
	640903ERL	3	Female 10mm x1 Convex (Honda)
	641003ERL	3	Female 10mm x1 Convex (Toyota)
	641103ERL	3	Female 10mm x1 Concave

REPLACEMENT OLIVES FOR SPEED-SEAL™ SMOOTH BORE TEFLON™ HOSE ENDS



NOTE: Olives for .040 wall hose only



Size	Brass Part No.	Alum. Part No.	Stainless Part No.
-2	699020ERL	—	699029ERL
-3	699030ERL	699033ERL	699039ERL
-4	699040ERL	699043ERL	699049ERL
-6	699060ERL	699063ERL	699069ERL
-8	-	699083ERL	-

SPEED-SEAL™ HOSE ENDS

BANJOS

**STRAIGHT
NON-ADJUSTABLE
SHORT**



HOSE SIZE	BANJO BOLT DIA.	.425" ALUMINUM			.425" STEEL			.425" STAINLESS		
		PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	
-3	3/8" or 10mm	600333ERL			600303ERL			600393ERL		
-3	7/16"	-			600343ERL			-		
-4	3/8" or 10mm	-			600341ERL			-		
-4	7/16"	-			600304ERL			-		

**STRAIGHT
NON-ADJUSTABLE
LONG**



HOSE SIZE	BANJO BOLT DIA.	.425" ALUMINUM			.425" STEEL			.425" STAINLESS		
		PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	
-3	3/8" or 10mm	600733ERL			600703ERL			600793ERL		
-3	7/16"	-			600743ERL			-		

**STRAIGHT
ADJUSTABLE
LONG**



HOSE SIZE	BANJO BOLT DIA.	.425" ALUMINUM			.425" STEEL			.425" STAINLESS		
		PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	
-3	3/8" or 10mm	600433ERL			600403ERL			600493ERL		

**20° BENT
NON-ADJUSTABLE
LONG**



HOSE SIZE	BANJO BOLT DIA.	.425" ALUMINUM			.425" STEEL			.425" STAINLESS		
		PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	
-3	3/8" or 10mm	600933ERL			600903ERL			600993ERL		
-3	7/16"	-			600943ERL			-		

**30° BENT
NON-ADJUSTABLE
LONG**



HOSE SIZE	BANJO BOLT DIA.	.425" ALUMINUM			.425" STEEL			.425" STAINLESS		
		PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	
-3	3/8" or 10mm	600833ERL			600803ERL			600893ERL		
-3	7/16"	-			600843ERL			-		

SPEED-SEAL™ HOSE ENDS

BANJOS

**30° BENT
ADJUSTABLE
LONG**



HOSE SIZE	BANJO BOLT DIA.	.425" ALUMINUM PART #	.425" STEEL PART #	.425" STAINLESS PART #
-3	3/8" or 10mm	600533ERL	600503ERL	600593ERL

**45° BENT
NON-ADJUSTABLE
LONG**



HOSE SIZE	BANJO BOLT DIA.	.425" ALUMINUM PART #	.425" STEEL PART #	.425" STAINLESS PART #
-3	3/8" or 10mm	601633ERL	601603ERL	601693ERL

**90° BENT
NON-ADJUSTABLE
LONG**



HOSE SIZE	BANJO BOLT DIA.	.425" ALUMINUM PART #	.425" STEEL PART #	.425" STAINLESS PART #
-3	3/8" or 10mm	601533ERL	601503ERL	601593ERL

**20° BENT
SIDE BENT
NON-ADJUSTABLE**



HOSE SIZE	BANJO BOLT DIA.	.425" ALUMINUM PART #	.425" STEEL PART #	.425" STAINLESS PART #
-3	3/8" or 10mm	601133ERL	601103ERL	601193ERL

**20° BENT
SIDE BENT
ADJUSTABLE**



HOSE SIZE	BANJO BOLT DIA.	.425" ALUMINUM PART #	.425" STEEL PART #	.425" STAINLESS PART #
-3	3/8" or 10mm	601233ERL	601203ERL	601293ERL

BRAKE SYSTEMS

SPEED-SEAL™ HOSE ENDS

BANJOS AND TEES

**8MM
STRAIGHT
NON-ADJ.
LONG**



PART NO.	HOSE SIZE	HEIGHT/MATERIAL	BANJO BOLT DIAMETER
601703ERL	-3	8mm/Steel	3/8" or 10mm

**8MM
30° BENT
NON-ADJ.
LONG**



PART NO.	HOSE SIZE	HEIGHT/MATERIAL	BANJO BOLT DIAMETER
601803ERL	-3	8mm/Steel	3/8" or 10mm



HOSE SIZE	MOUNT BOLT DIA.	ALUMINUM	STEEL	STAINLESS
-3	#10 or 3/16"	6453533ERL	6453503ERL	6453593ERL



HOSE SIZE	MOUNT BOLT DIA.	ALUMINUM	STEEL	STAINLESS
		PART #	PART #	PART #
-3	3/8" or 10mm	6453233ERL	6453203ERL	6453293ERL



HOSE SIZE	MOUNT BOLT DIA.	ALUMINUM	STEEL	STAINLESS
		PART #	PART #	PART #
-3	3/8" or 10mm	6453033ERL	6453003ERL	6453093ERL

NOTE: As listed Earl's offers many configurations of adjustable and non-adjustable Banjo hose ends in both the U.S. .425" and the U.K. and European 8mm heights. It is important to use the correct Banjo bolts for each height.

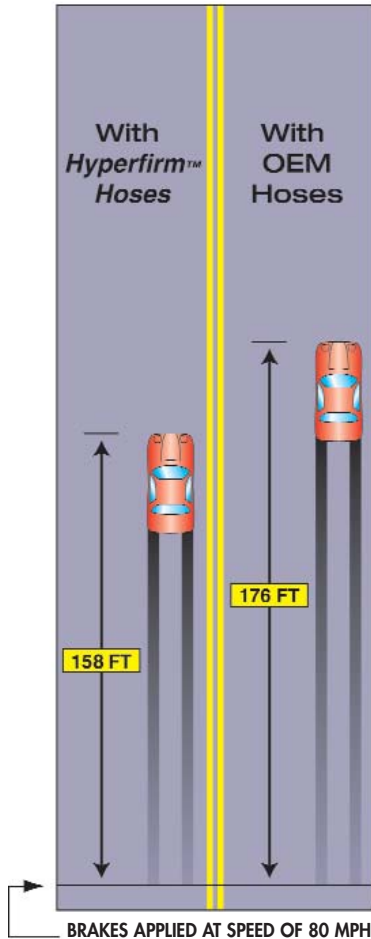


Aluminum SPEED-SEAL:
Earl's aluminum SPEED-SEAL hose ends are not recommended for use on automotive brake systems. Avoidance of over torquing is especially important with aluminum sockets.

HYPERFIRM™ BRAKE LINE KITS

BRAKE SYSTEMS

AVERAGE STOPPING DISTANCE



This illustration represents the results of our initial comparison testing. The vehicle used was a 1996 Toyota Supra, equipped with anti-lock brakes. Professional drivers were used on a closed course.



HYPERFIRM® brake hoses not only meet all D.O.T., T.U.V and J.W.A. standards and specifications for flexible brake hoses, including SAE J 1401 (Jan 81) and FMVSS 106-74-38 FR31302 1973. They are individually inspected and tested before shipment. Batch testing, the industry standard, is not acceptable at Earl's. Each individual hose assembly is pressure tested at 4000 psi after manufacture.

Serious race car owners have used flexible brake hoses of extruded Teflon™ for decades. They are protected against abrasion and swelling by a sheath of tightly braided stainless steel wire. The resistance to "line swell" both improves the firmness or "feel" of the brake pedal and reduces the time required for effective pressure to reach the brakes and begin to slow the car.

Equally important in street vehicles, improvement in pedal firmness and feel make brake modulation easier and more efficient—right up to the time that the anti-lock brake system is actuated. The familiar brake pedal "thump" of anti-lock brake systems is significantly reduced. The decreased system reaction time reduces stopping distance in emergency situations—as much as 18 feet at 80 miles per hour.

