

WHY KONI?

A KONI is not your average shock absorber. They feature a number of standards that make them unique:

ADJUSTABLE: to set them to your personal preference and to compensate for wear.

TAILORMADE: not a copy of the original, but designed for a specific car or even conditions.

IMPROVEMENT: individually tested until the optimum in handling and comfort is reached.

SAFETY: the handling of your car is a major issue for your own safety.

INVOLVEMENT: KONI test drivers are dedicated car enthusiasts themselves.

BUILT FOR A LIFETIME: a set of KONI shock absorbers will usually outlive your car.

KONI TECHNOLOGY

KONI experts recognize that every vehicle has unique damping needs. KONI manufactures three shock absorber technologies in order to choose the perfect damping solution. Every KONI is adjustable for ultimate performance benefits.

KONI Shock Absorber Components:

- 1 Piston rod
- 2 Piston
- 3 Piston rod guide
- 4 Piston rod seal
- 5 Inner Cylinder
- 6 Reservoir tube
- 7 Foot valve
- 8 Bypass valve
- 9 Bypass spring
- 10 Adjusting nut
- 11 Adjusting knob
- 12 Adjusting detent
- 13 Compression valve assembly
- 14 Rebound valve assembly
- 15 Floating piston
- 16 Dust cover
- 17 Adjusting rod
- 18 Dust cap
- 19 Non return valve
- 20 Non return valve
- 21 Valves

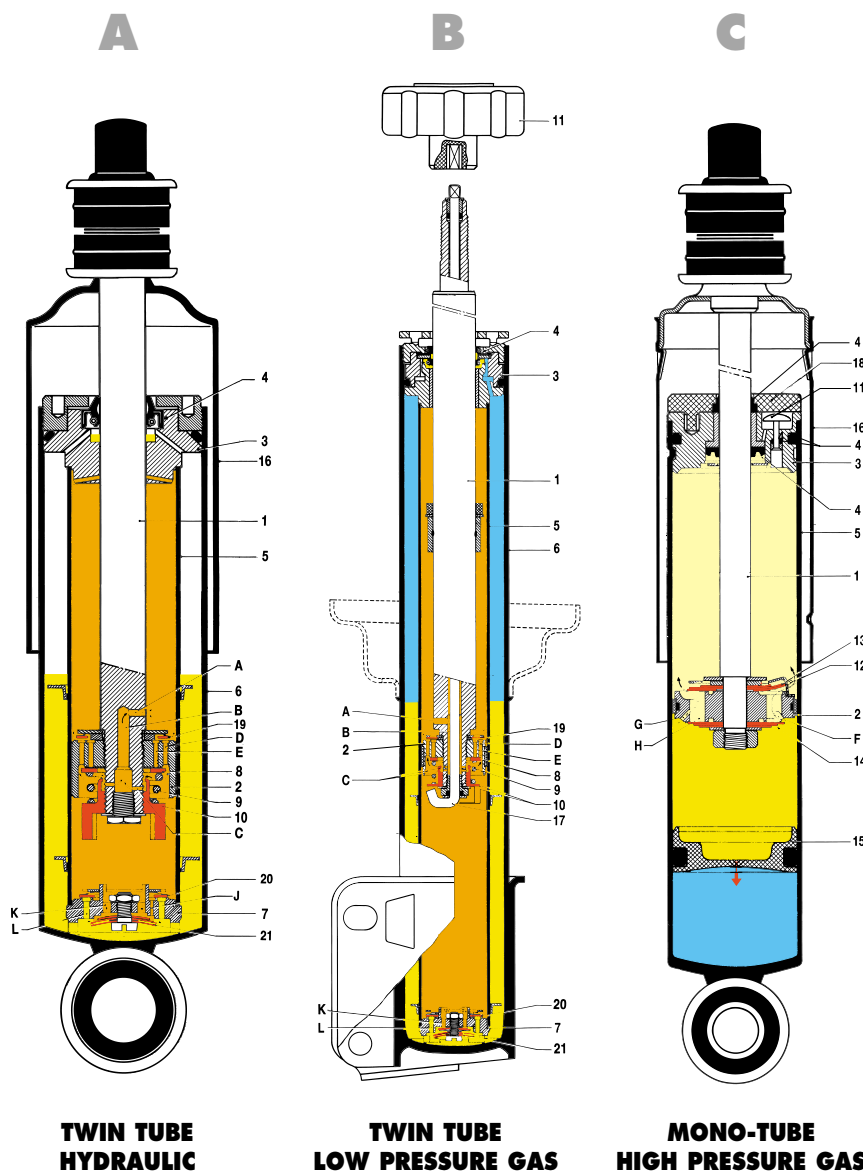
A, B, C, D, E, F, G, H, J, K and L
Various orifices

KONI PHILOSOPHY

As KONI is known as the shock absorber specialist par excellence, we commit ourselves to delivering to our customers the finest quality product with the best performance. KONI has vast experience, and a world-wide reputation in developing their products for all applications.

Our engineers ensure that every product is manufactured to meet the highest standards. KONI shock absorbers are produced from the finest materials; surfaces are machined to the narrowest tolerances and quality control is incorporated in all production steps. At the end of the production line every single damper is 100% dyno-tested to assure highest quality.

This philosophy results in unrivaled lifetime, superb road performance and maximum customer satisfaction. Our philosophy is one of no compromises!





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For Drag Racing and Road Racing Applications

Use KONI Catalog 103610

Oval Track Applications

Use KONI Catalog 103223

For Heavy Duty Truck, Bus and Motorhome Applications

Use KONI Catalog 103412

SPECIAL ORDER SHOCKS

Certain dampers are listed as **special order** in the application guide. In most instances these dampers are available within 60 days, or two weeks if you request to pay air freight charges; however in some cases there are minimum order quantities. To determine availability please call 859-586-4100.

Identifying KONI Part Numbers. Refer to the chart below to determine an at-a-glance overview of the KONI part number prefixes and what feature each one indicates.

	25	26	30	76	80	82	86	87	88	90	2615	2812	3012	3013	7610	8040	8041	8042	8210	8212	8216	8240	8241	8242	8610	8640	8641	8740	8741	8742
CONSTRUCTION TYPE																														
Twin Tube Low Pressure Gas																X	X	X				X	X	X		X	X	X	X	X
Twin Tube Hydraulic				X	X	X	X	X	X	X					X				X	X	X				X					
Mono-Tube High Pressure Gas	X	X	X								X	X	X	X																
ADJUSTMENT FEATURE																														
Externally Adjustable	-										X			X	X		X		X		X		X		X		X		X	
Standard Adjustable	-	X	X	X	X	X	X	X	X	X						X						X				X		X		
Double Adjustable												X	X					X		X				X						X
BODY STYLE																														
McPherson Strut Cartridge							X																		X	X	X			
McPherson Strut Complete Housing								X																				X	X	X
Standard Shock Absorber	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						



Typically, having all the correct information makes all the difference when it comes to a choice of shock absorbers. Common questions asked of the KONI Tech Line are as follows:

Q: What is the difference between KONI Special (red) and KONI Sport (yellow)?

A: The KONI Special (red) has been engineered to maximize the ride comfort with good handling performance for each vehicle application. The KONI Sport (yellow) typically starts at a higher initial valving baseline to give a sportier feel and work on vehicles with higher performance parts. In some instances, KONI will only offer a Special or Sport valving and not both. Some modern cars come from the factory with higher tech suspension systems and wheel/tire packages so they would move directly into the Sport range, however they are still valved to give a comfortable ride with very good handling capabilities.

Q: How much stiffer are KONIs than factory shocks?

A: This is a difficult question to answer because every KONI application is developed for that specific vehicle to get the best ride and handling characteristics. In general, most factory shocks are under damped for optimized handling so KONI engineers select firmer valvings. Unfortunately factory shocks are generally chosen for financial reasons rather than performance so lower technology, cheaper shocks are the standard. In some instances, a factory shock may have good characteristics in some parts of the working range but need some help in other parts and there are even a few instances where the KONI engineers found better handling by softening the factory units.

Q: What is the best adjustment setting for my shocks?

A: There is no single best adjustment setting for your KONIs because every driver and vehicle has different preferences for comfort, performance, performance modifications and roads to drive on. For most vehicles, we suggest that new KONIs be installed in the full soft position (the standard setting right out of the box) to take advantage of the balance of ride comfort and handling designed by the KONI ride development engineers. If the car has performance upgrades (springs, wheel/tire packages, etc.) or the driver wants the car a bit more aggressive, most people find the optimum setting in the 1/2 to one full turn from full soft range. Over the extended life of the damper or if the driver wants a specific firm handling characteristic, the dampers can be adjusted up higher. Very rarely will a KONI ever need to be adjusted to the full firm setting.

Q: What are the best springs to match with my KONIs?

A: One of the great advantages of KONI adjustable shocks is that there is no specific spring for matching optimum performance. Instead you can adjust your KONIs to match

your springs. Most performance springs have a higher spring rate than the vehicle's original springs. Since the shock controls the motion of the spring, increased spring rates require more rebound damping for control and that is one of the reasons why KONIs are rebound adjustable (and some are double adjustable). Using higher rate springs with OE or soft shocks will very quickly overcome and wear out the shocks. The KONI adjustment range is typically about 100% (twice as firm at the full firm setting as at the full soft setting) to allow for the proper damping of OE springs and high rate performance springs.

Q: How far can I safely lower my car?

A: KONIs are designed to fit standard height cars and can work with lowered cars as long as they don't bottom out internally and become damaged. Unlike some shocks, KONIs are not position sensitive so they will work properly anywhere in their stroke range providing they are not bottoming or topping out. Different vehicle suspension designs have different stroke travels but a good rule of thumb is that most vehicles can be lowered acceptably about 1 1/2 inches, beyond that the possibility of bottoming increases rapidly although some longer stroke cars can go lower. Most vehicles are equipped with bump stops to keep the shocks and springs from bottoming out. When lowering a vehicle be sure to reuse your bump stops because they are cheap insurance to avoid bottoming damage. Remember also that severely lowered vehicles typically have negative effects on suspension geometry, ride quality and handling, and tire and suspension part wear.

Q: KONI makes some shocks that are not gas shocks. Why?

A: There are basically three types of shock absorber designs: mono-tube high pressure gas, twin-tube low pressure gas, and twin-tube hydraulic (non-gas). Each of these designs has certain ride and performance characteristics that can enhance the performance of a vehicle and KONI is the only company that makes all three designs. KONI ride development engineers evaluate each new vehicle and can decide which shock design would best apply to that vehicle. Some cars respond best to mono-tubes, some like gas pressurized and others don't. Most shock companies utilize only one or two of these styles because it is less expensive for manufacturing but are therefore, limited in design capability and function.

KONI TECH LINE

PHONE: 859-586-4100

info@koni-na.com

Technical Questions can be answered 8-5 EST M-F.



CHOOSING THE OPTIMUM DAMPER FOR YOUR VEHICLE

All Hydraulic shock absorbers work by the principle of converting kinetic energy (movement) into thermal energy (heat). For that purpose, fluid in the shock absorber is forced to flow through restricted outlets and valve systems, thus generating hydraulic resistance.

A telescopic shock absorber (damper) can be compressed and extended; the so called bump stroke and rebound stroke.

Telescopic shock absorbers can be subdivided into:

1. Twin-tube dampers, available in hydraulic and gas-hydraulic configuration.
2. Mono-tube dampers, also called high pressure gas shocks.

TWIN-TUBE SHOCK ABSORBERS (fig. A and B)*

The main components are:

- outer tube, also called reservoir tube (6)*
- inner tube, also called cylinder (5)*
- piston (2)* connected to a piston rod (1)*
- bottom valve, also called footvalve (7)*
- piston rod guide (3)*

How Does a Twin-Tube Shock Absorber Work?

Bump stroke.

When the piston rod is pushed in, oil flows without resistance from below the piston through the outlets A*, B*, C*, and D* and the non-return valve (19)* to the area above the piston. Simultaneously, a quantity of oil is displaced by the volume of the rod entering the cylinder. This volume of oil is forced to flow through the bottom valve into the reservoir tube filled with air (1 bar) or nitrogen gas (4-8 bar). The resistance, encountered by the oil on passing through the footvalve, generates the bump damping.

Rebound stroke.

When the piston rod is pulled out, the oil above the piston is pressurized and forced to flow through the piston. The resistance, encountered by the oil on passing through the piston,

generates the rebound damping. Simultaneously, some oil flows back, without resistance, from the reservoir tube (6)* through the footvalve to the lower part of the cylinder to compensate for the volume of the piston rod emerging from the cylinder.

MONO-TUBE SHOCK ABSORBER (fig. C)*

The main components are:

- (pressure) cylinder, also called housing
- piston (2)* connected to a piston rod (1)*
- floating piston, also called separating piston (15)*
- piston guide (3)*

How Does a Mono-Tube Shock Absorber Work?

Bump stroke.

Unlike the twin-tube damper, the mono-tube shock has no reservoir tube. There is still a need to store the oil that is displaced by the rod when entering the cylinder. This is achieved by making the oil capacity of the cylinder adaptable. Therefore the cylinder is not completely filled with oil; the lower part contains (nitrogen) gas under 20–30 bar. Gas and oil are separated by the floating piston (15)*.

When the piston rod is pushed in, the floating piston is also forced down by the displacement of the piston rod, thus slightly increasing pressure in both gas and oil section. Also, the oil below the piston is forced to flow through the piston. The resistance encountered in this manner generates the bump damping.

Rebound stroke.

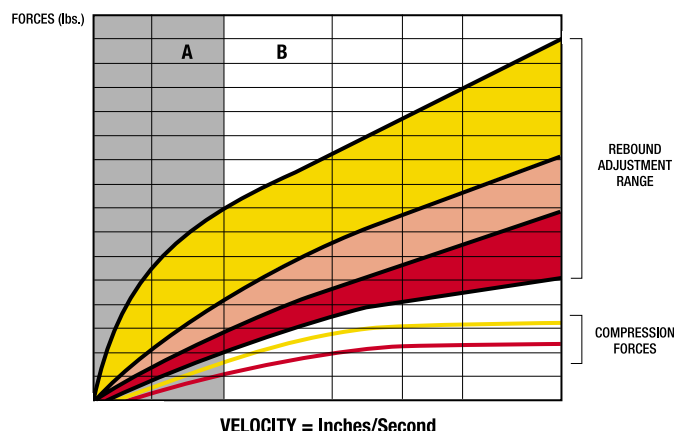
When the piston rod is pulled out, the oil between piston and guide is forced to flow through the piston. The resistance encountered in this manner generates the rebound damping. At the same time, part of the piston rod will emerge from the cylinder and the free (floating) piston will move upwards.

COMPARING KONI SPECIAL vs KONI SPORT

The characteristics of shock absorbers hardly ever get the attention they deserve, despite the damper being responsible for comfort, roadholding, stability and safety.

Below is a force velocity graph of a KONI SPECIAL and a KONI SPORT shock, both designed for the same vehicle. The graph displays the adjustment ranges for both shocks. The pink area

shows the adjustment range where both shocks are equal in value. The red area indicates that portion unique to the KONI Special, while the yellow area is specific to the Sport shock only. When a car accelerates, brakes or rolls, typical damper speeds are in the (A) area. Damper speeds caused by road surface irregularities (bumps, railroad tracks, etc.) are in the (B) area.



KONI Special (red or black). The KONI Special dampers are designed to offer the best compromise between road handling and comfort. If only a **Special** damper is listed, its adjustment forces are designed for all driving requirements.

KONI Sport (yellow). The KONI Sport dampers are designed for aggressive driving or cars with suspension upgrades while continuing to offer comfort. If a KONI Sport is listed as an alternative to the KONI Special, choose Sport for aggressive handling characteristics.

