



OLD MAN EMU

4 X 4 SHOCKS & SUSPENSION

NOVEMBER 2008

**APPLICATION
CATALOGUE
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Terminologies & Explanations

Please note most suspension development has been carried out on Australian specification models. Therefore, some differences may exist between the same model in another country. Overseas customers will need to make allowances for these possible differences.

Supplying all items shown on suspension selection charts will ensure the system can be fitted, however, there will be vehicles which will not require all items, eg. Trimming kits, caster kits, all U bolts shown, etc. Actual, individual vehicle requirements can only be determined when the suspension system is fitted.

GVM - GROSS VEHICLE MASS: Set by the vehicle manufacturer and is determined by brake, axle, differential and tyre specifications. Exceeding GVM ratings can have legal and safety implications and is not recommended.

LOAD RATING - FRONT: Weights shown are maximum permissible loads with regard to accessories fitted, eg. Bull bar, winch, dual battery, etc.

LOAD RATING: The explanations below indicates the passenger and load weights that will provide optimum ride and handling.

REAR:

LIGHT LOAD: Full passenger load with luggage weights up to 150kg.

MEDIUM LOAD: Full passenger load with luggage weight varying from 200kg to 350kg.

CONSTANT LOAD: The minimum constant load shown on selection chart is required for optimum spring performance.

Please note: These loads are approximate only. Refer to individual vehicle selection for load specifications.

LIFT HEIGHT: Is shown as a guide only and equates to the amount of lift over the vehicle's original ride height. This amount can vary from vehicle to vehicle.

OE: Original Equipment, as supplied by the manufacturer of the vehicle.

SHOCK ABSORBERS: Where two part numbers are given for the same application the part with the asterisk (*) indicates the shock absorber with the firmer ride.

SPRING BUSH: OME polyurethane spring eye bushes on installation must only be greased in the bore and on the flange area and regularly thereafter with OME polyurethane grease.

STEERING STABILISER: Designed as a larger capacity replacement for the OE part and incorporates 50/50 neutral valving.

CASTER KIT: The OMECA77B, CALR1 and CALR2 kits consist of 4 eccentric bushes which are pressed into the leading arms of the vehicle. This will induce positive caster into the front geometry.

LEAF SPRINGS: A & B springs can be used to compensate for uneven vehicle weight distribution. Springs marked "A" have a greater camber height than springs marked 'B'. 'A' type springs are generally fitted to the driver's side and 'B' springs to the passenger side.

COIL SPRINGS: A & B springs are used to compensate for uneven vehicle weight distribution. 'A' type springs are generally higher in free high than the 'B' spring. Individual coil specifications are listed in the back of this publication.

GEARBOX PACKER KIT: Designed to space down the gearbox cross member from the chassis to reduce tail shaft flange angle thereby reducing driveline vibration.

GREASABLE SHACKLES: Replacement for original shackles allow easy regular greasing of polyurethane spring eye bushes.

TRIM PACKERS: The prime purpose of a trim packer is to correct slight vehicle leaning.

VEHICLES WITH LEAF SPRINGS UNDER SLUNG: Trim packer when fitted will reduce suspension height.

VEHICLES WITH LEAF SPRINGS OVER SLUNG: Trim packer when fitted will increase suspension height.

VEHICLES WITH COIL SPRINGS: Polyurethane trim packer main purpose is to correct slight vehicle trimming problems and will increase ride height when fitted.

OME 4X4 SHOCK ABSORBERS & STEERING STABILISERS

SHOCK ABSORBER SELECTION ADVICE

Where there is a choice of Nitrocharger part numbers it is important the right selection is made with consideration given to type of spring rates and customer applications.

Firm Valved Nitrocharger

The firm part number should be selected whenever heavy rate springs are fitted, as the valving has been specifically developed to control the higher spring rates. The firmer valving will provide better control when cornering, while also preventing axle bounce over rough roads.

If a softer valved Nitrocharger is fitted with a heavy rate spring the vehicle's rebound handling will be reduced. This will be evident by axle bounce over rough roads, dipping under braking or cornering and wallowing over undulating roads.

Soft Valved Nitrochargers

Valved specifically for light to medium rate springs. Most suitable for customers wanting a comfortable ride and regularly carry light to medium loads. Under full GVM load a slight amount of body roll during cornering and highway speed manoeuvring can occur.

A CAUTION FOR CUSTOMERS BUYING 4 REPLACEMENT SHOCK ABSORBERS

By the time a customer has decided to replace the old and well used original shock absorbers there is every chance that the original springs are also ready for replacement.

It should be explained to the customer that if their springs are sagged and tired that this would cause the shock absorbers to work a lot harder.

Therefore, the life expectancy of the shock absorbers will be considerably shortened and when loaded ride and handling qualities will also be reduced.

REMEMBER: A good set of shock absorbers will not overcome a bad set of springs.

		OME SHOCKS, STRUTS & CARTRIDGES	STEERING STABILISERS	
YEAR	VEHICLE DESCRIPTION	FRONT	REAR	
CHRYSLER JEEP				
2002 on	Cherokee KJ ALL Models (OME Springs)	*NS131/NS130	N132	
2006 on	Grand Cherokee WH & WK	N188S	N190	
98 to 2005	Grand Cherokee WJ & WG - Petrol Models	N111 ¹³	N117	
92 to 98	Grand Cherokee ZJ - 6 cylinder	*N39/N39C	*N40/N40C	OMESD40 ¹²
84 on	Cherokee XJ - Petrol & Diesel	*N35/N35C	*N36/N36C	OMESD40 ¹²
To 86	Cherokee Wagon & J10 Ute (Full Size)	N41 ¹	N56 ¹	
74 to 86	Cherokee W10 & J20 Utes and Cab Chassis	N41 ¹	N43	
To 86	CJ5, 6, 7, & 8	*N41/N81 ¹	*N56/N54	
2006 on	Wrangler JK - All Models	*N196/N211	*N198/N212	
97 to 2006	Wrangler TJ	*N66/N66C	N67 ⁶	OMESD40 ¹²
86 to 96	Wrangler YJ	N33	N34	OMESD40 ¹²
DAIHATSU				
92 to 97	Feroza II F310	*N18/N57G	*N49/N96	
88 to 92	Feroza I F300	*N18/N57G	N43	
93 on	Rocky F78 Wide Track	N26F	N33	OMESD31 '86 on
84 to 8/93	Rocky F70, F75, F80 & F85 Hard Top with Leaf Springs	OME027	N43	OMESD31 '86 on
84 to 93	Rocky F77 & 78 Tray Top with Leaf Springs	OME027	*N48/N97	
All	Scat Hard Top	N41/N81	*N48/N97	
FORD				
2006 on	Ranger PJ All Models	N187 ⁹	N189	
85 to 2005	Courier/Ranger Pick Up	N51 ⁹	*N53/N53C	
To 01	Explorer 4x4 Only	N16	N17	
2005 on	Ford F250 & F350	N195	N179	
99 to 2004	Ford F250 & F350	N178	N179+N180 ¹¹	
87 to 93	Raider Wagon	N51	*N53/N53C	
All	Maverick Wagon & Hard Top	*N21/N23F	*N29/N22F	To 8/89 OMESD34 9/89 on OMESD36
All	Maverick Ute & Cab Chassis	N28	N25	OMESD22
81 to 89	Bronco (Single I Beam Front End)	N52F	N42 ³	
81 to 89	Bronco (Dual I Beam Front End)	*N52F & N43 ⁴	N42 ³	
81 to 89	F100 4x4 & 4x2 (Single I Beam)	N52F	N42 ³	
70 to 80	F100 4x4 & 4x2 (Twin I Beam)	N52F	N55	
70 to 79	F250 4x4 & 4x2 (Twin I Beam)	N52F	N55	

OME 4X4 SHOCK ABSORBERS & STEERING STABILISERS

		OME SHOCKS, STRUTS & CARTRIDGES	STEERING STABILISERS	
YEAR	VEHICLE DESCRIPTION	FRONT	REAR	
HOLDEN/ISUZU				
2003 on	Rodeo/Isuzu Pick up -RA & RA7 Models/Colorado Diesel	N65	*N42/N89	
2003 on	Rodeo/Isuzu Pick up - RA Models/Colorado V6	N150	*N42/N89	
7/81 to 2003	Rodeo/Isuzu Pick Up KB4, KBD4 & TFS	*N65/N26F	*N42/N89	
4/92 to 2003	Jackaroo/Trooper & Monterey (Isuzu Wagon)	N65	*N15/N15C	
11/86 to 3/92	Jackaroo/Trooper	*N65/N26F	N88 ¹⁵	
82 to 10/86	Jackaroo/Trooper	*N65/N26F	*N42/N89	
99 to 6/2003	Frontera Wagon	*N65/N26F	N102	
95 to 98	Frontera 2 Door UT	N26F	N15C	
85 to 87	Drover QB (OE Springs)	OME025	OME023	OMESD30
85 to 87	Drover QB (OME Springs Fitted)	OME015	OME013	OMESD30
HYUNDAI				
2001 on	Terracan V6	N170	*N172/N171	
2001 on	Terracan Diesel	N162	*N172/N171	
KIA				
2006 on	Sorento All Models	N147S + N148S	N205	
02 to Late 06	Sorento All Models	N147S + N148S	N149	
LAND ROVER				
99 to 04	Discovery Series II (Coil Models only)	*N107/N107C	*N108/N108C	OMESD02
91 to 99	Discovery Series I	*N115/N45F	*N44/N46	OMESD11
94 to 2001	Range Rover MK II P38A Models	N176 ¹⁹	N177 ¹⁹	
To 5/95	Range Rover (Except Air Bag Models)	*N115/N45F	*N44/N46	OMESD11
84 on	Defender & County 90, 110 & 130	*N115/N45F	*N44/N46	OMESD32
To 84	Land Rover Series I, II & III (80" & 109")	N78	N69	OMESD11
To 84	Land Rover Series II & III (88" SWB)	N78	N90	OMESD11
MAHINDRA				
90 to 93	Bushranger & Stockman CJ340	*N41/N81 ¹	*N41/N81 ¹	
MAZDA				
2006 on	Mazda BT50 All Models	N187 ⁹	N189	
87 to 2005	B2600 Pick Up All Models	N51 ⁹	N53	
MITSUBISHI				
4/00 on	Pajero/Montero NS, NM & NP (3.2 Diesel)	*N203S/N129S	*N204/N152/N110	
4/00 on	Pajero/Montero NS, NM & NP Wagon & Hard Top (V6)	*N203S/N129S/ N109S	*N204/N152/N110	
91 to 3/00	Pajero/Montero (Coil Springs) NH, NJ, NK & NL	N18	N64	
91 to 3/00	Pajero/Montero (Leaf Springs) NH, NJ, NK & NL	N18	*N56/N54	
89 to 5/91	Pajero/Montero (Coil Springs) NF & NG	N60G	N62G	
To 4/91	Pajero/Montero (Leaf Springs) NA, NB, NC, ND, NE, NF & NG	N60G	*N56/N54	
00 on	Challenger/Montero Sports (Coil Springs)	N57G	N116	
98 to 00	Challenger/Montero Sports (Leaf Springs)	N57G	*N56/N54	
2006 on	Triton/L200 ML All Models	N186S	*N59/N54	
9/96 to 2005	Triton/L200 MK All Models	*N18/N57G	N30 or N30E ¹⁶	
91 to 8/96	Triton/L200 V6 (OE Springs)	N60G	N89	
91 to 8/96	Triton/L200 (V6) MH & MJ	N60G	N30	
86 to 8/96	Triton/L200 (4 Cylinder) ME, MF, MG, MH & MJ	N60G	*N89/N95	
To 86	L200 MA, MB, MC & MD	N60G	*N89/N95	
To 9/86	L300 Vans SA, SB, SC & SD	N60G	N89	

OME 4X4 SHOCK ABSORBERS & STEERING STABILISERS

OME SHOCKS, STRUTS & CARTRIDGES

STEERING STABILISERS

YEAR	VEHICLE DESCRIPTION	FRONT	REAR	
NISSAN				
2/00 on	Patrol Y61 (GU) Series II SWB & Wagon	*N19/N19C	*N29/N29C ⁷	OMESD01
97 to 1/00	Patrol Y61 (GU) Series I Wagon & SWB	*N19/N19C	*N29/N29C ⁷	OMESD11
97 on	Patrol Y61 (GU) Cab Chassis (Leaf Spring Rear)	*N19/N19C	N25	
97 on	Patrol Y61 (GU) Cab Chassis (All Coil Springs)	*N19/N19C	*N29/N29C ⁷	OMESD11
To 8/89	Patrol Y60 (GQ) Wagon & SWB	*N21/N23F	*N29/N22F	OMESD34
9/89 on	Patrol Y60 (GQ) Wagon, SWB & Cab Chassis	*N21/N23F	*N29/N22F	OMESD36
88 to 7/97	Patrol Y60 (GQ) Ute & Cab Chassis (Leaf Springs)	N28	N25	OMESD22
8/83 to 88	Patrol MQ Wagon, SWB, Ute & Cab Chassis	N49	*N48/N97	OMESD22
80 to 7/83	Patrol MQ Wagon, SWB, Ute & Cab Chassis	*N47/N96	*N48/N97	OMESD22
67 to 79	Patrol 60 & G60 Series	N49	N49	OMESD22
2005 on	Pathfinder R51	N183S	N184	
2/99 to 2005	Pathfinder R50	N143S+N144S ¹⁴	N104	
96 to 1/99	Pathfinder R50	N143S+N144S ¹⁴	*N61/N61C	
86 to 8/95	Pathfinder/Terrano WD21	N26F	*N42/N89	OMESD35
2005 on	Navara D40	N183S	N185	
1/86 to 8/02	Navara D21 & D22 Pick Up	N58 ⁵	*N59/N56	OMESD35 ¹⁷
10/02 on	Navara D22	N151 ⁵	*N59/N56	
1/86 on	Navara D21 & D22 Pick Up 4x2	*N18/N57G ⁵	*N41/N81	
96 to 2005	Terrano II 4x4 (European Models) (OE Springs)	N26F	N30	
80 to 85	720 Ute & Cab Chassis	*N18/N57G ⁵	*N42/N89	
SUZUKI				
2001 on	XL7 Wagon V6	N173S	N153	
95 to 2005	Grand Vitara 4 & 6 Cylinder	N103S	N105	
7/88 to 2005	Vitara TA01 & TD01 & Wagon	N103S	N105	
7/88 to 2005	Vitara TA012 TD01 SWB	N103S	N32	
All	Jimny SN413 (OE Springs)	OME028	OME030²⁰	
All	Jimny SN413 (OME Springs)	OME028	OME029	
To 2004	Santana Samurai All Models	OME034	OME035	OMESD30 ¹⁸
82 to 95	Sierra SJ410 & SJ413 Ute MG410 / WT1000cc (OME Springs)	OME015	OME013	OMESD30 ¹⁸
88 to 96	Sierra SJ70, SJ71, SJ413, MG410 / WT1300cc (OME Springs)	OME025	OME013	OMESD30 ¹⁸
78 to 12/81	LJ80 & LJ80V SWB (OME Springs)	OME015	N43	OMESD30 ¹⁸
78 to 12/81	LJ80 & LJ80V SWB (OE Springs)	OME025	N/A	OMESD30¹⁸
78 to 12/81	LJ80 Ute (OME Springs)	OME015	OME013	OMESD30
74 to 12/81	540, LJ10, LJ20 & LJ50 (OME Springs)	OME015	OME013	
SSANGYONG				
To 2005	Musso, Sport Utility & Korando Models	N65	N118	
TOYOTA				
2007 on	LandCruiser 200 Series V8	N208S ¹⁰	*N210/N209	
3/98 on	LandCruiser 100 Series (IFS)	*N199/N133/N100	*N200/N101/N101C ²	
3/98 on	LandCruiser 100 & 105 Series (Front Live Axle)	*N73/N70	*N74E/N71E ²	OMESD24
4/90 to 98	LandCruiser 80 Series	*N73/N70	*N74E/N71E ²	OMESD24
4/2003 on	Prado 120 Series (Except TEMS/Grande Models)	*N201S/N140S/ N139S	*N202/N142/N141	
7/96 to 10/02	Prado 95 & KZJ90 Series	*N91S/N91SC	*N86/N86C	
2007 on	LandCruiser 78 & 79 Series V8 Diesel Model	*N181/N106	*N197/N75E	OMESD47
2007 on	LandCruiser 76 Series Wagon - V8	*N181/N106	*N197/N75E	OMESD47
99 to 2006	LandCruiser 78 & 79 Series - 6 cylinder models	N106	*N75F/N75E ²	OMESD24
85 to 99	LandCruiser 75 Series	*N50/N88	*N75F/N75E ²	OMESD24
All	LandCruiser II LJ/RJ70, LJ/KZJ71 & LJ/KZJ78 Models	N77	N79	OMESD24
84 to 90	LandCruiser Bundera, SWB, LJ70 & RJ70 Series	N114	N112&N113	
85 on	LandCruiser 70,73 & 74 Series	*N50/N88/N92	*N85/N94	OMESD24
All	LandCruiser HZJ71 & HJZ74 Series	*N106/N106C	N68	OMESD24
86 to 3/90	LandCruiser 60,61 & 62 Series (Rear Lower Pin 19mm)	*N50/N88/N92	*N90/N85/N94	OMESD24
80 to 86	LandCruiser 60 Series (Rear Lower Pin 16mm)	*N50/N88/N92	*N42/N89/N95	OMESD24
80 to 86	LandCruiser 60 Series (OE Springs)	N50	N42	OMESD24
86 to 3/90	LandCruiser 60 Series (OE Springs)	N50	N90	OMESD24

OME 4X4 SHOCK ABSORBERS & STEERING STABILISERS

		OME SHOCKS, STRUTS & CARTRIDGES		STEERING STABILISERS
YEAR	VEHICLE DESCRIPTION	FRONT	REAR	
TOYOTA (continued)				
To 11/80	LandCruiser FJ55	N43	N42	
To 12/84	LandCruiser 45 & 47 Series	*N41/N81	*N42/N89	OMESD23
To 12/84	LandCruiser BJ, FJ & HJ 40 & 42 Series All Models	*N41/N81	*N89/N95	OMESD23
To 12/84	LandCruiser BJ, FJ & HJ 40 & 42 Series All Models (OE Springs)	N41	N42	OMESD23
2005 on	Fortuner	*N167S/N166S	N191	
2006 on	FJ Cruiser	N140S	N141	
2005 on	HiLux Vigo KUN26R, GGN25R	*N167S/N166S	*N169/N168	
9/97 to 04	HiLux Tiger LN172, LN167, KZN 165, RZN174 & RZN169 (IFS)	*N87/N80	*N75&N75E/ N68&N68E ⁸	OMESD33
9/83 to 8/97	HiLux LN65, YN65, LN106 & RN105 (All Leaf Suspension)	*N93/N84	*N85/N94	OMESD21
9/83 to 8/97	HiLux LN65, YN65, LN106 & RN105 (OE Springs)	N84	*N90/N85	OMESD21
88 to 8/97	HiLux/4 Runner LN107, RN105, RN110 & LN111 (IFS)	N98	*N85/N94	
88 to 8/97	HiLux/4 Runner LN107, RN105, RN110 & LN111 (IFS) (OE Springs)	N98	*N90/N85	OMESD33
To 8/83	HiLux LN46 & RN46 (All Leaf) (Rear Lower Pin 16mm)	*N93/N84	*N89/N95 ²	OMESD21
To 8/83	HiLux LN46 & RN46 (All Leaf) (Rear Lower Pin 16mm) (OE Springs)	N84	*N42/N89	OMESD21
84 to 97	HiLux 4x2 Models	N83	N54	
2003 on	4 Runner (USA)	N140S	N142	
96 to 2002	4 Runner Front & Rear Coil Springs (USA)	N91S/N91SC	N86/N86C	
90 to 1996	4 Runner (IFS) Front Torsion Bar/Rear Coil Springs	N98	N72F	OMESD33
86 to 1990	4 Runner (IFS) Rear Leaf Springs (OE Springs)	N98	N85/N94	OMESD33
86 to 1990	4 Runner (IFS) Rear Leaf Springs	N98	N85/N94	OMESD33
84 to 1986	4 Runner (Front Live Axle) (OE Springs)	N84	N90/N85	OMESD21
84 to 1986	4 Runner (Front Live Axle)	N93/N84	N85/N94	OMESD21
82 to 83	Blizzard	*N41/N81	N48	
97 to 2003	Kijang (4th Gen.)	N128	N56	
10/2004 on	Tacoma V6	N140S	N182	
To 2004	Tacoma V6	*N91S/N91SC	N85	
2007 on	Tundra	N192S	N193	
VOLKSWAGON				
85 to 90	Syncro 4x4	N38S	N37	

NOTES: *first part number has firmer valving.