The Teflon™/stainless steel brake hoses have not been available for legal use on street driven vehicles until recently. All safety-related components on street vehicles must meet stringent requirements and tests set forth by the National Highway Traffic Safety Administration of the U.S. Department of Transportation. The most demanding test for brake hoses is the "whip test," designed to simulate the continuous flexing of the hoses during suspension and steering movement. Until Earl's developed and patented their exclusive "whip dampener," Teflon™/stainless steel hoses were not able to pass this extremely rigorous test.

The D.O.T. does not "approve" any products. It calls out specifications and test procedures that the components must meet. The manufacturers then self-certify that they are in compliance. The D.O.T. may randomly require that components be tested by an independent certified laboratory selected by the D.O.T.

CERTAIN HYPER FIRM BRAKE HOSE ASSEMBLIES ARE COVERED BY US PATENT NO. 5,908,090.

HYPERFIRM™ BRAKE LINE KITS

BRAKE SYSTEMS

ACURA

Integra	94	All	28J020ERL
Integra	90-93	All	28J010ERL
CL 2.2/2.3/3.2	97-99	All	28L250ERL
CL 3.0	97	All	28L300ERL
NSX	91-96	All	28J030ERL

AUDI

4000S	83-85	4 whl Disc, exc. Quattro	28M050ERL
Coupe	86-87	4 whl Disc	28M050ERL
80, exc. Quattro	88-89	4 whl Disc	28M070ERL
90, exc. Quattro	88-89	4 whl Disc	28M070ERL

BUICK

Century, Regal,	77	All	28A100ERL
Skylark	79		28A110ERL
Skylark	77-78		28A100ERL
Skylark/Special,	69-72	4w drum	28A470ERL
Skylark/Special,	69-72	front disc	28A480ERL

CHEVROLET

Camaro	98-99	4 Wheel Disc	28A460ERL
Camaro	93-97	Front discs	28A020ERL
Camaro	93-97	4-wh. discs	28A030ERL
Camaro	85-92	Perform. Pkg. 4-wh. discs	28A190ERL
Camaro	84-92	Front discs	28A180ERL
Camaro	85-88	4-wh. discs, Excl Hi Perf.	28A520ERL
Camaro	84	4-wh. discs	28A510ERL
Camaro	82-83	Front discs	28A090ERL
Camaro	79-81	Front discs	28A110ERL
Camaro	77-78	Front discs, excl Hi Perf.	28A100ERL
Camaro	74-76	Front discs	28A170ERL
Camaro	72-73	Front discs	28A200ERL
Camaro	70-71	Front discs	28A210ERL
Camaro	69	All drums	28A150ERL
Camaro	69	Front discs	28A160ERL
Camaro	68	Front discs	28A220ERL
Camaro	68	4 Wheel Drum	28A450ERL
Camaro	67	All drums	28A120ERL
Camaro	67	Front discs	28A130ERL
Chevelle	68-72	4w drum	28A470ERL
Chevelle	68-72	front disc	28A480ERL
Corvette	97-98	All	28A040ERL
Corvette,	93-96	All	28A010ERL
Corvette	88-92	All	28A050ERL
Corvette	84-87	All	28A080ERL
Corvette	84-87	All	28A080ERL
Corvette	63-66	exc HD Susp	28A070ERL
Corvette	53-62	All	28A060ERL
El Camino	77	All	28A100ERL
Impala SS	94-96	4-wh. discs	28A140ERL
Malibu	77	All	28A100ERL
Monte Carlo	77	All	28A100ERL
Monte Carlo	70-72	All	28A480ERL
Nova	77-78	All	28A100ERL
Nova	79	All	28A110ERL
Nova	70-72	4 Wheel Drums	28A150ERL
Nova	70-72	Front Discs	28A160ERL

CHEVROLET & GMC TRUCKS

Pick up C-1500	88-98	4x2 excl Diesel	28A230ERL
Pick up C-10/R-10	81-87	4x2, 4900-560 GVW, excl Diesel	28A240ERL
Pick up C-10/R-10	81-87	4x2, Diesel and HD opt.	28A250ERL
Pick up C-10	79-80	4x2, all;	28A250ERL
Pick up C-2500	92-99	4x2, 7200 GVW	28A390ERL
Pick up C-2500	89-92	4x2, 8600 GVW	28A390ERL
Pick up C-20/R-20	81, 83-88	4x2, up to 7200 GVW	28A250ERL
Pick up C-3500	90-91	4x2, w/single rear wheels,	28A390ERL
Pick up C-3500	88-89	4x2, all	28A390ERL
Pick up C-30	81-86	4x2, all;	28A400ERL
Pick up C-30	74-80	4x2, HD opt., 9000-10000 GVW	28A400ERL
Pick up K-1500	88-98	4x4;	28A260ERL
Pick up K-10/V10	81-87	4x4;	28A270ERL
Pick up K-10	79-80	4x4, up to 6800GVW	28A280ERL
Pick up K-2500	88-98	4x4, excl. 89-98 w/8600 GVW	28A260ERL
Pick up K-2500	89-94	4x4, w/8600 GVW	28A320ERL
Pick up K-20	81-87	4x4, 8600GVW, excl. Diesel	28A310ERL
Pick up K-20	81-86	4x4, 6600-6800 GVW,	28A270ERL
Pick up K-20	79-80	4x4, up to 6800GVW	28A280ERL
Pick up K-3500	90-94	4x4, w/single rear wheels	28A320ERL
Pick up K-3500	88-89	4x4, all	28A320ERL
Pick up R-30	87-91	4x2, all	28A400ERL
Pick up S-10	94	excl High Wide Pkg	28A340ERL
Pick up S-10	92-93	4x2	28A340ERL
Pick up S-10	91	4x2, w/Interim Design Change	28A330ERL
Pick up S-10	82-91	4x2, Before Design Change	28A290ERL
Tahoe C-1500	95-98	4x2	28A230ERL
Blazer C-10	79-82	4x2, all	28A250ERL
Blazer K-10/V10	81-91	4x4	28A270ERL
Blazer K-10	79-80	4x4 up to 6800GVW	28A280ERL
Blazer S-10	Late 91-93	4x2, w/Interim Design Change	28A340ERL
Blazer S-10	82-91	4x2, Before Design Change	28A290ERL
Silverado	99-03	2WD 3 line kit	28A660ERL
Suburban	99-03	2WD 5 line kit	28A640ERL
Suburban/Yukon XL	00-03	2WD	28A650ERL
Suburban C-1500	92-99	4x2, excl. Diesel	28A230ERL
Suburban C-10/R-10	79-91	4x2, all;	28A250ERL
Suburban C-2500	92	4x2, 8600 GVW;	28A390ERL
Suburban C-20	81, 83-88	4x2, up to 7200 GVW	28A250ERL
Suburban K-1500	94	4x4, Diesel	28A320ERL
Suburban K-1500	92-94	4x4, excl. 94 Sub w/Diesel	28A260ERL
Suburban K-10/V-10	81-91	4x4	28A270ERL
Suburban K-10	79-80	4x4, up to 6800GVW	28A280ERL
Suburban K-2500	92-94	4x4, 8600GVW	28A320ERL
Suburban V-20	88-91	4x4, all	28A310ERL
Suburban V-20	87	4x4, 8600 GVW	28A310ERL
Suburban K-20	82-86	4x4, all	28A310ERL
Suburban K-20	81	4x4, 6800 GVW	28A270ERL
Suburban K-20	81	4x4, above 7300 GVW	28A310ERL
Suburban K-20	79-80	4x4, up to 6800 GVW	28A280ERL
Astrovan	90-99	4x4	28A580ERL
Astrovan	00-01	2WD	28A530ERL
Astrovan	00-01	AWD	28A540ERL

CHRYSLER

Sebring	95-98	rear drum, exc. 98 Conv.	28K070ERL
Sebring, exc. Conv.	95-98	rear disc	28K080ERL
Sebring, Conv.	95-97	rear drum	28K070ERL
Sebring, Conv.	95-96	rear disc	28K080ERL