KONI Sport (yellow) shocks are identified by the Sport suffix (example, 8040-1026 Sport). KONI Special (red or black) shocks are listed without the Sport suffix (example, 8040-1026).



Audi A4



BMW E36 325, 328



BMW E36 M3



BMW Z3



Honda Civic



Mazda Miata



VW Golf/Jetta II & III, Corrado



VW Golf IV, Beetle



VW Rabbit, Cabriolet, Scirocco



KONI THREADED SUSPENSION KITS

KONI North America is happy to announce the arrival of the new KONI Threaded Suspension Kits. The kits include four KONI Sport valved struts and/or shocks featuring threaded adjustable lower spring perches (where applicable) and progressive rate lowering springs designed for performance street driving. The kits are engineered in a joint effort with KONI divisions in Holland, Germany and North America and are tested on Germany's famed, high speed Autobahns.

Threaded coil over suspensions not only allow the user to individualize the ride height but also to improve handling

through corner weighting or weight jacking. Additionally the car can be run low in the summer and raised for winter driving.

The kits were designed to give the vehicle a preferred ride height of 1.5" to 2.0" below stock ride height but the threading range allows the owner to make the ride height considerably higher or lower. It is always recommended that the kits be installed with bump rubbers because the threaded range of perch adjustment may allow the vehicle to sit low enough (for show or display purposes) to risk bottoming internally without them. Also, care should be taken in setting ride height so as to not allow oversized rims and tires to rub on the car.

Make / Model	Year	Kit Number	Features	
			Front	Rear
ACURA				
Integra (Exc. Type R)	94-00	1150-5006-1	H, E, G	H, E, G
AUDI				
A4 FWD 4 Cyl.	95-00	1150-5005-1	H	H
A4 FWD 6 Cyl.	95-00	1150-5020	H	H
A4 Quattro 4 Cyl.	95-00	1150-5018	H	H, E
A4 Quattro 6 Cyl.	95-00	1150-5019	H	H, E
A6 FWD 4 Cyl. Sedan	98-00	1150-5015	H	G
A6 FWD 6 Cyl. Sedan	98-00	1150-5016	H	G
BMW				
318 Ti (E36)	94-99	1150-5025	H, E	G
325, 328 Coupe (E36)	90-99	1150-5000	H, E	G
M3 (E36)	95-99	1150-5023	H, E	G
Z3 (E36) (Exc.M Series)	96-00	1150-5029	H, E	G
HONDA				
Civic	96-00	1150-5010	H, E, G	H, E, G
Civic	92-95	1150-5006-1	H, E, G	H, E, G
Del Sol	91-97	1150-5006-1	H, E, G	H, E, G
MAZDA				
Miata	89-97	1150-5031	H, E,G	H, E,G
SATURN				
LS-1, LS-2, LW-1, LW-2	2000	1150-5032	H, E	H
VOLKSWAGON				
New Beetle	98-00	1150-5009	H, E	
Cabrio	93-00	1150-5001-1	H, E	H, E,G
Corrado	90-95	1150-5001-1	H, E	H, E,G
Golf II, Jetta II	85-92	1150-5001-1	H, E	H, E,G
Golf III, Jetta III	93-98	1150-5001-1	H, E	H, E,G
Golf IV, Jetta IV, All Models	98-00	1150-5009	H, E	
Passat Sedan	98-00	1150-5011	H	G
Rabbit, Cabriolet	75-93	1150-5008	H	H
Scirocco	75-88	1150-5008	H	H

H Ride Height Adjustable
E Externally Adjustable
G Gas Charged Dampers



KONI THREADED SPRING PERCH SLEEVES AND PARTS

Threaded coil over spring perches allow vehicles that would normally have fixed location spring perches to gain some of the benefits of racing developed tuning techniques. Performance suspension adjustments such as ride height adjustment and corner weighting or weight jacking can be performed with threaded spring perches. KONI offers several coil over sleeves and individual components to allow both street and race cars these performance benefits. Because different vehicles have different spring and shock mounting needs and uses, each installer will need to establish which parts are right for that particular application.

The threaded sleeves are designed to mount on fixed platforms or groove located circlips that are perpendicular to the damper body.

The threaded sleeves are made of anodized aluminum with threading specially designed for load carrying and self-cleaning properties. The 42 mm ID sleeves and perches are red anodized aluminum and the 50 mm ID sleeves and perches are black anodized aluminum. All lower perches have a nylon tipped locking set screw to positively lock the perch in place without damaging the threads.

Caution should be used in the installation and use of threaded spring perches to be sure not to cause damage to the vehicle from bottoming or topping springs, shocks and suspension parts. KONI cannot be held responsible for modifications or damages caused by the improper use or adjustment of threaded spring perches.



30.0000.0005
and 30.0000.0006



80.0000.1

Figure A

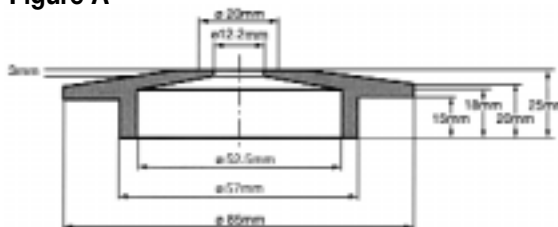
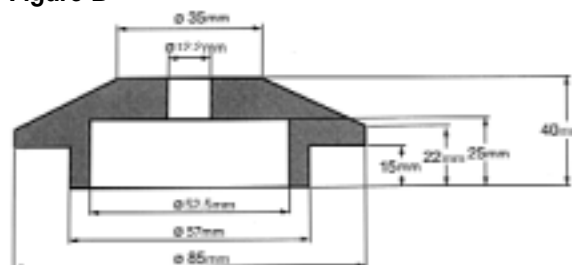


Figure B



42mm ID threaded sleeves & components

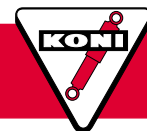
(fits most 80-, 8040-, 8041-, 8042- series dampers with 2 1/4" ID springs)

Set including threaded sleeve, lower spring perch, and 25mm upper spring perch (figure A)	80.0000.1
Set including threaded sleeve, lower spring perch, and 40mm upper spring perch (figure B)	80.0000.2
Threaded Sleeve	80.0000.0005
Lower spring perch with locking set screw	80.0000.0006
25 mm upper spring perch (figure A)	80.0000.0007
40 mm upper spring perch (figure B)	80.0000.0008
Nylon 2 1/4" to 2 1/2" ID spring adapters (2 needed)	15.29.04.003.0

50mm ID threaded sleeves & components

(fits all 30-, and most 82-, 8240-, 8241-, 8242-, 87-, 8741- series dampers with 2 1/2" ID springs)

Threaded sleeve	30.0000.0005
Lower spring perch with locking set screw	30.0000.0006



Make / Model	Year	Front	Notes	Rear	Notes
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ACURA

2.2 CL	Left: 97-99	8040-1175L	D	8040-1176	D
	Right:	8040-1175R	D	8040-1176	D
—Ext. Rebound Adjustable Sport Alternative	Left:	8041-1185L Sport	8	8041-1168SP4	8
Adj. spring perch can lower car approx. F & R=15mm	Right:	8041-1185R Sport	8	8041-1168SP4	8
3.2 TL	99-01	8041-1257 SP1	8	8041-1258 SP1	8
Integra (Exc. Type R)	94-01	8040-1146	D	8040-1158	D
—Ext. Rebound Adjustable Sport Alternative		8041-1152 Sport	8	8041-1153 Sport	8
Adj. spring perch can lower car approx. F=25mm R=15mm					
Threaded Suspension Kit available, see pg. 5					
Integra Type R, Adj. spring perch can lower car approx. F & R=25mm	97-01	8041-1152 Sport	8	8040-1078 Sport	
Integra, Adj. spring perch can lower car approx. F & R=20mm	90-93	8041-1200 Sport	8	8041-1201 Sport	8
Integra RS/LS	86-89	Not Available		80-2556 SP1	*
Legend V6-3.2i Sedan & Coupe	91-97	8240-1125	1, 8	8240-1126	1, 8
Adj. spring perch can lower car approx. F= 25mm R=15mm					
NSX, type NA1	90-97	8241-1117 Sport	1	8241-1118 Sport	1

ALFA ROMEO

164-V6	10/91-94	8641-1226 Sport	5	8741-1149 Sport	3
		OE Boge Only			
2000 Spider Veloce, Graduate, Quadrifoglio	70-95	80-1551		80-1781	
—Koni Sport Alternative		80-1551 Sport	4	80-1781 Sport	4
Alfetta GT, GTV6, GTV	72-89	80-2570 Sport		80-2571 Sport	
Giulia 1600/TI/TI, Super, GTA, GTV, Nuova Spider	10/65-79	80-1551		80-1781	
Spider, Duetto, 1750GTV, 2000GTV	68-73	80-1551		80-1781	
—Koni Sport Alternative		80-1551 Sport	4	80-1781 Sport	4
Giulia, Spider, Sprint, SS	62-9/65	80-1039		80-1193	
Giulietta 1300, Berlina 1300	55-64	80-1039		80-1193	
Milano, 75 All Mdls	86-89	80-2570 Sport		80-2571 Sport	3

AUDI

80, 90 Quattro (AWD)	92-95	86-2066 Sport		8210-1160 Sport	
External Adjustable Front		8610-1262 Sport		—	
80, 90 Sedan (FWD)	92-95	86-2066 Sport		80-2662 Sport	
External Adjustable Front		8610-1262 Sport		—	
80, 90 Quattro (AWD) Exc. 2.3 20V	88-91	86-2066 Sport		86-2086 Sport	
External Adjustable Front		8610-1262 Sport			
80, 90 Sedan (FWD) (Exc.2.0 16V, 2.3 20V and factory lowered susp.)	88-91	86-2066 Sport		80-2403 Sport	
External Adjustable Front		8610-1262 Sport		—	
80 Sedan w/ factory lowered susp. Incl. 2.3 20V (FWD)	88-91	86-2066 Sport		80-2625 Sport	+
External Adjustable Front		8610-1262 Sport		—	
90 Quattro 2.3 20V (AWD)	88-91	86-2066 Sport		86-2433 Sport	
External Adjustable Front		8610-1262 Sport		—	
100 Sedan (FWD) and Quattro	83-94	86-2149		80-2762	3
200 Sedan (Exc. Quattro 20V)	83-91	86-2149		80-2762	3
200 Quattro 20V	89-91	86-2149 Sport		80-2630 Sport	
4000 Sedan and Coupe, GT 4 cyl. & 5 cyl.	79-87	86-2066 Sport		80-2403 Sport	
External Adjustable Front		8610-1262 Sport			
4000 Quattro (Exc. 20V)	83-87	86-2066 Sport		86-2086 Sport	
External Adjustable Front		8610-1262 Sport		—	

+ Special order part. * Available until stock is depleted. 1 Uses factory (O.E.) lower spring seat. 3 Exc. mdls w/self leveling suspension. 4 Remove bump rubber prior to adjusting.
5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts. 8 Features adjustable spring seat for ride height adjustment.
D KONI Special "D" compress to adjust red alternative for select applications.



Make / Model	Year	Front	Notes	Rear	Notes
5000 Sedan/Wagon/Turbo (Incl. Quattro)	84-88	86-2149		80-2762	3
5000 All Mdls (Exc. Diesel & Turbo)	77-83	86-2149		Not Available	
(Exc. Cars Fitted w/ Bilstein as O.E.M.)					
5000 Turbo and Diesel	80-82	86-2149		Not Available	

Coupe 2.0, 2.3, 2.6, 2.8 (Exc. Quattro)	89-95	86-2066 Sport		80-2625 Sport	+
External Adjustable Front		8610-1262 Sport		—	
Coupe Quattro 2.3, 2.6, 2.8	89-95	86-2066 Sport		86-2433 Sport	
External Adjustable Front		8610-1262 Sport		—	
Coupe Quattro 2.2, 2.3 (Exc. 20V)	83-89	86-2066 Sport		86-2086 Sport	
External Adjustable Front		8610-1262 Sport		—	
Coupe (Exc. Quattro)	80-88	86-2066 Sport		80-2403 Sport	
External Adjustable Front		8610-1262 Sport		—	
Coupe Quattro Turbo	81-89	86-2086 Sport		86-2087 Sport	

A4, Sedan & Avant (FWD)	95-01	82-2427 Sport	7	80-2749 Sport	
Threaded Suspension Kit available, see pg. 5					
A4 Quattro, Sedan & Avant	95-01	82-2427 Sport		8210-1162 Sport	
Threaded Suspension Kit available, see pg. 5					
A6, Sedan & Avant (FWD)	98-01	82-2449 Sport		8040-1227 Sport	
Threaded Suspension Kit available, see pg. 5					
A6 Quattro, Sedan & Avant	98-01	82-2449 Sport		82-2465 Sport	
A6 (FWD) (Exc. Self Leveling Suspension)	95-97	86-2149 Sport		80-2762 Sport	
S4 Quattro	00-01	82-2427 Sport	7	8210-1162 Sport	
S4, S6 Quattro	93-97	86-2149 Sport		80-2630 Sport	
V8 Quattro	89-94	86-2149 Sport		80-2630 Sport	
TT FWD (Coupe and Roadster)	99-01	8710-1377 Sport		80-2805 Sport	
TT Quattro (Coupe and Roadster)	99-01	8710-1377 Sport		80-2818 Sport	

AUSTIN MINI

Mini 850, 1000, 1100, 1275, 1300	60-96	80-1675 Sport	4	80-1794 Sport	4
All sedans (Exc. lowered susp)					
Mini, All non-sedans (Moke, Estate wagon, pick up, van, etc.)	61-78	80-1675 Sport	4	Not Available	
Mini And Cooper, w/Lowered Susp.	63-70	80-1717	+, 4	80-1795	+, 4

AVANTI

Avanti	89-91	8040-1087		8040-1088	4
Avanti	87-88	8040-1092		8040-1093	4

BMW

E3 - Series					
2800 CS Coupe, 3.0 CS Coupe	69-74	86-1667	+	80-2092	+, 4
2.8L, 3.0L, 3.3L Sedan	74-76	86-1667	+	82-1839	*

E10 - Series					
2002, 2002-Tii, 1600/2	66-76	86-1519		80-1868	4
—Koni Sport Alternative		86-1519 Sport		80-1868 Sport	4

3 Series - E21					
320i, 316, 318, 318i, 320/4, 320/6	75-82	86-1957 Sport		80-2330 Sport	

* Special order part. * Available until stock is depleted. 3 Exc. mdls w/self leveling suspension.

4 Remove bump rubber prior to adjusting. 7 For '01 A4 and S4 cars after VIN 8D103001, must use spring perch #8D0412103B obtained from Audi dealer.