- 1983 and on wide track CJ Jeeps require bush kit OMEB27 for the front lower mount and all Cherokee wagons and Mahindra lower front and rear mounts.
- Shock lower body stone guards are recommended fitment to rear shocks to protect against severe stone peppering encountered on loose road surfaces. OME661 (suit LandCruiser 80 & 100 Series only) OME660 (all other models).
- 1981 on F100 and Bronco require bush kit OMEB27 on bottom rear mount.
- Ford dual shocks. N43 fitted in front of N52F.
- It may be necessary to slightly increase the clearance in the front wishbone to allow the shock absorber to fit. Do not modify the shock absorber.
- FK16 20mm bump stop spacer kit **mandatory** fitment.
- FK18 rear sway bar extension bracket for LWB models and FK24 for SWB models are **mandatory** fitment with Nitrochargers to prevent damage to sway bar due to increased wheel droop.
- N75E and N68E are 20mm longer and must only be installed to right hand side.
- FK22 support brackets must be installed to upper shock mounting brackets on late 1996 on models manufactured in Thailand.
- N208S can only be installed with OME Coil Springs.
- N179 suits models with single rear shock set up. Models with twin rear shocks require N179 fitment rear of axle, N180 front of axle, also fitment of OME660 stone shields are recommended on the N180.
- OMESD40 will only fit left hand drive models.
- To obtain maximum ride quality improvement it is recommended that an OME replacement stabiliser bar (OMESTAB1) be fitted.
- Models with ABS will require an SMP638 ABS bracket kit.
- OMEB11 bush kit is required to convert lower 19mm bush to 16mm ID.
- To prevent possible rear spring inversion the OE shock absorber length must be matched to the closest open length to either N30 or N30E.
- OMESD35 will suit D21 models only.
- Only suitable for models equipped with original steering damper.
- Shocks are the same length as OE.
- OME030 is shorter than OME029 and must be used with OE coils to ensure coils remain entrapped.

Note: Replacement dust boot part numbers: Nitrocharger OME412422

COMPACT AWD - OME SPRING & SHOCK ABSORBER

YEAR		LIFT F/R (mm)	FRONT	UNIT PRICE	REAR	UNIT PRICE
DAIHATSU						
97 to 2006	Terios J100 J102	20/20	OME531		OME532	
FORD						
To 06/2006	Escape BA ZA AB	30/30	OME904		OME905	
	Front-Cartridge, Rear - Nitrocharger		NC145 ¹		N146	
2004 to 10/07	Territory SX SY AWD (4WD)	20/30	OME533		OME534	
GM / OPEL						
2006 on	Captiva, Antara - V6 (3.2) & Diesel	20/30	OME529		OME530	
HONDA						
01/2007 on	CRV	20/20	OME535		OME536	
12/01 to 01/07	CRV MY 2002 MY 2005	-/20	CANNOT LIFT		OME538	
10/97 to 11/01	CRV RD	30/30	OME797		OME798	
	OME Struts to Suit OME Springs		N126S		N127S	
HYUNDAI						
05/2006 on	Santa Fe CM V6 (2.7) & Diesel	20/30	OME527		OME528	
2000 to 2005	Santa Fe	10/20	OME907		OME908	
	OME Front - Cartridge, Rear - OME Gas		NC160 ¹		OME033	
KIA						
2005 on	Sportage V6 & Diesel	20/20	OME525		OME526	
1997 to 2003	Sportage JA MY02 MY03 - V6	20/30	OME523		OME524	
LAND ROVER						
11/00 to 1/04	Freelander V6 & 2Ltr Diesel DOHC - Wagon	10/20	OME502		OME503	
To 10/2000	Freelander 4 Cylinder Petrol Wagon	10/20	OME504		OME505	
	OME Cartridge to Suit OME Springs		NC137 ¹		NC138 ¹	
To 10/2000	Freelander V6 & 2Ltr Diesel DOHC	10/20	OME500		OME501	
	OME Cartridge to Suit OME Springs		NC137 ¹		NC138 ¹	
LEXUS						
2003 on	RX-330 4WD MCU38R MY05 - V6	20/30	OME509		OME510	
MAZDA						
To 06/2006	Tribute YU MY03 MY04	30/30	OME904		OME905	
	Front - Cartridge, Rear - Nitrocharger		NC145 ¹		N146	
NISSAN						
2007 on	X-Trail Petrol	25/25	OME511		OME512	
	X-Trail Diesel	25/25	OME513		OME512	
2001 to 10/06	X-Trail: Front - Petrol - OME506, Diesel - OME507	20/30	OME506 / 507		OME508	
	OME Cartridge to Suit OME Springs		NC161 ¹		NC163 ¹	
SUBARU						
7/2002 on	Forester MY03 MY04 MY05	20/20	OME519		OME520	
9/2003 on	Outback 4th Gen MY04 MY05 MY06 4Cyl	20/20	OME516		OME518	
9/2003 on	Outback 4th Gen MY04 MY05 MY06 6Cyl	20/20	OME517		OME518	
TOYOTA						
03/2006 on	Kluger MCU20R - V6	20/20	OME509		OME510	
01/2006 on	Rav 4 LWB ACA33R	30/30	OME539		OME540	
07/00 to 08/05	Rav 4 SWB & LWB ACA20R ACA21R - Diesel	40/40	OME799		OME795	
07/00 to 08/05	Rav 4 SWB & LWB ACA20R ACA21R - Petrol	40/40	OME793		OME795	
	OME Struts / Gas Shocks to Suit OME Springs		N119S+N123S		OME031	
To 2000	Rav 4 LWB SXA11R MY98 MY99 - Petrol	25/25	OME793		OME794	
	OME Struts / Gas Shocks to Suit OME Springs		N206S+N207S		OME031	
To 2000	Rav 4 SWB SXA11R MY98 MY99 - Petrol	25/25	OME793		OME796	
	OME Struts / Gas Shocks to Suit OME Springs		N206S+N207S		OME031	

NOTES:

1. Refer to pages 110 - 111 for fitting instructions.

4X4 LTR REMOTE CANISTERS

LTR SHOCKS

YEAR	VEHICLE DESCRIPTION	FRONT	REAR
LAND ROVER			
91 to 99	Discovery Series I	LTR04F R&L	LTR04R
84 on	Defender & County 90, 110 & 130	LTR05F	LTR05R R&L ⁴
NISSAN			
2/00 on	Patrol Y61 (GU) Series II SWB & Wagon	LTR07F	LTR07R ¹
97 to 1/00	Patrol Y61 (GU) Series I Wagon & SWB	LTR07F	LTR07R ¹
97 on	Patrol Y61 (GU) Cab Chassis (All Coil Springs)	LTR07F	LTR07R ¹
To 8/89	Patrol Y60 (GQ) Wagon & SWB	LTR02F	LTR02R
9/89 on	Patrol Y60 (GQ) Wagon, SWB & Cab Chassis	LTR02F	LTR02R
TOYOTA			
3/98 on	LandCruiser 100 Series (IFS)	LTR06F	LTR06R R&L ²
3/98 on	LandCruiser 105 Series (Front Live Axle)	LTR01F	LTR03R R&L ²
4/90 to 98	LandCruiser 80 Series	LTR01F	LTR01R R&L ²
99 to 2006	LandCruiser 78 & 79 Series (6 cylinder models only)	LTR09F	LTR09R R&L
9/97 to 04	HiLux LN172, LN167, KZN165, RZN174 & RZN169 (IFS)	LTR08FL/FR	LTR08RL/RR ³

NOTES:

- FK18 rear sway bar extension bracket for all models without detachable sway bar and FK24 for all models with detachable sway bar are mandatory fitment with Nitrochargers to prevent damage to sway bar due to increased wheel droop.
- Fitment of a rear stone flap kit is mandatory to the control arms to prevent stone damage to the shock absorber. OME662 suits models with 34mm diameter. OME664 suits models with 43mm diameter.
- Fitment of OME663 stone flap kit is **mandatory** to prevent damage to piston rod from stone peppering.
- LTR05R suits early model defenders where the fuel pump is **not** mounted inside of the right rear mud guard.

Note: Replacement dust boot part numbers: Nitrocharger OME512422

GASSING REMOTE CANISTER SHOCK ABSORBERS

The only recommended gas to use in LTR shock absorbers is Nitrogen. A Schrader valve, part number 2755, from Schrader Automotive Inc is required to guarantee correct pressure is reached. When using a Schrader valve to gas your LTR Shock absorber first set the pressure gauge to the required pressure. Attach the Schrader valve to the air fitting at the end of the remote canister. Gas the canister until the shock absorber shaft is fully extended, hold gas pressure for 30 seconds, release Schrader valve and remove.

Note: This can be done for you by your Old Man Emu Stockist.

Important: Gassing of your LTR shock absorber should be carried out before fitment to the vehicle. If LTRs are already fitted the vehicle's suspension should be at full extension before gassing.

MINIMUM/MAXIMUM GAS PRESSURE

On Road/Off Road 40-80psi (2.8 - 5.5 BAR)

Competition 80-100psi (5.5 - 6.9 BAR)

An increase in gas pressure firms up ride quality but will not alter ride height

MAINTENANCE

The following checks need to be carried out as part of regular vehicle maintenance.

To ensure maximum cooling of your LTR shock absorber inspect the shock absorber body and canister for any mud and debris build up and clean if necessary

Check that the polyurethane boot is securely fastened in place and that it is not damaged. If the boot is found to be detached thoroughly clean the shock absorber shaft and inside the boot before reattaching it.

Ensure all polyurethane bushes, locating washers and nuts are in good condition and securely fastened.

To ensure maximum shock absorber performance check gas pressure every 20,000km

4X4 COMPETITION SHOCK & SPRING SELECTION

WARNING

WARRANTY EXCLUSION DISCLAIMER

Due to the unusual component design requirements and the severe nature of competition usage, the normal Old Man Emu product warranty conditions do not apply to any products listed on this page.

NISSAN PATROL Y60 & Y61 MODELS						
COMPETITION SHOCKS AND COIL SPRINGS						
Lift	Location	Coil Spring Part No.	Coil Rate	Coil Length (mm)		Shock Part No.
				A	B	
75mm	FRONT	OME412	250 LBS	460	445	N19L
	REAR	OME415	290 LBS	510	495	N29L
100mm	FRONT	OME413	250 LBS	485	470	N19L
	REAR	OME416	290 LBS	535	520	N29L
125mm	FRONT	OME414	250 LBS	510	495	N19L
	REAR	OME417	290 LBS	560	545	N29L

TOYOTA LANDCRUISER 80 & 100 SERIES MODELS						
COMPETITION SHOCKS AND COIL SPRINGS						
Lift	Location	Coil Spring Part No.	Coil Rate	Coil Length (mm)		Shock Part No.
				A	B	
75mm	FRONT	OME418	300 LBS	505	515	N73L
	REAR	OME421	280 LBS	480	490	N74L
100mm	FRONT	OME419	300 LBS	530	540	N73L
	REAR	OME422	280 LBS	505	515	N74L
125mm	FRONT	OME420	300 LBS	555	565	N73L
	REAR	OME423	280 LBS	530	540	N74L

IMPORTANT:

The products listed in this selection chart are deemed by Old Man Emu to be suitable only for Off Road use and their legality for public road use should be certified by the relevant Registration Authority.

Modifications and replacement of other associated components will be required.

Lift increase is approximate and based on standard vehicle weights.

4X4 COMPETITION SHOCK & SPRING SELECTION

WARNING

WARRANTY EXCLUSION DISCLAIMER

Due to the unusual component design requirements and the severe nature of competition usage, the normal Old Man Emu product warranty conditions do not apply to any products listed on this page.

Nitrocharger L Series

Vehicle	Front	Open	Closed	Rear	Open	Closed
Jeep JK	N196L	693	404	N198L	706	422
Jeep XJ	N35L	678	392	N36L	622	366
Jeep YJ	N33L	748	422	N34L	622	366
Jeep TJ	N66L	678	392	N67L	622	366
Jeep ZJ	N39L	678	392	N40L	655	389
Patrol Y60, Y61	N19L	555	322	N29L	716	426
LandCruiser 80, 100	N73L	667	381	N74L	673	387

Selection for individual vehicles depends on:

1. Open and closed length requirements
2. Vehicle front and rear weight distribution

The table below lists suggested selection for various competition vehicle types.

Vehicle Type	Front	Rear
Buggies	OME007: 1per side	OME007: 1 per side
		= Multiple fitment required
		*OME018: 2 per side
Baja	OME007: 1 per side	OME007: 2 per side
		OME018: 2 per side
4WD - Large	N76: 4 per side	N76: 2 per side
- Small	N76: 3 per side	N76: 2 per side

*HANDLING VARIATION CAN BE CHANGED BY REMOVING ONE SHOCK

Shock Characteristics & Specifications

Part No	Top Mount	Lower Mount	Open Length	Closed Length	*Characteristic
OME007	Large Eye	Large Eye	600mm	359mm	Compression
OME018	Large Eye	Large Eye	585mm	359mm	Rebound
N76	Large Eye	Large Eye	680mm	408mm	Rebound

*INDICATES THE PROMINENT VALVING FIRMNESS

Warranty Implications

The fitter selling these shocks **must** inform the customer there is **no warranty** due to the severe nature of competition racing. The fitter must also note on the customer's receipt "racing application no warranty applies". This will prevent any future misunderstanding.

JEEP GRAND CHEROKEE WH / WK

FRONT <i>Estimated Lift: 50mm</i>	V8 PETROL & DIESEL		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 40 KGS	OME990	2	
STRUT	N188S	2	
SPRING: 41 TO 100 KGS	OME991	2	
STRUT	N188S	2	

REAR <i>Estimated Lift: 55mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME992	2	
SHOCK ABSORBER	N190	2	
SPRING: HEAVY LOAD	OME993	2	
SHOCK ABSORBER	N190	2	

JEEP GRAND CHEROKEE WJ & WG

FRONT <i>Estimated Lift: 40mm</i>	V6 & V8 PETROL ENGINES			DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 40 KGS	OME935	2		OME936	2	
SHOCK ABSORBER	N111	2		N111	2	
SPRING: 41 TO 90 KGS	OME936	2		OME936 ^[2]	2	
SHOCK ABSORBER	N111	2		N111	2	
TRIM PACKER	OMEWJPF10			OMEWJPF10 ^[2]		
STABILISER BAR	OMESTAB1 ^[1]	1		OMESTAB1 ^[1]	1	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME944	2	
SHOCK ABSORBER	N117	2	
SPRING: HEAVY LOAD	OME945	2	
SHOCK ABSORBER	N117	2	
TRIM PACKER	OMEWTJPR10		

REMARKS:

- OMESTAB1 is a lighter rate OME replacement stabiliser bar which is a recommended fitment so maximum ride quality improvement can be obtained. (OMESTAB1 does not suit Diesel Models).
- Add 1 only OMEWJPF10 Trim Packer to increase ride height for vehicles with Bull Bar and Winch.

JEEP GRAND CHEROKEE ZJ

FRONT <i>Estimated Lift: 20 - 25mm</i>	6 CYLINDER & V8 ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 40 KGS	OME931 1	2	
	OME934		
SHOCK ABSORBER	*N39 / N39C	2	
SPRING: 41 TO 90 KGS	OME930 1	2	
	OME934		
SHOCK ABSORBER	N39	2	
STEERING DAMPER	OMESD40 2	1	
COIL PACKER	OMEJGF10		

REMARKS:

1 OME931 and OME930 suit 6 cylinder models. OME934 suits V8 models.

2 OMESD40 will only fit left hand drive models.

REAR <i>Estimated Lift: 20 - 25mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME940	2	
SHOCK ABSORBER	*N40 / 40C	2	
SPRING: CONSTANT 100 KGS	OME943	2	
SHOCK ABSORBER	N40	2	
COIL PACKER	OMEJGR10		

JEEP CHEROKEE XJ WAGON 1984 ON

FRONT <i>Estimated Lift: 35 - 45mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS: 45mm	OME930 3	2	
SHOCK ABSORBER	*N35 / N35C	2	
SPRING: 51 TO 90 KG: 35mm	OME930 3	2	
SHOCK ABSORBER	N35	2	
STEERING DAMPER	OMESD40 5	1	

Warning:

XJ Models fitted with a 3 bolt engine exhaust pipe flange, can experience a clearance problem with the tail shaft, when suspension is under full deflection. Fitment of an adjustable front panhard rod or a change to the smaller 2 bolt flange will provide the required clearance.

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD	CS034RA / B 2	1 + 1	
SHOCK ABSORBER	*N36 / N36C	2	
SPRING: MEDIUM LOAD	CS035RA / B 2	1 + 1	
SHOCK ABSORBER	N36	2	
SPRING BUSH KIT	OE		
U BOLTS	OMEU60 1	4	
	OMEU57		
GEARBOX PACKER KIT	XJGK01 4	1	

REMARKS:

- OMEU60 suits Dana 35 type differential - Australian models. OMEU57 suits AMC 8¹/₄ type differential.
- Trimming requirement greater than 10mm use A/A fitment. Where near level rake is desired B/B fitment should be used. D22XL extra leaf can be fitted to CS034RA/B and CS035RA/B for heavier constant load carrying ability.
NB: Models fitted with OE Up Country Suspension pack will only be raised by 20mm.
- OMEJGF10 front coil packer can be used for trimming or extra lift purposes.
- Fit XJGK01 gearbox packer kit should a driveline vibration occur.
- OMESD40 will only fit left hand drive models.

JEEP CHEROKEE/LIBERTY KJ

FRONT <i>Estimated Lift: 30 - 40mm</i>	PETROL ENGINES			DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: NO ACCESSORIES	OME925 ¹	2		OME926 ¹	2	
STRUT	NS130	2		NS130	2	
SPRING: TO 50 KGS	OME926 ¹	2		OME927 ¹	2	
STRUT	NS131	2		NS131	2	
SPRING: 51 TO 100 KGS	OME790 ¹	2		OME790 ¹	2	
STRUT	NS131	2		NS131	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD	OME947	2	
SHOCK ABSORBER	N132	2	
SPRING: MEDIUM LOAD	OME948	2	
SHOCK ABSORBER	N132	2	

REMARKS:

¹ Due to varying OE ride heights, some KJ models may only achieve a 20mm lift.

JEEP WRANGLER JK 2 DOOR 2006 ON

FRONT <i>Estimated Lift: 50 mm</i>	V6 PETROL ENGINE			2.8 DIESEL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 40 KGS	OME615 ¹	2		OME616 ¹	2	
SPRING: 41 TO 80 KGS	OME616 ¹	2		OME619 ¹	2	
SHOCK ABSORBER	*N196 / N211	2		*N196 / N211	2	
TRIM PACKER	OMEJKPF10			OMEJKPF10		

REAR <i>Estimated Lift: 60mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME617 ¹	2	
SPRING: CONSTANT 150 KGS	OME618 ¹	2	
SHOCK ABSORBER	*N198 / N212	2	
TRIM PACKER	OMEJKPR10		

REMARKS:

¹ For ride height and trim adjustment use - Front: OMEJKPF10 Rear: OMEJKPR10
Do not fit more than 1 packer per coil spring.

JEEP WRANGLER JK UNLIMITED 2006 ON

FRONT <i>Estimated Lift: 50 mm</i>	V6 PETROL ENGINE			2.8 DIESEL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 40 KGS	OME616 1	2		OME619 1	2	
SPRING: 41 TO 80 KGS	OME619 1	2		OME621 1	2	
SHOCK ABSORBER	*N196 / N211	2		*N196 / N211	2	
TRIM PACKER	OMEJKPF10			OMEJKPF10		

REAR <i>Estimated Lift: 60mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: SOFT TOP	OME617 1	2	
SPRING: HARD TOP 150KGS	OME618 1	2	
SPRING: CONSTANT 300KGS	OME620 1	2	
SHOCK ABSORBER	*N198 / N212	2	
PANHARD ROD EXTENSION BKT KIT - LEFT HAND DRIVE	FK37 2	1	
PANHARD ROD EXTENSION BKT KIT - RIGHT HAND DRIVE	FK39 2	1	
TRIM PACKER	OMEJKPR10		

REMARKS:

- 1 For ride height and trim adjustment use - Front: OMEJKPF10 Rear: OMEJKPR10
Do not fit more than 1 packer per coil spring.
- 2 Fitment of Panhard rod extension bracket kit is not mandatory, but fitment will improve the ride feel by locating the panhard rod to its original position.