HYPERFIRM™ BRAKE LINE KITS

BRAKE SYSTEMS

DODGE & DODGE TRUCKS

D150 P/U	89-93	4x2;	28H040ERL
D100/150 P/U	82-88	4x2;	28H030ERL
D250 P/U	89-93	4x2;	28H040ERL
D250 P/U	84-88	4x2;	28H030ERL
D350 P/U	89-93	4x2	28H040ERL
D350 P/U	82-88	4x2	28H030ERL
AD 150 Ramcharger	90-93	4x2;	28H040ERL
AD 150 Ramcharger	84-89	4x2;	28H030ERL
AW 150 Ramcharger	89-93	4x4;	28H110ERL
AW 150 Ramcharger	85-88	4x4;	28H100ERL
AW 150 Ramcharger	82-84	4x4;	28H090ERL
AW100/150 Ramcharger	76-81	4x4;	28H080ERL
W150 P/U	89-93	4x4;	28H110ERL
W150 P/U	85-88	4x4;	28H100ERL
W150 P/U	82-84	4x4;	28H090ERL
W100/150 P/U	76-81	4x4;	28H080ERL
W250 P/U	89-93	4x4, excl 4500 Front Axle	28H110ERL
W250 P/U	85-88	4x4, excl 4500 Front Axle	28H100ERL
W250 P/U	82-84	4x4, excl 4500 Front Axle	28H090ERL
W250 P/U	76-81	4x4, excl 4500 Front Axle	28H080ERL
W350 P/U	90	4x4, excl 4500 Front Axle	28H110ERL
W350 P/U	84-88	4x4, excl 4500 Front Axle	28H100ERL
W350 P/U	82-83	4x4, excl 4500 Front Axle	28H090ERL
Avenger	95-98	rear drum	28K070ERL
Avenger	95-98	rear disc	28K080ERL
Stealth	92-94	4x2	28K090ERL
Stealth	91	4x2, turbo, ABS	28K090ERL

EAGLE

Talon	97-98	rear drum	28K070ERL
Talon	97-98	4w disc	28K080ERL
Talon	95-96	All	28K080ERL
Talon	92-94	2 Wheel Drive	28K020ERL
Talon	92-94	4 Wheel Drive	28K040ERL

FIAT

X1/9	All		28S010ERL
124	69-85		28S020ERL
850	All		28S030ERL

FORD

Contour	95-96	Front discs	28B110ERL
Escort GT	91-96		28B530ERL
Fairmont	80-82	Police Option	28B140ERL
Fairmont	83	All	28B140ERL
Fairmont	79-82	exc. Police Option	28B150ERL
Granada	81-82	All	28B150ERL
LTD	83-84	All	28B140ERL
Mustang	05	4 WH. disc	28B600ERL
Mustang	94-95	exc. Cobra	28B010ERL
Mustang	94-95	Cobra	28B020ERL
Mustang	89-93	V-8 & Front discs	28B040ERL
Mustang	87-88	Front discs & Dual exhaust	28B050ERL
Mustang	86	Front discs (not SVO) with V-8 & Dual Exhaust	28B060ERL
Mustang	86	4-wh. discs SVO	28B070ERL
Mustang	85	Front discs (not SVO) with V-8 & Dual Exhaust	28B080ERL
Mustang	85	4-wh. discs SVO	28B090ERL
Mustang	84	Front discs (not SVO)	28B100ERL
Mustang	(from 5/84) 84	SVO, 4w Disc	28B120ERL
Mustang	84 Early	4-wh. discs SVO	28B130ERL
Mustang	83	exc. Non-Turbo 4 cyl.	28B140ERL
Mustang	82	Front discs	28B150ERL
Thunderbird	80-82	All	28B150ERL
Taurus	94-95	SHO	28B460ERL

FORD TRUCK

F150	05	2WD	28B590ERL
F150 PU EXT. PU	97-03	2WD	28B520ERL
F150 PU	94-96	4x2	28B030ERL
F150 PU	94-96	4x4	28B250ERL
F150 PU	92-93	4x2	28B210ERL
F150 PU	92-93	4x4	28B240ERL
F150 PU	90-91	4x2	28B200ERL
F150 PU	90-91	4x4	28B230ERL
F150 PU	80-89	4x2	28B190ERL
F100/F150 PU	80-Mid 89	4x4	28B220ERL
F250 P/U	80-85	4x2, single piston cal.	28B190ERL
Bronco	94-96	4x4, Full size	28B280ERL
Bronco	93	4x4, Full size	28B270ERL
Bronco	90-92	4x4, Full size	28B200ERL
Bronco	80-89	4x4, Full size	28B190ERL
Bronco	76-77	4x4	28B300ERL
Bronco	71-75	4x4	28B290ERL
Bronco	67-70	4x4	28B260ERL
Bronco I	90	All	28B350ERL
Bronco I	89	All	28B340ERL
Bronco I	87-88	4x4	28B320ERL
Bronco I	86-88	4x2	28B330ERL
Bronco I	86	4x4	28B310ERL
Explorer	93-94	All	28B380ERL
Explorer	Late 92	All	28B370ERL
Explorer	91-Early 92	All	28B360ERL
Ranger	90-94	4x2	28B450ERL
Ranger	89	4x2	28B440ERL
Ranger	87-88	4x2	28B420ERL
Ranger	86	4x2	28B330ERL
Ranger	83-85	4x2	28B420ERL
Ranger	Late 92-94	4x4	28B370ERL
Ranger	91-Early 92	4x4	28B360ERL
Ranger	87-88	4x4 w/ STX or Ride Hgt.	28B320ERL
Ranger	86-88	4x4 excl. STX or Ride Hgt.	28B330ERL
Ranger	83-85	4x4	28B390ERL
Ranger	90	4x4	28B410ERL
Ranger	89	4x4	28B400ERL

HONDA

Accord	98-99	2 Dr & 4 Dr w/rear Drums	28L150ERL
Accord	98-99	2 Dr & 4 Dr W/4 Wheel disc	28L160ERL
Accord	97	2 Dr Ex	28L250ERL
Accord	95-97	All excl w/ABS	28L260ERL
Accord	95-97	4Dr w/ABS	28L300ERL
Accord	95-96	2Dr LX w/ABS	28L300ERL
Accord	95-96	EX	28L300ERL
Accord	94	2Dr & 4 Dr excl EX	28L260ERL
Accord	94	2Dr & 4Dr w/ABS excl LX	28L290ERL
Accord	90-93	All	28L010ERL
Civic	99	Si	28L240ERL
Civic	96-99	2 Door DX & HX	28L220ERL
Civic	96-99	3 Door All	28L220ERL
Civic	96-99	4 Door excl w/ABS	28L220ERL
Civic	96-99	2 Door excl EX w/ABS	28L220ERL
Civic	92-95	All w/4 wheel Disc	28J020ERL
Civic	92-95	All excl w/ABS	28L280ERL
Civic	89-91	Rear Drums	28L040ERL
Civic	90-91	4 Door EX	28L210ERL
Civic	92-95	All w/4 wheel Disc	28L050ERL
CRX	90-91	Si	28L030ERL
CRX	89-91	Rear Drums	28L040ERL

HYPERFIRM™ BRAKE LINE KITS

BRAKE SYSTEMS

HONDA

De Sol	96-97	VTEC All	28L200ERL
De Sol	93-97	S	28L190ERL
De Sol	94-95	VTEC Si w/ABS	28L200ERL
De Sol	94-97	Si	28L270ERL
Prelude	97-99	excl SH	28L180ERL
Prelude	92-96	All	28L020ERL
S2000	00-01	All	28L330ERL

INFINITY

Infinity G35 Coupe	03	includes Brembo	28C180ERL
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JEEP