Make / Model	Year	Front	Notes	Rear	Notes
3 Series - E30					
318i, (Exc. M-Technik, and Cabriolet) For 45mm Strut Housings Only.	83-91	8641-1029 Sport		26-1196 Sport	
For 51mm Strut Housing, use:		8641-1021 Sport		26-1196 Sport	
318i,325i (w/ M-Technik suspension)	9/88-91	8641-1210 Sport		80-2641 Sport	4
318iS-16V	89-91	8641-1210 Sport		80-2641 Sport	4
325e, 325i, 325iS (Exc. M-Technik and Cabriolet)	84-91	8641-1021 Sport		26-1196 Sport	
323i	83-85	8641-1021 Sport	13	26-1196 Sport	
324TD (Exc. M-Technik)	9/88-91	8641-1021 Sport		26-1196 Sport	
324TD	87-8/88	8641-1021 Sport	13	26-1196 Sport	
325ix (AWD) including Touring	86-91	8641-1144 Sport	+	80-2522 Sport	
M3 (E254)	86-91	86-2277 SP1		80-2522 SP1	
318i Cabriolet, 325i Cabriolet (E147)	85-91	86-2277 Sport		80-2522 Sport	
3 Series - E36/7					
318Ti Hatchback (Exc. M-Technik)	Left: 94-99	8741-1247L Sport		80-2522 Sport	
Threaded Suspension Kit available, See pg. 5	Right: 94-99	8741-1247R Sport		80-2522 Sport	
318 Ti Hatchback (w/ M-Technik)	Left: 94-99	8741-1247L Sport		80-2641 Sport	
Threaded Suspension Kit available, See pg. 5	Right: 94-99	8741-1247R Sport		80-2641 Sport	
318i, 318is coupe, sedan, cabrio. (Incl. M-Technik)	Left: 10/91-99	8741-1247L Sport		8240-1115 Sport	
Threaded Suspension Kit available, See pg. 5	Right: 10/91-99	8741-1247R Sport		8240-1115 Sport	
318i, 318is coupe & sedan (Incl. M-Technik)	Left: 12/90-9/91	8741-1234L Sport		8240-1115 Sport	
	Right: 12/90-9/91	8741-1234R Sport		8240-1115 Sport	
325i, 325is, 328i, 328is coupe & sedan, cabrio. (Incl. M-Technik)	Left: 5/92-99	8741-1272L Sport		8240-1115 Sport	
	Right: 5/92-99	8741-1272R Sport		8240-1115 Sport	
Note for 1992 Mdl's: Only w/40mm plastic cover on strut upper mounting (inside engine compartment.)					
Threaded Suspension Kit available, See pg. 5					
325i, 325is coupe & sedan (Incl. M-Technik.)	Left: 10/91-4/92	8741-1248L Sport		8240-1115 Sport	
Note for 1992 Mdl's: Only w/80mm plastic cover on strut upper mount. (inside engine compartment)	Right: 10/91-4/92	8741-1248R Sport		8240-1115 Sport	
325i, 325is coupe & sedan (Incl. w/ M-Technik.)	Left: 12/90-9/91	8741-1235L Sport		8240-1115 Sport	
	Right: 12/90-9/91	8741-1235R Sport		8240-1115 Sport	
M3 (all)	95-99	8641-1342 Sport	5	8240-1115 Sport	
Threaded Suspension Kit available, See pg. 5					
Z3 4 & 6 Cyl. Roadster & Coupe (Incl. M-Technik)	Left: 96-00	8741-1338L Sport		8040-1217 Sport	
	Right: 96-00	8741-1338R Sport		8040-1217 Sport	
Threaded Suspension Kit available, See pg. 5					
M Roadster, M Coupe	99-00	8641-1342 Sport	5	8040-1217 Sport	
3 Series - E46					
318i, 323i, 325i, 328i, 330i	Left: 99-01	8741-1390L Sport		8040-1250 Sport	
(Exc. Coupe, AWD, Touring, & M-Technik)	Right: 99-01	8741-1390R Sport		8040-1250 Sport	
325, Ci, 330 Ci (Coupe & Convertible)	Left: 99-01	8741-1390L Sport		8040-1271 Sport	
	Right: 99-01	8741-1390R Sport		8040-1271 Sport	
5 Series - E12					
518, 520, 525, 528i, 530i	77-81	86-2017	+	82-2004	+
5 Series - E28					
518, 518i, 520i, 524TD, 525e, 525i (Exc. M-Technik)	82-87	8641-1080 Sport		Not Available	
528i, 533i, 535i (Exc. M-Technik & self leveling rear)	82-87	8641-1080 Sport		8240-1010 Sport	8



Make / Model	Year	Front	Notes	Rear	Notes
5 Series - E34					
520i (Sport Susp), 525i, 525TD-S Touring, 540i Touring, M5 (front only); (Exc. electric. susp.)	92-95	8641-1224 Sport		8240-1076 Sport	3
524TD, 525i, 535i (Exc. M-Technik and electric susp.)	8/90-92	8641-1157 Sport		8240-1076 Sport	3
Front only If Top Nut = M12-19mm		8641-1224 Sport		8240-1076 Sport	3
If Top Nut = M14-22mm, use:		8641-1157 Sport		8240-1076 Sport	3
524TD, 525i, 530i, 535i (Exc. M-Technik and electric susp.)	88-7/90	8641-1157 Sport		8240-1076 Sport	3
5 Series - E39					
540i V-8 (Exc. M-Technik, elect. & air susp., touring)	97-01	8741-1372 Sport		8240 1156 Sport	
528i, (Exc. M-Technik, elect. & air susp., touring)		8741-1341 Sport		8240-1156 Sport	3
540i Touring (station wagon)	97-00	8741-1372 Sport		8240-1157 Sport	3
(Exc. M-Technik, elec. & air susp.)					
528i, Touring (station wagon)	96-00	8741-1341 Sport		8240-1157 Sport	3
(Exc. M-Technik, elec. & air susp.)					
7 Series - E32					
730i, 735i (Exc. cars with self leveling rear suspension)	3/88-7/90	8641-1157 Sport		8240-1070 Sport	3
730i, 735i (Exc. cars with self leveling rear suspension)	8/90-92	8641-1157 Sport		8240-1070 Sport	3
If Top Nut = m12-19mm					
Cars w/ Top Nut = M14-22mm use:		8641-1224 Sport		8240-1070 Sport	3
740i	8/90-94	8641-1224 Sport		8240-1070 Sport	
750i	8/90-94	8641-1224 Sport		Not Available	
750i	87-7/90	8641-1157 Sport		Not Available	

BRICKLIN

Bricklin	74-75	82-1388 SP3		82-1389	
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BUICK

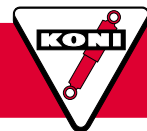
Century, Regal (Exc. Wagons)	70-77	8040-1087		8040-1088	4
Century, Wagon	73-77	8040-1087		Not Available	
Electra, Estate Wagon, LeSabre (RWD Only)	77-85	8040-1087		8040-1088	4
Electra, Estate Wagon, Centurian, LeSabre	71-76	8040-1087		Not Available	
Regal, All Models	88-96	Not Available		8641-1271 Sport	*, 5
Regal Grand National, All Mdls	78-87	8040-1092		8040-1093	4
Riviera	77-78	8040-1087		8040-1088	4
Riviera	71-76	8040-1087		Not Available	
Roadmaster (sedan & wagon)	92-96	8040-1087		8040-1088	
Skyhawk, All Models	87-89	8641-1239 Sport	*, 5	8040-1133 Sport	
for Delco struts only					
Skylark, All Models	87-91	8641-1239 Sport	*, 5	8040-1133 Sport	
for Delco struts only					
Skylark, Apollo	73-79	8040-1087		Not Available	
Skylark, Special	68-72	8040-1087		8040-1088	4
Skylark, Special	64-67	Not Available		8040-1088	4
Somerset, All Models	87	8641-1239 Sport	*, 5	8040-1133 Sport	
for Delco struts only					
Somerset, All Models	85-86	Not Available		8040-1133 Sport	
Sportwagon	70-72	8040-1087		8040-1088	4

CADILLAC

Catera V-6	97-01	8610-1315 Sport	5	80-2591 Sport	
Calais, Deville	77-84	8040-1087		8040-1088	4
Cimmarron, All Models	87-88	8641-1239 Sport	*, 5	8040-1133 Sport	
for Delco struts only					
Cimmarron, All Models	82-86	Not Available		8040-1133 Sport	
Fleetwood (Exc. Commercial Chassis)	77-84	8040-1087		Not Available	
Seville, All Models	75-79	8040-1087		Not Available	

* Available until stock is depleted. 3 Exc. mdls w/self leveling suspension. 4 Remove bump rubber prior to adjusting.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts.



Make / Model	Year	Front	Notes	Rear	Notes
CHEVROLET					
Beretta, Corsica All Models for Delco struts only	87-91	8641-1239 Sport	*, 5	8040-1133 Sport	
Camaro, All Models	93-01	8241-1139 Sport	8	8241-1140 Sport	
—Double Adjustable Alternative		8242-1005 SP1	9	8242-1006 SP1	9
Camaro, All w/16 inch Wheels	82-92	8741-1030		30-1265	
—Koni Sport Alternative		8741-1030 Sport		30-1265 Sport	
Camaro, All w/15 inch and 14 inch Wheels	82-92	8741-1030		26-1246	
—Koni Sport Alternative		8741-1030 Sport		30-1265 Sport	
Camaro Incl. Z-28	70-81	8040-1017		8040-1018	
Camaro with Multi-Leaf Spring	68-69	80-1914		80-1953	
Camaro with Mono-Leaf Spring	67-69	80-1914		80-1915	
Caprice, Impala, Impala SS, Sedan & Wagon	77-96	8040-1087		8040-1088	4
Caprice, Impala Sedan & Wagon	65-76	8040-1087		Not Available	
Cavalier, All Models for Delco struts only	87-94	8641-1239 Sport	*, 5	8040-1133 Sport	
Chevelle, Malibu Sedan & Wagon	78-85	8040-1092		8040-1093	4
Chevelle, Malibu Wagons	73-77	8040-1087		Not Available	
Chevelle, Malibu Sedans	68-77	8040-1087		8040-1088	4
Chevy II, Nova	75-79	8040-1087		Not Available	
Chevy II, Nova with Multi-Leaf Springs	68-74	8040-1087		8040-1088	4
Chevrolet	55-57	8040-1017		Not Available	
Corvette C-5 (Exc. Elect. Susp.)	97-01	3013-1023		3013-1024	
Corvette (Disarms Elect. Susp.)	89-96	8241-1097 Sport		8241-1098 Sport	
Corvette (Exc. Elect. Susp.)	88	Not Available		8241-1098 Sport	
Corvette, Incl. Convertible	84-87	8040-1015		8040-1016	
Corvette, All Models	63-83	8040-1019		8040-1020	4
El Camino	78-87	8040-1092		Not Available	
El Camino	68-77	8040-1087		Not Available	
Lumina (Sedan)	89-94	Not Available		8641-1271 Sport	*, 5
Monte Carlo, All Models	78-87	8040-1092		8040-1093	
Monte Carlo, All Models	70-77	8040-1087		8040-1088	

CHRYSLER

Cirrus	95-00	8040-1205		8040-1206	
Concorde, LHS, New Yorker (LH chassis)	93-97	8641-1316 Sport	5	8641-1317 Sport	5
Cordoba	75-76	Not Available		82-1255	
E Class	83-84	Not Available		8040-1050	
Laser, All Models	86	8741-1163		8040-1050	
Laser, All Models	84-85	Not Available		8040-1050	
LeBaron, All Models (Exc. Elec. Susp.)	86-94	8741-1163		8040-1050	
LeBaron, All Models	84-85	Not Available		8040-1050	
LeBaron, All Models	82-83	Not Available		8040-1050	
New Yorker Incl. Turbo	88-93	8741-1163		8040-1050	3
New Yorker (Exc. Fifth Avenue)	86-87	8741-1163		8040-1050	
New Yorker, Fifth Avenue, Newport, 300 Wagons	74-78	Not Available		82-1255	
PT Cruiser	00-01	TBA	2	TBA	2

DODGE

600, All Models	86-89	8741-1163		8040-1050	
600, All Models	83-85	Not Available		8040-1050	
Aries, All Models	86-89	8741-1163		8040-1050	
Aries, All Models	81-85	Not Available		8040-1050	
Challenger	70-74	80-1538		82-1255	
Charger, Shelby, GLHS, Incl. Turbo	82-90	8741-1099		8041-1054 SP1	
Charger, Coronet	73-76	Not Available		82-1255	
Charger, Coronet	65-72	80-1538		82-1255	

* Available until stock is depleted. **2** New application expected late '01. **3** Exc. mdls w/self leveling suspension. **4** Remove bump rubber prior to adjusting.
5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts. **8** Features adjustable spring seat for ride height adjustment.
9 Rebound and compression are externally adjustable.



Make / Model	Year	Front	Notes	Rear	Notes
Colt 1.3, 1.6 Types CA1A, CA4A, CJ1A, CJ4A	92-97	86-2511	5	80-2714	8
Colt 1.8 GTi Type CA5A	92-95	8641-1172 Sport	5	80-2714	8
Colt 1.3, 1.5, 1.6 GTi, 1.8D, 1.8 GTi, Types C51, C52, C53, C54, C58	88-92	8641-1172 Sport	5	8040-1080 Sport	
Daytona, All Models Incl. Shelby	86-93	8741-1163		8040-1050	
Daytona, All Models Incl. Shelby	84-85	Not Available		8040-1050	
Dynasty	88-93	8741-1163		Not Available	
Intrepid	93-97	8641-1316 Sport	5	8641-1317 Sport	5
Lancer, All Models Incl. Shelby	86-89	8741-1163		8040-1050	
Lancer, All Models Incl. Shelby	84-85	Not Available		8040-1050	
Neon (slotted bracket for front & rear camber adj.)	95-99	8741-1327 SP2		8741-1408 Sport	
Omni, GLH, GLHS, Incl. Turbo	78-90	8741-1099		8041-1054 SP1	
Shadow, All Models	86-94	8741-1163		8040-1050	
Spirit, All Models	89-94	8741-1163		8040-1050	
Stratus	95-00	8040-1205		8040-1206	
Viper RT/10 & GTS (Exc. ACR) (externally rebound adjustable)	92-00	8241-1171 Sport		8241-1172 Sport	

EAGLE

Summit, All Mdls (Exc. Wagon)	88-92	8641-1172 Sport	5	8040-1080 Sport	
Talon, FWD & AWD	95-98	8040-1254	D	8040-1255	D
Ext. Rebound Adjustable Sport Alternative		8041-1207 Sport		8041-1208 Sport	
Talon, FWD	90-94	8641-1231 Sport	5	8040-1128 Sport	
for OE KYB struts only					
Talon, AWD	90-94	8641-1231 Sport	5	8040-1129 Sport	
for OE KYB struts only					
Vision	93-97	8641-1316 Sport	5	8641-1317 Sport	5

FERRARI

All Ferrari shocks supplied without bushings - If required contact a Ferrari dealer. Some Ferrari special order parts may be available only with large production run orders. Please call for availability.					
206 GT/246GT/GTS Dino	69-74	82-1579 SP2	4	82-1603 SP2	4
250 GT/ 330 GT	61-67	82-1321	*	82-1322	*
275 GTB/C/S	3/66-67	82-1451	+, 4	82-1452	+, 4
275 GTB/C/S	65-2/67	Not Available		82-1350	+, 4
308 GT Spider F106AS/F106 AB-100/GTB/GTS	75-85	82-1982 SP6	4	82-1983 SP6	4
308 GT4 F108 A1-100	80-81	82-2069 SP6	+, 4	Not Available	
308 GT4 F106 AL	73-80	82-1982 SP6	4	82-1831 SP1	4
308 GTB/GTS	75-85	82-1982 SP6	4	82-1983 SP6	4
328 GTB/GTS	4/88-6/89	82-2335	+, 4	82-2336	+, 4
328 GTB/GTS	87-3/88	82-2319 SP2	+, 4	82-2290	+, 4
328 GTB/GTS	85-86	82-2289 SP1	+, 4	82-2290	+, 4
330 GTC	67	82-1451	+, 4	82-1452	+, 4
348tb	89-92	8240-1102	*	8240-1103	*
365 GT4 2+2 (w/o Self Leveling Rear)	73-75	82-1824 SP2	+, 4	82-1825 SP2	+, 4
365 GTC4 (w/o Self Leveling Rear)	71-72	82-1750	+, 4	82-1751	+, 4
365 GTB4/365GTS4 Daytona	69-73	82-1633	+, 4	82-1634	+, 4
365 GT 2+2 (w/o Self Leveling Rear)	68-70	82-1604	+, 4	82-1573	+, 4
400i (w/Self Leveling Rear)	83-85	82-2173 SP1	+, 4	Not Available	
400 GT Automatic (w/o Self Leveling Rear)	77-83	82-1824 SP2	+, 4	82-1825 SP2	+, 4
508, 509, 539, 2+2, Lusso, Super America Incl. Spyder	62-64	82-1216 SP3	+	82-1217 SP3	+
Berlinetta Boxer 512BB/512BBi	76-84	82-1833 SP6	4	82-1984 SP6 (4 req.)	4
GTO	85	82-2341	+, 4	Not Available	
Mondial 8 Spider	83-85	82-2259	+, 4	82-2260	+, 4
Mondial 8 2+2 Coupe 3.0 V8	81-85	82-2069 SP6	+, 4	82-2073 SP6	+, 4
Testarossa	85-90	82-2341	+, 4	82-2342	4

★ Special order part. * Available until stock is depleted. 4 Remove bump rubber prior to adjusting.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts. 8 Features adjustable spring seat for ride height adjustment.