JEEP WRANGLER TJ & TJ UNLIMITED

FRONT <i>Estimated Lift: 50mm</i>	6 CYLINDER ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 40 KGS	OME932 1	2	
SHOCK ABSORBER	*N66 / N66C	2	
SPRING: 41 TO 80 KGS	OME933 1	2	
SHOCK ABSORBER	N66	2	
TRIM PACKER	OMEJGF10		
STEERING DAMPER	OMESD40 5	1	

REAR <i>Estimated Lift: 50mm</i>	2 DOOR			UNLIMITED		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: SOFT TOP	OME941 1	2		OME949	2	
SHOCK ABSORBER	N67	2		N67	2	
SPRING: HARD TOP	OME941 1	2		OME949	2	
SHOCK ABSORBER	N67	2		N67	2	
SPRING: CONSTANT 100 KGS	OME942 1	2		-		
SHOCK ABSORBER	N67	2		-		
PANHARD ROD BRACKET KIT	FKWTJ01 2	1		FKWTJ01 2	1	
	FKWTJ02			FKWTJ02		
TRIM PACKER	OMEWTJPR10			OMEWTJPR10		
GEARBOX PACKER KIT	3	1		3	1	
BUMPER STOP SPACER KIT	FK16 4	1		FK16 4	1	

REMARKS:

- For ride height and trim adjustment use - Front: OMEJGF10 Rear: OMEWTJPR10
- FKWTJ01 panhard rod extension bracket kit fitment to right hand drive or FKWTJ02 to left hand drive models is mandatory to ensure correct rear axle tracking.
- A Gear box packer kit is mandatory fitment to prevent driveline vibration.
JWGK01 suits all models to 2003.
JWGK02 suits manual models from 2003.
JWGK03 suits auto models from 2003.
- FK16: Mandatory fitment 20mm bump stop spacer kit to prevent coil springs becoming solid on full compression.
- OMESD40 only suitable for fitment to left hand drive models.

JEEP WRANGLER YJ 1986 - 1996

FRONT <i>Estimated Lift: 40 - 50mm</i>	PETROL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 35 KGS: 50mm	CS014F	2	
SHOCK ABSORBER	N33	2	
SPRING: TO 95 KGS: 40mm	CS014F	2	
SHOCK ABSORBER	N33	2	
SPRING BUSH KIT	OMESB57	2	
	OMESB87		
GEAR BOX PACKER KIT	JWVK01	1	
GREASABLE SHACKLE KIT	OMEGS11	1	
STEERING DAMPER	OMESD40	1	

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: HARD TOP MEDIUM LOAD TO 200 KGS	CS036R	2	
SHOCK ABSORBER	N34	2	
SPRING: SOFT TOP LIGHT LOAD	CS037R	2	
SHOCK ABSORBER	N34	2	
SPRING BUSH KIT	OMESB57	2	
	OMESB87		
GREASABLE SHACKLE KIT	OMEGS11	1	

REMARKS:

- 1 JWVK01 fitment reduces driveline vibration.
- 2 Use OMESB57 with original shackles. OMESB87 with OMEGS11 greasable shackles.
- 3 OMESD40 will only fit left hand drive models.

RANGER PJ 12/2006 ON ALL MODELS

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 60 KGS	303013	1	
SHOCK ABSORBER	*N194 / N187 <input type="checkbox"/>	2	
FITTING KIT	FK22 <input type="checkbox"/>	1	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS056R	2	
SHOCK ABSORBER	N189	2	
SPRING: CONSTANT 400 KGS	CS049R	2	
SHOCK ABSORBER	N189	2	
GREASABLE SHACKLE KIT	OMEGS18	1	
U BOLTS	OMEU66	4	
SPRING BUSH KIT	OMESB97	2	

REMARKS:

- 1** FK22 Front Shock absorber upper mount support bracket kit is a mandatory fitment.

COURIER/RANGER 1 TONNE 1985 - 2005 ALL MODELS

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303005	1	
SHOCK ABSORBER	N51 <input type="checkbox"/>	2	
FITTING KIT	FK22	1	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS026R	2	
SHOCK ABSORBER	*N53 / N53C	2	
SPRING: CONSTANT 200 KGS	CS027R	2	
SHOCK ABSORBER	N53	2	
U BOLTS	OMEU65	4	
SPRING BUSH KIT	OMESB82	2	

REMARKS:

- 1** FK22 support brackets must be installed to upper front shock mounting brackets on late 1996 on models manufactured in Thailand.

FORD EXPLORER 1996 ON REAR LEAF SPRING MODELS

FRONT	V6 PETROL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	- ¹		
SHOCK ABSORBER	N16	2	

REAR <i>Estimated Lift: 40 mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS042R ²	2	
SHOCK ABSORBER	N17	2	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
- 2 OE spring bushes are required to fit CS042R springs. D10XL extra leaf should be fitted when a constant 200kg plus load is carried.

FORD F250 & F350 2005 ON ALL MODELS

FRONT <i>Estimated Lift: 45mm</i>	V8 DIESEL: COIL SPRING		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 100 KGS	OME768	2	
SHOCK ABSORBER	N195	2	
CASTER CORRECTION KIT	FK36 ⁴	1	

REAR <i>Estimated Lift: 60+mm</i>	ALL MODELS LEAF SPRING		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS048R ¹	2	
THIRD STAGE	TSXL01 ¹	2	
SPRING: CONSTANT 600+KGS	CS048R ¹	2	
XL LEAF	D27XL ²	2	
CENTRE BOLT	UCB10 ¹	2	
SHOCK ABSORBER	N179	2	
U BOLTS - NO OVERLOAD LEAF	OMEU68	4	
U BOLTS - WITH OVERLOAD LEAF	OMEU67	4	
FITTING KIT	FK31 ³	1	
	FK35		
SPACER KIT	OMESK1 ³	1	

REMARKS:

- 1 Springs are supplied with bushes fitted.
Where the OE spring has an overload leaf fitted, it must be replaced with a TSXL01 and the CS048R original centre bolt replaced by a UCB10, the original spacing block must also be re-fitted using U Bolts OMEU67.
- 2 To maintain 60mm lift for loads over constant 600 KGS and add D27XL Extra Leaf.
- 3 Fitment of Driveline Spacer Kit FK31 for Crew Cab or FK35 for Xtra Cab is recommended to reduce possible driveline vibration. If required, additional spacing down of the centre bearing can be achieved by using an OMESK1 Spacer kit.
- 4 Fitment of a FK36 Caster Correction Kit will provide approximately 3.5 to 4.0 degrees of extra caster. It is advisable to have a Front End Alignment carried out to determine if a FK36 kit is required.

FORD F250 & F350 1999 - 2004 ALL MODELS

FRONT <i>Estimated Lift: 60mm</i>	F250 PETROL & DIESEL			F350 PETROL & DIESEL		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 150 KGS	CS015F [6]	2		CS015F [6]	2	
SHOCK ABSORBER	N178	2		N178	2	
ADJUSTABLE PANHARD ROD	APRF250 [1]	1		APRF250 [1]	1	
U BOLTS - USA MODELS	OMEU69	2		OMEU69	4	
	OMEU69A	2				
U BOLTS - BRAZIL MODELS	OMEU70	2		-		
	OMEU70A	2		-		

REAR <i>Estimated Lift: 60mm</i>	F250 ALL MODELS			F350 ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 600 KGS	CS048R [5]	2		CS048R [5]	2	
THIRD STAGE	-			TSXL01 [5]	2	
SHOCK ABSORBER - SINGLE FITMENT	N179	2		N179	2	
SHOCK ABSORBER - DUAL FITMENT	N179 + N180 [2]	2 + 2		-		
SPRING: CONSTANT 600 KGS	CS048R [3]	2		CS048R [3]	2	
XL LEAF	D27XL [3]	2		D27XL [3]	2	
THIRD STAGE	-			TSXL01 [5]	2	
SHOCK ABSORBER - SINGLE FITMENT	N179	2		N179	2	
SHOCK ABSORBER - DUAL FITMENT	N179 + N180 [2]	2 + 2		-		
U BOLTS	OMEU68	4		OMEU67	4	
FITTING KIT	FK31 [4]	1		FK31 [4]	1	
	FK35			FK35		
FITTING KIT	OME660 [2]	1		OME660 [2]	1	

REMARKS:

- APRF250 Adjustable Panhard Rod must be fitted to allow original axle location to be restored, bushes are supplied in Rod.
- For models with dual shock fitment N179 must be fitted rear of the axle, as it is longer than the N180. OME660 stone shields are also a recommended fitment to the rear shocks.
- To help maintain 60mm lift, add one D27XL Extra Leaf for every 400 KGS carried over 600 KGS.
- Fitment of FK31 to Crew Cab or FK35 to Xtra Cab models is recommended to reduce possible driveline vibration.
- As the CS048R has a different spring camber, compared to the original spring, the overload leaf must be replaced with a TSXL01. The Original spacing block must be refitted. Springs are supplied with bushing.
- Springs are supplied with bushing.

JACKAROO/TROOPER & MONTEREY 3/2001 - 2004 SWB & LWB

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	- 1		
SHOCK ABSORBER	*N65 / N26F	2	

REAR <i>Estimated Lift: 20mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME919 2	2	
SHOCK ABSORBER	*N15 / N15C	2	
SPRING: CONSTANT 100 KGS	OME929	2	
SHOCK ABSORBER	N15	2	

JACKAROO/TROOPER & MONTEREY 1992 - 2/2001 SWB & LWB

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	- 1		
SHOCK ABSORBER	*N65 / N26F	2	

REAR <i>Estimated Lift: 25mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME912 2	2	
SHOCK ABSORBER	*N15 / N15C	2	
SPRING: CONSTANT 100 KGS	OME919	2	
SHOCK ABSORBER	N15	2	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
- 2 Coil must be installed with progressive rate to the top.

JACKAROO/ISUZU TROOPER 1982 - 3/1992 ALL MODELS

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303004 ¹	1	
SHOCK ABSORBER	*N65 / N26F	2	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS028R	2	
SHOCK ABSORBER	N88		
	*N42 / N89 ²	2	
SPRING: CONSTANT 200 KGS	CS029R	2	
SHOCK ABSORBER	N88		
	N42 ²	2	
SPRING BUSH KIT	OMESB90	2	
U BOLTS	OMEU59A ³	4	
ANTI INVERSION KIT	FK14 ⁴	1	
GREASABLE SHACKLE KIT	OMEGS3	1	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
Torsion Bar 303004 suit models from 8/88 to 3/92 only.
- 2 N88: Suits 11/86 to 3/92 models and requires OMEB11 bush kit to convert lower bush from 19mm to 16mm ID.
N42/N89: Suits models '82 to 10/86 (no bush kit required).
- 3 Where the OE spring has 4 leaves OMEU59A U Bolts are required.
- 4 FK14 Anti Inversion kit must be fitted if greasable shackles are not fitted.

GM FRONTERA 5 DOOR 1999 - 6/2003

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	-		
SHOCK ABSORBER	*N65 / N26F	2	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME913	2	
SHOCK ABSORBER	N102	2	

GM FRONTERA 1995 - 1998 2 & 4 DOOR UT MODELS

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	-		
SHOCK ABSORBER	*N65 / N26F	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME912	2	
SHOCK ABSORBER	N15C	2	

COLORADO RC 2008 ON ALL MODELS RODEO/D-MAX RA 2003 ON ALL MODELS

FRONT	PETROL ENGINE			DIESEL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	303012 ^[1]	1		303012 ^[1]	1	
SHOCK ABSORBER	N65	2		N65	2	
	N150					

REAR <i>Estimated Lift: 30 - 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS024R	2	
SHOCK ABSORBER	*N42 / N89	2	
SPRING: CONSTANT 300 KGS	CS025R	2	
SHOCK ABSORBER	N42	2	
SPRING BUSH KIT	OMESB80	2	
U BOLTS	OMEU66	4	
ANTI INVERSION KIT	FK26	1	
GREASABLE SHACKLE KIT	OMEGS13	1	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
It has been found, due to vehicle manufacturing tolerances, that in some cases front shock absorbers may contact the steering arm when on full lock. Fitter should check for this and where required a small indentation should be made to the body of the shock absorber.
- 2 Fit N65 when installing 303012 Torsion Bar to Petrol Models and N150 for OE Torsion Bars.

RODEO/D-MAX TO 2003 ALL MODELS

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303004 ^[1]	1	
SHOCK ABSORBER	*N65 / N26F	2	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS028R	2	
SHOCK ABSORBER	*N42/N89	2	
SPRING: CONSTANT 400 KGS	CS029R	2	
SHOCK ABSORBER	N42	2	
SPRING BUSH KIT	OMESB80	2	
ANTI INVERSION KIT	FK14 ^[3]	1	
GREASABLE SHACKLE KIT	OMEGS3	1	
U BOLTS	OMEU59A ^[2]	4	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
- 2 Vehicles with 4 Leaf OE Spring Stack require U bolts OMEU59A.
- 3 FK14 must be fitted if OMEGS3 greasable shackles are not fitted.

DROVER ALL MODELS

FRONT <i>Estimated Lift: 40mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 35 KGS	CS012FA / B	1 + 1	
SHOCK ABSORBER	OME015	2	
SPRING: 35 TO 75 KGS	CS013FA / B	1 + 1	
SHOCK ABSORBER	OME015	2	
SPRING BUSH KIT	OMESB19	2	
U BOLTS	OMEU61 ^[1]	4	
FITTING KIT	FK06	1	
TRIM PACKER	TP05		
STEERING DAMPER	OMESD30	1	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS038R	2	
SHOCK ABSORBER	OME013	2	
SPRING: CONSTANT 100 KGS	CS039R	2	
SHOCK ABSORBER	OME013	2	
SPRING BUSH KIT	OMESB19	2	
U BOLTS	OMEU61	4	
TRIM PACKER	TP05		

REMARKS:

- 1 1 only OMEU62 may be required on the right hand side inner, on some models.

TERRACAN 2001 ON

FRONT <i>Estimated Lift: 10mm</i>	PETROL ENGINES			DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	-			-		
SHOCK ABSORBER	N170	2		N162	2	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME603	2	
SHOCK ABSORBER	N171	2	
SPRING: CONSTANT 200 KGS	OME604	2	
SHOCK ABSORBER	N172	2	

KIA

SORENTO

FRONT <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING:	OME902	2	
SPRING: 20 TO 60 KGS	OME601	2	
STRUT	N147S + N148S ^[2]	1 + 1	

REAR <i>Estimated Lift: 30mm</i>	MODELS 2006 ON			MODELS 2003 TO LATE 2006		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD	-			OME602	2	
SHOCK ABSORBER	-			N149 ^[1]	2	
SPRING: MEDIUM LOAD	OME622	2		OME903	2	
SHOCK ABSORBER	N205	2		N149 ^[1]	2	

REMARKS:

- 1** OME661 Stone Guards are recommended fitment to vehicles driven on dirt roads to prevent stone damage to the shock absorbers.
- 2** N147S fits RHS, N148S fits LHS.

LADA NIVA

FRONT <i>Estimated Lift: 30mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING:	OME791	2	
SHOCK ABSORBER	NOT AVAILABLE		
TRIM PACKER	OMELNF10		

REAR <i>Estimated Lift: 30mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME792	2	
SHOCK ABSORBER	NOT AVAILABLE		

DISCOVERY 3 2005 ON ALL COIL MODELS

FRONT <i>Estimated Lift: 50mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING:	OME744	2	
SPRING: 100 KGS +	OME745	2	
STRUT	USE OE 1		

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME746	2	
SPRING: CONSTANT 200 KGS	OME743	2	
STRUT	USE OE 1		

REMARKS:

- 1 Coils are suitable to be used with original OE struts, OME will not be developing replacement struts.

DISCOVERY 1999 - 2004 ALL COIL SUSPENSION MODELS

FRONT <i>Estimated Lift: 40mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 20 KGS	OME776 1	2	
SHOCK ABSORBER	*N107 / N107C	2	
SPRING: 21 TO 50 KGS	OME777 1	2	
SHOCK ABSORBER	*N107 / N107C	2	
SPRING: 51 TO 110 KGS	OME779 1	2	
SHOCK ABSORBER	N107	2	
STEERING DAMPER	OMESD02	1	
COIL PACKER	OMELRCP2 2		

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME781	2	
SHOCK ABSORBER	*N108 / N108C	2	
SPRING: CONSTANT 100 KGS	OME762	2	
SHOCK ABSORBER	N108	2	
SPRING: CONSTANT 200 KGS	OME763	2	
SHOCK ABSORBER	N108	2	
COIL PACKER	OMELRCP1 2		

REMARKS:

- 1 On 2003 models lift will be between 25 to 35mm.
- 2 8mm Steel Coil Seat Packer, refer to fitting instructions supplied with packer.
Important: To prevent possible over stressing of the spring, only one packer can be fitted under each coil seat.

DISCOVERY TO 1998 & RANGE ROVER TO 5/1995

FRONT <i>Estimated Lift: To 40mm</i>	PETROL ENGINES			DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 20 KGS: 20mm	OME760	2		-		
SHOCK ABSORBER	*N115 / N45F	2		-		
SPRING: TO 50 KGS: 30mm	OME761	2		OME751	2	
SHOCK ABSORBER	*N115 / N45F	2		*N115 / N45F	2	
SPRING: 51 TO 110 KGS	OME767	2		OME767	2	
SHOCK ABSORBER	N115	2		N115	2	
STEERING DAMPER	OMESD11	1		OMESD11	1	
CASTER KIT	CALR1	1		CALR1	1	
	CALR2			CALR2		
COIL PACKER	OMELRCP1			OMELRCP1		

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME764	2	
SHOCK ABSORBER	*N46 / N27	2	
SPRING: CONSTANT 100 KGS	OME762	2	
SHOCK ABSORBER	*N44 / N46	2	
SPRING: CONSTANT 200 KGS	OME763	2	
SHOCK ABSORBER	N44	2	
COIL PACKER	OMELRCP1		

REMARKS:

- 1 CALR1 : Fits pre '86 Range Rover.
CALR2 : Fits post '86 Range Rover, all Discovery & Defender 130 Dual Cab Utility.
NB: Do not fit to automatic Range Rovers or Discovery due to possible vibration problems.
- 2 8mm Steel Coil Seat Packer, refer to fitting instructions supplied with packer.
Important: To prevent possible over stressing of the spring, only one packer can be fitted under each coil seat.

DEFENDER & COUNTY 110

FRONT <i>Estimated Lift: To 40mm</i>	V8 PETROL			3.9 ISUZU DIESEL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS: 30mm	OME761 1	2		OME766 1	2	
SHOCK ABSORBER	N45F	2		*N115 / N45F	2	
SPRING: 51 TO 110 KGS	OME751 1	2		OME766 1	2	
SHOCK ABSORBER	N115	2		N115	2	
STEERING DAMPER	OMESD32	1		OMESD32	1	
CASTER KIT	CALR1 1	1		CALR1	1	
	CALR2					
COIL PACKER	OMELRCP1 4			OMELRCP1 4		

FRONT <i>Estimated Lift: To 40mm</i>	2.5 DIESEL		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS: 30mm	OME751	2	
SHOCK ABSORBER	N45F	2	
SPRING: 51 TO 110 KGS	OME767	2	
SHOCK ABSORBER	N115	2	
STEERING DAMPER	OMESD32	1	
CASTER KIT	CALR1 1	1	
	CALR2		
COIL PACKER	OMELRCP1 4		

REAR <i>Estimated Lift: To 55 mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD: 25mm	OME752 2	2	
SHOCK ABSORBER	*N46 / N27	2	
SPRING: CONSTANT 300 KGS	OME755	2	
SHOCK ABSORBER	N44	2	
SPRING: CONSTANT 500 KGS	OME754 3	2	
SHOCK ABSORBER	N44	2	
COIL PACKER	OMELRCP3 4		

REMARKS:

- Caution:** Due to altered gearbox mounts on models after 1998 any lift above OE ride height may cause front driveline vibration that can only be rectified by fitment of front Double Cardan joints.
Caster Kit will increase caster angle by 2°. Check manufacturer's specifications to determine if caster kit is required.
CALR1 suits 38mm wide control arms. CALR2 suits 44mm wide control arms.
- OME752 coil has a softer spring than OE coil. This is to provide improved ride quality with light loads only
OE springs are designated as medium load springs.
- Where original springs have an inner helper coil, be sure to refit helper coil when installing OME coils.
- 8mm Steel Coil Seat Packer, refer to selection chart supplied with packer.
Important: To prevent possible over stressing of the spring, only one packer can be fitted under each coil seat.

DEFENDER 130 MODELS

FRONT <i>Estimated Lift: 20mm</i>	2.5 DIESEL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME751	2	
SHOCK ABSORBER	*N115 / N45F	2	
SPRING: 51 TO 110 KGS	OME767	2	
SHOCK ABSORBER	N115	2	
STEERING DAMPER	OMESD32	1	
CASTER KIT	CALR2 ^[1]	1	
COIL PACKER	OMELRCP1 ^[3]		

REAR <i>Estimated Lift: To 40mm</i>	DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD: 25mm	OME755 ^[2]	2	
SHOCK ABSORBER	*N44 / N46	2	
SPRING: CONSTANT 400 KGS	OME754	2	
SHOCK ABSORBER	N44	2	
COIL PACKER	OMELRCP3 ^[3]		

90 SERIES

FRONT <i>Estimated Lift: 30mm</i>	PETROL ENGINES			DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME761	2		OME751	2	
SHOCK ABSORBER	N45F	2		N115	2	
SPRING: 51 TO 110 KGS	OME751	2		OME767	2	
SHOCK ABSORBER	N115	2		N115	2	
STEERING DAMPER	OMESD32	1		OMESD32	1	
CASTER KIT	CALR1 ^[1]	1		CALR1 ^[1]	1	

REAR <i>Estimated Lift: 45 - 55mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME764	2	
SHOCK ABSORBER	*N46 / N27	2	
SPRING: CONSTANT 200 KGS	OME762	2	
SHOCK ABSORBER	*N44 / N46	2	

REMARKS:

- Caution:** Due to altered gearbox mounts on models after 1998 any lift above OE ride height may cause front driveline vibration that can only be rectified by fitment of front Double Cardan joints.
Caster Kit will increase caster angle by 2°. Check manufacturer's specifications to determine if caster kit is required.
CALR1 suits 38mm wide control arms. CALR2 suits 44mm wide control arms.
- Important:** OME755 has reduced spring rate from OE to provide improved ride quality for light loads.
- 8mm Steel Coil Seat Packer**, refer to selection chart supplied with packer.
Important: To prevent possible over stressing of the spring, only one packer can be fitted under each coil seat.