Wrangler	3/94-95	All	28Q090ERL
Wrangler	90-92	All	28Q080ERL
Wrangler	93-2/94	w/o ABS	28Q080ERL
Wrangler	87-89	All 4 W/D	28Q070ERL
CJ-6,7,8	82-86		28Q060ERL
CJ-5	84-86		28Q060ERL
CJ-5	82-83		28Q050ERL
CJ	81	All	28Q040ERL
CJ	79-80	All	28Q030ERL
CJ	78	hose w/round end	28Q020ERL
CJ	77	Front Disc	28Q020ERL
CJ	76-77	4w Drum	28Q010ERL
Full Size Cherokee	94-96	All	28Q190ERL
Mid Size Cherokee	92-93	4-WD	28Q190ERL
Mid Size Cherokee	92-93	2-WD	28Q180ERL
Mid Size Cherokee	91	2-WD	28Q170ERL
Mid Size Cherokee	90-91	4-WD	28Q160ERL
Mid Size Cherokee	90	2-WD	28Q150ERL
SJ Cherokee	79-91	Full Size, exc.79-84 Wide Trac	28Q120ERL
SJ Cherokee	76-78	Full Size, Front Disc	28Q110ERL
SJ Cherokee	74-75	SJ Full Size, Front Disc	28Q100ERL
Mid Size Cherokee	86-89	All	28Q140ERL
Mid Size Cherokee	84-85	All	28Q130ERL
SJ Grand Wagoneer	79-91	Full Size, exc.79-84WideTrac	28Q120ERL
SJ Grand Wagoneer	76-78	Full Size, Front Disc	28Q110ERL
SJ Grand Wagoneer	74-75	SJ Full Size, Front Disc	28Q100ERL
SJ Wagoneer	74-75	SJ Full Size, Front Disc	28Q100ERL
SJ Wagoneer	76-78	Full Size, Front Disc	28Q110ERL
SJ Wagoneer	79-91	Full Size,excl,79-84 WideTrac	28Q120ERL

MAZDA

RX-8	04	All	28i170ERL
626-MX-6	81-82	rear drum	28i090ERL
Navajo	91-Early 92	All	28B360ERL

MERCURY

Capri	80-81	excl Non Turbo 4cyl.	28B160ERL
Capri	79	V-8	28B170ERL
Cougar	80-82	XR7	28B170ERL
Zepher	79-82	exc. Police Option	28B170ERL
Zepher	80-82	Police Option	28B140ERL
Zepher	83	All	28B140ERL

MITSUBISHI

Eclipse	89-(5/90)	excl 4x4	28K010ERL
Eclipse	(after 5/90)-91	excl 4x4	28K020ERL
Eclipse	90-94	4x4	28K040ERL
Eclipse	95-97	rear drum	28K070ERL
Eclipse	95-97	4w Disc	28K080ERL
Lancer EVO8	04		28K120ERL
3000 GT	91-93	Excl All Wheel Drive	28K090ERL

NISSAN

350 ZX	03	Incl. Brembo	28C180ERL
300 ZX	90-96	All	28C010ERL
300 ZX	84-89	All	28C020ERL
280 ZX	82-83	All	28C030ERL
280 ZX	79-81	All	28C040ERL
240, 260, 280-Z	70-78	All	28C050ERL
240 SX	89-94	w/ ABS	28C080ERL
200 SX	84-88	4-cyl. w/o Turbo	28C060ERL
200 SX	84-88	4-cyl. w/ Turbo	28C070ERL
Maxima	95-97	4w Disc	28C170ERL
NX 1600	91	4w Disc	28C090ERL
NX 2000	91	4w Disc	28C090ERL
Sentra	91	2dr, 2.0L,Nichirin type Hose	28C090ERL
Sentra	92-94	4w Disc & Nichirin Hose	28C090ERL

OLDSMOBILE

Cutlass	77	All	28A100ERL
Cutlass, F-85, 442	72	4w drum	28F020ERL
Cutlass, F-85, 442	72	front disc	28F030ERL
Cutlass, F-85, 442	69-71	front disc	28A480ERL
Cutlass, F-85, 442	68-71	4w drum	28A470ERL
Omega	79	All	28A110ERL
Omega	77-78	All	28A100ERL
Vista Cruiser	77	All	28A100ERL

PLYMOUTH

Laser	92-94	excl 4x4	28K020ERL
Laser	92-94	4x4	28K040ERL
Trail Duster	76-81	4 Wheel Dr.	28H080ERL

PONTIAC

Firebird	89-92	w/ 4-wh. Discs	28A300ERL
Firebird	85-92	Perform. Pkg. 4-wh. discs	28A190ERL
Firebird	84-92	Front discs	28A180ERL
Firebird	82-83	Front discs	28A090ERL
Firebird	79-81	Front Disc	28A110ERL
Firebird	77-78	Front discs	28A100ERL
Firebird	74-75	Front discs	28A170ERL
Firebird	72-73	Front discs	28A200ERL
Firebird	69	Front Disc	28A160ERL
Firebird	69	4w drums	28A220ERL
Grand AM	77	All	28A100ERL
Le Mans	77	All	28A100ERL
Lemans, GTO	71-72	front disc	28F030ERL
Lemans, 442	69-72	front disc	28A480ERL
Lemans, GTO	69-71	4w drum	28A470ERL
Phoenix	77-78	All	28A100ERL
Phoenix	79	All	28A110ERL
Ventura, Ventura II	72		28A150ERL

HYPERFIRM™ BRAKE LINE KITS

BRAKE SYSTEMS

PORSCHE

911 Porsche	84-88	All	28E020ERL
911 Porsche	69-83	All	28E010ERL
924 Porsche	86-88	All	28E040ERL
924 Porsche	77-82	w/ Sport Equipment	28E040ERL
928 Porsche	82-95	All	28E060ERL
944	89-91	excl. Turbo;	28E080ERL
944	87-88	All;	28E080ERL
944	86	excl Turbo	28E040ERL
944 Porsche	83-85	All	28E040ERL
968	92-94	excl. Sport Suspension	28E080ERL

SUBARU

WRX	01-03		28V010ERL
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TOYOTA

MR-2	91-94		28G020ERL
MR-2	85-89		28G010ERL
Supra	93-95		28G040ERL
Supra	Mid 86-92		28G030ERL
Celica	92-93	ST & GT Convertible	28G050ERL
Celica	92-93	GT Coupe & GT-S	28G060ERL

TOYOTA TRUCK

Pick-up	95-97	Tacoma	28G120ERL
T-100	93-95	4x4	28G110ERL
Pick-up	89-95	4x4 / not Tacoma	28G100ERL
Pick-up	89-95	4x2, 1/2 ton,	28G170ERL
Pick-up	86-88	4x4	28G090ERL
Pick-up	84-88	4x2, 1/2 ton,	28G160ERL
Pick-up	84-85	4x4	28G080ERL
Pick-up	84	4x2, 3/4 ton	28G160ERL
Pick-up	79-83	4x4	28G070ERL
Pick-up	79-83	4x2,1/2 ton	28G140ERL
Pick-up	79-83	4x2, 3/4 ton	28G150ERL
Pick-up,Heavy	89-91	All 1 ton	28G170ERL

TOYOTA TRUCK

Pick-up,Heavy	85-88	All 1 ton	28G160ERL
Pick-up,Heavy	84	All	28G160ERL
4-Runner	(from 4/89)-95		28G130ERL
4-Runner	86-Mid 89		28G090ERL
4-Runner	84-85		28G080ERL

VOLKSWAGEN

Karmann Ghia	61-66	All	28M010ERL
Karmann Ghia	67	All	28M090ERL
Karmann Ghia	68 & Later	stick shift	28M090ERL
Beetle	68 & Later	excl.AutoTrans,Super Beetle	28M180ERL
Beetle	67-68	All	28M030ERL
Beetle	65-66	All	28M020ERL
Beetle	54-64	All	28M010ERL
Type II (Transporter)	61-67	All	28M020ERL
Type III	64-66	All	28M030ERL
Type IV	71-74	All	28M130ERL
Rabbit (Westmoreland)	(from 4/79)-84	All	28M040ERL
Rabbit	(from 11/78)-80	w/ATE type	28M040ERL
Scirocco	(from 11/78)-80	w/ATE type	28M040ERL
Scirocco	84-85	All	28M040ERL
Scirocco	89-93	excl. 16 valve	28M060ERL
Scirocco	88	16 valve	28M070ERL
Jetta	80-84	w/ATE type	28M040ERL
Jetta	85-86	GLI 4 wheel Disc	28M050ERL
Jetta	87-88	4 wheel Disc	28M070ERL
Rabbit Conv.	84-85	All	28M040ERL
Cabriolet	86	All	28M040ERL
Cabriolet	87-93	All	28M060ERL
Fox	87-93	excl. SW	28M080ERL
Golf	87-91	GTI	28M070ERL
Golf	85-86	excl. GTI	28M040ERL
Golf	85-86	GTI 4 wheel Disc	28M050ERL
Jetta	87-89	Rear Drum	28M060ERL
Jetta	85-86	excl. GLI	28M040ERL



HYPERFIRM™ U-SPEC-IT™ KITS

BRAKE SYSTEMS

The U-SPEC-IT™ System is designed to reduce the inventory requirements of the dealer or installer. Each hose assembly is certified by Earl's to pass all D.O.T. test requirements of SAE J 1401 for an assembly of its specific length.