D KONI Special "D" compress to adjust red alternative for select applications.



Make / Model	Year	Front	Notes	Rear	Notes
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FIAT

124 (Exc. wagon), 2000 Spider and Coupe, Pininfarina	67-87	80-1877 Sport		80-1878 Sport	4
124 Wagon	66-76	80-1877 Sport		80-1964	+
131 Sedan Mirafiori/Brava	78-81	Not Available		80-1878 Sport	4

FORD

Contour Incl. SVT	98-01	8710-1368 Sport		8710-1294 Sport	
Contour	95-97	8710-1293 Sport		8710-1294 Sport	
Focus hatchback & sedan (Exc. wagon) Left:	99-01	8741-1400L Sport		8040-1267 Sport	
Right:		8741-1400R Sport		8040-1267 Sport	
Focus wagon Left:	99-01	8741-1400L Sport		8040-1268	
Right:		8741-1400R Sport		8040-1268	
Mustang, Cobra w/ IRS rear susp.	00-01	8741-1401 Sport		8041-1270 Sport	
—Double Adjustable Alternative		8742-1122 Sport		TBA	
Mustang, All Models (Exc. IRS rear susp.)	94-01	8740-1300	D	8040-1186	D
—Ext. Rebound Adjustable Sport Alternative		8741-1401 Sport		8041-1186 Sport	
—Double Adjustable Sport Alternative		8742-1122 Sport	9	8042-1134 Sport	9
—Quad Shock				25-1215	
Mustang V8, All Models (Exc. Cobra R)	87-93	8740-1121	D	8040-1026	
—Ext. Rebound Adjustable Red Alternative		8741-1121	*		
—Ext. Rebound Adjustable Sport Alternative		8741-1121 Sport		8041-1026 Sport	
—Double Adjustable Sport Alternative		8742-1121 Sport		8042-1026 Sport	
—Quad Shock				25-1215	
Mustang 4 cyl., All Models	87-93	8741-1103		Not Available	
Quad Shock				25-1215	
Mustang SVO	85-86	8741-1054		8040-1026	
Quad Shock				25-1215	
Mustang (Exc. SVO)	85-86	8741-1103		8040-1026	
Quad Shock				25-1215	
—Koni Sport Alternative		8741-1103 Sport	*	8041-1026 Sport	
Mustang SVO	84	8741-1006		8040-1026	
Quad Shock				25-1215	
Mustang w/1-1/2 inch Lower Rear Bushing (Exc. SVO)	81-84	8741-1103		8040-1026	
Quad Shock				25-1215	
—Koni Sport Alternative		8741-1103 Sport	*	8041-1026 Sport	
Mustang w/2-1/8 inch Lower Rear Bushing (Exc. SVO)	81-84	8741-1103		Not Available	
Quad Shock				25-1215	
Mustang, All Models	79-80	8741-1103		8040-1026	
Quad Shock				25-1215	
—Koni Sport Alternative		8741-1103 Sport	*	8041-1026 Sport	
Mustang II, All Models	74-78	80-2287 SP1	*,4	Not Available	
Mustang, All Models	71-73	Not Available		82-1389	
Mustang, All Models	64-70	82-1388 SP3		82-1389	
Pinto Wagon	72-80	80-2287 SP1	*,4	Not Available	
Pinto Sedan & Runabout	70-80	80-2287 SP1	*,4	80-2167	
Probe (Exc. Elect. Susp.)	89-92	86-2413	5	86-2414	5
Taurus, SHO (Exc. Wagon)	6/92-95	8641-1287 Sport	5	8641-1323 Sport	5
Taurus, SHO (Exc. Wagon)	86-5/92	8641-1287 Sport	5	8641-1288 Sport	5
Taurus, Wagon	86-93	8641-1287 Sport	5	Not Available	
Thunderbird (Disarms Elect. Susp.)	89-97	8641-1209 Sport	5	8041-1202 Sport	
Thunderbird Turbo 4 Cyl. (Disarms Elect. Susp.)	87-88	8741-1122	*	Not Available	

+ Special order part. * Available until stock is depleted. 4 Remove bump rubber prior to adjusting.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts.

9 Rebound and compression are externally adjustable. D KONI Special "D" compress to adjust red alternative for select applications.



Make / Model	Year	Front	Notes	Rear	Notes
HONDA					
Accord, All Models, Adj. Spring perch can lower car approx. F=25mm R=20mm	98-01	8041-1257 SP1	8	8041-1258 SP1	8
Accord, All Models	90-97	8040-1175L	D	8040-1176	D
Left:		8040-1175R	D	8040-1176	D
Right:		8041-1185L Sport	8	8041-1168SP4	8
—Ext. Rebound Adjustable Sport Alternative		8041-1185R Sport	8	8041-1168SP4	8
Adj. spring perch can lower car approx. F & R=15mm					
Left:	86-89	80-2581L		80-2582	
Right:		80-2581R		80-2582	
Accord, All Models					
Civic, All Models (Exc. Wagon)	96-00	8040-1146	D	8040-1212	D
—Ext. Rebound Adjustable Sport Alternative		8041-1152 Sport	8	8041-1213 Sport	8
Adj. spring perch can lower car approx. F=25mm & R=15mm					
Threaded Suspension Kit available, see pg. 5					
Civic, All Models (Exc. Wagon)	92-95	8040-1146	D	8040-1158	D
—Ext. Rebound Adjustable Sport Alternative		8041-1152 Sport	8	8041-1153 Sport	8
Adj. spring perch can lower car approx. F=25mm & R=15mm					
Threaded Suspension Kit available, see pg. 5					
Civic, CRX, All Models (Exc. Wagon)	89-91	8040-1077	D	8040-1158	D
—Ext. Rebound Adjustable Sport Alternative		8041-1166 SP4	8	8041-1153 Sport	8
Adj. spring perch can lower car approx. F=25mm & R=15mm					
Civic, CRX, All Models (Exc. Wagon)	88	8040-1077	D	8040-1078	D
—Ext. Rebound Adjustable Sport Alternative		8041-1166 SP4	8	8040-1078 Sport	8
Adj. spring perch can lower car approx. F=25mm & R=15mm					
Civic, CRX (Exc. Wagon)	84-87	8741-1110L Sport		8040-1033 Sport	
Left:		8741-1110R Sport		8040-1033 Sport	
Right:					
Del Sol	92-97	8040-1146	D	8040-1158	D
—Ext. Rebound Adjustable Sport Alternative		8041-1152 Sport	8	8041-1153 Sport	8
Adj. spring perch can lower car approx. F=25mm & R=15mm					
Threaded Suspension Kit available, see pg. 5					
Prelude (Exc. SH) Adj. spring perch can lower car approx. F = 20mm R = 15mm	97-00	8041-1232 Sport	8	8041-1155 Sport	8
Prelude, All Models, Adj. spring perch can lower car approx. F = 20mm R = 15mm	92-96	8041-1154L Sport	8	8041-1155 Sport	8
Left:		8041-1154R Sport	8	8041-1155 Sport	8
Right:					
S2000	00-01	8041-1278L Sport	2	8041-1279 Sport	2
Left:		8041-1278R Sport	2	8041-1279 Sport	2
Right:					

HYUNDAI

Accent	95-96	86-2551	5	86-2552	5
Elantra	95-99	8641-1361 Sport	+, 5	8640-1337 Sport	+, 5
Elantra 1.5i, 1.6i, 1.8i	91-94	8640-1244	+, 5	8040-1080	+
Excel Sedan And Hatchback	89-93	86-2445	+, 5	Not Available	
Excel XP 1300, 1500 Sedan And Hatchback	86-89	Not Available		80-2583	+
S-Coupe 1.5i, 1.5i GT	90-95	86-2445	+, 5	80-2583	+
Sonata, All Models	94-98	8640-1306	+, 5	8040-1193	+
Sonata, All Models	88-93	8640-1306	+, 5	8040-1107	+
Tiburon	97-99	8641-1361 Sport	+, 5	8640-1337 Sport	+, 5

+ Special order part. 2 New application expected late '01. 5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts. 8 Features adjustable spring seat for ride height adjustment.

D KONI Special "D" compress to adjust red alternative for select applications.



Make / Model	Year	Front	Notes	Rear	Notes
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INFINITI

I-30, I-30T	96-99	8641-1362 Sport	5	8040-1242 Sport	
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JAGUAR

2.4, 3.4, 3.8 Sedans	56-69	82-1019		82-1044	4
3.8S, 420S Sedans	64-69	Not Available		80-1572 (4 Req.)	
MK10, 420G Sedans	66-72	Not Available		80-1572 (4 Req.)	
XJ-6, XJ-40	10/94-97	26-1596		30-1593	
XJ-6 3.2 Sport, XJ-12, XJ-R Supercharged (Exc. self leveling rear susp.)	10/94-97	26-1592		30-1593	
XJ-6, XJ-40 (Exc. self leveling rear susp.)	87-9/94	26-1361		30-1377	
XJ-6	69-86	26-1089		30-1090 (4 Req.)	
XJ-12 (Exc. self leveling rear susp.)	2/93-9/94	26-1361		30-1377	
XJ-12, XJ-12C	72-2/93	26-1089		30-1090 (4 Req.)	
XJS-6, XJS-12	75-96	26-1089		30-1090 (4 Req.)	
XK-8	96-99	8241-1158	+	8240-1159	+
XKE 6 Cyl., All Models	61-71	82-1232	4	80-1491 SPA1 (4 Req.)	
XKE V-12, All Models	71-74	80-2215	4	80-2216 (4 Req.)	
XK-120	49-54	80-1105		Not Available	
XK-140, Mk VII, Mk VIII, Mk IX,	54-61	82-1027		82-1081	
XK-150, XK-150S	55-61	82-1107	+	82-1108	+

LEXUS

IS 300	00-01	8041-1264 Sport		8041-1265	
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LOTUS

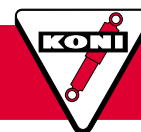
Elan, Coupe, S4, Sprint	64-74	80-1691	+	86-1371	+
Elan +2, S130	68-74	Not Available		86-1371	+
Elise (non-adjustable)	96-98	26-1600	+	26-1601	+
Europa Series 2	69	80-2147	+	Not Available	
Europa Series 2 and Twin Cam from Serial No. 7109181001P	70-75	80-2147	+	80-2206	+
Seven Series 4 from Chassis #S4-2651 TC	70-85	Not Available		80-2206	

MG

MGB, MGB-GT	All	80-2716	+	80-1244 SP1	+
Bracket Kit		8-434V	+	6-435A	+
MGC	67-69	Not Available		80-1244 SP1	+
Bracket Kit		—		6-435A	+

+ Special order part. 4 Remove bump rubber prior to adjusting.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts.



Make / Model	Year	Front	Notes	Rear	Notes
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MAZDA

323	95-97	8610-1320 Sport	+, 5	8610-1321 Sport	+, 5
323 Sedan And Hatchback (Exc. GTX, Turbo And Elect. Susp.)	89-93	86-2442	+, 5	86-2443	+, 5
323 Sedan And Hatchback 1.3, 1.5, 1.6, (Exc. Elect. Susp.)	Left: 86-89 Right:	87-2365L 87-2365R	+ +	8640-1108 8640-1108 for OE Unisa only	+, 5 +, 5
626 Sedan (Adjust 1 full turn for 6 cyl. cars)	98-01	86-2591	+, 5	86-2592	*, 5
626 Sedan (Adjust 1 full turn for 6 cyl. cars)	93-97	86-2513	+, 5	86-2592	*, 5
626, All Models (Exc. Elect. Susp.)	88-91	86-2413	5	86-2414	5
Miata, All Models	97-01	8041-1251 Sport		8041-1252 Sport	
Miata, All Models	89-97	8041-1203 Sport	8	8041-1204 Sport	8
Adj. spring perch can lower car approx. F=20mm R=15mm					
MX3	91-97	86-2442	+, 5	86-2443	+, 5
MX6 (Exc. Elect. Susp.)	88-92	86-2413	5	86-2414	5
RX7 Turbo;	Left: 93-96	8041-1169L Sport	8	8041-1170 Sport	8
Adj. spring perch can lower car approx. F=10mm R=15mm	Right:	8041-1169R Sport	8	8041-1170 Sport	8
RX7 (Disarms Elect. Susp.) (Exc. w/8 position knob)	86-92	8641-1200 Sport	5	8041-1111 Sport	
		OE KYB or Tokico only			
RX7	81-85	86-2345	+	26-1152	+
		for OE struts only			

MERCEDES

180, 180D, 190, 190D	56-62	80-1092	+	80-1104	+
300 SL Gullwing	All	88-1004		88-1002	
300 SL Roadster	All	88-1004		Not Available	

W107

280SL, 280SLC; 300 SL, 350SL, 350SLC, 380 SL, 380 SLC, 420SL, 450SL, 450SLC, 500SL, 560SL	71-91	26-1019		30-1020	3
Steering Damper —All		76-1208	+	—	

W108

250S, 250SE, 280S, 280SE, 280SEL	65-72	80-1415	+	80-1416	+
Steering Damper —All		76-1208	+	—	

W109

300SE, 300SEB, 300SEL	68-72	80-1415	+	80-1416	+
Steering Damper —All		76-1208	+	—	

W110

190B, 190C, 190D, 190DB, 190DC	62-67	80-1415	+	80-1416	+
200D	65-67	80-1415	+	80-1416	+
Steering Damper —All		76-1208	+	—	

W111

220B, 220SB, 220SE, 220SEB, 220SEC, 230S	60-67	80-1415	+	80-1416	+
Steering Damper —All		76-1208	+	—	

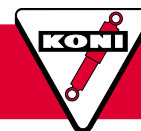
W113

230SL, 250SL, 280SL	63-71	80-1415	+	80-1416	+
Steering Damper —All		76-1208	+	—	

+ Special order part. * Available until stock is depleted. 3 Exc. mdls w/self leveling suspension.
5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts.
8 Features adjustable spring seat for ride height adjustment.