BT50 1 TONNE 12/2006 ON ALL MODELS

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 60 KGS	303013 ^[1]	1	
SHOCK ABSORBER	*N194 / N187	2	
FITTING KIT	FK22 ^[2]	1	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS056R	2	
SHOCK ABSORBER	N189	2	
SPRING: CONSTANT 400 KGS	CS049R	2	
SHOCK ABSORBER	N189	2	
GREASABLE SHACKLE KIT	OMEGS18	1	
U BOLTS	OMEU66	4	
SPRING BUSH KIT	OMESB97	2	

B SERIES 1 TONNE 1987 - 2006 ALL MODELS

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303005 ^[1]	1	
SHOCK ABSORBER	N51 ^[2]	2	
FITTING KIT	FK22	1	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS026R	2	
SHOCK ABSORBER	*N53 / N53C	2	
SPRING: CONSTANT 200 KGS	CS027R	2	
SHOCK ABSORBER	N53	2	
U BOLTS	OMEU65	4	
SPRING BUSH KIT	OMESB82	2	

REMARKS:

- ¹ Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
- ² FK22 Front shock absorber upper mount supporting bracket kit is a mandatory fitment.

PAJERO / MONTERO NS, NP & NM 2000 ON LWB

FRONT <i>Estimated Lift: 35mm</i>	V6 PETROL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME914	2	
STRUT	N129S	2	
SPRING: 51 TO 100 KGS	OME915	2	
STRUT	N203S	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME917 1	2	
SHOCK ABSORBER	*N152/N110	2	
SPRING: CONSTANT 200 KGS	OME918 1	2	
SHOCK ABSORBER	*N204/N152	2	

PAJERO / MONTERO NS, NP & NM 2000 ON LWB

FRONT <i>Estimated Lift: 35mm</i>	2.8 & 3.2 DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME915	2	
STRUT	N129S	2	
SPRING: 51 TO 100 KGS	OME924	2	
STRUT	N203S	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME917 1	2	
SHOCK ABSORBER	*N152/N110	2	
SPRING: CONSTANT 200 KGS	OME918 1	2	
SHOCK ABSORBER	*N204/N152	2	

REMARKS:

1 It is recommended that a 4 wheel alignment is carried out.

PAJERO / MONTERO NS, NP & NM 2000 ON SWB

FRONT <i>Estimated Lift: 35mm</i>	V6 PETROL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME914	2	
STRUT	*N129S/N109S	2	
SPRING: 51 TO 100 KGS	OME915	2	
STRUT	*N203S/N129S	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME994 1	2	
SHOCK ABSORBER	*N152/N110	2	
SPRING: CONSTANT 200 KGS	OME917 1	2	
SHOCK ABSORBER	*N204/N152	2	

PAJERO / MONTERO NS, NP & NM 2000 ON SWB

FRONT <i>Estimated Lift: 35mm</i>	3.2 DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME915	2	
STRUT	N129S	2	
SPRING: 51 TO 100 KGS	OME924	2	
STRUT	N203S	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME994 1	2	
SHOCK ABSORBER	*N152/N110	2	
SPRING: CONSTANT 200 KGS	OME917 1	2	
SHOCK ABSORBER	*N204/N152	2	

REMARKS:

- 1 It is recommended that a 4 wheel alignment is carried out.

PAJERO / MONTERO 1991 - 1999 SWB & LWB REAR LEAF SPRING MODELS

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303010 ¹	1	
	303011	1	
SHOCK ABSORBER	N18	2	

REAR <i>Estimated Lift: 45 - 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS022R	2	
SHOCK ABSORBER	*N56 / N54	2	
SPRING: CONSTANT 250 KGS	CS023R	2	
SHOCK ABSORBER	N56	2	
SPRING BUSH KIT	OMESB38 ²	2	
GREASABLE SHACKLE KIT	OMEGS16	1	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
303010 suits 88 to 90 V6 models and all models 91 to 94 - length 1278mm.
303011 suits all models 95 to 00 - length 1308mm.
- 2 OMESB38 must be used to fit OME springs.

PAJERO / MONTERO 1991 - 1999 ALL LWB REAR COIL SPRING MODELS

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303010 ¹	1	
	303011	1	
SHOCK ABSORBER	N18	2	

REAR <i>Estimated Lift: To 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME910	2	
SHOCK ABSORBER	N64	2	
SPRING: CONSTANT 200 KGS	OME938	2	
SHOCK ABSORBER	N64	2	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
303010 suits all models 91 to 94 with 1278mm length.
303011 suits all models 95 to 00 with 1308mm length.

PAJERO / MONTERO 1991 - 1999 ALL SWB REAR COIL SPRING MODELS

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	- ¹		
SHOCK ABSORBER	N18	2	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME911	2	
SHOCK ABSORBER	N64	2	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.

PAJERO / MONTERO TO 1991 REAR LEAF SPRING MODELS (Hyundai Galloper)

FRONT	4 CYLINDER ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303009 ¹	1	
SHOCK ABSORBER	N60G	2	

REAR <i>Estimated Lift: To 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS022R	2	
SHOCK ABSORBER	*N56 / N54	2	
SPRING: CONSTANT 250 KGS	CS023R	2	
SHOCK ABSORBER	N56	2	
SPRING BUSH KIT	OMESB8 ²	2	
U BOLTS	OMEU54 ³	4	
GREASABLE SHACKLE KIT	OMEGS16	1	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars. 303009 suits 82 to 90 4 cylinder models - length 1278mm.
- 2 OMESB8 must be used with CS022R and CS023R springs.
- 3 OMEU54 only required on SWB models.

PAJERO CHALLENGER 1989 - 1991

REAR COIL SPRING MODELS

(Hyundai Galloper)

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303010 ^[1]	1	
SHOCK ABSORBER	N60G	2	

REAR <i>Estimated Lift: 15mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME910	2	
SHOCK ABSORBER	N62G	2	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
303010 suits 88 to 90 V6 models.

TRITON / L200 ML 2006 ON ALL MODELS

FRONT <i>Estimated Lift: 10mm</i>	DIESEL ENGINE			V6 PETROL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME605	2		OME611	2	
STRUT	N186S	2		N186S	2	
SPRING: 51 TO 100 KGS	OME606	2		OME605	2	
STRUT	N186S	2		N186S	2	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD	CS040R ^[2]	2	
SHOCK ABSORBER	N54	2	
SPRING: MEDIUM LOAD	CS053R ^[2]	2	
SHOCK ABSORBER	*N59/N54	2	
SPRING: CONSTANT 400 KGS	CS054R ^[2]	2	
SHOCK ABSORBER	N59	2	
U BOLT	OMEU71	4	
SPRING BUSH KIT	OMESB38	2	
GREASABLE SHACKLE KIT	OMEGS16 ^[1]	1	

REMARKS:

- 1 OMEGS16 is a **mandatory** fitment to prevent springs from inverting.
- 2 Springs can be only installed with OME Bush Kit.
The Centre Bolt on CS040R must be reversed prior to fitment.

TRITON / L200 09/1986 - 2005 ALL MODELS

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303006 1	1	
SHOCK ABSORBER	N60G 3	2	
	*N18 / N57G		

REAR <i>Estimated Lift: To 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS022R 2	2	
SHOCK ABSORBER	N30 3	2	
	N30E		
SPRING: CONSTANT 200 KGS	CS023R 2	2	
SHOCK ABSORBER	N30 3	2	
	N30E		
U BOLTS	OMEU57	4	
SPRING BUSH KIT	OMESB38 2	2	
ANTI-INVERSION KIT	FK30 4	1	
GREASABLE SHACKLE KIT	OMEGS16 4	1	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
Torsion Bar 303006 suits 1993 MJ on models with 39 splines.
- 2 OME springs can only be installed with OME bush kits.
- 3 N60G & N30 suit pre MK Models (approx. 1986 to 1995)
N18 / N57G & N30E suit MK Models (approx. 1996 to 2005)
- 4 FK30 Anti-Inversion kit is a mandatory fitment, with or without Greasable Shackle Kit.

CHALLENGER / MONTERO SPORT 2000 ON LWB COIL REAR MODELS

FRONT	V6 PETROL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303011 ^[1]	1	
SHOCK ABSORBER	N57G	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME911	2	
SHOCK ABSORBER	N116	2	
SPRING: CONSTANT 200 KGS	OME910	2	
SHOCK ABSORBER	N116	2	

CHALLENGER V6 / MONTERO WAGON 1998 ON (REAR LEAF SPRING MODELS)

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303011 ^[1]	1	
SHOCK ABSORBER	N57G	2	

REAR <i>Estimated Lift: 25mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS040R ^[3]	2	
SHOCK ABSORBER	*N56 / N54	2	
SPRING: CONSTANT 200 KGS	CS041R ^[2]	2	
SHOCK ABSORBER	N56	2	
SPRING BUSH KIT	OMESB83 ^[3]	2	
GREASABLE SHACKLE KIT	OMEGS16 ^[2]	1	

REMARKS:

- 1** Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
303011 suits all models 95 to 00 - length 1308mm.
- 2** OMEGS16 is a **mandatory** fitment to prevent springs from inverting.
- 3** Springs can be only installed with OME Bush Kit.
The Centre Bolt on CS040R must be reversed prior to fitment.

PATROL GU Y61 ALL LWB MODELS

FRONT <i>Estimated Lift: 50mm</i>	PETROL 4.5, 4.8 & DIESEL 4.2			DIESEL 2.8 & 3.0 TURBO		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME970	2		OME973	2	
SHOCK ABSORBER	*N19 / N19C	2		*N19 / N19C	2	
SPRING: 51 TO 110 KGS	OME971	2		OME970	2	
SHOCK ABSORBER	N19	2		N19	2	
SPRING: 50 KGS: 20mm LIFT	OME972	2		OME974	2	
SHOCK ABSORBER	*N19 / N19C	2		*N19 / N19C	2	
CASTER KIT	OMECA77B ^[2]	1		OMECA77B ^[2]	1	
STEERING DAMPER	OMESD11 ^[5]	1		OMESD11 ^[5]	1	
	OMESD01			OMESD01		
TRIM PACKER	OMEGQPF05 ^[1]			OMEGQPF05 ^[1]		
	OMEGQPF10			OMEGQPF10		
OIL PAN PACKER KIT	FK25 ^[2]	1		FK25 ^[2]	1	

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME980 ^[4]	2	
SHOCK ABSORBER	*N29 / N29C	2	
SPRING: CONSTANT 200 KGS	OME981 ^[4]	2	
SHOCK ABSORBER	N29	2	
SPRING: MEDIUM 30mm LIFT	OME982 ^[4]	2	
SHOCK ABSORBER	*N29 / N29C	2	
TRIM PACKER	Do not use Packers		
SWAY BAR EXT KIT	FK18 ^[3]	1	
	FK24		

REMARKS:

- 1 Coil trim packers may be required to trim vehicles. Packers must be installed to the bottom of front coils.
- 2 OMECA77B caster kit will increase caster angle by 2°. Check manufacturer's specifications to determine if OMECA77B kit is required. FK25 may be required for some European models when caster kit is fitted.
- 3 FK18: Rear sway bar extension bracket is mandatory fitment to models with fixed sway bar to prevent damage to sway bar when suspension is at full extension. FK24 suits models with detachable sway bar.
- 4 Special Note: Due to limited clearance between tailshaft and chassis cross member, OME does not recommend fitment of gear box packers.
- 5 OMESD11 steering damper fits all models up to 1/2000. OMESD01 fits 2/2000 models on.

PATROL GU Y61 SWB

FRONT <i>Estimated Lift: 40mm</i>	2.8 & 3.0 TURBO DIESEL		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME974E	2	
SHOCK ABSORBER	*N19 / N19C	2	
SPRING: 51 TO 110 KGS	OME972E	2	
SHOCK ABSORBER	N19	2	
TRIM PACKER	OMEGQPF05		
	OMEGQPF10		
STEERING DAMPER	OMESD01 ¹	1	
	OMESD11		
CASTER KIT	OMECA77B ²	1	
OIL PAN PACKER KIT	FK25 ³	1	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD	OMEGQ02A	2	
SHOCK ABSORBER	*N29 / N29C	2	
SPRING: MEDIUM LOAD	OMEGQ02B	2	
SHOCK ABSORBER	*N29 / N29C	2	
SPRING: CONSTANT 200 KGS	OMEGQ02D	2	
SHOCK ABSORBER	N29	2	
SWAY BAR EXT KIT	FK18 ⁴	1	
	FK24		
GEAR BOX PACKER KIT	GQGK02 ⁵	1	
TRIM PACKER	OMEGQPR05		
	OMEGQPR10		

REMARKS:

- ¹ OMESD01 fits 2/2000 on models.
OMESD11 fits all models to 1/2000.
- ² OMECA77B caster kit will increase caster angle by 2°. Check manufacturer's specifications to determine if OMECA77B kit is required.
- ³ FK25 Oil Pan Kits must be installed when fitting GQGK02 Gear Box Packer Kit.
When installing caster kit OMECA77B an additional FK25 oil pan kit is required.
- ⁴ FK18: Rear sway bar extension bracket is mandatory fitment to models with fixed sway bar to prevent damage to sway bar when suspension is at full extension. FK24 suits models with detachable sway bar.
- ⁵ GQGK02 Gear Box Packer Kit is designed to space down the gear box cross member from the chassis to reduce tail shaft flange angle thereby reducing driveline vibration. In some cases 2 kits may be required.

PATROL GU Y61 ALL COIL CAB CHASSIS MODELS

FRONT <i>Estimated Lift: 50mm</i>	ALL 4.2 DIESEL ENGINES			3.0 TURBO DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME970	2		OME973	2	
SHOCK ABSORBER	*N19 / N19C	2		*N19 / N19C	2	
SPRING: 51 TO 110 KGS	OME971	2		OME970	2	
SHOCK ABSORBER	N19	2		N19	2	
STEERING DAMPER	OMESD11	1		OMESD11	1	
CASTER KIT	OMECA77B ^[1]	1		OMECA77B ^[1]	1	
TRIM PACKER	OMEGQPF05 ^[2]			OMEGQPF05 ^[2]		
	OMEGQPF10			OMEGQPF10		

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME983	2	
SHOCK ABSORBER	N29	2	
SPRING: CONSTANT 200 KGS	OME984	2	
SHOCK ABSORBER	N29	2	
SPRING: CONSTANT 400 KGS	OME985	2	
SHOCK ABSORBER	N29	2	
FITTING KIT	FK18 ^[3]	1	
TRIM PACKER	Do not use Packers		

REMARKS:

- OMECA77B caster kit will increase caster angle by 2°. Check manufacturer's specifications to determine if OMECA77B kit is required.
- Coil trim packers may be required to trim vehicle to a maximum of 15mm. Packers must be installed to the bottom on front coil.
- FK18 rear sway bar extension bracket is mandatory fitment to prevent damage to sway bar when suspension is at full extension.

PATROL GU Y61 CAB CHASSIS

COIL: FRONT / LEAF: REAR

FRONT <i>Estimated Lift: 50mm</i>	ALL 4.2 DIESEL ENGINES			3.0 TURBO DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME970	2		OME973	2	
SHOCK ABSORBER	*N19 / N19C	2		*N19 / N19C	2	
SPRING: 51 TO 110 KGS	OME971	2		OME970	2	
SHOCK ABSORBER	N19	2		N19	2	
STEERING DAMPER	OMESD11	1		OMESD11	1	
CASTER KIT	OMECA77B ^[2]	1		OMECA77B ^[2]	1	
TRIM PACKER	OMEGQPF05 ^[1]			OMEGQPF05 ^[1]		
	OMEGQPF10			OMEGQPF10		

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS016RA / B ^[4]	1 + 1	
SHOCK ABSORBER	N25	2	
SPRING: CONSTANT 400 KGS	CS016RA / B	1 + 1	
SHOCK ABSORBER	N25	2	
SPRING BUSH KIT	OMESB64	2	
ANTI INVERSION KIT	FK08 ^[3]	1	
GREASABLE SHACKLE KITS	OMECS1	1	
	OMEGP2	1	

REMARKS:

- Coil trim packers may be required to trim vehicle to a maximum of 15mm per coil. Packers must be installed to the bottom on front coils.
- OMECA77B caster kit will increase caster angle by 2°. Check manufacturer's specifications to determine if OMECA77B kit is required.
- FK08 anti inversion kit is mandatory fitment if greasable shackles are not fitted. Refer OME Technical & Fitting Manual.
- For improved ride quality on vehicles carrying medium loads remove the 3rd leaf.

PATROL GQ Y60 ALL SWB & LWB MODELS

FRONT <i>Estimated Lift: 40 - 50mm</i>	4.2 ENGINES			2.8 & 3.0 ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME975	2		OME974	2	
SHOCK ABSORBER	*N21 / N23F	2		*N21 / N23F	2	
SPRING: 51 TO 110 KGS	OME976	2		OME972	2	
SHOCK ABSORBER	N21	2		N21	2	
SPRING: 50 KGS: 30mm LIFT	OME974	2		NOT APPLICABLE		
SHOCK ABSORBER	*N21 / N23F	2		-		
TRIM PACKER	OMEGQPF05	1		OMEGQPF05	1	
	OMEGQPF10			OMEGQPF10		
STEERING DAMPER	OMESD36	1		OMESD36	1	
	OMESD34			OMESD34		
CASTER KIT	OMECA77B	1		OMECA77B	1	

REAR <i>Estimated Lift: 30 - 50mm</i>	LWB MODELS			SWB MODELS		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD	OMEGQ02C	2		OMEGQ02CM	2	
SHOCK ABSORBER	N22F	2		N22F	2	
SPRING: MEDIUM LOAD	OMEGQ02AM	2		OMEGQ02C	2	
SHOCK ABSORBER	*N29 / N22F	2		*N29 / N22F	2	
SPRING: CONSTANT 200 KGS	OMEGQ02J	2		OMEGQ02G	2	
SHOCK ABSORBER	N29	2		N29	2	
	LPG CONVERSIONS			LPG CONVERSIONS		
SPRING: MEDIUM LOAD	OMEGQ02LP ^[4]	2		OMEGQ02LP ^[4]	2	
SHOCK ABSORBER	N29	2		N29	2	
TRIM PACKER	Do not use Packers			Do not use Packers		
GEAR BOX PACKER KIT	GQGK01 ^[3]	1		GQGK01 ^[3]	1	

REMARKS:

- Coil trim packers may be required to trim vehicle to a maximum of 15mm per coil. Packers must be installed to the top on rear coils and to the bottom on front coils.
- OMECA77B caster kit will increase caster angle by 2°. Check manufacturer's specifications to determine if OMECA77B kit is required.
- Gearbox packer kit is designed to space down the gearbox cross member from the chassis to reduce tail shaft flange angle thereby reducing driveline vibration.
- LPG conversion equated to 100-125 litre rear mounted gas tank and a 70-75 litre mid mounted auxiliary petrol tank.
- OMESD36 fits 8/89 models onwards.
OMESD34 fits pre 8/89 models.

PATROL GQ Y60 CAB CHASSIS COIL SPRING MODELS

FRONT <i>Estimated Lift: 50mm</i>	4.2 ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME975	2	
SHOCK ABSORBER	N23F	2	
SPRING: 51 TO 110 KGS	OME976	2	
SHOCK ABSORBER	N21	2	
TRIM PACKER	OMEGQPF05	1	
	OMEGQPF10		
STEERING DAMPER	OMESD36	1	
CASTER KIT	OMECA77B	1	

REAR <i>Estimated Lift: 40 - 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD 40mm LIFT	OMEGQ02C	2	
SHOCK ABSORBER	N22F	2	
SPRING: CONSTANT 200 KGS	OMEGQ02J	2	
SHOCK ABSORBER	N29	2	
TRIM PACKER	OMEGQPR05	1	
	OMEGQPR10		
GEAR BOX PACKER KIT	GQGK01	1	

REMARKS:

- Coil trim packers may be required to trim vehicle to a maximum of 15mm per coil. Packers must be installed to the top on rear coils and to the bottom on front coils.
- OMECA77B caster kit will increase caster angle by 2°. Check manufacturer's specifications to determine if OMECA77B is required.
- Gearbox packer kit is designed to space down the gearbox cross member from the chassis to reduce tail shaft flange angle thereby reducing driveline vibration.