Brake hoses not only meet all D.O.T., T.U.V. and J.W.A. standards and specifications for flexible brake hoses including SAE J 1401 (Jan 81) and FMVSS 106-74-38 FR31302 1973, they are individually inspected and tested before shipment. Batch testing, the industry standard, is not acceptable at Earl's. Each individual hose assembly is pressure tested at 4000 psi after manufacture.



It remains the responsibility of the installer to select the proper hose length and the correct adapter fittings for a specific application. Be absolutely certain that the mechanic doing your installation is qualified to do the job.

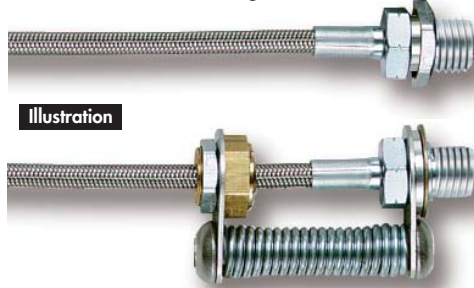
EARL'S HYPERFIRM® flexible brake hoses offer several performance advantages:

- Firmer brake pedal, allowing better brake modulation and improved vehicle control
- Significant reduction of stopping distance during emergency braking conditions
- Anti-lock braking system pedal "thump" is significantly reduced.

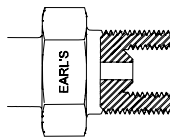
DOT BRAKE ADAPTERS CAN BE FOUND ON PAGES 55-57

BRAKE SYSTEMS

STYLE A - Available in lengths of 9"-11" & 18"-28"

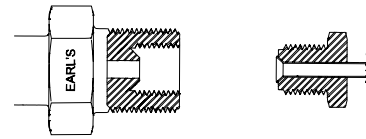


280103_ ERL



3/8"-24 INVERTED FLARE, FEMALE CHASSIS MOUNT

280104_ ERL



10MM X 1.0 INVERTED FLARE, FEMALE CHASSIS MOUNT

STYLE B - Available in lengths of 12"-17"

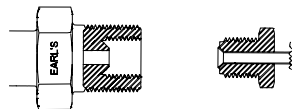
_ERL = length of hose in inches

NOTE:

12" to 17" brake hoses include Earl's patented whip dampener.

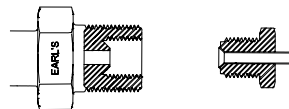
All hoses are supplied with a female AN-3 on one end.

280105_ ERL



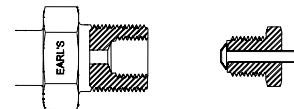
10MM X 1.25 INVERTED FLARE, FEMALE CHASSIS MOUNT

280106_ ERL



7/16"-24 INVERTED FLARE, FEMALE CHASSIS MOUNT

280107_ ERL



10MM X 1.0 BUBBLE FLARE, FEMALE CHASSIS MOUNT

BRAKE SYSTEMS



Brake bleeding has always been an inconvenient and messy job. Commercial shops typically use an expensive pressure bleeder—which, unless used properly, can introduce air bubbles into the system through cavitation. Vacuum bleeders are less expensive but can also introduce air into the system.

The time honored manual method (still universally used in racing) requires two people: one to pump the pedal, and another to open and close each bleed screw in sequence. Again, proper procedure and coordination are required to prevent air inclusion.

Earl's **SOLO-BLEED™** bleeder screws solve both problems. A direct replacement for the original equipment bleeders, **SOLO-BLEED™** allows one person to safely bleed brakes without a mess and with no chance of air inclusion.

SAE

PART NO REPLACES FOLLOWING DIAM. & LENGTH	
280023ERL	1/4"-28 x 59/64" Thread SOLO-BLEED (pair)
280043ERL	1/4"-28 x 1-1/4" Thread SOLO-BLEED (pair)
280035ERL	5/16"-24 x 1" Thread SOLO-BLEED (pair)
280032ERL	5/16"-24 x 1-3/16" Thread SOLO-BLEED (pair)
280021ERL	3/8"-24 x 1-11/64" Thread SOLO-BLEED (pair)
280033ERL	3/8"-24 x 1-1/2" Thread SOLO-BLEED (pair)
280037ERL	3/8"-24 x 1-1/2" Thread SOLO-BLEED (pair)
280036ERL	7/16"-24 x 1-15/32" Thread SOLO-BLEED (pair)
280030ERL	7/16"-20 x 1-1/4" Thread SOLO-BLEED (pair)
280034ERL	7/16"-20 x 1-11/16" Thread SOLO-BLEED (pair)
280045ERL	7/16"-20 x 2-1/8" Thread SOLO-BLEED (pair)
280046ERL	7/16"-20 x 2-5/8" Thread SOLO-BLEED (pair)

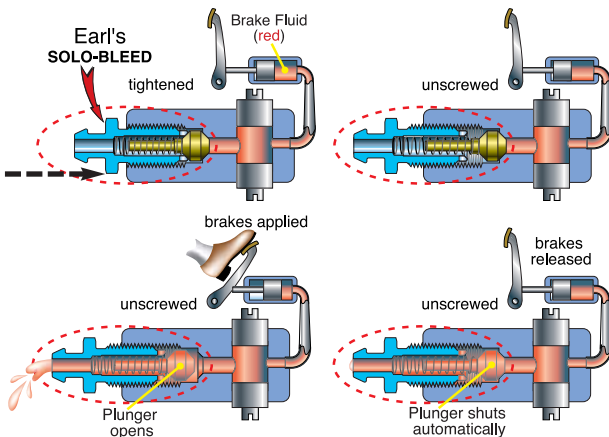
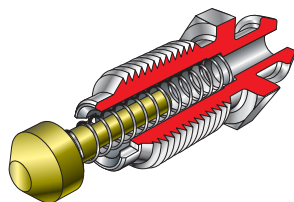
METRIC

PART NO REPLACES FOLLOWING DIAM. & LENGTH	
280031ERL	6mm x 1.0 x 37mm Thread SOLO-BLEED (pair)
280025ERL	7mm x 1.0 x 34mm Thread SOLO-BLEED (pair)
280027ERL	8mm x 1.0 x 25mm Thread SOLO-BLEED (pair)
280024ERL	8mm x 1.25 x 23mm Thread SOLO-BLEED (pair)
280022ERL	10mm x 1.0 x 27mm Thread SOLO-BLEED (pair)
280040ERL	10mm x 1.0 x 32mm Thread SOLO-BLEED (pair)
280041ERL	10mm x 1.0 x 35mm Thread SOLO-BLEED (pair)
280039ERL	10mm x 1.0 x 38mm Thread SOLO-BLEED (pair)
280047ERL	10mm x 1.0 x 54mm Thread SOLO-BLEED (pair)
280028ERL	10mm x 1.25 x 33mm Thread SOLO-BLEED (pair)
280029ERL	10mm x 1.5 x 27mm Thread SOLO-BLEED (pair)

How SOLO-BLEED™ works:



Must be in this Position during operation of vehicle!