Make / Model	Year	Front	Notes	Rear	Notes
W114/W115					
200, 200D, 220, 220D, 230, 240D, 250, 250C, 250CE, 280, 280C, 280E, 280CE, 300D Steering Damper —All	68-76	26-1019 76-1208	 +	30-1020 —	3
W116					
280, 280S, 280SE, 280SEL	73-80	26-1157		30-1020	3
300SD, 300SEL, 350SE, 350SEL	73-80	26-1157		30-1020	3
450SE, 450SEL (Exc. 6.9 Litre)	73-80	26-1157		30-1020	3
W123					
200, 200D, 220D, 230, 230C, 230CE, 230E, 240D, 250, 280, 280C, 280CE, 280E, 300D, 300CD Station Wagon T-Model	76-85 77-85	26-1075 26-1157	 +	30-1020 30-1020	3 3
W124					
260E, 300CE, 300D, 300E, 300TD, E320, (Exc. 4-Matic 4WD, Sportline & self leveling rear) Station Wagon T-Models (exc. 4-Matic 4WD)	85-95 86-95	8741-1092 8741-1092	 	26-1274 Not Available	
400E, 500E, E420, E500 V8	93-95	8741-1092		Not Available	
C126					
380SEC, 420SEC, 500SEC, 560SEC	85-89	26-1157		30-1020	3
W126					
260SE, 300SE, 300SEL, 420SE, 420SEL	85-91	26-1157		30-1020	3
280S, 280SE, 280SEL, 380SE, 380SEC, 380SEL	80-85	26-1157		30-1020	3
300SD, 500SE, 500SEL, 560SE, 560SEL	80-91	26-1157		30-1020	3
W140					
300SD, 300SE, S320 6 cyl.	92-97	26-1480	*, 15	30-1579	*, 3, 15
400SEL, 500SEL, S420, S500 V8	92-97	26-1480	*, 15	30-1579	*, 3, 15
600SEL, S600 V12	92-97	26-1480	*, 15	30-1579	*, 3, 15
W170					
SLK	97-00	8041-1228 Sport		8041-1229 Sport	
W201					
190, 190E, 190D (Exc. self leveling rear susp.)	83-93	8741-1092		26-1198	3
190, 190E, 190D, 190-16 Valve (w/ self leveling rear susp.)	83-93	8741-1092		Not Available	
W202					
C220, C230, C280, C36	93-00	26-1575 Sport		26-1576 Sport	3
W203					
C240, C320	01	8741-1412 Sport	2	26-1679 Sport	2
W208					
CLK	97-00	26-1575 Sport		26-1576 Sport	3
W210					
E200, E230, E280, E320, E420 Including diesel (Exc. Lowered Susp.)	95-00	26-1602 Sport		26-1603 Sport	3



Make / Model	Year	Front	Notes	Rear	Notes
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MERCURY

Bobcat Sedan & Runabout	75-80	80-2287 SP1	*, 4	80-2167	
Bobcat Wagon	75-80	80-2287 SP1	*, 4	Not Available	
Capri, All Models	85-86	8741-1103		8040-1026	
Quad Shock				25-1215	
—Koni Sport Alternative		8741-1103 Sport	*	8041-1026 Sport	
Capri, Models w/1-1/2(inch) Lower Rear Bushing	81-84	8741-1103		8040-1026	
Quad Shock				25-1215	
—Koni Sport Alternative		8741-1103 Sport	*	8041-1026 Sport	
Capri, Models w/2-1/8(inch) Lower Rear Bushing	81-84	8741-1103		Not Available	
Quad Shock		—		25-1215	
Capri, All Models	79-80	8741-1103		8040-1026	
Quad Shock		—		25-1215	
—Koni Sport Alternative		8741-1103 Sport	*	8041-1026 Sport	
Cougar	99-00	8710-1368 Sport		8710-1294 Sport	
Cougar (Disarms Elect. Susp.)	89-97	8641-1209 Sport	5	8041-1202 Sport	
Cougar, Turbo 4 Cyl. (Disarms Elect. Susp.)	87-88	8741-1122	*	Not Available	
Cougar, All Models	67-70	82-1388 SP3		Not Available	
Mystique	98-01	8710-1368 Sport		8710-1294 Sport	
Mystique	95-97	8710-1293 Sport		8710-1294 Sport	
Sable (Exc. wagon)	6/92-95	8641-1287 Sport	5	8641-1323 Sport	5
Sable (Exc. wagon)	86-5/92	8641-1287 Sport	5	8641-1288 Sport	5

MERKUR

XR4Ti (Exc. AWD)	84-91	8741-1074 Sport		26-1190	
Scorpio (Exc. AWD)	85-94	8741-1093 Sport		26-1261 Sport	+

MITSUBISHI

Eclipse	00-01	TBA	2	TBA	2
Eclipse FWD & AWD	95-99	8040-1254	D	8040-1255	D
—Ext. Rebound Adjustable Sport Alternative		8041-1207 Sport		8041-1208 Sport	
Eclipse (FWD) for OE KYB struts only	90-94	8641-1231 Sport	5	8040-1128 Sport	4
Eclipse (AWD) for OE KYB struts only	90-94	8641-1231 Sport	5	8040-1129 Sport	4
Galant Sedan And Hatchback, 1.8, 2.0TD, Types E52A, E55A, E57A (Exc. Cars w/ ECS System)	94-96	8040-1172		8040-1173	8
Galant 2.0i Type E33A (Exc. AWD Cars w/ ECS)	89-93	86-2415	+, 5	80-2565	+, 8
Mirage 1.3, 1.6	92-97	86-2511	5	80-2714	8
Mirage 1.8 GTi Type CA5A	92-96	8641-1172 Sport	5	80-2714	8
Mirage 1.3, 1.5, 1.6 GTi, 1.8D, 1.8 GTi, Typ.C51, C52, C53, C54, C58	88-92	8641-1172 Sport	5	8040-1080 Sport	

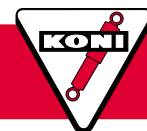
NISSAN

240 SX, All Models (Exc. Elect. Susp.)	95-99	8641-1364 Sport for OE struts only	5	8040-1226 Sport	
240SX, All Models (Exc. Elect. Susp.)	89-94	8641-1364 Sport for OE struts only	5	8040-1081 Sport	
260Z, 280Z, All Models	9/74-78	Not Available		8641-1034	*
300ZX, All Models (Disarms Elect. Susp.)	90-96	8041-1118 Sport		8040-1119 Sport	
300ZX (Exc. Elect. Susp.)	84-89	8641-1060 Sport	5	26-1248 Sport	
SPL 311, SLR 311 Convertible, 1500, 1600, 2000	65-70	80-1750		80-1751	
NX-1600, NX-2000; for 45 mm rear OE KYB Struts for 51 mm OE KYB struts	91-93	86-2463	5	86-2465	5
				86-2464	+, 5
Maxima Type QX, A32	95-99	8641-1362 Sport	5	8040-1242 Sport	
Maxima Sedan Type J30, (Exc. Elect. Susp.) for OE struts only	89-94	86-2435	5	86-2436	
Pulsar Sedan And Coupe Types KN13 And N13	87-90	86-2389 Sport	+, 5	86-2390 Sport	+, 5
Sentra, 200SX SER, Sentra SER	95-01	8640-1354	5	8040-1220	8
Sentra, Sentra SER (Exc. wagon): for 45 mm rear OE KYB struts for 51 mm rear OE KYB Struts	91-10/94	86-2463	5	86-2465	5
				86-2464	+, 5
Sentra B12 Exc. 4WD	87-90	86-2389 Sport	+, 5	86-2390 Sport	+, 5

+ Special order part. * Available until stock is depleted. 2 New application expected late '01. 4 Remove bump rubber prior to adjusting.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts. 8 Features adjustable spring seat for ride height adjustment.

D KONI Special "D" compress to adjust red alternative for select applications.



Make / Model	Year	Front	Notes	Rear	Notes
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OLDSMOBILE

88/98 (RWD)	77-85	8040-1087		8040-1088	4
88/98, All Models	71-76	8040-1087		Not Available	
Calais, All Models for Delco struts only	87-91	8641-1239 Sport	*, 5	8040-1133 Sport	
Calais, All Models	85-86	Not Available		8040-1133 Sport	
Cutlass Supreme (Exc. Ciera)	88-96	Not Available		8641-1271 Sport	*, 5
Cutlass (Exc. Ciera)	78-87	8040-1092		8040-1093	4
Cutlass Vista Cruiser	73-77	8040-1087		Not Available	
Cutlass Sedan	68-77	8040-1087		8040-1088	4
Cutlass 442	66-67	Not Available		8040-1088	4
Cutlass F-85 (Exc. 442)	64-67	Not Available		8040-1088	4
Firenza, All Models for Delco struts only	87-88	8641-1239 Sport	*, 5	8040-1133 Sport	
Firenza	82-86	Not Available		8040-1133 Sport	

PEUGEOT

405, All Models (Exc. AWD)	89-95	8741-1186 Sport	+	30-1370 Sport	+
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PLYMOUTH

Acclaim, All Models	89-94	8741-1163		8040-1050	
Barracuda, All Models	70-74	80-1538		82-1255	
Breeze	95-00	8040-1205		8040-1206	
Caravelle, All Models	86-88	8741-1163		8040-1050	
Caravelle, All Models	85-85	Not Available		8040-1050	
Fury Sedan	65-79	Not Available		82-1255	
Fury Wagon	65-73	Not Available		82-1255	
Horizon, Turismo, All Models	78-91	8741-1099		8041-1054SP1	
Laser (FWD)	90-94	8641-1231 Sport	5	8040-1128 Sport	
Neon (slotted bracket for front & rear camber adj.)	95-99	8741-1327 SP2		8741-1408 Sport	
Prowler	All	Call KONI at 859-586-4100 for Information			
Reliant, All Models	86-89	8741-1163		8040-1050	
Reliant, All Models	84-85	Not Available		8040-1050	
Road Runner, All Models	73-75	Not Available		82-1255	
Road Runner, All Models	68-72	80-1538		82-1255	
Sundance, All Models	86-94	8741-1163		8040-1050	

PONTIAC

Bonneville, All Models	82-86	8040-1092		8040-1093	4
Bonneville, Catalina, Parisienne, All Models	77-81	8040-1087		8040-1088	4
Bonneville, Catalina, Parisienne, All Models	65-76	8040-1087		Not Available	
Can-Am	78	8040-1092		8040-1093	4
Can-Am	77	8040-1087		8040-1088	4
Fiero, All Models	88	8040-1092		8741-1063	
Fiero, All Models	84-87	8040-1027		8741-1063	
Firebird, All Models	93-01	8241-1139 Sport	8	8241-1140 Sport	
—Double Adjustable Alternative		8242-1005 SP1	9	8242-1006 SP1	9
Firebird, All w/16 inch tires	85-92	8741-1030		30-1265	
—Koni Sport Alternative		8741-1030 Sport		30-1265 Sport	
Firebird, All w/14 inch & 15 inch tires	82-92	8741-1030		26-1246	
—Koni Sport Alternative		8741-1030 Sport		30-1265 Sport	
Firebird, All Models	70-81	8040-1017		8040-1018	
Firebird, All Models	69	80-1914		Not Available	
Firebird, All Models	68	80-1914		80-1953	
Firebird, All Models	67	80-1914		80-1915	



Make / Model	Year	Front	Notes	Rear	Notes
Grand Am for Delco struts only	87-91	8641-1239 Sport	*, 5	8040-1133 Sport	
Grand Am	85-86	Not Available		8040-1133 Sport	4
Grand Am	78-80	8040-1092		8040-1093	4
Grand Am	73-77	8040-1087		8040-1088	4
Grand Prix	97-01	TBA	2	TBA	2
Grand Prix	88-94	Not Available		8641-1271 Sport	*, 5
Grand Prix	78-87	8040-1092		8040-1093	4
Grand Prix	77	8040-1087		8040-1088	4
Grand Prix	71-76	8040-1087		Not Available	
Grand Prix	69-70	8040-1087		8040-1088	4
GTO, Lemans, Tempest (Exc. Wagon)	68-77	8040-1087		8040-1088	4
Lemans, All Models	78-81	8040-1092		8040-1093	4
Lemans Wagon	73-77	8040-1087		Not Available	
Parisienne, All Models	83-85	8040-1087		8040-1088	4
Sunbird, J2000 for Delco struts only	87-94	8641-1239 Sport	*, 5	8040-1133 Sport	
Sunbird, J2000	82-86	Not Available		8040-1133 Sport	
Ventura II with Multi-Leaf Rear Spring	72-74	8040-1087		8040-1088	4

PORSCHE

Tips on determining what shocks your car has: Red = generally KONI; Green = generally Bilstein; Yellow = KONI or Bilstein; Black or Gray = either Boge or Sachs					
356, 1600, 90 Series	56-65	80-1044 SP20		80-1191 SP20	
356	51-55	80-1013		80-1011	
Steering Damper		76-1099			
356	49-50	80-1013		Not Available	
911 Carrera 2 & 4, 993	95-98	8641-1365 Sport	5	Not Available	
911 Carrera 2 & 4 (Exc. Turbo), Incl. RS America, 964	11/90-94	8641-1365 Sport	5	8241-1122 Sport	8
911 Carrera 2 & 4 Coil Over Susp., 964	89-10/90	8641-1365 Sport	5	Not Available	
911, 912, Carrera, Torsion Bar Susp.: Models OE w/Koni	75-89	86-1942		30-1214	
Models Originally Equipped w/Boge		8641-1039		30-1214	
—Koni Sport Alternative For Boge		8641-1039 Sport		30-1214 Sport	
Alternative Rear For Koni Or Boge		—		8210-1159 Sport	
911, 912, Carrera (Exc. Self Leveling Front Units)	72-74				
Models Originally Equipped w/Koni		86-1638		82-1756	
Models Originally Equipped w/Boge		86-1647		82-1756	
911, 912 Models Originally Equipped w/Koni	69-71	86-1638		80-2088	
Models Originally Equipped w/Boge		86-1647		80-2088	
911, 912 Models Originally Equipped w/Koni	65-68	86-1308		8040-1083	
Models Originally Equipped w/Boge		86-1394		8040-1083	
911, 930 Turbo (Models Originally Equipped w/Bilstein)	76-89	Not Available		30-1214	
914, 914-6	70-76	8641-1077	*	8241-1050	*, 8
—Koni Sport Alternative		8641-1077 Sport		8241-1050 Sport	8
924S *WARNING* Inspect clearance between front hood & strut pin before closing hood. Original bushings may need replacement.	86-88	8641-1038	*	8040-1035	*
—Koni Sport Alternative		8641-1038 Sport		8040-1035 Sport	
924, 924 Turbo *WARNING* Inspect clearance between front hood & strut pin before closing hood. Original bushings may need replacement.	76-82	8641-1038	*	26-1209	*
—Koni Sport Alternative		8641-1038 Sport		26-1209 Sport	
928, 928S (For Models Originally Equipped w/Boge.)	78-93	8240-1085	14	8240-1086	14
If Bilstein equipped, see footnote 14					

* Available until stock is depleted. 2 New application expected late '01. 4 Remove bump rubber prior to adjusting.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts. 8 Features adjustable spring seat for ride height adjustment.

14 If Bilstein equipped use front lower spring seat 928.343.525.00; rear lower spring seat 928.333.511.04; thread bushing 928.33.513.00 from Porsche dealer.