PATROL GQ Y60 UTE & CAB CHASSIS LEAF SPRING MODELS

FRONT <i>Estimated Lift: 30mm</i>	4.2 ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	CS003F	2	
SHOCK ABSORBER	N28	2	
SPRING: 51 TO 110 KGS	CS004F	2	
SHOCK ABSORBER	N28	2	
SPRING BUSH KIT	OMESB1	2	
GREASABLE SHACKLE KITS	OMEGS2	1	
	OMEGP2	1	
STEERING DAMPER	OMESD22	1	

REAR <i>Estimated Lift: 45mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: CONSTANT 400 KGS	CS016RA / B	1 + 1	
SHOCK ABSORBER	N25	2	
SPRING: CONSTANT 600 KGS	CS016RA / B	1 + 1	
SHOCK ABSORBER	N25	2	
SPRING BUSH KIT	OMESB64	2	
GREASABLE SHACKLE KITS	OMEGS1	1	
	OMEGP2	1	
U BOLTS	OMEU58B	4	
ANTI INVERSION KIT	FK08	1	

REMARKS:

- CBS02 x 2 centre bolt spacers required for front spring fitment.
- FK08 Anti Inversion Kit is mandatory fitment if greasable shackles are not fitted. Refer OME Technical & Fitting Manual.
- For improved ride quality on vehicles carrying medium loads remove the 3rd leaf.

PATROL MQ 260 LWB SPANISH BUILT ALL 2.8TD MODELS

FRONT <i>Estimated Lift: 30 - 40mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	CS016F ^[1]	2	
SHOCK ABSORBER	*N19/N19C	2	
SPRING: 51-100 KGS	CS016F	2	
SHOCK ABSORBER	N19	2	
SPRING BUSH KIT	OMSB31	2	
	OMESB29	2	
U BOLTS	OMEU56 ^[2]	2	
	OMEU57	2	

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS011R	2	
SHOCK ABSORBER	N89	2	
SPRING: CONSTANT 200 KGS	CS012R	2	
SHOCK ABSORBER	* N42 / N89	2	
SPRING BUSH KIT	OMESB2	2	
	OMESB29	2	
U BOLTS	OMEU58	4	

REMARKS:

- 1** To improve ride quality remove 3rd leaf from top of spring
- 2** Front U bolt:
OMEU56 fits to right hand side.
OMEU57 fits to left hand side.

PATROL MQ M60 ALL MODELS

FRONT <i>Estimated Lift: 30 - 40mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	CS010FA / B ¹	1 + 1	
SHOCK ABSORBER	EARLY *N47 / N96	2	
	LATE N49		
SPRING: 51 TO 110 KGS	CS011FA / B ¹	1 + 1	
SHOCK ABSORBER	EARLY *N47 / N96	2	
	LATE N49		
SPRING BUSH KIT	OMESB28 ²	2	
	OMESB29		
SPRING BUSH KIT	OMESB31 ²	2	
	OMESB29		
U BOLTS	OMEU56 ⁴	2	
	OMEU57	2	
STEERING DAMPER	OMESD22	1	

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS011R	2	
SHOCK ABSORBER	N97	2	
SPRING: CONSTANT 200 KGS	CS012R	2	
SHOCK ABSORBER	N48	2	
SPRING BUSH KIT	OMESB2 ³	2	
	OMESB29		
U BOLTS	OMEU58	4	

REMARKS:

- 1** Models with P40 4 litre engine require CS011FA / B springs.
Individual vehicles fitted with A / B fitment may experience a pronounced trimming problem to right hand side.
In these cases fitment of an XL leaf to the right hand side will correct problem.
- 2** Front spring bushes:
Early model (round headlight) require OMESB28 and OMESB29.
Late model (square headlight) require OMESB31 and OMESB29.
- 3** OME bush kits must be used to enable springs to be fitted.
- 4** Front U bolt : OMEU56 fits to right hand side.
OMEU57 fits to left hand side.

NAVARA D40 2005 ON ALL MODELS

FRONT <i>Estimated Lift: 30mm</i>	DIESEL & V6 PETROL		
	PART NUMBER	QTY	UNIT PRICE \$
SPRINGS: TO 40 KGS	OME607	2	
STRUT	N183S ¹	2	
SPRINGS: 41 TO 80 KGS	OME608	2	
STRUT	N183S ¹	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS050R ²	2	
SHOCK ABSORBER	N185	2	
SPRING: CONSTANT 400 KGS	CS051R ²	2	
SHOCK ABSORBER	N185	2	
SPRING BUSH KIT	OMESB95 ³	2	
	OMESB96	2	
GREASABLE SHACKLE KIT	OMEGS15	1	
U BOLTS	OMEU53A	4	

REMARKS:

- ¹ OE plastic stone shield must be refitted onto N183S
- ² CS050R & CS051R are supplied with fixed end bushing
- ³ OMESB95 only suits OE shackles.
OMESB96 only suits OMEGS15 Greasable Shackle kit.

NAVARA D22 10/2002 ON ALL MODELS NP300 08 ON ALL MODELS

FRONT	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303007 ¹	1	
SHOCK ABSORBER	N151 ²	2	

REAR <i>Estimated Lift: 30mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS032R	2	
SHOCK ABSORBER	N56	2	
SPRING: CONSTANT 400 KGS	CS031R	2	
SHOCK ABSORBER	N59	2	
SPRING BUSH KIT	OMESB91	2	
U BOLTS	OMEU63	4	

REMARKS:

- ¹ Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
- ² It may be necessary to slightly increase the clearance in the front wishbone to allow shock absorber to fit.
Do not modify shock absorber.

NAVARA D21 & D22 PICK UP TO 8/2002 ALL MODELS

FRONT	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303007 1	1	
	303008		
SHOCK ABSORBER	N58 2	2	
STEERING DAMPER	OMESD35 3	1	

REAR	ALL MODELS		
<i>Estimated Lift: 30mm</i>	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS030R	2	
SHOCK ABSORBER	N56	2	
SPRING: CONSTANT 400 KGS	CS031R	2	
SHOCK ABSORBER	N59	2	
SPRING BUSH KIT	OMESB81	2	
U BOLTS	OMEU63	4	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars. 303007 suits D22 & 303008 suits D21 models.
- 2 It may be necessary to slightly increase the clearance in the front wishbone to allow shock absorber to fit. Do not modify shock absorber.
- 3 On later models steering damper was not fitted. Check vehicle to confirm it does have an original steering damper fitted.

PATHFINDER R51 2005 ON

FRONT	DIESEL & V6 PETROL		
<i>Estimated Lift: 30mm</i>	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 40 KGS	OME607	2	
STRUT	N183S 1	2	
SPRING: 41 TO 100 KGS	OME608	2	
STRUT	N183S 1	2	

REAR	ALL MODELS		
<i>Estimated Lift: 30mm</i>	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME609	2	
SHOCK ABSORBER	N184	2	
SPRING: CONSTANT 200 KGS	OME610	2	
SHOCK ABSORBER	N184	2	

REMARKS:

- 1 OE plastic stone shield must be refitted onto N183S and a 4 Wheel alignment must be carried out after fitment of OME suspension.

PATHFINDER R50 1996 - 2005 V6 MODELS

FRONT <i>Estimated Lift: 15mm</i>	V6 MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: NO ACCESSORIES	OME921	2	
SPRING: TO 50 KGS	OME923	2	
SPRING: 51 TO 100 KGS	OME928	2	
STRUT	N143S + N144S ^[2]	1 + 1	
FITTING KIT	SMP638 ^[2]	1	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME922	2	
SHOCK ABSORBER	*N61 / N61C ^[1]	2	
	N104		

REMARKS:

- ^[1] *N61 / N61C: Suit models to 1/'99. N104: Suit models from 2/'99 on.
- ^[2] Vehicles with ABS will require a SMP638 ABS bracket kit. N143S Right hand side x 1. N144S Left hand side x 1.

PATHFINDER TO LATE 1995 ALL MODELS

FRONT			
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	- ^[1]		
SHOCK ABSORBER	N26F ^[2]	2	
STEERING DAMPER	OMESD35	1	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME920	2	
SHOCK ABSORBER	*N42 / N89	2	

REMARKS:

- ^[1] Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
- ^[2] It may be necessary to slightly increase the clearance in the front wishbone to allow shock absorber to fit. Do not modify shock absorber.

TERRANO II R20 1996 - 2005

FRONT	PETROL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	- 1		
SHOCK ABSORBER	*N65 / N26F 2	2	

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME920	2	
SHOCK ABSORBER	N30	2	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
- 2 It may be necessary to slightly increase the clearance in the front wishbone to allow shock absorber to fit.
Do not modify shock absorber.

SSANGYONG

MUSSO, SPORT UTILITY & KORANDO 1995 - 2005

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS	-		
SHOCK ABSORBER	N65	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME937	2	
SHOCK ABSORBER	N118	2	

SUZUKI

GRAND VITARA 4 DOOR 08/2005 ON

FRONT <i>Estimated Lift: 20mm</i>	PETROL V6 (2.7) DIESEL (1.9)			PETROL 4 CYLINDER (2.0)		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 35 KGS	OME623 ¹	2		OME624 ¹	2	
STRUT	TO BE DEVELOPED			TO BE DEVELOPED		

REAR <i>Estimated Lift: 20mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME625 ¹	2	
SHOCK ABSORBER	TO BE DEVELOPED		

REMARKS:

- ¹ Springs are compatible with OE struts.

GRAND VITARA TO 2005

FRONT <i>Estimated Lift: 30mm</i>	4 & 6 CYLINDER ENGINES			DIESEL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 35 KGS	OME959	2		OME962	2	
STRUT	N103S	2		N103S	2	
SPRING: 36 TO 75 KGS	OME962	2		OME962 ¹	2	
STRUT	N103S	2		N103S	2	

REAR <i>Estimated Lift: 30mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME961	2	
SHOCK ABSORBER	N105	2	

REMARKS:

- ¹ Coil Packer OMESJR10 can be used to increase ride height.

VITARA WAGON 1988 - 2005

FRONT <i>Estimated Lift: 25 - 30mm</i>	V6 PETROL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 35 KGS	OME950	2	
STRUT	N103S	2	
SPRING: 36 TO 75 KGS	OME959	2	
STRUT	N103S	2	

REAR <i>Estimated Lift: 30mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD	OME954	2	
SHOCK ABSORBER	N105	2	
SPRING: MEDIUM LOAD	OME955	2	
SHOCK ABSORBER	N105	2	

VITARA WAGON 1988 - 2005

FRONT <i>Estimated Lift: 30mm</i>	4 CYLINDER PETROL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 35 KGS	OME960	2	
STRUT	N103S	2	
SPRING: 36 TO 75 KGS	OME953	2	
STRUT	N103S	2	

REAR <i>Estimated Lift: 30mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD	OME954	2	
SHOCK ABSORBER	N105	2	
SPRING: MEDIUM LOAD	OME955	2	
SHOCK ABSORBER	N105	2	

VITARA SWB TO 2005

FRONT <i>Estimated Lift: 30mm</i>	4 CYLINDER PETROL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 35 KGS	OME951	2	
STRUT	N103S ^[1]	2	

REAR <i>Estimated Lift: 30mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME952	2	
SHOCK ABSORBER	N32 ^[2]	2	

REMARKS:

- ¹ Front strut has 40mm longer travel than original equipment.
- ² Rear shock has 50mm longer travel than original equipment.

XL7 WAGON 2001 - 2005

FRONT <i>Estimated Lift: 25mm</i>	PETROL ENGINE			DIESEL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: NO ACCESSORIES	OME956	2		OME962	2	
STRUT	N173S	2		N173S	2	

REAR <i>Estimated Lift: 35mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME968	2	
SHOCK ABSORBER	N153	2	

JIMNY SN413

FRONT <i>Estimated Lift: 40mm</i>	4 CYLINDER PETROL ENGINE			DIESEL ENGINE		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 35 KGS	OME963	2		OME965	2	
SHOCK ABSORBER	OME028	2		OME028	2	
SPRING: 36 TO 85 KGS	OME965	2		OME969	2	
SHOCK ABSORBER	OME028	2		OME028	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING:	OME966	2	
	OME967		
SHOCK ABSORBER	OME029	2	
TRIM PACKER	OMESJR10		

REMARKS:

- 1** OME966 suits Japanese built models with a 20mm higher right hand side coil.
OME967 suits European built models with equal height coils.

SIERRA ALL LEAF SPRING MODELS (SJ413)

STD TRACK : 1984 - 1988

SJ50 - SWB

SJ51 - LWB

WIDE TRACK : 1988 - 1996

SJ70 - SWB (also fits MG410)

SJ71 - LWB (also fits MG410WT)

Note: MG410 & MG10WT are Indian built LWB models.

FRONT <i>Estimated Lift: 40mm</i>	1.0 LITRE			1.3 LITRE		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 25 KGS	CS012FA / B ⁵	1 + 1		CS012FA / B ⁵	1 + 1	
SHOCK ABSORBER	OME015	2		OME025	2	
SPRING: 26 TO 75 KGS	CS013FA / B ⁵	1 + 1		CS013FA / B ⁵	1 + 1	
SHOCK ABSORBER	OME025	2		OME025	2	
SPRING BUSH	OMESB19 ¹	2		OMESB19 ¹	2	
	OMESB25			OMESB25		
U BOLTS	Required ³	4		Required ³	4	
FITTING KIT	FK06 ⁴	1		FK06 ⁴	1	
TRIM PACKER	TP05			TP05		
STEERING DAMPER	OMESD30	1		OMESD30	1	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS038R	2	
SHOCK ABSORBER	OME013 ²	2	
	N43		
SPRING: CONSTANT 100 KGS	CS039R	2	
SHOCK ABSORBER	OME013 ²	2	
	N43		
SPRING BUSH KIT	OMESB19 ¹	2	
	OMESB25		
U BOLTS	Required ³	4	
TRIM PACKER	TP05		

REMARKS:

1 OMESB19 bush kit fits all models except LJ50. OMESB25 bush kit only fits model LJ50.

2 OME013 fits all models except LJ80 and LJ80 II. N43 fits all LJ80 and LJ80 II models.

3 88 to '96 1300cc Wide Track Models:

Front: D/S OMEU61 x 1, OMEU61B x 1 P/S OMEU60 x 2

Rear: OMEU60 x 4

84 to '88 1300cc STD Track Models:

Front: D/S OMEU61 x 1, OMEU61B x 1 P/S OMEU62 x 2

Rear: OMEU62 x 4

81 to '87 1000cc Models:

Front: D/S OMEU61 x 1, OMEU61B x 1 P/S OMEU60 x 2

Rear: OMEU60 x 4

4 FK06 kit required for model with OE stabiliser bar. Refer OME Technical & Fitting Manual.

5 IMPORTANT: Sierras used in extreme heavy off road use eg. Station mustering must have CS013FA + B installed.

SANTANA SAMURAI TO 2004 SWB & LWB MODELS

FRONT <i>Estimated Lift: 30 - 40mm</i>	1.3 LITRE PETROL			1.9 LITRE DIESEL		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 25 KGS - 40mm	CS012FA / B	1 + 1		CS013FA / B	1 + 1	
SHOCK ABSORBER	OME034	2		OME034	2	
SPRING: 26 TO 75 KGS	CS013FA / B ^[1]	1 + 1		CS013FA / B ^[1]	1 + 1	
SHOCK ABSORBER	OME034	2		OME034	2	
SPRING BUSH	OMESB19	2		OMESB19	2	
U BOLTS	OE ^[2]			OE ^[2]	4	
STEERING DAMPER	OMESD30 ^[3]	1		OMESD30 ^[3]	1	
TRIM PACKER	TP05			TP05		

REAR <i>Estimated Lift: 40mm</i>	SWB MODELS			LWB MODELS		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS038R	2		CS039R	2	
SHOCK ABSORBER	OME035	2		OME035	2	
SPRING: CONSTANT 100KGS	CS039R	2		CS039R ^[4]	2	
SHOCK ABSORBER	OME035	2		OME035	2	
SPRING BUSH KIT	OMESB19	2		OMESB19	2	
U BOLTS	OE ^[2]			OE ^[2]		
TRIM PACKER	TP05			TP05		

REMARKS:

- Fitment of XL Leaf D20XL is recommended for weight in excess of 26kg on diesel model & 75 kg on petrol model.
- Front: LHS: OMEU60 x 2, RHS: OMEU61B x 2 Required when fitting CS013FA/B
Rear: OMEU60 x 4 Required when fitting CS039R.
- OMESD30 can be fitted to models which have an OE Steering Damper.
- Fitment of XL Leaf D21XL is recommended for LWB models with constant 100kg rear weight or OE hard top.

LANDCRUISER 200 SERIES WAGON

FRONT <i>Estimated Lift: As Below</i>	ALL V8 ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: NO WEIGHT: 25mm LIFT	OME700 ¹	2	
STRUT	N208S	2	
SPRING: 100 KGS: 25mm LIFT	OME701 ¹	2	
STRUT	N208S	2	
SPRING: NO WEIGHT: 50mm LIFT	OME702 ¹	2	
STRUT	N208S	2	
SPRING: 100 KGS: 50mm LIFT	OME703 ¹	2	
STRUT	N208S	2	
COIL PACKER	OME95PF5 ²		

REAR <i>Estimated Lift: As Below</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD: LESS 20mm	OME720	2	
SHOCK ABSORBER	N209	2	
SPRING: MEDIUM LOAD: NO LIFT	OME721	2	
SHOCK ABSORBER	N209	2	
SPRING: MEDIUM LOAD: 20mm LIFT	OME722	2	
SHOCK ABSORBER	N209	2	
SPRING: CONSTANT 200 KGS: 20mm	OME723	2	
SHOCK ABSORBER	N210	2	
SPRING: CONSTANT 400 KGS: 20mm	OME724	2	
SHOCK ABSORBER	N210	2	
SPRING: CONSTANT 600 KGS: 20mm	OME725	2	
SHOCK ABSORBER	N210	2	
TRIM PACKER	OME80PR05		
	OME80PR10		
STONE GUARD KIT	OME661 ³	1	

SELECTION HINTS:

The OME spring range has been developed to give owners the ability to reduce the very pronounced 75mm of rear to front rake of the original Toyota suspension. By carefully matching the OME front and rear springs the rake can be reduced to be between 20mm and 50mm.

NB: Where 20mm lift rear coils are selected they must be matched to 50mm lift front springs.

REMARKS:

- 1 OME Coils and N208S strut can only be installed together due to different winding of the lower coil end to suit the N208S coil seat. They are not compatible with the OE Equipment.
- 2 To maintain ride height when front accessory weight exceed 100 KGS, OME95PF5 coil packer should be installed, each OME95PF5 will increase ride height by 10mm.
- 3 OME661 lower shock stone guards are recommended fitment for protection against stone damage.

LANDCRUISER 100 SERIES INDEPENDENT FRONT SUSPENSION

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 75 KGS	303001 1	1	
	303002		
SHOCK ABSORBER	*N199 / N133 / N100	2	
FITTING KIT	FK27 5	1	

REAR <i>Estimated Lift: 10mm</i>	ALL MODELS 10/2000 ON		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME860	2	
SHOCK ABSORBER	*N200 / N101	2	
SPRING: CONSTANT 200 KGS	OME863	2	
SHOCK ABSORBER	*N200 / N101	2	
SPRING: CONSTANT 400 KGS	OME864	2	
SHOCK ABSORBER	N200	2	
SPRING: MEDIUM LOAD	OME866 4	2	
	OME862		
SHOCK ABSORBER	*N200 / N101	2	
TRIM PACKER	OME80PR05 2		
	OME80PR10		
STONE GUARD KIT	OME661 3	1	

REAR <i>Estimated Lift: 40mm</i>	10/98 TO 2000 V8 MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME865	2	
SHOCK ABSORBER	*N200 / N101	2	
SPRING: CONSTANT 200 KGS	OME866	2	
SHOCK ABSORBER	*N200 / N101	2	
TRIM PACKER	OME80PR05 2		
	OME80PR10		
STONE GUARD KIT	OME661 3	1	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
It is important that a minimum of 60mm of droop is maintained to prevent topping out of the front shock absorbers. 303001 suits V8 models, 303002 suits Turbo Diesel models.
NB: In some Middle Eastern Countries, 6 cylinder Petrol LandCruiser 100 Series (IFS) use the longer turbo diesel torsion bars.
- 2 Packers must be installed on top of coils.
- 3 OME661 or OME662 (suits 40mm diameter control arms) lower shock mount stone guard is recommended fitment to rear shocks to protect against severe stone peppering encountered on loose road surfaces.
- 4 Original rear rake is 60mm approximately with OE coil rates of 145lbs/in or 25.5N/mm.
Customers wishing to lower the rear height but increase the load carrying ability can select from:
OME866 - Reduces OE height by 10mm (rates 240 - 300lbs/in, 42 - 52.5N/mm).
OME862 - Reduces OE height by 30mm (rates 240lbs/in, 42N/mm).
- 5 Due to the common problem of the lower control arm cracking when driven under hard conditions, the fitment of a FK27 lower control arm reinforcing bracket kit is strongly recommended.