PART NO.	APPLICATION	YEARS	SIZE	
280022ERL	Acura	86-89	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280028ERL	Acura	86-94	10mm x 1.25 Thread, 33mm length	Front & Rear
280024ERL	Acura	91-94	8mm x 1.25 thread, 23.5mm length	Slave Cyl.
280022ERL	Alfa Romeo	81-89	10mm x 1.0 Thread, 38.5mm length	Front
280025ERL	Alfa Romeo	82-91	7mm x 1.0 thread, 32 mm length	Front & Rear
280023ERL	AMC	61-83	1/4"-28 Thread, 59/64" length	Front & Rear
280021ERL	AMC	61-88	3/8"-24 Thread, 1 11/64" length	Front & Rear
280021ERL	AMC	72-78	3/8"-24 Thread, 1 11/64" length	Front & Rear
280024ERL	AMC	79-89	8mm x 1.25 thread, 23.5mm length	Front & Rear
280029ERL	AMC	79-89	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280025ERL	Audi	68-93	7mm x 1.0 thread, 32 mm length	Front & Rear
280029ERL	Audi	75-91	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280022ERL	Audi	89-97	10mm x 1.0 Thread, 27.5mm length	Front
280022ERL	Audi	89-97	10mm x 1.0 Thread, 27.5mm length	Rear
280022ERL	Audi	90-94	10mm x 1.0 Thread, 38.5mm length	Front & Rear
280031ERL	Audi 4000, Fox, 100LS	74-87	6mm x 1.0 thread, 37.1mm length	Rear
280022ERL	BMW	94	10mm x 1.0 Thread, 27.5mm length	Front
280029ERL	BMW	77-90	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280025ERL	BMW	77-94	7mm x 1.0 thread, 32 mm length	Front
280025ERL	BMW	91-94	7mm x 1.0 thread, 32 mm length	Rear
280029ERL	Buick	64-95	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280021ERL	Buick	76-80	3/8"-24 Thread, 1 11/64" length	Front & Rear
280024ERL	Buick	92-94	8mm x 1.25 thread, 23.5mm length	Rear
280021ERL	Cadillac	71-78	3/8"-24 Thread, 1 11/64" length	Front & Rear
280035ERL	Cadillac	71-78	5/16"-24 Thread, 1" length	Rear
280029ERL	Cadillac	79-92	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280024ERL	Cadillac	79-92	8mm x 1.25 thread, 23.5mm length	Rear
280022ERL	Capri	71-78	10mm x 1.0 Thread, 27.5mm length	Front
280024ERL	Chevy	95	8mm x 1.25 thread, 23.5mm length	Rear
280021ERL	Chevy	64-80	3/8"-24 Thread, 1 11/64" length	Front
280035ERL	Chevy	64-80	5/16"-24 Thread, 1" length	Rear
280024ERL	Chevy	76-78	8mm x 1.25 thread, 23.5mm length	Rear
280024ERL	Chevy	76-87	8mm x 1.25 thread, 23.5mm length	Rear
280029ERL	Chevy	79-95	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280022ERL	Chevy	84-94	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280025ERL	Chevy	85-89	7mm x 1.0 thread, 32 mm length	Rear
280030ERL	Chevy Truck	70-89	7/16"-20 Thread, 2 1/8" length	Rear
280022ERL	Chevy Truck	72-81	10mm x 1.0 Thread, 32.75mm length	Front
280022ERL	Chevy Truck	72-82	10mm x 1.0 Thread, 32.75mm length	Rear
280025ERL	Chevy Truck	72-93	7mm x 1.0 thread, 32 mm length	Front & Rear
280029ERL	Chevy Truck	72-94	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280021ERL	Chevy Truck	74-78	3/8"-24 Thread, 1 11/64" length	Front & Rear
280024ERL	Chevy Truck	79-94	8mm x 1.25 thread, 23.5mm length	Rear
280022ERL	Chevy Truck	89-93	10mm x 1.0 Thread, 32.75mm length	Front
280022ERL	Chevy Truck	89-93	10mm x 1.0 Thread, 27.5mm length	Front
280022ERL	Chevy Truck LUV	81-82	10mm 1.0 Thread, 35mm length	Front
280035ERL	Chrysler	61-62	5/16"-24 Thread, 1 3/16" length	Front & Rear
280023ERL	Chrysler	61-67	1/4"-28 Thread, 59/64" length	Front & Rear
280021ERL	Chrysler	66-93	3/8"-24 Thread, 1 11/64" length	Front
280035ERL	Chrysler	66-93	5/16"-24 Thread, 1" length	Front
280035ERL	Chrysler	91-93	5/16"-24 Thread, 1 3/16" length	Rear
280022ERL	Chrysler Imports	73-93	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280022ERL	Chrysler Imports	78-81	10mm x 1.0 Thread, 49.75mm length	Rear
280022ERL	Chrysler Imports	78-89	10mm 1.0 Thread, 35mm length	Front
280029ERL	Chrysler Imports	79-92	10mm x 1.5 Thread, 25.5mm length	Rear
280025ERL	Chrysler Imports	85-93	7mm x 1.0 thread, 32 mm length	Front
280029ERL	Chrysler Imports	89-92	10mm x 1.5 Thread, 25.5mm length	Front
280022ERL	Chrysler Imports	91-93	10mm x 1.0 Thread, 38.5mm length	Front
280025ERL	Daihatsu	88-93	7mm x 1.0 thread, 32 mm length	Front & Rear
280022ERL	Daihatsu	90-93	10mm x 1.0 Thread, 38.5mm length	Rear
280022ERL	Daihatsu	90-93	10mm x 1.0 Thread, 32.75mm length	Front
280035ERL	Dodge	95	5/16"-24 Thread, 1" length	Rear
280021ERL	Dodge	66-95	3/8"-24 Thread, 1 11/64" length	Front & Rear
280022ERL	Dodge	88-93	10mm x 1.0 Thread, 27.5mm length	Front
280035ERL	Dodge	92-93	5/16"-24 Thread, 1 3/16" length	Rear
280021ERL	Dodge Truck	61-93	3/8"-24 Thread, 1 11/64" length	Rear
280035ERL	Dodge Truck	61-93	5/16"-24 Thread, 1" length"	Rear
280029ERL	Dodge Truck	90-94	10mm x 1.5 Thread, 25.5mm length	Front
280022ERL	Dodge Truck	92-93	10mm x 1.0 Thread, 38.5mm length	Front
280022ERL	Eagle	88-93	10mm x 1.0 Thread, 32.75mm length	Front
280022ERL	Eagle	88-93	10mm x 1.0 Thread, 27.5mm length	Front
280022ERL	Eagle	88-93	10mm x 1.0 Thread, 27.5mm length	Rear
280035ERL	Eagle	89-92	5/16"-24 Thread, 1" length	Front & Rear
280025ERL	Eagle Talon	93	7mm x 1.0 thread, 32 mm length	Front
280024ERL	Fiat	75-79	8mm x 1.25 thread, 23.5mm length	Front & Rear
280022ERL	Fiesta	78-89	10mm x 1.0 Thread, 27.5mm length	Front
280021ERL	Ford	74	3/8"-24 Thread, 1 1/2" length	Front
280023ERL	Ford	61-80	1/4"-28 Thread, 59/64" length	Front & Rear
280021ERL	Ford	61-94	3/8"-24 Thread, 1 11/64" length	Front & Rear
280029ERL	Ford	70-92	10mm x 1.5 Thread, 25.5mm length	Front
280035ERL	Ford	73-75	5/16"-24 Thread, 1 3/16" length	Front & Rear
280022ERL	Ford	78-80	10mm x 1.0 Thread, 38.5mm length	Front & Rear
280023ERL	Ford	81-89	1/4"-28 Thread, 59/64" length	Rear
280022ERL	Ford	82-94	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280027ERL	Ford	88-97	8mm x 1.0 Thread, 25.4mm length	Rear