Make / Model	Year	Front	Notes	Rear	Notes
944 S2 Coupe (Exc. Turbo)	89-91	TBA	2	8040-1035 Sport	
944 Turbo S	88-89	TBA	2	8040-1035 Sport	
944 (Exc. Turbo & Models OE w/Sachs, Sealed Units) —Koni Sport Alternative	85 1/2-89	8641-1038 8641-1038 Sport	*	8040-1035 8040-1035 Sport	*
944 (Models originally equipped with Sachs sealed strut units)	85 1/2-89	TBA	2	8040-1035 Sport	
944 Turbo	86-88	TBA	2	8040-1035 Sport	
944 (Exc. Turbo) —Koni Sport Alternative	83-85	8641-1038 8641-1038 Sport	*	Not Available 26-1209 Sport	*
968 (Exc. M030 Susp.)	92-96	TBA	2	8040-1035 Sport	

SAAB

9-3	99-01	8641-1389 Sport		8041-1191 Sport	
9-5	99-01	86-2599 Sport		80-2754 Sport	
9000 Turbo, 9000i	85-98	8641-1114 Sport OE Sachs struts only	5	8040-1057 Sport	
900, All Models	94-98	8641-1305 Sport		8041-1191 Sport	
900, 900 Turbo, Turbo 16 Valve	78-93	30-1088		26-1087	

SATURN

LS-1, LS-2, LW-1, LW-2 Threaded Suspension Kit available	Left: Right:	00-01	8710-1346L Sport 8710-1346R Sport		80-2754 Sport 80-2759 Sport	
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SUBARU

Impreza 1.6 & 1.8 Sedan and Wagon (2WD)	93-98	8610-1318 Sport OE Showa struts only	+, 5	8610-1304 Sport OE KYB struts only	+, 5
Impreza 2.5 RS (AWD)	98-01	8610-1351 Sport	5	8610-1352 Sport for OE KYB only	5
Legacy II, 2.0 and 2.2, Sedan and Wagon (2WD) OE Showa struts only	94-96	8610-1318 Sport	+, 5	Not Available	
Legacy II, 2.0 and 2.2, Sedan and Wagon (AWD)	94-96	8610-1318 Sport OE Showa struts only	+, 5	8610-1317 Sport OE KYB struts only	+, 5
Legacy 1.8 and 2.2, Sedan and Wagon 2WD and AWD (Exc. air suspension) if equipped with OE KYB rear struts	89-93	8610-1266 Sport Atsugi & Showa only	+, 5	8610-1267 Sport OE Atsugi struts only	+, 5
WRX	02	8610-1351 Sport	5	8610-1304 Sport 8610-1352 Sport	+, 5 5

SUZUKI

Swift/Cultus/Forsa, All Models Incl. types EAA33S, EAA34S, EAA35S, EAB35S, EAH35S, EAA44S, EAB44S	89-99	86-2588 Sport for OE KYB & Showa only	5	87-2429 Sport	
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TOYOTA

Camry Sedan 2.2i & 3.0-V6, Types SXV10 & VCV10, (Exc. Wagon, FOR NON-SEALED STRUTS ONLY)	6/91-96	86-2484		86-2485	
Celica GT & GTS	00-01	8641-1409 Sport		8041-1276 Sport	
Celica, 1.8 & 2.0, Types AT200 & ST200 (Exc. multilink sport susp.)	94-97	8641-1308 Sport		8641-1212 Sport for OE KYB only	5
Celica Liftback & Coupe Types AT180 & ST182, 2WD	90-93	8641-1211 Sport		8641-1212 Sport for OE KYB only	5
Celica Liftback 2.0 GT Turbo Type ST185, 4WD	90-94	8641-1211 Sport		Not Available	
Celica Incl. GTS (Exc. 4WD & AWD Supra), Types AT 160 & ST162	86-89	8641-1115 Sport		8641-1116 Sport for OE KYB only	



Make / Model	Year	Front	Notes	Rear	Notes
Corolla 1.3, 1.6, All Models (Incl. Wagon)	8/92-97	86-2523 for OE KYB only	+, 5	86-2524 for 49mm OE KYB only	+, 5
Corolla 1.3, 1.6, All Models (Exc. GTi-16V) For Sealed Front Struts	91-7/92	8641-1243 Sport	5	8641-1147 Sport	5
For NON-SEALED Front Struts	88-7/92	8641-1145 Sport		—	
Corolla 1.6 GTi-16V	88-92	8641-1146 Sport		8641-1147 Sport	5
MR2 2.0-16V, GTi, Type SW20	90-11/93	8641-1220 Sport		8641-1221 Sport	
MR2 (rear strut has M48 x 1.5 locknut)	8/86-89	8641-1071 Sport		8641-1142 Sport	
MR2 (rear strut has M42 x 1 locknut)	85-7/86	8641-1071 Sport		8641-1072 Sport	
Supra, All Incl. Turbo	93-98	30-1583 Sport	8	30-1584 Sport	8
Supra, All Incl. Turbo MA70 (Disarms Elect. Susp.)	3/86-93	8040-1063 Sport		8040-1064 Sport	

TRIUMPH

Herald, Estate, Vitesse	59-71	80-1388	4	80-1389	4
GT 6 (all) (Rear shock: 1/2" bolt; 14" - 9 1/2" travel range)	69-73	80-1388	4	80-2089	+
(Rear shock: 5/8" bolt; 12" - 9 5/8" travel range)				80-1389	4
Spitfire	69-81	80-1388	4	80-1389	4
Spitfire, GT 6	62-68	80-1388	4	80-1389	4
Stag V8, Estate, 2500PL, 2500TC	69-77	86-1664	+	80-2069	+, 4
TR-2, TR-3, TR-4	60-65	80-1005		Not Available	
TR 4A IRS, TR5, TR6, TR250	64-76	80-1784	4	Not Available	
TR7 (heavy duty), TR8	75-82	86-2057		80-1680	4

TVR

Griffith Series 200 & 400, Vixen S1 & S2, Tuscan V8, MKIII 1800S	65-71	80-2365	+, 4	80-2365 (4 required on some cars)	+, 4
2500M, Vixen 2500, 3000M, 3000SE	71-79	80-2365	+, 4	80-2365	+, 4
280i, 350i	80-89	80-2602	*, 4	80-2603	*, 4

VOLKSWAGEN

Beetle	98-01	8710-1337 Sport		80-2761 Sport	
Threaded Suspension Kit available					
Super Beetle	75-80	86-1980	+	80-2149	+
Super Beetle	74	Not Available		80-2149	+
Super Beetle	70-73	86-1741	+	80-2149	+
Beetle (Exc. Super Beetle), Karmann Ghia, Swing axle rear:	67-77	80-1787	+	80-1350	+
Squareback, Fastback, Thing IRS rear:		80-1787	+	80-2149	+
Beetle, Karmann Ghia (Exc. 1200)	66	80-1787	+	80-1350	+
Beetle, Karmann Ghia 1200 Model	66	80-1349	+	80-1350	+
Beetle, Karmann Ghia	60-65	80-1349	+	80-1350	+
Beetle, Karmann Ghia	52-59	80-1349	+	Not Available	
Corrado VR6 (Exc. G60)	92-95	87-2508	D	80-2587	D
—Ext. Rebound Adjustable Sport Alternative		8741-1259 Sport		8041-1102 Sport	8
Threaded Suspension Kit available, see pg. 5					
Corrado G60	90-92	8641-1198 Sport		8041-1108 Sport	8
Threaded Suspension Kit available, see pg. 5					
Dasher	81	86-2066 Sport		80-2475	+

* Special order part. * Available until stock is depleted. 4 Remove bump rubber prior to adjusting.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts.

8 Features adjustable spring seat for ride height adjustment.

D KONI Special "D" compress to adjust red alternative for select applications.



Make / Model	Year	Front	Notes	Rear	Notes
Golf IV, Jetta IV, All Models 4 cyl. & VR6 Threaded Suspension Kit available, see pg. 5	99-01	8710-1337 Sport		80-2761 Sport	
Golf III, Jetta III, Cabrio 4 Cyl. —Ext. Rebound Adjustable Sport Alternative Threaded Suspension Kit available, see pg. 5	93-98	87-2507 8741-1258 Sport	D	80-2542 8041-1102 Sport	D 8
Golf III, Jetta III, VR6 —Ext. Rebound Adjustable Sport Alternative Note for '93-95 VR6 cars: front strut lowers car 19mm. Use 8041-1102 Sport lower spring perch to lower rear equal amount. Threaded Suspension Kit available, see pg. 5	93-98	87-2508 8741-1259 Sport	D	80-2587 8041-1102 Sport	D 8
Golf II, Jetta II (Models w/ sealed struts) —Ext. Rebound Adjustable Sport Alternative Threaded Suspension Kit available, see pg. 5	90-92	87-2440 8741-1204 Sport	D	80-2542 8041-1102 Sport	D 8
Golf II, Jetta II (Models w/ non-sealed struts) —Ext. Rebound Adjustable Sport Alternative Threaded Suspension Kit available, see pg. 5	85-90	86-2305 8641-1085 Sport	D	80-2542 8041-1102 Sport	D 8
Passat (FWD) Threaded Suspension Kit available, see pg. 5	98-01	82-2449 Sport		8040-1227 Sport	
Passat Synchro (AWD) Threaded Suspension Kit available, see pg. 5	01	82-2449 Sport		82-2465 Sport	
Passat VR6 Sedan and Wagon (Exc. air susp.) VR6 Passat note: car will be lowered 19mm F & R Threaded Suspension Kit available, see pg. 5	93-97	8741-1289 Sport		80-2615 Sport	
Passat Sedan and Wagon (Exc. VR6 & Synchro) —For models w/o sealed struts or dent in housing —For models w/sealed struts or dent in housing Threaded Suspension Kit available, see pg. 5	90-97	86-2420 Sport 8741-1289 Sport		80-2615 Sport 80-2615 Sport	
Quantum (Exc. synchro)	82-85	86-2066 Sport		80-2475	+
Rabbit, Jetta, Scirocco, All Models (Exc. Pickup) —Ext. Rebound Adjustable Sport Alternative Threaded Suspension Kit available, see pg. 5	75-84	86-1919 8641-1048 Sport	D	80-2307 8041-1101 Sport	D 8
Rabbit Convertible, Cabriolet —Ext. Rebound Adjustable Sport Alternative Threaded Suspension Kit available, see pg. 5	79-93	86-1919 8641-1048 Sport	D	80-2307 8041-1101 Sport	D 8

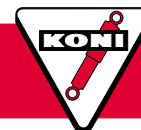
VOLVO

240, 260 Series Sedan & Wagon (Exc. Turbo & self leveling rear susp.)	75-92	86-1923		26-1129	+, 3
450, 260 Series Turbo Sedan & Wagon (Exc. self leveling rear susp.)	75-92	86-2144	*	26-1129	+, 3
740 Sedan & Wagon. See NOTE below.	7/88-92	8641-1246 Sport		30-1479 Sport	
760 Sedan (with independent rear suspension)	7/88-92	8641-1246 Sport		Not Available	
740, 760 Sedan & Wagon, from Chassis No. F0081681. See NOTE below.	85-6/88	86-2353	+	26-1244	+, 3
850, Sedan and Wagon. See NOTE below.	92-97	8710-1350 Sport		80-2712 Sport	
940 Sedan (Exc. 2.0i-16V Turbo & cars with independent rear suspension) See NOTE below.	90-93	8641-1246 Sport		30-1479 Sport	
S40, V40 1.8 & 2.0 (Exc. self leveling rear susp.)	96-98	8641-1358 Sport	5	8040-1222 Sport	
S70, V70, L70, C70 (Exc. AWD)	97-01	8710-1350 Sport		80-2712 Sport	
NOTE: Some Volvo models may be equipped with a self leveling rear suspension, in which case the rear springs must also be replaced. Models with factory lowered suspension will raise approx. 20 mm.		—		3330-1102	+

* Special order part. * Available until stock is depleted. 3 Exc. mdls w/self leveling suspension.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts. 8 Features adjustable spring seat for ride height adjustment.

D KONI Special "D" compress to adjust red alternative for select applications.



Make / Model	Year	Front	Notes	Rear	Notes
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CHEVROLET/GMC

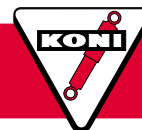
C-Series 1/2 & 3/4 ton, Silverado (2wd)	99-01	TBA	2	TBA	2
C-Series 1/2 & 3/4 ton, Silverado (2wd)	87-99	30-1656		30-1657	
C-Series 1/2 & 3/4 ton, Pickup (2wd), (Exc. Crew Cab)	73-86	82-1954		82-1955	
C-Series 1/2 & 3/4 ton (2wd)	63-72	82-1954		Not Available	
C-Series 3/4 ton Crew Cab, (2wd)	73-86	82-1954		Not Available	
C-Series 1 ton (2wd)	63-86	82-1954		Not Available	
G-Series 1/2, 3/4, & 1 ton Van, Express, Savana	97-00	82-2479		82-2480	
G-Series 1/2, 3/4, & 1 ton Van	88-96	82-2158		82-2345	
G-Series 1/2, 3/4, & 1 ton Van	70-87	82-2158		82-2159 SPA1	
K-Series 1/2, 3/4, & 1 ton Pickup, Silverado, Sierra (4wd)	99-01	TBA	2	TBA	2
K-Series 1/2, 3/4, & 1 ton Pickup, Silverado, Sierra (4wd)	87-99	82-2372		82-2384	
K-Series 1/2, 3/4, & 1 ton Pickup (4wd) (Exc. quad susp.)	73-86	82-1952	*	82-1955	
P-Series 1/2 & 3/4 ton Step Van	73-94	82-1954		82-1955	
P-Series 1 ton Step Van	73-95	82-1954		Not Available	
R-Series 1/2 & 3/4 ton Pickup (2wd), (Exc. crew cab)	87-91	82-1954		82-1955	
R-Series 1 ton Crew Cab (2wd)	87-91	82-1954		Not Available	
S-10 Blazer, Pickup, S-15 Jimmy, Sonoma (2wd)	83-01	30-1667		30-1668	
S-10 Blazer, Pickup, S-15 Jimmy, Sonoma, Syclone, Typhoon (4wd)	83-01	30-1606		30-1607	
V-Series 1/2, 3/4, & 1 ton (4wd) (Exc. quad suspension)	87-91	Not Available		82-1955	
Astro, Safari (2wd)	85-01	8240-1054		8240-1055	
Astro, Safari (Awd)	91-01	Not Available		8240-1055	
Astro (Awd)	85-90	8240-1054		8240-1055	
Blazer (K & V series 4wd) (Exc. S10 & Quad Susp.)	73-91	82-1952	*	82-1955	
Blazer (C series 2wd) (Exc. S10)	73-83	82-1954		82-1955	
Lumina MPV	89-96	86-2468	+	8000-1304	+
Suburban, (C Series 1/2 & 3/4 ton 2wd)	92-01	30-1656		30-1657	
Suburban, (K Series 1/2 & 3/4 ton 4wd)	92-01	82-2372		82-2384	
Suburban, (C & R Series 1/2 & 3/4 ton 2wd)	73-91	82-1954		82-1955	
Suburban, (K & V Series 1/2 & 3/4 ton 4wd)	73-91	82-1952	*	82-1955	
Tahoe, Yukon (2wd)	95-01	30-1656		30-1657	
Tahoe, Yukon (4wd)	95-01	82-2372		82-2384	
Tracker 2 door & 4 door (4wd only)	98-01	8641-1191 Sport		8040-1106 Sport	

DODGE

Caravan, All Models	96-00	8640-1344	5	30-1627	
Caravan, All Models	86-95	8741-1173		30-1381	
Dakota (2wd)	97-00	30-1677	2	30-1674	
Dakota (4wd)	97-00	30-1673		30-1674	
Durango (2wd)	98-00	30-1677	2	30-1674	
Durango (4wd)	98-00	30-1673		30-1674	
Ram Pickup (2wd) Exc. 3500 w/ solid axle	94-00	30-1676		30-1655	
Ram Pickup (4wd) Exc. 8800 GVW and Diesel	94-99	30-1654		30-1655	

+ Special order part. * Available until stock is depleted. 2 New application expected late '01.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts.