LANDCRUISER 105 SERIES & 80 SERIES WAGONS LIVE AXLE FRONT SUSPENSION MODELS

FRONT <i>Estimated Lift: 10 - 50mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS - 50mm	OME851 1	2	
SHOCK ABSORBER	*N73 / N70	2	
SPRING: 51 TO 110 KG-50mm	OME850 1	2	
SHOCK ABSORBER	N73	2	
SPRING: TO 110KG-10mm LIFT	OME861 1	2	
SHOCK ABSORBER	N73	2	
TRIM PACKER	OME80PF05	3	
	OME80PF10		
STEERING DAMPER	OMESD24	1	
CASTER KIT	OMECA77B 2	1	

REAR <i>Estimated Lift: 20 - 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME860 1	2	
SHOCK ABSORBER	*N74E / N71E	2	
SPRING: CONSTANT 200 KGS	OME863 1	2	
SHOCK ABSORBER	N74E	2	
SPRING: CONSTANT 400 KGS	OME864 1	2	
SHOCK ABSORBER	N74E	2	
SPRING: CONSTANT 600 KGS	OME868 1	2	
SHOCK ABSORBER	N74E	2	
SPRING: MEDIUM 20mm LIFT	OME862 1	2	
SHOCK ABSORBER	*N74E / N71E	2	
TRIM PACKER	OME80PR05	3	
	OME80PR10		
STONE GUARD KIT	OME661 4	1	

REAR <i>Estimated Lift: 50mm</i>	LPG CONVERSION		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME860 1	2	
SHOCK ABSORBER	*N74E / N71E	2	
SPRING: CONSTANT 200 KGS	OME863 1	2	
SHOCK ABSORBER	N74E	2	
TRIM PACKER	OME80PR05	3	
	OME80PR10		
STONE GUARD KIT	OME661 4	1	

REMARKS:

- For models built from 8/91 add 20mm to lift height shown which is based on average for petrol and diesel engines.
- OMECA77B caster kit will increase caster angle by 2°. Check manufacturer's specifications to determine if OMECA77B kit is required.
- Packers must be installed on the top of Coil Springs.
- OME662 or OME661 Lower shock mount stone guard is recommended fitment to protect against severe stone peppering encountered on loose road surfaces. OME662 will only fit models with 40mm diameter control arms.

PRADO 120 SERIES 4/2003 ON LWB & SWB

EXCEPT TEMS MODELS (ELECTRONICALLY MODULATED SUSPENSION)

FRONT <i>Estimated Lift: 25mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME883 [1]	2	
STRUT	N140S	2	
SPRING: 51 TO 100 KGS	OME884 [1]	2	
STRUT	*N201S / N140S	2	
SPRING: 101 TO 150 KGS	OME885 [1]	2	
STRUT	N201S	2	
TRIM PACKER	OME95PF5		

REAR <i>Estimated Lift: 40mm</i>	LWB MODELS			SWB MODELS		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME895E [3]	2		OME895E	2	
	OME895					
SHOCK ABSORBER	*N142 / N141 [2]	2		*N142 / N141 [2]	2	
SPRING: 150KGS - 400KGS	OME896	2		OME896	2	
SHOCK ABSORBER	*N202 / N142 [2]	2		*N202 / N142 [2]	2	
SPRING: CONSTANT 400 KGS	OME897	2		OME897	2	
SHOCK ABSORBER	N202 [2]	2		N202 [2]	2	
STONE GUARD KIT	OME661	1		OME661	1	

REMARKS:

- [1] To maintain front strut droop it is important front coils are selected as shown.
- [2] OME661 lower shock mount stone guard is recommended fitment to rear shocks to protect against severe stone pepping encountered on loose road surfaces.
- [3] OME895E suits LWB models without OE 2nd fuel tank. OME895 suits LWB models with OE 2nd fuel tank.

PRADO 90 SERIES TO 10/2002 LWB

FRONT <i>Estimated Lift: 40mm</i>	V6 PETROL ENGINES			DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME880 [1]	2		OME881 [1]	2	
STRUT	N91S/N91SC	2		N91S/N91SC	2	
SPRING: 51 TO 110 KGS	OME881 [1]	2		OME882 [1]	2	
STRUT	*N91SB / N91S	2		*N91SB / N91S	2	
TRIM PACKER	OME95PF5			OME95PF5		

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME890	2	
SHOCK ABSORBER	N86 / N86C [2]	2	
SPRING: CONSTANT 150 KGS	OME891	2	
SHOCK ABSORBER	*N86B / N86 [2]	2	
SPRING: CONSTANT 300 KGS	OME892	2	
SHOCK ABSORBER	*N86B / N86 [2]	2	
TRIM PACKER	OME80PF05		
	OME80PF10		
STONE GUARD KIT	OME661	1	

REMARKS:

- 1 To maintain front strut droop it is important front coils are selected as shown.
- 2 OME661 lower shock mount stone guard is recommended fitment to rear shocks to protect against severe stone peppering encountered on loose road surfaces.

TUNDRA 2007 ON

FRONT <i>Estimated Lift: 60mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: NO BAR	OME612	2	
STRUT	N192S	2	
SPRING: BAR ONLY	OME614	2	
STRUT	N192S	2	
SPRING: BAR & WINCH	OME613	2	
STRUT	N192S	2	

REAR <i>Estimated Lift: 60mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS055R	2	
SHOCK ABSORBER	N193	2	
XL LEAF	D28XL	2	
SPRING BUSH - BONDED RUBBER	SUPPLIED WITH SPRINGS		
U BOLTS	OMEU53B	4	
FITTING KIT	FK32 [1]	1	
GREASABLE SHACKLE KIT	OE		

REMARKS:

- 1 FK32: Brake Line and ABS Wire Bracket Relocation Kit is a mandatory fitment.

FJ CRUISER 2006 ON

FRONT <i>Estimated Lift: 50mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: NO ACCESSORIES	OME884	2	
STRUT	N140S	2	
SPRING: TO 60 KGS	OME885	2	
STRUT	N140S	2	
SPRING: 60 TO 120 KGS	OME886	2	
STRUT	N140S	2	
TRIM PACKER	OME95PF5		

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LIGHT LOAD	OME895	2	
SHOCK ABSORBER	N141	2	
SPRING: MEDIUM LOAD	OME896	2	
SHOCK ABSORBER	N141	2	

FORTUNER 2004 ON

FRONT <i>Estimated Lift: 40mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 75 KGS	OME883	2	
STRUT	*N167S / N166S	2	
SPRING: 76 TO 120 KGS	OME884	2	
STRUT	N167S	2	
TRIM PACKER	OME95PF5		

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME802	2	
SHOCK ABSORBER	N191	2	
SPRING: CONSTANT 200 KGS	OME803	2	
SHOCK ABSORBER	N191	2	

LANDCRUISER 76 SERIES WAGON

FRONT <i>Estimated Lift: 50mm</i>	V8 DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 60 KGS	OME856	2	
SHOCK ABSORBER	N106	2	
SPRING: 61 TO 120 KGS	OME859	2	
SHOCK ABSORBER	N181	2	
STEERING DAMPER	OMESD47	1	
CASTER KIT	OMECA77B ^[1]	1	

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM	CS057R	2	
SHOCK ABSORBER	*N197 / N75E	2	
SPRING: CONSTANT 400KGS	CS058R	2	
SHOCK ABSORBER	N197	2	
SPRING BUSH KIT	OMESB86 ^[2]	2	
	OMESB85		
GREASABLE SHACKLE KIT	OMEGB19 ^[3]	1	
	OMEGP7	1	
ANTI-INVERSION KIT	FK38 ^[3]	1	
U BOLTS	OMEU59D	4	

REMARKS:

- 1** OMECA77B caster kit will increase caster angle by 2°. Check manufacturer's specifications to determine if required.
- 2** Be sure to select OME bush kits carefully:
OMESB85: Use for all models when installing OME Greasable Shackles & Pins.
OMESB86: Use when original shackles & pins are used.
- 3** To prevent springs from inverting it is mandatory that either OMEGB19 Greasable Shackle Kit or FK38 Anti-Inversion Kit be installed.

LANDCRUISER 78 & 79 SERIES

FRONT <i>Estimated Lift:</i> 6 Cylinder Models: 40mm V8 Models: 50mm	PETROL & DIESEL 6 CYLINDER ENGINE			V8 DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME856	2		OME859	2	
SHOCK ABSORBER	*N181/N106	2		*N181/N106	2	
SPRING: 51 TO 120 KGS	OME859	2		OME853	2	
SHOCK ABSORBER	N181	2		N181	2	
STEERING DAMPER	OMESD24 ^[4]	1		OMESD47	1	
	OMESD47	1				
CASTER KIT	OMECA77B ^[1]	1		OMECA77B ^[1]	1	
TRIM PACKER	OME79PF10			OME79PF10		

REAR <i>Estimated Lift:</i> All Models: 45mm	79 SERIES SINGLE CAB			78 SERIES TROOP CARRIER		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: CONSTANT 200KGS	CS013R	2		CS013R	2	
SHOCK ABSORBER	*N75F / N75E	2		*N75F / N75E	2	
SPRING: CONSTANT 400KGS	CS014R	2		CS014R	2	
SHOCK ABSORBER	N197	2		N197	2	
SPRING: CONSTANT 600KGS	CS015R	2		CS015R	2	
SHOCK ABSORBER	N197	2		N197	2	
SPRING BUSH KIT	OMESB84 ^[2]	2		OMESB86 ^[2]	2	
	OMESB85			OMESB85		
GREASABLE SHACKLE KIT	OMEGS10	1		OMEGS19	1	
	OMEGP7	1		OMEGP7	1	
U BOLTS	OMEU59B	4		OMEU59B	4	
SWAY BAR BRACKET KIT	NOT REQUIRED			FK34 ^[3]	1	

REMARKS:

- 1** OMECA77B caster kit will increase caster angle by 2°. Check manufacturer's specifications to determine if OMECA77B kit is required.
- 2** There is a difference between the shackles on Single Cab models and Troop Carrier models.
Be sure to select OME bush kits carefully:
OMESB84: Use for all single cab models when original shackles & pins are used.
OMESB85: Use for all models when installing OME greasable shackles & pins.
OMESB86: Use for Troop Carrier models when original shackles & pins are used.
- 3** FK34 Sway Bar Extension Bracket Kit must be installed to prevent damage to Sway Bar mounts, due to increased suspension travel
- 4** OMESD24 suits pre 2007 models (open length 651mm).
OMESD47 suits 2007on models (open length 750mm).

LANDCRUISER 75 SERIES

FRONT <i>Estimated Lift: 50mm</i>	PETROL ENGINES			DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	CS006F ^[1]	2		CS006F	2	
SHOCK ABSORBER	*N88 / N92	2		*N88 / N92	2	
SPRING: 51 TO 110 KGS	CS006F	2		CS007F	2	
SHOCK ABSORBER	*N50 / N88	2		*N50 / N88	2	
U BOLTS	OMEU51	4		OMEU51	4	
SPRING BUSH KIT	OMESB1	2		OMESB1	2	
GREASABLE SHACKLE KITS	OMEGS2	1		OMEGS2	1	
	OMEGP1	1		OMEGP1	1	
STEERING DAMPER	OMESD24	1		OMESD24	1	
ANTI INVERSION KIT	FK08 ^[2]	1		FK08 ^[2]	1	

REAR <i>Estimated Lift: 70mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS006R	2	
SHOCK ABSORBER	*N75F / N75E	2	
SPRING: CONSTANT 400 KGS	CS007R	2	
SHOCK ABSORBER	N75F	2	
SPRING: CONSTANT 600 KGS	CS008R	2	
SHOCK ABSORBER	N75F	2	
SPRING BUSH KIT	OMESB16	2	
U BOLTS	OMEU59B	4	
GREASABLE SHACKLE KITS	OMEGS1 ^[3]	1	
	OMEGP2	1	
ANTI INVERSION KIT	FK08 ^[2]	1	

REMARKS:

- Vehicles with no front accessory weight will require the removal of the 4th leaf from the top of the spring stack. This is to maintain good shackle angle by not allowing the bump stop measurement to exceed 100mm.
- Shackles: FK08 anti inversion kit is mandatory fitment front and rear if greasable shackles are not fitted.
Note: Spring Caster Wedge OMECW2 (2° Caster Wedges) may be required to restore positive caster angle. Front end alignment check will indicate required adjustment.
- There can be 2 spigot sizes in the rear fixed end pins on 75 Series LandCruisers. Check for correct size before ordering greasable pins. Part numbers are:
50mm spigot = OMEGP2.
51mm spigot = OMEGP4.

LANDCRUISER HZJ71 & HZJ74 SWB & MWB

FRONT <i>Estimated Lift: 50mm</i>	DIESEL 4.2 ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME856	2	
SHOCK ABSORBER	*N106 / N106C	2	
SPRING: 51 TO 110 KGS	OME859	2	
SHOCK ABSORBER	N106	2	
STEERING DAMPER	OMESD24	1	
CASTER KIT	OMECA77B ¹	1	

REAR <i>Estimated Lift: 60mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS017RB ²	2	
SHOCK ABSORBER	N68	2	
SPRING: CONSTANT 250 KGS	CS004RB ²	2	
SHOCK ABSORBER	N75	2	
SPRING BUSH KIT	OMESB93 ³	2	
U BOLTS	OMEU59A	4	
GREASABLE SHACKLE KITS	OMEGS10 ³	1	
	OMEGP7	1	

REMARKS:

- ¹ OMECA77B caster kit will increase caster angle by 2°. Check manufacturer's specifications to determine if OMECA77B kit is required.
- ² If rear bump stop measurements exceed 150mm remove 3rd leaf.
- ³ OME greasable shackles OMEGS10 & OMEGP7 are mandatory fitment. OE shackles cannot be used.

LANDCRUISER II LJ / RJ70

FRONT <i>Estimated Lift: 30mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME872	2	
SHOCK ABSORBER	N77	2	
SPRING: 51 TO 110 KGS	OME874	2	
SHOCK ABSORBER	*N77B / N77	2	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME873	2	
SHOCK ABSORBER	N79	2	
SPRING: CONSTANT 100 KGS	OME875	2	
SHOCK ABSORBER	*N79B / N79	2	

BUNDERA RJ70

FRONT <i>Estimated Lift: 40mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME870	2	
SHOCK ABSORBER	N114	2	
SPRING: 51 TO 110 KGS	OME876	2	
SHOCK ABSORBER	N114	2	

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME871	2	
SHOCK ABSORBER	N112 ¹	1	
	N113	1	

REMARKS:

- 1 N112 fits left hand side.
N113 fits right hand side.

LANDCRUISER 70, 73, 74 SERIES SWB & MWB

FRONT <i>Estimated Lift: 50mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	CS006F ¹	2	
SHOCK ABSORBER	*N88 / N92	2	
SPRING: 51 TO 110 KGS	CS006F	2	
SHOCK ABSORBER	N88	2	
SPRING BUSH KIT	OMESB1	2	
U BOLTS	OMEU51	4	
GREASABLE SHACKLE KITS	OMEGS2	1	
	OMEGP1	1	
STEERING DAMPER	OMESD24	1	
ANTI INVERSION KIT	FK08 ³	1	

REAR <i>Estimated Lift: 75mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS017RA / B	1 + 1	
SHOCK ABSORBER	N85	2	
SPRING: CONSTANT 200 KGS	CS004RA / B ²	1 + 1	
SHOCK ABSORBER	N85	2	
SPRING BUSH KIT	OMESB1	2	
U BOLTS	OMEU59A	4	
GREASABLE SHACKLE KITS	OMEGS2	1	
	GSP01 ⁴	1	
ANTI INVERSION KIT	FK08 ³	1	

REMARKS:

- 1 Vehicles with no front accessory weight will require the removal of the 4th leaf from the top of the spring stack. This is to maintain good shackle angle by not allowing the bump stop measurement to exceed 100mm.
- 2 If bump stop measurement exceeds 150 - 160mm remove 3rd leaf from top of spring stack to prevent shock absorber from topping out.
- 3 Shackles: FK08 anti inversion kit is mandatory fitment front and rear if greasable shackles are not fitted.
Note: Spring Caster Wedge OMECW2 (2° Caster Wedges) may be required to restore positive caster angle. Front end alignment check will indicate required adjustment.
- 4 There can be 2 spigot sizes of the rear fixed end pins. Check spigot size before ordering greasable pins.
50mm spigot = OMEGP2 51mm spigot = OMEGP4

LANDCRUISER 60, 61 & 62 SERIES

FRONT <i>Estimated Lift: 50mm</i>	PETROL ENGINES			DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	CS003F	2		CS004F [1]	2	
SHOCK ABSORBER	*N88 / N92	2		*N50 / N88	2	
SPRING: 51 TO 110 KGS	CS004F [1]	2		CS005F [1]	2	
SHOCK ABSORBER	N88	2		N50	2	
SPRING BUSH KIT	OMESB1	2		OMESB1	2	
U BOLTS	OMEU51 [2]	4		OMEU51 [2]	4	
FITTING KIT	FK01 [3]	1		FK01 [3]	1	
GREASABLE SHACKLE KITS	OMECS2	1		OMECS2	1	
	OMEGP1	1		OMEGP1	1	
STEERING DAMPER	OMESD24	1		OMESD24	1	
ANTI INVERSION KIT	FK08 [6]	1		FK08 [6]	1	

REAR <i>Estimated Lift: 75mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: RIDE/LIGHT LOAD	CS017RA / B [5]	1 + 1	
SHOCK ABSORBER	N94 [4]	2	
	N95		
SPRING: MEDIUM LOAD	CS004RA / B [5]	1 + 1	
SHOCK ABSORBER	*N90 / N85 [4]	2	
	*N42 / N89		
FITTING KIT	FK0422 [3]	1	
	FK0411		
SPRING: CONSTANT 200 KGS	CS005RA / B [5]	1 + 1	
SHOCK ABSORBER	N90 [4]	2	
	N42		
FITTING KIT	FK0418 [3]	1	
SPRING BUSH KIT	OMESB1	2	
U BOLTS	OMEU59B [2]	4	
GREASABLE SHACKLE KITS	OMECS1	1	
	OMEGP1	1	
ANTI INVERSION KIT	FK08 [6]	1	

REMARKS:

- 1 Vehicles with no front accessory weight may require the removal of the 4th leaf from the top of the spring stack. This is to maintain good shackle angle by not allowing the bump stop measurement to exceed 100mm. OMECW2 spring caster wedge may be required to restore positive caster angle.
- 2 Compare original spring stack to OME spring stack to determine U bolt requirement.
- 3 Front: FK01 not required if OE U bolts are replaced with OMEU51.
Rear: Fitting Kit FK0418 is only required on vehicles with rubber insulators around rear springs.
Refer OME Technical & Fitting Manual Section 7 GFI: LandCruiser 60 Series page 7 selection chart.
- 4 Post 1986 vehicles have 19mm mounting pin and accept shock part no's N94, N90 & N85.
Pre 1986 vehicles have 16mm mounting pin and accept shock part no's N95, N42 & N89.
- 5 Barn door models may require A/A or B/B spring fitment.
- 6 Shackles: FK08 anti inversion kit is mandatory fitment if greasable shackles are not fitted.
Refer OME Technical & Fitting Manual.

LANDCRUISER 45, 47 SERIES ALL LWB MODELS

FRONT <i>Estimated Lift: 35mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	CS001F	2	
SHOCK ABSORBER	N81	2	
SPRING: 51 TO 110 KGS	CS002F	2	
SHOCK ABSORBER	*N41 / N81	2	
SPRING BUSH KIT	See Chart Below	2	
U BOLTS - 25mm Eye Spring	OMEU59A	3	
	OMEU59B	1	
U BOLTS - 35mm Eye Spring	OMEU59A	3	
	OMEU55	1	
GREASABLE SHACKLE KITS	See Chart Below		
STEERING DAMPER	OMESD23	1	
ANTI INVERSION KIT	FK08 1	1	

REMARKS:

- 1 FK08 anti inversion kit is mandatory fitment front and rear if greasable shackles are not fitted
- 2 Remove 3rd leaf from CS003R spring stack to reduce spring rate for light duty application.