BRAKE SYSTEMS

PART NO.	APPLICATION	YEARS	SIZE	
280027ERL	Ford	89-94	8mm x 1.0 Thread, 31.9mm length	Rear
280022ERL	Ford	90-94	10mm x 1.0 Thread, 27.5mm length	Front
280025ERL	Ford	90-94	7mm x 1.0 thread, 32 mm length	Front & Rear
280021ERL	Ford Truck	61-94	3/8"-24 Thread, 1 11/64" length	Front & Rear
280030ERL	Ford Truck	70-94	7/16"-20 Tread, 1 17/64" length	Front
280035ERL	Ford Truck	71-75	5/16"-24 Thread, 1 3/16" length	Front & Rear
280023ERL	Ford Truck	71-77	1/4"-28 Thread, 59/64" length	Front
280021ERL	Ford Truck	71-94	3/8"-24 Thread, 1 1/2" length	Front
280022ERL	Ford Truck	81-85	10mm x 1.0 Thread, 38.5mm length	Rear
280035ERL	Ford Truck	83-93	5/16"-24 Thread, 1" length	Front
280021ERL	Ford Truck	86-92	3/8"-24 Thread, 1 1/2" length	Front
280035ERL	Ford Truck	90-94	5/16"-24 Thread, 1" length	Rear
280030ERL	Ford Truck		7/16"-20 Thread, 1 11/16" length	
280025ERL	Ford Truck, Courier	77-83	7mm x 1.0 thread, 32 mm length	Front
280029ERL	GEO	89-92	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280022ERL	GEO	93-94	10mm x 1.0 Thread, 32.75mm length	Rear
280025ERL	GEO	93-94	7mm x 1.0 thread, 32 mm length	Front & Rear
280021ERL	GM	61-65	3/8"-24 Thread, 1 1/2" length	Front & Rear
280021ERL	GM	61-80	3/8"-24 Thread, 1 11/64" length	Front & Rear
280024ERL	GM	76-93	8mm x 1.25 thread, 23.5mm length	Front & Rear
280025ERL	GM	83-93	7mm x 1.0 thread, 32 mm length	Front & Rear
280022ERL	GM	84-93	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280022ERL	GM	89-93	10mm x 1.0 Thread, 27.5mm length	Front
280035ERL	GM	61-80	5/16"-24 Thread, 1" length	Rear
280023ERL	GMC truck	60-63	1/4"-28 Thread, 1 3/8" length	Rear
280021ERL	GMC Truck	61-78	3/8"-24 Thread, 1 11/64" length	Front & Rear
280021ERL	GMC Truck	63-71	3/8"-24 Thread, 1 1/2" length	Front & Rear
280030ERL	GMC Truck	70-89	7/16"-20 Thread, 2 1/8" length	Rear
280024ERL	GMC Truck	71-9-4	8mm x 1.25 thread, 23.5mm length	Rear
280036ERL	GMC truck	74-76	7/16"-24 Thread, 1 15/32" length	Rear
280025ERL	GMC Truck	79-93	7mm x 1.0 thread, 32 mm length	Front & Rear
280029ERL	GMC Truck	79-94	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280022ERL	GMC Truck	89-93	10mm x 1.0 Thread, 32.75mm length	Front
280022ERL	GMC Truck	89-93	10mm x 1.0 Thread, 27.5mm length	Front
280030ERL	GMC Truck		7/16"-20 Thread, 1 11/16" length	
280022ERL	Honda	74-94	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280024ERL	Honda	75-94	8mm x 1.25 thread, 23.5mm length	Rear
280022ERL	Honda	77-79	10mm 1.0 Thread, 35mm length	Front
280025ERL	Honda	77-79	7mm x 1.0 thread, 32 mm length	Front
280028ERL	Honda	88-94	10mm x 1.25 Thread, 33mm length	Front & Rear
280022ERL	Honda Truck	94	10mm x 1.0 Thread, 38.5mm length	Rear
280022ERL	Hyundai	83-93	10mm x 1.0 Thread, 32.75mm length	Front
280022ERL	Hyundai	86-89	10mm 1.0 Thread, 35mm length	Rear
280022ERL	Hyundai	89-95	10mm x 1.0 Thread, 27.5mm length	Front
280022ERL	Hyundai	89-95	10mm x 1.0 Thread, 27.5mm length	Rear
280035ERL	Hyundai	90-91	5/16"-24 Thread, 1" length	Rear
280022ERL	Hyundai	90-95	10mm x 1.0 Thread, 32.75mm length	Rear
280030ERL	IH Truck		7/16"-20 Thread, 2 5/8" length	
280030ERL	IH Truck		7/16"-20 Thread, 1 11/16" length	
280022ERL	Infiniti	90-94	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280022ERL	Isuzu	81-84	10mm x 1.0 Thread, 32.75mm length	Front
280022ERL	Isuzu	81-93	10mm x 1.0 Thread, 38.5mm length	Rear
280025ERL	Isuzu	81-93	7mm x 1.0 thread, 32 mm length	Rear
280022ERL	Isuzu	88-91	10mm 1.0 Thread, 35mm length	Rear
280022ERL	Isuzu Truck	81-92	10mm x 1.0 Thread, 32.75mm length	Rear
280029ERL	Isuzu Truck	81-92	10mm x 1.5 Thread, 25.5mm length	Front
280022ERL	Isuzu Truck	88-94	10mm 1.0 Thread, 35mm length	Rear
280022ERL	Isuzu Truck	91-94	10mm x 1.0 Thread, 38.5mm length	Rear
280022ERL	Jaguar	73-90	10mm x 1.0 Thread, 32.75mm length	Front
280021ERL	Jaguar	74-76	3/8"-24 Thread, 1 11/64" length	Rear
280022ERL	Jaguar	86-90	10mm x 1.0 Thread, 32.75mm length	Rear
280021ERL	Jeep	61-77	3/8"-24 Thread, 1 11/64" length	Front & Rear
280023ERL	Jeep	61-77	1/4"-28 Thread, 59/64" length	Front
280021ERL	Jeep	65-93	3/8"-24 Thread, 1 11/64" length	Front & Rear
280024ERL	Jeep	79-92	8mm x 1.25 thread, 23.5mm length	Front & Rear
280029ERL	Jeep	79-93	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280035ERL	Jeep	90-93	5/16"-24 Thread, 1" length	Rear
280025ERL	Lexus	90-93	7mm x 1.0 thread, 32 mm length	Front & Rear
280021ERL	Lincoln	81-93	3/8"-24 Thread, 1 11/64" length	Front & Rear
280022ERL	Lincoln	92-94	10mm x 1.0 Thread, 27.5mm length	Front & Rear
280025ERL	Mazda	72-93	7mm x 1.0 thread, 32 mm length	Front & Rear
280027ERL	Mazda	79-92	8mm x 1.0 Thread, 31.9mm length	Rear
280021ERL	Mazda	92-93	3/8"-24 Thread, 1 1/2" length	Front & Rear
280035ERL	Mazda Truck	94	5/16"-24 Thread, 1" length	Rear
280021ERL	Mazda Truck	91-94	3/8"-24 Thread, 1 1/2" length	Front & Rear
280029ERL	Mazda	73-92	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280027ERL	Mazda 323	86	8mm x 1.0 Thread, 25.4mm length	Front
280027ERL	Mazda 323	90	8mm x 1.0 Thread, 25.4mm length	Front
280027ERL	Mazda 323	92-94	8mm x 1.0 Thread, 25.4mm length	Front
280027ERL	Mazda 626	81-82	8mm x 1.0 Thread, 25.4mm length	Front
280027ERL	Mazda GLC	83-85	8mm x 1.0 Thread, 25.4mm length	Front
280027ERL	Mazda Miata MX5	94	8mm x 1.0 Thread, 25.4mm length	Front
280027ERL	Mazda MX3	94	8mm x 1.0 Thread, 25.4mm length	Front
280027ERL	Mazda MX6	93-94	8mm x 1.0 Thread, 25.4mm length	Rear
280027ERL	Mazda Protege	92-94	8mm x 1.0 Thread, 25.4mm length	Front