Make / Model	Year	Front	Notes	Rear	Notes
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FORD

Econoline E100, E150	75-91	82-1969	*	82-1970	*
Explorer, All Models	95-01	30-1614		30-1502	
Expedition (4wd) Exc. w/front air leveling	97-01	30-1669		30-1670	
F150, F250 (2wd) Exc. Superduty	97-01	30-1658		30-1659	
F150, F250 (4wd) Exc. Superduty	97-01	30-1669		30-1659	
Ranger (2wd)	98-01	30-1680		30-1672	
Ranger (4wd)	98-01	30-1614		30-1675	
Ranger (2wd)	90-97	30-1671		30-1672	
Ranger (4wd)	90-97	TBA	2	TBA	2

GEO

Tracker 2door & 4door (4wd only)	89-97	8641-1191 Sport		8040-1106 Sport	
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HONDA

CRV	97-01	8041-1243 Sport		8040-1244 Sport	
Passport	98-99	30-1663		30-1664	
Passport	94-97	30-1365		30-1366	

ISUZU

Rodeo	98-99	30-1663		30-1664	
Rodeo	94-97	30-1365		30-1366	
Trooper (4wd)	87-91	30-1365		30-1366	
Trooper (4wd)	92-96	30-1565		30-1566	

JEEP

Cherokee, Wagoneer, Series XJ (4wd)	84-01	30-1348		30-1630	
Grand Cherokee	99-01	8240-1176SPX		8240-1177SPX	
Grand Cherokee	93-96	30-1624		30-1625	
Wrangler (with independent suspension) (4wd)	97-01	30-1348		30-1630	
Wrangler, Series YJ (4wd)	87-96	30-1350		30-1351	

KIA

Sportage	94-99	8641-1318 Sport	5	8240-1148 Sport	
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LAND ROVER

Defender 90	84-98	30-1311		30-1313	
Defender 110	83-98	30-1311		30-1312	
Discovery (Series MA)	95-98	30-1311		30-1615	
Steering Damper		26-1580			
Discovery	89-94	30-1311		30-1312	
Steering Damper		26-1580			
Range Rover, all with air suspension (Exc. Classic)	95-98	30-1597		30-1598	
Range Rover, all without air suspension	71-94	30-1311		30-1312	
Steering Damper		26-1580			
Range Rover Classic, all with air suspension	94-98	84-1186		84-1187	
Steering Damper		26-1580			
Range Rover Classic, all without air suspension	94-98	30-1311		30-1312	
Steering Damper		26-1580			
Range Rover 4.2 LSE, 4.0 Vogue with air suspension	93-94	84-1186		84-1187	
Steering Damper		26-1580			

* Available until stock is depleted. 2 New application expected late '01.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts.



Make / Model	Year	Front	Notes	Rear	Notes
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MAZDA

B Series (2wd)	98-01	30-1680		30-1672	
B Series (4wd)	98-01	30-1614		30-1675	
B Series (2wd)	90-97	30-1671		30-1672	
B Series (4wd)	90-97	TBA	2	TBA	2
Navajo	95-00	30-1614		30-1502	

MERCURY

Mountaineer (Exc. Electronic Adj. Susp.)	95-01	30-1614		30-1502	
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MITSUBISHI

Montero (Exc. Air Susp.)	92-99	30-1456		30-1457	
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NISSAN

Pathfinder (strut front suspension)	96-01	86-2582		30-1637	
Pathfinder (2 door) R20 chassis	87-95	30-1365		30-1372	
Pathfinder (4 door) R20 chassis	94-95	30-1588		30-1372	

OLDSMOBILE

Bravada (4wd)	91-99	30-1606		30-1607	
Silhouette MPV	89-96	86-2468	+	8000-1304	+

PLYMOUTH

Voyager, All Models	96-00	8640-1344	5	30-1627	
Voyager, All Models	86-95	8741-1173		30-1381	

PONTIAC

Transport MPV	89-96	86-2468	+	8000-1304	+
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SUZUKI

Sidekick 2door & 4 door (4wd only)	89-98	8641-1191 Sport		8040-1106 Sport	
X-90	96-98	8641-1191 Sport		8040-1106 Sport	

TOYOTA

4-Runner	8/89-95	30-1421		30-1422	
RAV 4 (fits OE non-sealed struts only)	96-99	8641-1319 Sport		30-1599 Sport	

+ Special order part. 2 New application expected late '01.

5 Special McPherson strut insert bolted into OE housing after cutting top and removing old internal parts.

26, 28, 30 SERIES

REBOUND ADJUSTMENT PROCEDURES

The adjustment is made with the shock fully extended.

- 1 Remove the plastic dust cover to expose the adjusting button (Figure 2).
- 2 Hold the damper body by hand where the piston rod emerges from the cylinder. Push the button carefully, by hand, and hold it in that position (Figure 1 & 2). (Do not use any device, other than by hand, to depress button).
- 3 The adjusting device has been provided with a number of clearly distinguishable stops (clicks), each of which marks an adjustment position (zero + 3 clicks = 4 positions) (Figure 4).
- 4 The damper may have already been adjusted earlier. Therefore, check whether the shock absorber is in the zero

position by turning the piston rod to the left (counterclockwise) with the other hand until the zero-stop is felt - DO NOT USE FORCE!

- 5 To increase rebound, turn the piston rod one or more clicks to the right (clockwise), and release the adjusting button.
- 6 Be sure that the adjusting button fully springs back into position. As long as the button is depressed, do not turn the piston rod further; otherwise correct adjustment will be disturbed. As soon as the button has made its complete return, the piston rod may be turned freely. The damper can now be refitted.

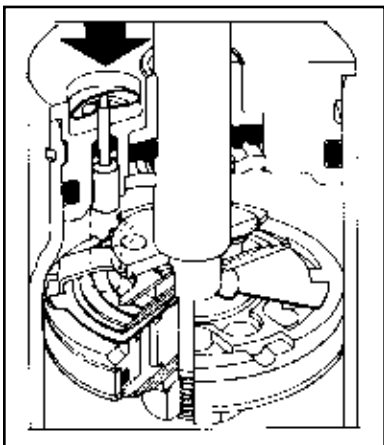


Figure 1.

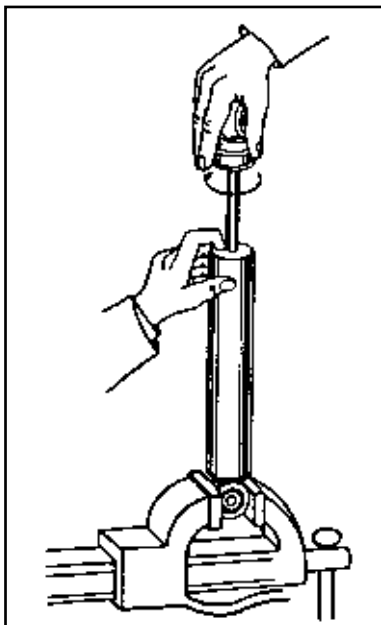


Figure 1. **UNIQUE.** The handy adjustment button. Depress the button while turning clockwise to give increased damping forces.

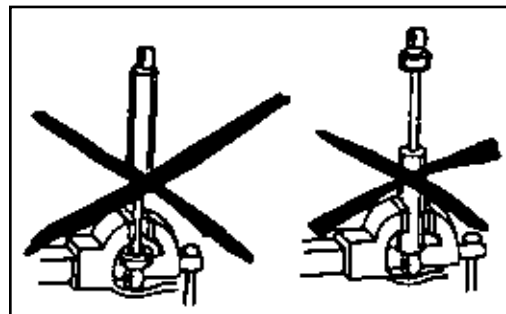


Figure 3. Do not place the shock absorber in a vise (except at the lower eye). See Figure 2.

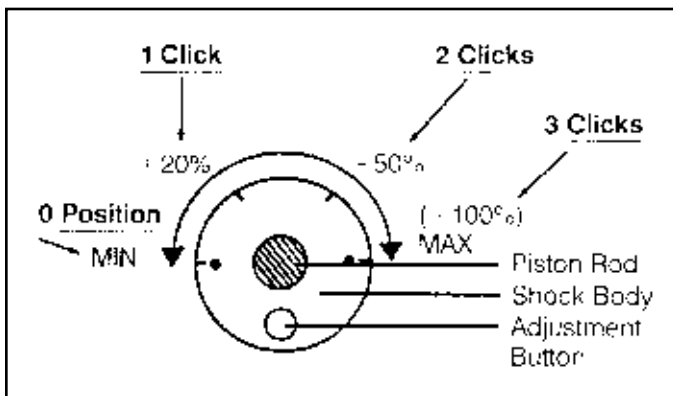


Figure 4. **Rebound Adjustment (approximate forces).** Listen for the clearly distinguishable clicks, each of which marks an adjustment position. 26 Series range limited to two clicks. 28 and 30 Series range is three clicks.

ADJUSTING DIRECTION

Clockwise = Firmer
Counter Clockwise - Softer

76, 80, 82, 86, 87, 88, 90, 8040, 8240 SERIES

REBOUND ADJUSTMENT PROCEDURES

Remove the shock absorber from the vehicle and hold it vertically with the lower eye or pin attachment in a vise. Use clamp plates to prevent damage.

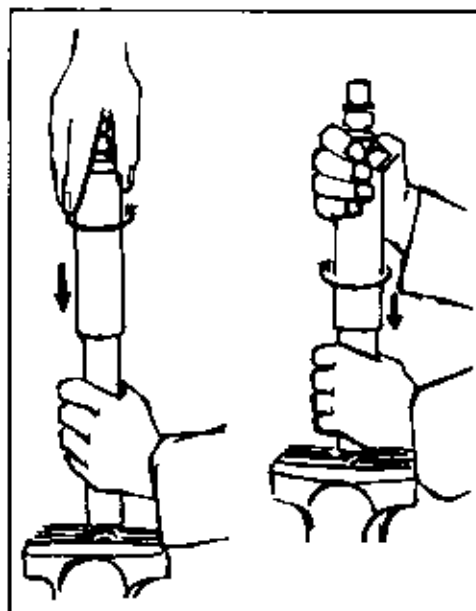
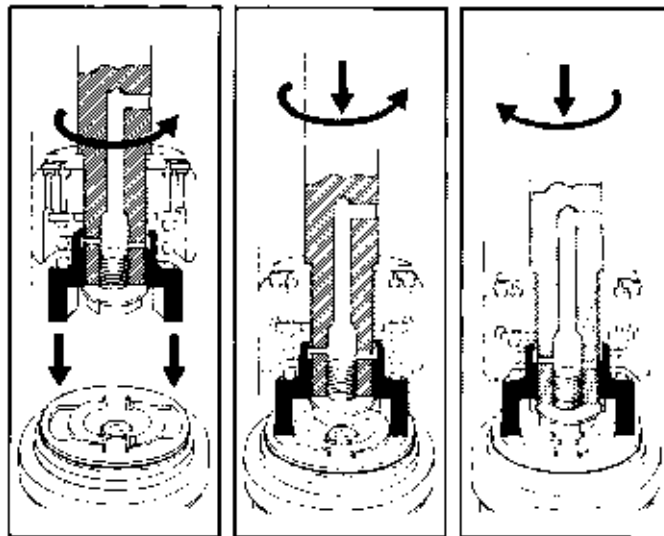
Fully collapse the shock absorber, at the same time turning the dust cap or piston rod slowly to the left (counterclockwise), until it is felt that the cams of the adjusting nut engage in the recesses of the foot valve assembly.

Some shock absorbers include a bump rubber concealed under the dust cover that must be removed prior to adjusting.

The damper may have already been adjusted. Therefore check whether the shock absorber is in the unadjusted position or not by keeping it collapsed and gently turning further to the left counting at the same time the half turns until a stop is felt. Stop turning then and do not use force.

Keeping the shock absorber collapsed, make 1 half turn (180°) to the right (clockwise). In case of prior adjustment add the number of half turns previously found. The total range is about 5 half turns.

Pull the shock absorber out vertically without turning for at least 1 cm to disengage the adjusting mechanism. The dust cap or piston rod may now be turned freely.



ADJUSTING DIRECTION

Clockwise = Firmer

Counter Clockwise - Softer

8041, 8042‡, 8241, 8610, 8641, 8710, 8741, 8742‡ SERIES

REBOUND ADJUSTMENT PROCEDURES

Externally Adjustable. These dampers can be adjusted, literally at the turn of a knob, a technique borrowed from Formula-1 racing where KONI dampers have dominated the field for years. One can switch back and forth, in most cases in a matter of seconds, from a comfortable “touring” setting to a more firm setting for a sporty drive. By means of a knob the damping forces can be altered to driving conditions or personal preferences.

‡Also adjustable in compression.

REBOUND ADJUSTMENT DIRECTION

Clockwise = Softer
Counter Clockwise - Firmer

COMPRESSION ADJUSTMENT DIRECTION

Clockwise = Firmer
Counter Clockwise - Softer



8042‡, 8210‡, 8211, 8212, 8216‡, 8242‡, 8742‡ SERIES

Independently adjustable in both compression and rebound, this series racing shock absorbers offer over 140 different combinations of compression and rebound, to finely tune the chassis for maximum performance.

General Precaution - Do not place piston rod in a vise, nor cause damage to the rod surface. (Figure 3)

Rebound - Insert a pin into the slotted adjuster located at top eye (Figure 1). Moving the pin from left to right (counter-

clockwise) will cause the forces to increase. From the minimum or factory position, there are 12 possible sweeps of adjustment (1 sweep equals 1/4 turn).

Compression - Insert a screwdriver into the lower adjustment device (Figure 2). Turning the screw driver from left to right (clockwise) will cause the forces to increase. From the factory or minimum position, there are 12 possible “clicks” of adjustment.

ADJUSTMENT DIRECTION



Figure 1. Move pin left to right to increase rebound forces (counter-clockwise).

ADJUSTMENT DIRECTION



Figure 2. Turn screw from left to right to increase compression forces. (Clockwise)

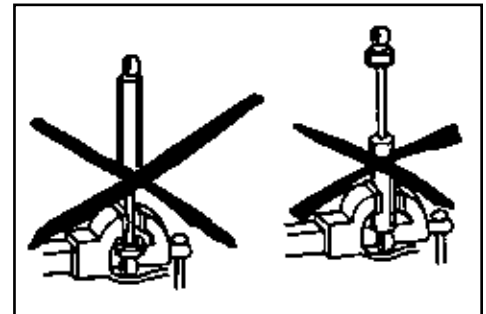
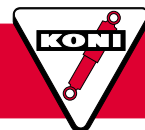


Figure 3. Do not place the shock absorber in a vise (except at the lower eye). See Figure 2.



KONI SERVICE CENTER

KONI operates a full service shock absorber service center to provide complete testing, fabrication, restoration, and revalve capabilities. The facility includes services for automotive, motorsports, heavy duty bus and truck, railway and industrial applications.

DYNO TESTING – All KONI dampers are dynamometer tested when they are manufactured, however, racing dampers should be dyno tested periodically to ensure optimum performance. KONI offers dyno services utilizing the latest technology in computer operated multi- and single speed dynos.

REBUILD – KONI dampers, in most cases, are fully rebuildable. Vintage street and racing shocks can be refurbished to like-new condition including paint and decals.

REVALVE – In cases where the original KONI valving may not be optimal for modified vehicles, the valving may be altered to match upgraded suspension requirements. KONI has developed specific valvings for motorsports applications including autocross, drag racing, oval track racing and road course racing.

SPECIAL APPLICATION CONVERSIONS – The KONI Service Center can perform a variety of special modifications including shortened and extended lengths, double and external adjustability and special mounting configurations. Contact the KONI Service Center with your special requirements.

OTHER KONI AUTHORIZED REBUILD FACILITIES – In addition to the KONI Service Center, there are two KONI authorized rebuild facilities in North America. Both utilized KONI trained technicians and KONI parts. They are TrueChoice in Hilliard, OH (800-388-8783) and Pro Parts West in Canoga Park, CA (818-348-5385).

MOBILE SERVICE FACILITIES – KONI operates mobile service units complete with dyno testing and rebuilding facilities for Research and Development and motorsports support.