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS003R 2	2	
SHOCK ABSORBER	N42	2	
SPRING: CONSTANT 400 KGS	CS003R	2	
SHOCK ABSORBER	N42	2	
SPRING BUSH KIT	See Chart Below	2	
U BOLTS	OMEU59B	4	
TRIM PACKER	TP02		
GREASABLE SHACKLE KITS	See Chart Below		
ANTI INVERSION KIT	FK08 1	1	

GREASABLE SHACKLES						
FRONT	KIT PART NO.	QTY.	UNIT PRICE \$	Compatible Bush Kit	QTY.	UNIT PRICE \$
18mm Shackle Pins & 35mm Hanger Bracket	OMEGS2	1		OMESB1	2	
	OMEGP1	1		OMESB1	2	
15mm Shackle Pins & 25mm Hanger Bracket	OMEGS8	1		OMESB30	2	
	OMEGP8	1		OMESB30	2	
REAR						
18mm Shackle Pins & 30mm Hanger Bracket	OMEGS17	1		OMESB79	2	
	*GSP02	2		OMESB79	2	
15mm Shackle Pins & 25mm Hanger Bracket	OMEGS9	1		OMESB30	2	
	OMEGP8	1		OMESB30	2	

* GSP02 is only a greasable pin replacement for Original Pin

LANDCRUISER 40, 42 SERIES SWB

FRONT <i>Estimated Lift: 35mm</i>	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	CS001F	2	
SHOCK ABSORBER	N81	2	
SPRING: 51 TO 110 KGS	CS002F	2	
SHOCK ABSORBER	N41	2	
SPRING BUSH KIT	OMESB30	2	
	OMESB1		
U BOLTS - 25mm Eye Spring	OMEU59A	3	
	OMEU59B	1	
U BOLTS - 35mm Eye Spring	OMEU59A	3	
	OMEU55	1	
GREASABLE SHACKLE KITS	See Chart Below		
STEERING DAMPER	OMESD23	1	
ANTI INVERSION KIT	FK08	1	

REAR <i>Estimated Lift: 60mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS001R	2	
SHOCK ABSORBER	*N89 / N95	2	
SPRING: CONSTANT 150 KGS	CS002R	2	
SHOCK ABSORBER	N89	2	
U BOLTS	OMEU59A	4	
SPRING BUSH KIT	OMESB30	2	
	OMESB1		
GREASABLE SHACKLE KITS	See Chart Below		
ANTI INVERSION KIT	FK08	1	

REMARKS:

- 1** OMESB30 suits 35mm spring eye and 25mm hanger bracket with 15mm shackle pin hole.
OMESB1 suits 35mm spring eye and hanger bracket with 18mm shackle pin hole.
- 2** FK08 anti inversion kit is mandatory fitment front and rear if greasable shackles are not fitted.

GREASABLE SHACKLES								
	FRONT	QTY.	UNIT PRICE \$	REAR	QTY.	UNIT PRICE \$	Compatible Bush Kit ¹	UNIT PRICE \$
18mm Shackle Pin	OMECS2	1		OMECS1	1		OMESB1	
	OMECP1	1		OMECP1	1			
15mm Shackle Pin	OMECS8	1		OMECS9	1		OMESB30	
	OMECP8	1		OMECP8	1			

TACOMA V6 10/2004 ON

FRONT <i>Estimated Lift: 50mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME885	2	
STRUT	N140S	2	
SPRING: 51 TO 100 KGS	OME886	2	
STRUT	N140S	2	

REAR <i>Estimated Lift: 55mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS047R	2	
SHOCK ABSORBER	N182	2	
U BOLT	OMEU53A	4	
SPRING BUSH KIT	USE OE		
DRIVESHAFT SPACER KIT	FK29	1	

TACOMA V6 & 4 CYLINDER 1998 - 2004

FRONT <i>Estimated Lift: 45mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	OME880	2	
STRUT	N91SC	2	
SPRING: 51 TO 100 KGS	OME881	2	
STRUT	N91S	2	

REAR <i>Estimated Lift: 55mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS046RA / B	1 + 1	
SHOCK ABSORBER	N85	2	
SPRING BUSH KIT	OMESB88	2	
	OMESB89		
GREASABLE SHACKLE KIT	OMEGS12	1	
EXHAUST BRACKET KIT	FK21	1	

REMARKS:

- 1** OMESB88 must be used with OMEGS12 greasable shackles.
OMESB89 must be used with original shackles.
- 2** FK21 exhaust bracket is mandatory fitment to ensure exhaust system clears springs.

HILUX/VIGO 2005 ON ALL MODELS

FRONT <i>Estimated Lift: 30mm</i>	ALL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 75 KGS	OME883 [1]	2	
STRUT	*N167S / N166S	2	
SPRING: 76 TO 120 KGS	OME884 [1]	2	
STRUT	N167S	2	
TRIM PACKER	OME95PF5		

REMARKS:

- 1 To maintain coil clearance from the Sway Bar, the coil seat must be installed with the helix facing away from the Sway Bar.

REAR <i>Estimated Lift: 45mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: LOW LIFT 20mm	CS043R-15	2	
SHOCK ABSORBER	N168	2	
SPRING: LIGHT LOAD	CS043R	2	
SHOCK ABSORBER	N168	2	
SPRING: MEDIUM LOAD	CS044R	2	
SHOCK ABSORBER	*N169 / N168	2	
SPRING: CONSTANT 400 KGS	CS045R	2	
SHOCK ABSORBER	N169	2	
SPRING BUSH KIT	OMESB98	2	
U BOLTS	OMEU53A	4	
GREASABLE SHACKLE KIT	OMEGS14	1	

HILUX/TIGER 1997 - 2004 ALL MODELS

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303003 [2]	1	
SHOCK ABSORBER	*N87 / N80	2	
STEERING DAMPER	OMESD33	1	

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS018R	2	
SHOCK ABSORBER	N68 + N68E [3]	1 + 1	
SPRING: CONSTANT 120 KGS	CS019R	2	
SHOCK ABSORBER	*N75 + N75E [3]	1 + 1	
	N68 + N68E [3]	1 + 1	
SPRING: CONSTANT 250 KGS	CS020R	2	
SHOCK ABSORBER	N75 + N75E [3]	1 + 1	
SPRING: CONSTANT 400 KGS	CS021R	2	
SHOCK ABSORBER	N75 + N75E [3]	1 + 1	
SPRING BUSH KIT	OMESB43	2	
GREASABLE SHACKLE KIT	OMEGS7 [4]	1	
ANTI INVERSION KIT	FK15	1	
FITTING KIT	FK01 [5]	1	

REMARKS:

- 2 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
- 3 N75E and N68E are longer in length and must be fitted to right hand side only. Fitment to left hand side may cause damage to shock absorber and vehicle.
- 4 Mandatory Fitment: Either OMEGS7 of FK15 anti inversion kit must be fitted to prevent possible spring inversion.
- 5 Fitment of FK01 spacer washers to U Bolts is required to ensure correct tension is obtained on U bolts.

HILUX & 4 RUNNER PRE 1997 ALL LEAF SPRING MODELS

FRONT <i>Estimated Lift: 45mm</i>	PETROL ENGINES			DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$	PART NUMBER	QTY	UNIT PRICE \$
SPRING: TO 50 KGS	CS008FA / B ^[1]	1 + 1		CS009FA / B ^[1]	1 + 1	
SHOCK ABSORBER	N84	2		*N93 / N84	2	
SPRING: 51 TO 110 KGS	CS009FA / B ^[1]	1 + 1		CS009FA / B ^[1]	1 + 1	
SHOCK ABSORBER	*N93 / N84	2		N93	2	
SPRING BUSH KIT	OMESB5	2		OMESB5	2	
U BOLT	OMEU52 ^[3]	1		OMEU52 ^[3]	1	
FITTING KIT	FK03 ^[2]	1		FK10 ^[2]	2	
GREASABLE SHACKLE KITS	OMEGS4	1		OMEGS4	1	
	OMEGP3	1		OMEGP3	1	
STEERING DAMPER	OMESD21	1		OMESD21	1	

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS009R ^[7]	2	
SHOCK ABSORBER	*N85 / N94 ^[5]	2	
	*N89 / N95		
SPRING: CONSTANT 250 KGS	CS010R ^[7]	2	
SHOCK ABSORBER	N85 ^[5]	2	
	N89		
U BOLTS	OMEU53	4	
SPRING BUSH KIT	OMESB6	2	
GREASABLE SHACKLE KITS	OMEGS3	1	
	OMEGP3	1	
TRIM PACKER	TP04 ^[4]		
ANTI INVERSION KIT	FK09 ^[6]	1	
	FK13		

REMARKS:

- 1** A/A spring fitment may be needed on some vehicles for trimming purposes.
- 2** Petrol HiLux may require an FK03 (saddle correction plates) if the spring seats are distorted.
FK10 must be fitted to all Diesel & Petrol models used off road. Refer OME Technical & Fitting Manual.
- 3** OMEU52 is required when fitting OME springs to stop the U bolt contacting the drag link.
Refer OME Technical & Fitting Manual.
- 4** A trim packer may be required to trim vehicle. Only to be used on rear springs.
- 5** Shock selection *N89 / N95 for medium and N89 for heavy applications applies to vehicles up to 1984 due to a 16mm eye and shorter open and closed lengths. Post 1984 vehicles with 19mm eye use *N85 / N94 for medium applications and N85 for heavy applications.
- 6** If greasable shackles are not fitted anti inversion kits must be fitted.
FK09 fits all pre 1984 models.
FK13 fits all 1985 models on.
- 7** To provide correct shackle angle, 1985 - 89 automatic 4 Runner models require the 3rd leaf to be removed to reduce spring rate.

HILUX PRE 1997 EXTRA CAB & DUAL CAB SR5 IFS & REAR LEAF MODELS

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: 50 KGS	303003 ^[1]	1	
SHOCK ABSORBER	N98	2	
STEERING DAMPER	OMESD33	1	

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS019R	2	
SHOCK ABSORBER	*N85 / N94	2	
SPRING: CONSTANT 200 KGS	CS020R	2	
SHOCK ABSORBER	*N85 / N94	2	
SPRING BUSH KIT	OMESB43	2	
U BOLTS	OMEU53B ^[2]	4	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
- 2 Compare original spring stack height to OME spring stack to decide whether OMEU53 or OMEU53B U bolts are required.

4 RUNNER 2003 ON

FRONT <i>Estimated Lift: 25-50mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: NO BAR	OME884 ^[1]	2	
SHOCK ABSORBER	N140S	2	
SPRING: TO 75 KGS	OME885 ^[1]	2	
SHOCK ABSORBER	N140S	2	
TRIM PACKER	OME95PF5		

REAR <i>Estimated Lift: 50mm</i>			
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME895	2	
SHOCK ABSORBER	N141	2	
SPRING: CONSTANT 150 KGS	OME896	2	
SHOCK ABSORBER	N142	2	
SPRING: CONSTANT 300 KGS	OME897	2	
SHOCK ABSORBER	N142	2	
STONE GUARD KIT	OME661	1	

REMARKS:

- 1 OME front coils can only be installed with OME Nitrocharger strut and coil seats.

4 RUNNER 1990 - 1996

IFS REAR COIL SPRING MODELS

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303003 ^[1]	1	
SHOCK ABSORBER	N98	2	
STEERING DAMPER	OMESD33	1	

REAR <i>Estimated Lift: 40mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	OME900	2	
SHOCK ABSORBER	N72F	2	
SPRING: CONSTANT 150 KGS	OME901	2	
SHOCK ABSORBER	N72F	2	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.

4 RUNNER 1986 - 1990

IFS REAR LEAF SPRING MODELS

FRONT	PETROL & DIESEL ENGINES		
	PART NUMBER	QTY	UNIT PRICE \$
TORSION BARS: OVER 50 KGS	303003 ^[1]	1	
SHOCK ABSORBER	N98	2	
STEERING DAMPER	OMESD33	1	

REAR <i>Estimated Lift: 50mm</i>	ALL MODELS		
	PART NUMBER	QTY	UNIT PRICE \$
SPRING: MEDIUM LOAD	CS009R ^[3]	2	
SHOCK ABSORBER	*N85 / N94	2	
SPRING: CONSTANT 200 KGS	CS010R ^[3]	2	
SHOCK ABSORBER	N85	2	
SPRING BUSH KIT	OMESB6	2	
U BOLTS	OMEU53B ^[2]	4	
GREASABLE SHACKLE KITS	OMEGS3	1	
	OMEGP3	1	

REMARKS:

- 1 Raise or lower front end clearance and trim vehicle by adjusting front torsion bars.
- 2 Compare original spring stack height to OME spring stack to decide whether OMEU53 or OMEU53B U bolts are required.
- 3 Install OE caster wedges from OE spring stack onto OME springs.
Ensure wedges are fitted as per original position.

SPECIFICATIONS

ADDING AN EXTRA LEAF

Part No.	Required Centre Bolt	OME Part Number	To Suit Dakar Spring No.	To Suit OME Spring No.
D1XL	UCB3	11XL	CS003F & CS004F	OME110 & OME11
D2XL	UCB2	113A/BXL	CS004RA/B & CS005RA/B	OME131A/B & OME1131A/B
D3XL	UCB8	13XL	CS001F & CS002F	OME13 & OME131
D4XL	UCB8	14XL	CS001R & CS002R	OME14 & OME141
D5XL	UCB6	17XL	CS009R & CS010R	OME17 & OME171
D6XL	UCB6	18XL	CS019R & CS020R	OME18 & OME181
D7XL	UCB5	19XL	CS040R	OME19
D8XL	UCB4	201XL	CS003R	OME201
D9XL	UCB17	26XL	CS026R & CS027R	OME26 & OME261
D10XL	UCB5	36XL	CS042R	OME36
D11XL	UCB5	3A/BXL	CS010FA/B	OME3A/B
D12XL	UCB1	4XL	CS011R & CS012R	OME4 & OME41
D13XL	UCB6	-	CS043R & CS044R & CS045R	-
D14XL	UCB17	49XL	CS013R & CS014R	OME491 & OME492
D15XL	UCB1	6XL	CS016RA/B	OME61A/B
D16XL	UCB5	67XL	CS006F	OME67
D17XL	UCB7	9A/BXL	CS008FA/B & CS009FA/B	OME99A/B & OME91A/B
D18XL	UCB14	NNXL	CS030R & CS031R & CS032R	OMENN1 & OMENN11
D19XL	UCB16	RODXL	CS028R & CS029R	OMEROD11
D20XL	UCB7	S1A/BXL	CS012FA/B	OMES1A/B
D21XL	UCB7	S2AXL	CS038R	OMES2
D22XL	UCB8	JCXL	CS034RA/B & CS035RA/B	OMEJC1A/B & OMEJC2A/B
D23XL	UCB9	J1FXL	CS014F	OMEJ1F
D24XL	UCB9	J1RXL	CS036R	OMEJ1R
D25XL	UCB4	39XL	CS006R & CS007R	OME391 & OME3911
D26XL	UCB15	ROD4XL	CS024R & CS025R	OMEROD4
D27XL	UCB19	-	CS048R	-
D28XL		-		-
D29XL	UCB17	-	CS047R	-
D30XL	UCB17	-	CS016F	-
D31XL	UCB19	-	CS050R	-
D32XL	UCB10	-	CS053R	-
D34XL	-	-	CS049R & CS056R	-
D35XL	-	-	CS057R & CS058R	-

* FK01 U Bolt Thread Spacer Kit required on all Cab Chassis models

REMOVING A LEAF:

In general terms, to reduce a spring's rate remove the third leaf from the top of the spring.
Except if the third leaf is fitted with a spring clip, in this case remove the fourth leaf.

SPECIFICATIONS

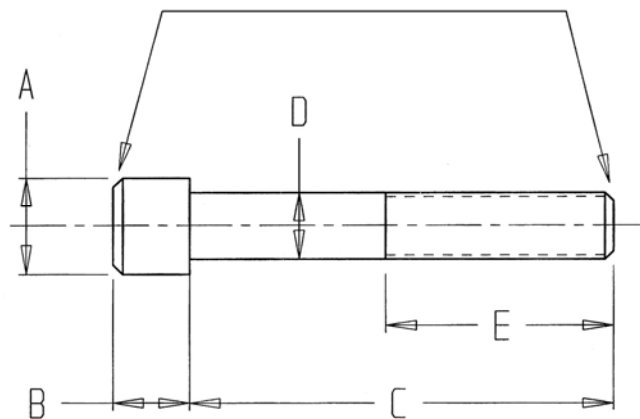
REPLACEMENT MAIN & SECOND LEAF

DAKAR PART NUMBER	OME SPRING PART NUMBER	MAIN LEAF PART NUMBER	SECOND LEAF PART NUMBER
FRONT SPRINGS			
CS001F, CS002F	40 SERIES - OME13, OME131	SL1F/1	SL1F/2
CS003F, CS004F, CS005F	60 SERIES - OME110, OME11, OME111	SL3F/1	SL3F/2
CS006F, CS007F	75 SERIES - OME67, OME671	SL6F/1	SL6F/2
CS008FA	HILUX - OME99A	SL8FA/1	SL8FA/2
CS008FB	HILUX - OME99B	SL8FB/1	SL8FB/2
CS009FA	HILUX - OME91A	SL9FA/1	SL9FA/2
CS009FB	HILUX - OME91B	SL9FB/1	SL9FB/2
CS010FA, CS011FA	PATROL M60 - OME3A, OME31A	SL10FA/1	SL10FA/2
CS010FB, CS011FB	PATROL M60 - OME3B, OME31B	SL10FB/1	SL10FB/2
CS012FA, CS013FA	SUZUKI SIERRA - OMES1A	SL12FA/1	SL12FA/2
CS012FB, CS013FB	SUZUKI SIERRA - OMES1B	SL12FB/1	SL12FB/2
CS014F	JEEP YJ - OMEJ1F	SL14F/1	SL14F/2
REAR SPRINGS			
CS001R, CS002R	40 SERIES - OME14, OME141	SL1R/1	SL1R/2
CS003R	45 SERIES - OME201	SL3R/1	SL3R/2
CS004RA, CS005RA	60 SERIES - OME113A, OME1131A	SL4RA/1	SL4RA/2
CS004RB, CS005RB	60 SERIES - OME113B, OME1131B	SL4RB/1	SL4RB/2
CS006R, CS007R, CS008R	75 SERIES - OME39, OME391, OME3911, OME39111	SL6R/1	SL6R/2
CS009R, CS010R	HILUX - OME17, OME171, OME1711	SL9R/1	SL9R/2
CS011R, CS012R	PATROL M60 - OME4, OME41	SL11R/1	SL11R/2
CS013R, CS014R, CS015R	78/79 SERIES - OME49, OME491, OME492, OME493	SL13R/1	SL13R/2
CS016RA	PATROL Y60, Y61 CAB CHASSIS - OME61A, OME611A	SL16RA/1	SL16RA/2
CS016RB	PATROL Y60, Y61 CAB CHASSIS - OME61B, OME611B	SL16RB/1	SL16RB/2
CS017RA	HJ60 - OME221A	SL17RA/1	SL17RA/2
CS017RB	HJ60 - OME221B	SL17RB/1	SL17RB/2
CS018R, CS019R, CS020R, CS021R	HILUX - OME180, OME18, OME181, OME1811	SL18R/1	SL18R/2
CS022R, CS023R	TRITON / PAJERO - OME22, OME222	SL22R/1	SL22R/2
CS024R, CS025R	ISUZU / RODEO 2003 - OMEROD4, OMEROD5	SL24R/1	SL24R/2
CS026R, CS027R	MAZDA / FORD UTE - OME26, OME261	SL26R/1	SL26R/2
CS028R, CS029R	ISUZU / RODEO - OMEROD1, OMEROD11, OMEROD111	SL28R/1	SL28R/2
CS030R, CS031R, CS032R	NAVARA D21, D22 - OMENN1, OMENN11, OMENN2	SL30R/1	SL30R/2
CS033RA	JEEP XJ - 75mm	SL33RA/1	SL33RA/2
CS033RB	JEEP XJ - 75mm	SL33RB/1	SL33RB/2
CS034RA, CS035RA	JEEP XJ - OMEJC1A, OMEJC2A	SL34RA/1	SL34RA/2
CS034RB, CS035RB	JEEP XJ - OMEJC1B, OMEJC2B	SL34RB/1	SL34RB/2
CS036R, CS037R	JEEP YJ - OMEJ1R, OMEJ2R	SL36R/1	SL36R/2
CS038R, CS039R	SUZUKI SIERRA - OMES2, OMES21	SL38R/1	SL38R/2
CS040R, CS041R	MITSUBISHI CHALLENGER - OME19, OME191	SL40R/1	SL40R/2
CS042R	FORD EXPLORER - OME36	SL42R/1	SL42R/2
CS043R, CS044R, CS045R	HILUX 2005ON	SL43R/1	SL43R/2

SPECIFICATIONS

REPLACEMENT CENTRE BOLTS

Centre Bolt Part No.	Dimension Details						Spring Part No.
	Head Diameter A	Head Depth B	Shank Length C	Shank Diameter D	Thread Length E	Thread	
UCB 1	17	10	90	9.5	50	3/8 UNF	CS011R, 12R
UCB 2	15	15	90	9.5	50	3/8 UNF	CS017R
UCB 3	14	11	70	9.5	50	3/8 UNF	CS003F, 04F, 05F
UCB 4	14	8	110	9.5	50	3/8 UNF	CS03R, 04R, 05R, 06R, 07R
UCB 5	14	8	70	9.5	50	3/8 UNF	CS006,07F,10F,11F,22R,23R,40R,41R,42R,53R,54R
UCB 6	14	8	80	7.9	50	5/16 UNF	CS009R, 10R, 18R, 19R, 20R, 21R
UCB 7	14	5	55	7.9	35	5/16 UNF	CS008F, 09F, 12F, 13F, 38R, 39R
UCB 8	12	9	75	7.9	50	5/16 UNF	CS001F, 02F, 01R, 02R, 33R, 34R, 35R
UCB 9	13	10	55	7.9	40	5/16 UNF	CS014F, 36R, 37R
UCB 10	14	8	120	9.5	40	3/8 UNF	CS008R, 48R
UCB 11	17	10	115	9.5	40	3/8 UNF	CS016R
UCB 12	11	8	70	7.9	40	5/16 UNF	CS028R
UCB 13	14	6	70	9.5	40	3/8 UNF	CS030R, 31R, 32R
UCB 14	14	6	80	9.5	40	3/8 UNF	CS043R, 43R-15, 44R, 45R, 46R
UCB 15	11.5	9	72	7.9	30	5/16 UNF	CS024R, 25R
UCB 16	11	8	80	7.9	40	5/16 UNF	CS029R
UCB 17	14	8	90	9.5	50	3/8 UNF	CS013R,14R,15R,26R,27R,47R
UCB 18	16	8	50	10	30	M10	CS015F
UCB 19	14	8	95	10	45	M10	CS018R, 49R, 50R, 51R, 56R
UCB 20	16	8	62	10	45	M10	CS018F



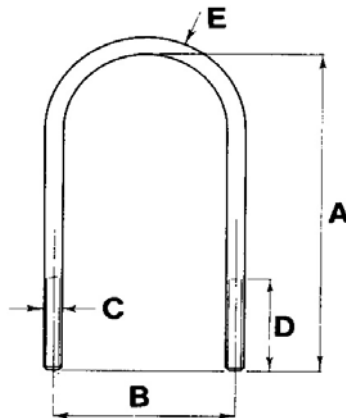
SPECIFICATIONS

U BOLTS

OE spring stack height must be compared to OME spring before final

U Bolt selection as OE spring stack heights may vary from model to model.