BRAKE SYSTEMS

BRAKE SYSTEMS

PART NO.	APPLICATION	YEARS	SIZE	
280027ERL	Mazda RX7	94	8mm x 1.0 Thread, 25.4mm length	Front
280027ERL	Mazda RX7	86-87	8mm x 1.0 Thread, 25.4mm length	Front
280027ERL	Mazda Truck	93-94	8mm x 1.0 Thread, 25.4mm length	Front
280025ERL	Medallion	88-90	7mm x 1.0 thread, 32 mm length	Front & Rear
280024ERL	Mercedes Benz	84-94	8mm x 1.25 thread, 23.5mm length	Front & Rear
280023ERL	Mercury	81-89	1/4"-28 Thread, 59/64" length	Rear
280021ERL	Mercury	81-93	3/8"-24 Thread, 1 11/64" length	Front & Rear
280022ERL	Mercury	86-94	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280027ERL	Mercury	87-94	8mm x 1.0 Thread, 31.9mm length	Rear
280022ERL	Mercury	90-94	10mm x 1.0 Thread, 27.5mm length	Front & Rear
280027ERL	Mercury	91-94	8mm x 1.0 Thread, 25.4mm length	Front
280027ERL	Mercury	91-94	8mm x 1.0 Thread, 25.4mm length	Rear
280022ERL	Mercury Truck	93-94	10mm x 1.0 Thread, 27.5mm length	Rear
280022ERL	MG	65-80	10mm x 1.0 Thread, 27.5mm length	Front
280022ERL	Mitsubishi	83-85	10mm 1.0 Thread, 35mm length	Front
280022ERL	Mitsubishi	83-93	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280022ERL	Mitsubishi	90-93	10mm x 1.0 Thread, 38.5mm length	Front & Rear
280022ERL	Mitsubishi Truck	92-94	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280029ERL	Nissan	69-92	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280022ERL	Nissan	69-94	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280025ERL	Nissan	79-93	7mm x 1.0 thread, 32 mm length	Rear
280022ERL	Nissan	81-85	10mm 1.0 Thread, 35mm length	Front
280022ERL	Nissan	89-94	10mm x 1.0 Thread, 38.5mm length	Front & Rear
280022ERL	Nissan Truck	86-94	10mm x 1.0 Thread, 32.75mm length	Front
280022ERL	Nissan Truck	88-94	10mm x 1.0 Thread, 32.75mm length	Rear
280021ERL	Nissan Truck	93-94	3/8"-24 Thread, 1 11/64" length	Front
280022ERL	Nissan Truck	93-94	10mm x 1.0 Thread, 27.5mm length	Rear
280021ERL	OH Truck	57-80	3/8"-24 Thread, 1 1/2" length	Front & Rear
280029ERL	Oldsmobile	79-94	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280025ERL	Peugeot	81-89	7mm x 1.0 thread, 32 mm length	Rear
280022ERL	Peugeot	89-90	10mm x 1.0 Thread, 27.5mm length	Front
280025ERL	Plymouth	93	7mm x 1.0 thread, 32 mm length	Front
280035ERL	Plymouth	66-95	5/16"-24 Thread, 1" length	Rear
280021ERL	Plymouth	81-95	3/8"-24 Thread, 1 11/64" length	Front & Rear
280022ERL	Plymouth	90-93	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280035ERL	Plymouth	92-93	5/16"-24 Thread, 1 3/16" length	Rear
280022ERL	Pontiac	94	10mm x 1.0 Thread, 32.75mm length	Rear
280029ERL	Pontiac	79-92	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280022ERL	Porsche	89	10mm x 1.0 Thread, 38.5mm length	Front & Rear
280025ERL	Porsche	73-89	7mm x 1.0 thread, 32 mm length	Front
280022ERL	Porsche	87-95	10mm x 1.0 Thread, 27.5mm length	Front & Rear
280025ERL	Renault	76-89	7mm x 1.0 thread, 32 mm length	Front
280027ERL	Renault Alliance	83-87	8mm x 1.0 Thread, 25.4mm length	Rear
280027ERL	Renault Encore	84-86	8mm x 1.0 Thread, 25.4mm length	Rear
280027ERL	Renault GTA	87	8mm x 1.0 Thread, 25.4mm length	Rear
280029ERL	Saab	79-92	10mm x 1.5 Thread, 25.5mm length	Rear
280024ERL	Saab	90-92	8mm x 1.25 thread, 23.5mm length	Rear
280025ERL	Saab	90-94	7mm x 1.0 thread, 32 mm length	Rear
280022ERL	Saturn	91-94	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280022ERL	Sterling	87-91	10mm x 1.0 Thread, 27.5mm length	Front & Rear
280023ERL	Studebaker	61-66	1/4"-28 Thread, 59/64" length	Front & Rear
280029ERL	Subaru	72-92	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280025ERL	Subaru	76-93	7mm x 1.0 thread, 32 mm length	Front & Rear
280022ERL	Subaru	79-89	10mm x 1.0 Thread, 38.5mm length	Front & Rear
280022ERL	Subaru	82-94	10mm x 1.0 Thread, 32.75mm length	Front
280022ERL	Subaru	84-85	10mm 1.0 Thread, 35mm length	Front
280022ERL	Suzuki	86-94	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280022ERL	Suzuki	89-94	10mm 1.0 Thread, 35mm length	Front & Rear
280025ERL	Suzuki	92-93	7mm x 1.0 thread, 32 mm length	Rear
280022ERL	Suzuki Truck	90-94	10mm x 1.0 Thread, 32.75mm length	Front
280022ERL	Suzuki Truck	91-94	10mm x 1.0 Thread, 32.75mm length	Rear
280022ERL	Suzuki Truck	92-94	10mm 1.0 Thread, 35mm length	Rear
280029ERL	Toyota	67-92	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280022ERL	Toyota	67-93	10mm x 1.0 Thread, 32.75mm length	Front
280022ERL	Toyota	68-94	10mm x 1.0 Thread, 38.5mm length	Front & Rear
280025ERL	Toyota	75-93	7mm x 1.0 thread, 32 mm length	Front & Rear
280022ERL	Toyota Truck	89-94	10mm x 1.0 Thread, 38.5mm length	Front & Rear
280022ERL	Toyota Truck	91-94	10mm x 1.0 Thread, 32.75mm length	Front & Rear
280022ERL	Volvo	94	10mm x 1.0 Thread, 27.5mm length	Rear
280022ERL	Volvo	83-91	10mm x 1.0 Thread, 27.5mm length	Front
280025ERL	Volvo	83-91	7mm x 1.0 thread, 32 mm length	Rear
280022ERL	Volvo	84-94	10mm x 1.0 Thread, 32.75mm length	Front
280023ERL	Volvo	87-92	1/4"-28 Thread, 59/64" length	Front
280029ERL	Volvo	87-92	10mm x 1.5 Thread, 25.5mm length	Rear
280022ERL	Volvo	89-92	10mm x 1.0 Thread, 32.75mm length	Rear
280024ERL	Volvo	91-94	8mm x 1.25 thread, 23.5mm length	Rear
280025ERL	VW	65-93	7mm x 1.0 thread, 32 mm length	Front & Rear
280029ERL	VW	75-92	10mm x 1.5 Thread, 25.5mm length	Front & Rear
280022ERL	VW	84-95	10mm x 1.0 Thread, 38.5mm length	Rear
280022ERL	VW	87-94	10mm x 1.0 Thread, 38.5mm length	Rear
280031ERL	VW Golf, Jetta, Quantum, Rabbit, Scirocco	74-87	6mm x 1.0 thread, 37.1mm length	Rear
280031ERL	VW Golf, Jetta, Quantum, Rabbit, Scirocco	93-95	6mm x 1.0 thread, 37.1mm length	Rear
280030ERL	White Truck		7/16 -20 Thread, 2 5/8" length	
280024ERL	Yugo	86-90	8mm x 1.25 thread, 23.5mm length	Front & Rear