HOW TO DO BUSINESS WITH THE KONI SERVICE CENTER

Call KONI at 859-586-4100, Service Center hours are 7:30 a.m. to 4:00 p.m. EST. Dampers should be sent to: KONI North America, Attn: Service Center, 1961 A International Way, Hebron, KY 41048. Please include a note with a description of the services required and your name, address and daytime telephone number.

Turn-Around Time: Normal turn-around time is two to three weeks from date of receipt but it is sometimes subject to seasonality so please call KONI in advance to determine your projected availability date. If faster delivery time is required (example: 3 working days), there will be a 50% overtime surcharge.

Terms: Without exception all shocks must be sent to KONI freight prepaid. Method of payment will be VISA or MasterCard.

Costs: Contact KONI at 859-586-4100 for current prices on services.

NON-REBUILDABLE KONI DAMPERS

Although most KONI dampers are rebuildable and revalvable, certain KONI dampers due to their unique configuration are sealed for life. Shocks which are not readily rebuildable include series: 25, 26, 2615, 30, 76, 7610 and some 8640 and 8641.

Construction	25	26	2615	2812	2816	2817	30	3011	3012	3058	76	80	82	86	87	88	90
Sealed	x	x	x				x				x						
Rebuildable				x	x	x		x	x	x		x	x	x	x	x	x

Construction	7610	8040	8041	8210	8211	8212	8216	8240	8241	8242	8610	8640	8641	8710	8740	8741	8742
Sealed	x											x	x				
Rebuildable		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

FITTING OF "BOLT-THROUGH-THE-BOTTOM" STRUT DAMPERS

For normal use on the road, the new strut dampers must be fitted straight from the box. (Original adjustment). In all other cases see enclosed adjustment instructions.

1. ATTENTION: In case of adjustable attachments mark off their position first before unscrewing the nuts to obtain correct adjustment of wheel camber and caster angles after fitting.

Remove the complete suspension unit from the car. Compress the spring with coil spring clamps. Remove the fixing parts, bump rubber, dust cover (if any), spring, etc., keeping in mind the correct sequence and position for refitting.

★ The parts (drawn in dotted lines) could be absent or of a different shape.

2. Punch in the exact center of the base of the damper housing. First drill a pilot hole of 3 mm diameter and then drill to \varnothing 14 mm (fig. a). Drain oil.

3. Saw off (depth 1.5-2 mm) the original damper housing, as shown with dotted lines in fig. b for the several types I + II. The cut must be made at highest point on the strut housing where the overall diameter is maintained. If the shock absorber interior cannot be removed by hand, use a light hammer. Remove all the inner parts. Beware of outstreaming oil.

4. Smooth the drilled hole on both sides. File off the nail W and clean the inside of the damper housing (fig. c).

5. Fit the rubber protection cover R on the strut damper (fig e-II) and slide the latter into the housing.

6. Fit now plate X - if supplied- with its profiled side directed to the bottom, then the locking ring and the bolt (fig. d).

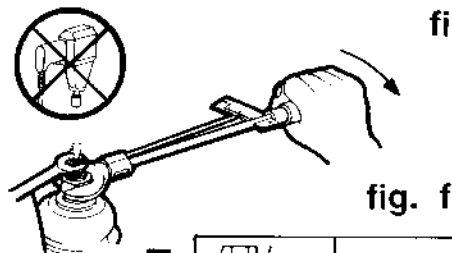
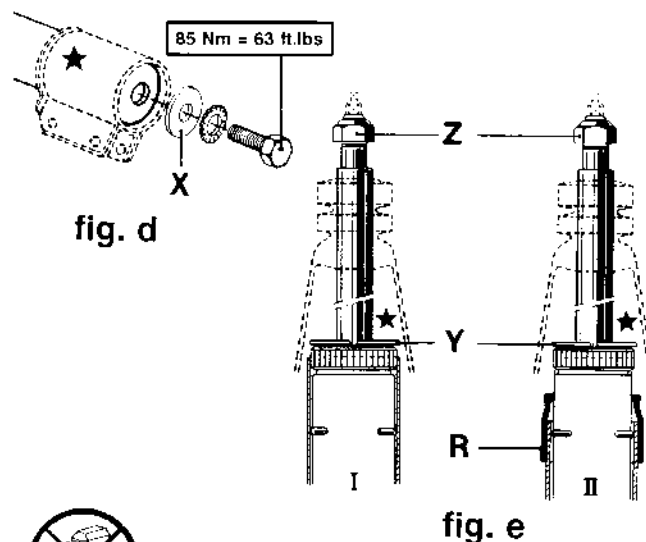
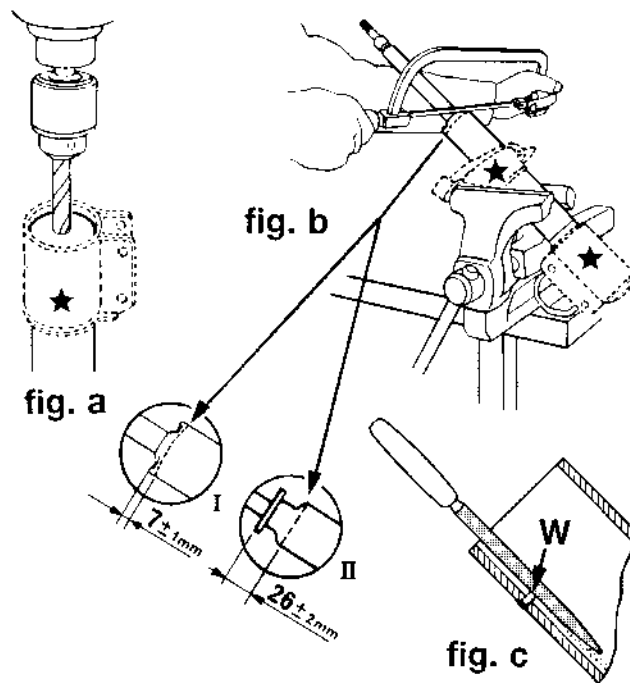
7. Draw the strut damper deeper into the original housing by tightening the bolt with a torque of **85 Nm (63 ft.lbs)** and fit the rubber protection cover as per fig. e-II.

8. De-aerate the strut damper with piston rod by fully extending and compressing it several times.

9. Keep the piston rod extended as much as possible and place plastic collar Y -if supplied- between the damper body and the bump rubber (fig. e).

10. Fit the suspension unit in reverse order of dismantling. Renew the bump rubber, dust cover etc. in case of damage.

11. Tighten the fixing nut Z home as far as stop (bush or pin collar) using the torque setting prescribed in the table. (fig. f) and release the spring.

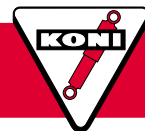


ATTENTION:

To avoid any unwanted adjustment of the strut damper never use a pneumatic or electric impact wrench.

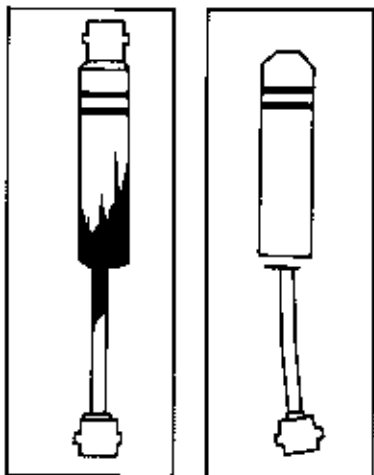
Check and set wheel alignment after fitting.

	Z					
	Nm	ft.lbs	Nm	ft.lbs	Nm	ft.lbs
M10	35	26	45	33	-	-
M12	50	37	80	59	50	37
M14	80	59	125	92	80	59
M16	120	89	180	133	120	89
M18	165	122	250	185	165	122



NON-WARRANTABLE CONDITIONS

- A** Light coating of oil. Normal wear incurred in service life. Presence of slight film is intentional and designed to help lubricate the piston rod.
- B** Bent rod/damaged shock body. Indicates improper installation, collision damage, modification or abuse.
- C** Broken or damaged mounting components (not shown). Indicates improper installation or abuse.
- D** Worn bushings and mounting rubbers (not shown). Not covered under warranty.
- E** Burned unit (not shown). Indicates exposure to fire or salvaged unit.

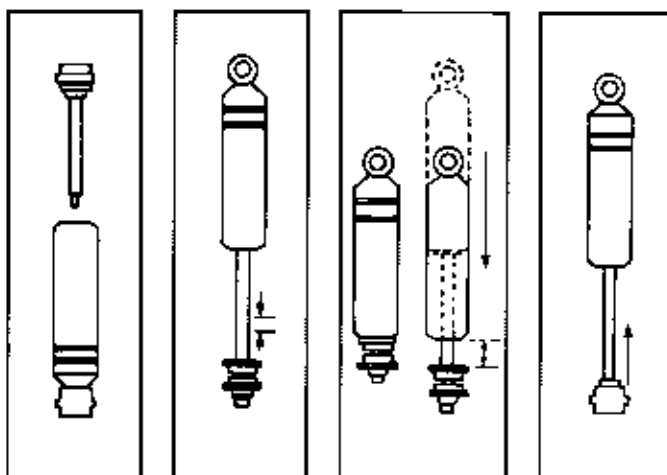


A

B

WARRANTABLE CONDITIONS

- F** Unbroken piston rod separated from shock body.
- G** Bubbling noise (26,28,30 Series only). Indicates oil and gas have mixed. Test by inverting shock, compressing and releasing.
- H** Incorrect compressed length. Compress old shock fully and measure exposed piston length to that of a new KONI of the same part number. If difference is more than 3/8" then shock is defective.
- J** Clicking noise. Test by inverting shock, compressing halfway, then quickly moving the rod up and down an inch. Pronounced end play and click sound indicate a defective shock.



F

G

H

J

DISPOSAL INSTRUCTIONS



Figure 1.

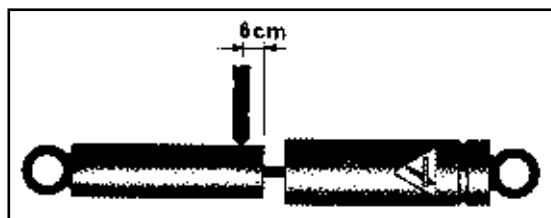


Figure 2.

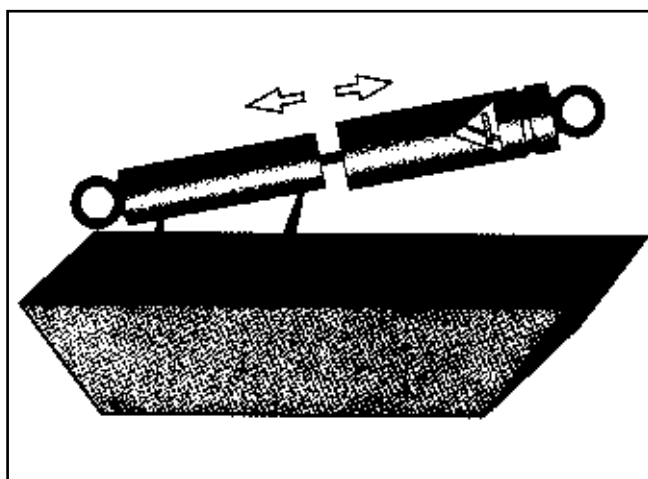


Figure 3.

These instructions apply to the red, black and yellow shock absorbers. Appropriate protective measures should be taken when removing oil and gas from discarded and defective shock absorbers.

- 1 The shock absorber should be secured in horizontal position.
- 2 The piston rod should be fully extended before drilling.
- 3 Drill a hole of approx. 5 mm diameter at 3 cm from the bottom of the shock absorber.

Caution: gas and oil will be expelled from the shock absorber. Appropriate measures should be taken to limit the loss of oil.

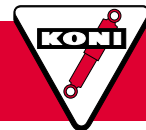
- 4 Drill a second 5 mm hole at 6 cm from the top of the shock absorber to ensure that all the oil is drained.
- 5 Move the piston rod in and out to force the oil out of the shock absorber until the oil flow stops.

The environmental protection authorities will provide information about the disposal of the oil and other components.

Environmental Protection. The hydraulic oil drained from the shock absorbers should be collected and disposed of in accordance with the legislation concerning waste oil and other wastes.



LIMITED WARRANTY



PASSENGER CAR, LIGHT TRUCK, MOTORHOME & MOTORCYCLE

KONI Inc. warrants all new KONI shock absorbers to the original retail purchaser (purchased after 5/1/80) against defects in material and workmanship, excluding mounting rubbers, washers and bushings, when used under normal operating conditions for as long as such purchaser owns the vehicle on which the KONI shock absorbers were originally installed. This warranty does not apply to, and KONI makes no warranty for, shock absorbers that have been installed;

- Improperly;
- As original equipment on any vehicle except Ford Mustang SVO;
- On any vehicle that has been modified for a use other than or in addition to its originally intended use;
- For an application that is not specified in the KONI literature;
- On any vehicle that has been used off-road, for **racing** or for any other driving competition.

HEAVY DUTY TRUCK & BUS

KONI Inc. warrants all new KONI shock absorbers to the original retail purchaser against defects in material and workmanship, excluding mounting rubbers, washers and bushings, when used under normal operating conditions for a period of 3 years or 300,000 miles, whichever occurs first, (purchased after July 1, 1990). This warranty does not apply to, and KONI makes no warranty for, shock absorbers that have been installed:

- Improperly
- As original equipment on any vehicle which was manufactured outside of the U.S.A.;
- On any vehicle that has been modified for a use other than or in addition to its originally intended use;
- For an application that is not specified in the KONI literature;
- On any vehicle that has been used off-road, for **racing** or for any other driving competition.

In the event of defect, malfunction or failure of the KONI shock absorbers to conform with this warranty, the original purchaser must complete the KONI warranty claim form and return it with the shock absorbers, a copy of the vehicle's current registration and the dated proof of purchase to the dealer from which the shock absorbers were purchased, or to any authorized KONI distributor, or the KONI Inc. Upon verification, warrantor or its servicing organization will repair or replace the shock absorbers at no cost to the original user. However, warrantor will not pay for the cost of the installation of the new or repaired shock absorbers, and the cost of postage and return shipping cost shall be prepaid by the original purchaser.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

THIS WARRANTY IS LIMITED SOLELY TO THE ABOVE AND THIS WARRANTY AND ANY WARRANTIES IMPLIED BY STATE LAW WILL APPLY ONLY FOR THE TERM STATED ABOVE.

THE WARRANTOR WILL NOT BE LIABLE FOR ANY LOSS, DAMAGE, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND WHETHER BASED UPON WARRANTY, CONTRACT OR NEGLIGENCE AND ARISING IN CONNECTION WITH THE SALE USE OR REPAIR OF THE PRODUCT.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGE SO THE ABOVE LIMITATIONS OR EXCLUSION MAY NOT APPLY TO YOU. UNLESS OTHERWISE CONTRARY TO STATE LAW GOVERNING THE PURCHASE, THE WARRANTOR'S LIABILITY SHALL NOT IN ANY CASE EXCEED THE CONTRACT PRICE FOR THE PRODUCT CLAIMED TO BE DEFECTIVE OR UNSUITABLE

(THIS WARRANTY IS APPLICABLE IN THE U.S.A. AND CANADA ONLY.)

WARRANTY RETURN PROCEDURE

- 1** Contact dealer from which shock absorbers were purchased, or to any authorized KONI distributor, or to KONI, 1961 International Way, Hebron, KY 41048, attention KONI Warranty, Phone: 859-586-4100, to obtain a Return Goods Authorization number.
- 2** Provide dated proof of purchase.
- 3** Provide copy of current vehicle registration form.

- 4** Provide your name, address, day phone number, make, model & year of vehicle and description of defect.
- 5** Return defective unit(s) - (freight prepaid) - with all mounting parts and items 2, 3 and 4.
- 6** Upon determination of valid warranty KONI will repair or replace at its discretion.