PART NO.	A LEG LENGTH mm	B LEG CENTRE mm	C THREAD DIA mm	D THREAD LENGTH mm	THREAD PITCH	E TOP TYPE	REC. TORQUE Lbs.ft.	REC. TORQUE Nm
OMEU51	210	85	14	70	1.5	SQUARE	93	126
OMEU52	200	76	14	75	1.5	FLAT	93	126
OMEU53	168	75	14	70	1.5	SQUARE	93	126
OMEU53A	185	75	14	65	1.5	SQUARE	93	126
OMEU53B	200	75	14	70	1.5	SQUARE	93	126
OMEU54	175	85	12	70	1.25	ROUND	58	79
OMEU55	218	97	14	70	1.5	SQUARE	93	126
OMEU56	100	75	12	50	1.25	SQUARE	58	79
OMEU57	190	88	12	70	1.25	ROUND	58	79
OMEU58	210	110	14	75	1.5	ROUND	93	126
OMEU58B	242	110	14	75	1.5	ROUND	93	126
OMEU59A	197	97	14	75	1.5	ROUND	93	126
OMEU59B	225	97	14	75	1.5	ROUND	93	126
OMEU59C	240	97	14	75	1.5	ROUND	93	126
OMEU59D	197	97	14	90	1.5	ROUND	93	126
OMEU60	150	81	11	70	1.27	ROUND	45	61
OMEU61	147	87	10	60	1.25	ROUND	34	45
OMEU61B	160	87	10	70	1.25	ROUND	34	45
OMEU62	145	73	10	70	1.25	ROUND	34	45
OMEU63	190	74	12	50	1.25	SQUARE	58	79
OMEU64	260	125	14	90	1.5	ROUND	93	126
OMEU65	215	97	14	75	1.5	ROUND	93	126
OMEU66	190	103	14	60	1.5	ROUND	93	126
OMEU67	350	107	16	75	2.0	ROUND	145	197
OMEU68	275	107	16	75	2.0	ROUND	145	197
OMEU69	235	95	14	65	2.0	ROUND	93	126
OMEU69A	260	95	14	65	2.0	ROUND	93	126
OMEU70	205	95	14	55	2.0	SQUARE	93	126
OMEU70A	230	95	14	55	2.0	SQUARE	93	126
OMEU71	150	82	12	60	1.5	SQUARE	58	79



SPECIFICATIONS

SUSPENSION FITTING KITS

Part No.	Contains	Vehicle	Position	Refer to:
FK01	16 Flat Washers	60 Series	Front	Manual Sec. 4 GFI - Front suspension installation
FK03	2 Saddle Correction Plates	HiLux Petrol	Front	Manual Sec. 4 GFI - Front suspension installation
FK0411	4 x Retainer Spacers 11mm	60 Series	Rear	Manual Sec. 4 GFI
FK0418	4 x Retainer Spacers 18mm	60 Series	Rear	Manual Sec. 4 GFI
FK0422	4 x Retainer Spacers 22mm	60 Series	Rear	Manual Sec. 4 GFI - Rear suspension installation
FK0429	4 x Retainer Spacers 29mm	60 Series	Rear	Manual Sec. 4 GFI - Rear suspension installation
FK047	4 x Retainer Spacers 7mm	60 Series	Rear	Manual Sec. 4 GFI - Rear suspension installation
FK06	2 x Stabiliser Bar Packers 3mm	Suzuki	Front	Manual Sec. 4 GFI - Front suspension installation
FK08	2 x Anti-Inversion Plates	60,75 Series All 40 & 70 Series GQ, Maverick ute & c/c	Front & Rear	Manual Sec. 8 Technical - Shackle Modification
FK09	2 x Anti-Inversion Plates	All HiLux	Rear	Manual Sec. 8 Technical - Shackle Modification
FK10	2 x Short Gussett Plates 2 x Long Gussett Plates	HiLux All models	Front	Manual Sec. 8 Technical - HiLux Front Springs
FK13	2 x Anti-Inversion Side Plates	All HiLux	Rear	Manual Sec. 4 GFI
FK14	2 x Anti-Inversion Plates	Isuzu 1 Tonne P/Up	Rear	Fitting instructions supplied with kit
FK15	2 x Anti-Inversion Side Plates	1997on HiLux	Rear	Fitting instructions supplied with kit
FK16	2 x 20mm Bump Stop Spacers	Wrangler TJ	Rear	Fitting instructions supplied with kit
FK18	2 x Brackets 3 x Bolts 3 x Washers 3 x Nuts	GU Patrol	Rear Sway Bar	Fitting instructions supplied with kit
FK19	4 x Spacer Plates 4 x 35mm Bolts 4 x Spring Washers	LandCruiser 78 & 79 Models	Front Sway Bar	Fitting instructions supplied with kit
FK20	6 x Spacer Plates 8 x Bolts M8 X 1.25 X 35mm 8 x Flat Washers	Land Rover Discovery 199 on Models	Front Cross Member	Fitting instructions supplied with kit
FK21	1 x Bracket 2 x Bolts M8 2 x Flat Washers 2 x Hex Nuts	Toyota Tacoma	Rear Exhaust Bracket	
FK22	2 x Shock Tower Support 2 x Captive Nuts 4 x M10 x 1.5 x 30mm Bolt 4 x Washers Flat 4 x Washers Spring	Mazda/Ford 1 tonne Pickup	Front	Fitting instructions
FK23	1 x Strut Adaptor	Toyota / RAV 4 1998 to 2000	Front	Fitting instructions
FK24	2 x Brackets 6 x Bolts 11 X Washers Flat 6 x Nuts Nyloc	Nissan Y61 with Stabiliser Bar Release	Rear Sway Bar	Fitting instructions
FK25	2 x Spacer Blocks 4 x Bolts 4 x Washers Flat 4 x Washers Spring	Nissan Y61 Oil Pan Kit	Front	Fitting instructions
FK26	2 x Side Plates	Isuzu / Rodeo 2003 on	Rear	Fitting instructions supplied with kit
FK27	2 x Support Brackets	Land Cruiser 100 Series IFS	Torsion Bar Locating Bracket	Fitting instructions supplied with kit

SPECIFICATIONS

SUSPENSION FITTING KITS

Part No.	Contains	Vehicle	Position	Refer to:
FK28	2 x Spacers 2 x Studs	Suzuki XL7	Front	Fitting instructions supplied with kit
FK29	2 x Spacers 2 x Bolts M10 X 1.25 X 35MM 2 x Washers Flat M10 X 25mm 2 x Washers Spring M10 X 1/8	Toyota Tacoma 2005 on	Rear Drive Shaft	Fitting Instructions
FK30	2 x Anti-Inversion Bkts	Mitsubishi	Rear	Fitting Instructions
FK31	1 x Bracket 6 x Bolts 4 x Nuts x M10 2 x Nuts x M10 Caged 3.3 6 x Washer Spring 10 x Washer Flat	Ford F250 & F350 1999 to 2004 Dual Cab Models	Rear	Fitting instructions
FK32	1 X 3199908 Bracket 1 x 3199909 Kit 2 x Bolt M8 x 1.25 x 20 2 x Hex Nyloc Nut 4 x Washers Flat	Tundra 2007on	Front	Fitting instructions
FK34	2 x Brackets	Landcruiser 78 Series	Rear Sway Bar Mounts	Fitting Instructions
FK35	1 x Spacer 2 x Bolts 2 x Nuts 2 x Washers	Ford F250 & F350 1999 to 2004 Xtra Cab	Rear	Fitting Instructions
FK36	4 x Brackets 8 x Bolts M8 x 1.25 x 20 8 x Nuts M8 x 1.25 16 x Washers	Ford F350 2005 on	Front	Fitting instructions supplied with kit
FK37	1 x Bracket 2 x Bump Stop Spacers 1 x Extension Plate 4 x Packers 2 x Bolt M14 x 1.5 2 x Nut M14 x 1.5 8 x Washers 2 x Bolt M12 x 1.25 2 x Nuts M12 x 1.25 4 x Bolt M8 x 1.25 x 20 4 x Nuts Flanged M8 x 1.25	Jeep JK - LHD	Rear	Fitting instructions supplied with kit
FK38	2 x Anti-Inversion Plates	Land Cruiser 76 Series	Rear	Fitting instructions supplied with kit
FK39	1 x Bracket 2 x Bump Stop Spacers 1 x Extension Plate 4 x Packers 2 x Bolt M14 x 1.5 2 x Nut M14 x 1.5 8 x Washers 2 x Bolt M12 x 1.25 2 x Nuts M12 x 1.25 4 x Bolt M8 x 1.25 x 20 4 x Nuts Flanged M8 x 1.25	Jeep JK - RHD	Rear	Fitting instructions supplied with kit

SPECIFICATIONS

SUSPENSION FITTING KITS

Part No.	Contains	Vehicle	Position	Refer to:
FKWTJ01	1 x 45mm Panhard Rod Extended	Wrangler	Rear	Fitting instructions supplied with kit
FKWTJ02	Mounting Bracket 2 x Spacer Washers 3 x Bolts M12 X 1.25 X 30MM 6 x Flat Washers 3 x Spring Washers 3 x Nuts M12 x 1.25	TJ		
GQGK01	4 x Spacer Plates 8 x Hex. Bolts 8 x Flat Washers 8 x Spring Washers	GQ Patrol Maverick	Gearbox Cross Member	Manual Sec. 4 GFI Patrol gearbox spacer kit
GQGK02	4 x Spacer Plates 9 x Spacer 12mm 8 x Bolts M12 X 1.25 X 70MM 17 x Washers Spring 17 x Washers Flat 6 x Bolts M8 X 1.25 X 40MM 3 x Bolts M8 X 1.25 X 35MM	Nissan Y61 Patrol SWB	Gearbox	Fitting instructions
JWGK01	6 x Spacer Plates 6 x Bolt Spacers 6 x 2" Bolts	Jeep Wrangler to 2002	Gearbox	Fitting instructions supplied with kit
JWGK02	6 x Spacer Plates 6 x Bolts 17 x Washers Flat 17 x Washers Spring	Jeep TJ 2003 Manual Models	Gearbox	Fitting instructions
JWGK03	8 x Spacer Plates 8 x Bolts 8 x Washers Flat 8 x Washers Spring	Jeep TJ 2003 Auto Models	Gearbox	Fitting instructions

SPECIFICATIONS

LEAF SPRING TRIM PACKERS

(Mild Steel 5mm Thick)

PART No.	WIDTH	LENGTH	HOLE DIA.	APPLICATIONS
TP01	70mm	140mm	10.3mm	TOYOTA 60, 75, NISSAN GQ / FORD MAVERICK CAB CHASSIS & NISSAN GQ UTE
TP02	70mm	140mm	8.7mm	TOYOTA 40, 42, 45, 47
TP03	60mm	140mm	10.3mm	NISSAN MQ, MITSUBISHI PAJERO, TRITON, L200
TP04	60mm	140mm	8.7mm	TOYOTA HILUX
TP05	50mm	120mm	8.7mm	SUZUKI SIERRA, HOLDEN DROVER

To be used to correct left to right trim problems. Maximum 2 plates (10mm). Order centre bolt separately.

Refer Manual for Instructions.

CLIP LINER KITS FOR LEAF SPRINGS

Kit Part No.	Contents: Clip Liner Size & Quantity	To Suit OME	To Suit Dakar
CLK11	20mm X 4	OME110, 11, 111, J1F	CS003F, 4F, 5F
CLK113A	30mm X 4, 90mm X 2	OME113A, 1131A	CS004RA, 5RA
CLK113B	30mm X 4, 80mm X 2	OME113B, 1131B	CS004RB, 5RB
CLK13	40mm X 4	OME13, 131	CS001F, 2F
CLK14	30mm X 4, 60mm X 2	OME14, 141	CS001R, 2R
CLK17	35mm X 4, 70mm X 2	OME17, 171	CS009R, 10R, 28R, 29R, 53R, 54R
CLK18	30mm X 4, 90mm X 2	OME18, 181, 1811	CS018R, 19R, 20R
CLK201	40mm X 4, 80mm X 2	OME201	CS003R
CLK22	35mm X 4, 40mm X 2	OME22, 222	CS022R, 23R
CLK221	20mm X 4, 40mm X 2	OME221A/B	CS017RA/B
CLK3	30mm X 4	OME3A/B, 31A/B, JC1A/B	CS010FA/B, 11FA/B, 34RA/B
CLK39	50mm X 4, 80mm X 2	OME39, 391, 3911, 39111	CS006R, 7R, 8R
CLK4	40mm X 4	OME4, 41	CS011R, 12R, 49R, 56R
CLK57	30mm X 4, 35mm X 2	OME67, 671	CS006F, 7F
CLK6	45mm X 4, 95mm X 2	OME6A/B, 61A/B, 611A/B	CS016RA/B, 42R, 46RA/B, 47R
CLK9	35mm X 2, 30mm X 2	OME91A/B, 99A/B	CS008FA/B, 9FA/B
CLKJ1	25mm X 4	OMEJ1R	CS036R
CLKJ2	30mm X 4, 80mm X 2	OMEJC2A/B	CS035RA/B
CLKNN	80mm X 2	OMENN1, NN11, NN2	CS030R, 31R, 32R
CLKROD	30mm X 4, 70mm X 2	OMEROD1, ROD11, ROD4, ROD5	CS024R, 25R
CLK13D	35mm X 4		CS013FA/B, 14F
CLK15D	55mm X 4, 150mm X 2		CS013R, 14R, 15R
CLK26D	45mm X 2, 95mm X 2	OME26, 261	CS026R, 27R
CLK33D	40mm X 4, 85mm X 2		CS033RA/B, 50R, 51R
CLK38D	20mm X 4, 65mm X 2		CS038R, 39R
CLK40D	60mm X 2		CS040R, 41R
CLK43D	35mm X 2, 45mm X 4, 85mm X 2		CS043R, 44R, 45R
CLK48D	47mm x 2		CS048R
CLK55D	40mm x 2, 50mm x 2		CS055R
CLK57D	35mm x 2, 120mm x 2		CS057R
CLK58D	45mm x 2, 115mm x 2		CS058R

INTER-LEAF LINER KIT FOR LEAF SPRINGS

IL01YE	6 LINERS PER KIT
SLK60	4 LEAF SLEEVES TO SUIT 60MM WIDTH
SLK70	4 LEAF SLEEVES TO SUIT 70MM WIDTH

LEAF SPRING CENTRE BOLT SLEEVES

Part No.	Length mm	OD mm	ID mm	Application
CBS01	15	25	15	LandCruiser 60 series rear
CBS02	10	19	16.8	GQ Patrol cab chassis front

DIAGRAM REFERENCE FOR SUSPENSION BUSH KITS

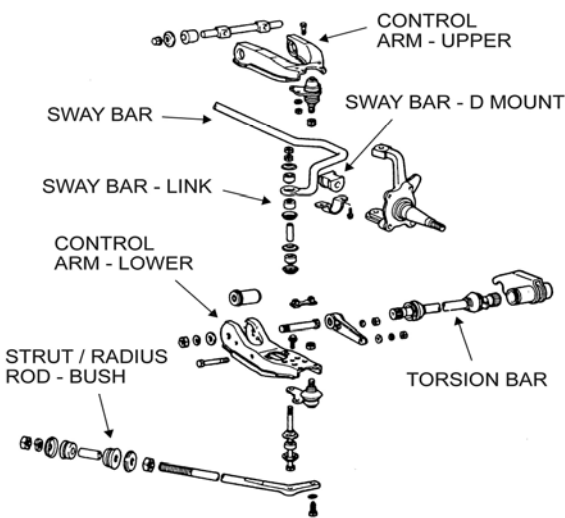


Diagram 1.

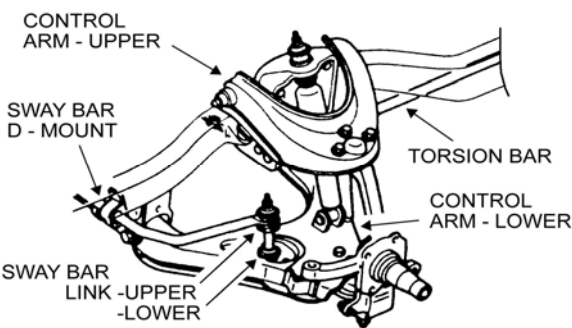


Diagram 2.

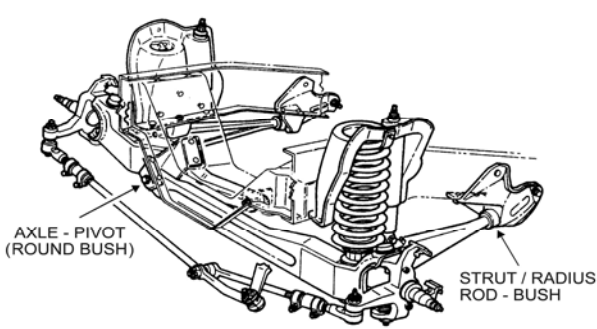


Diagram 3.

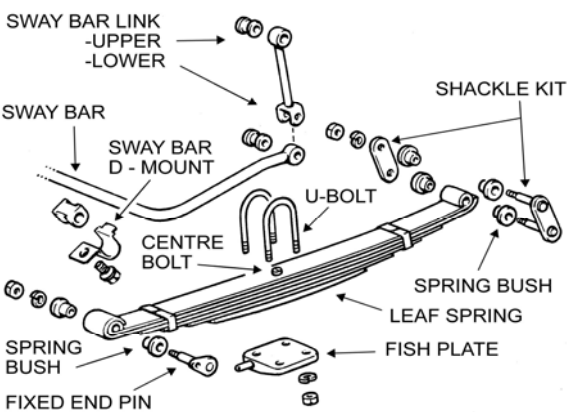


Diagram 4.

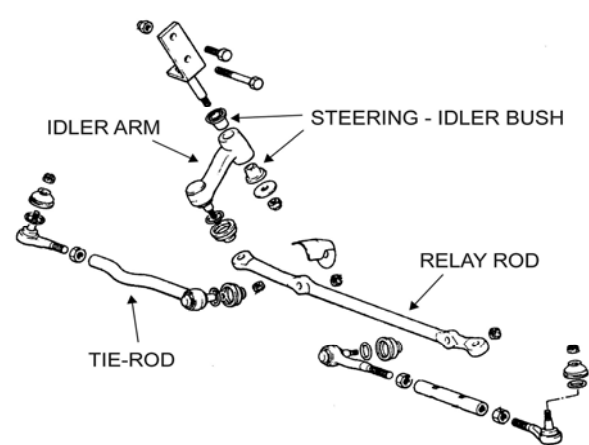


Diagram 5.

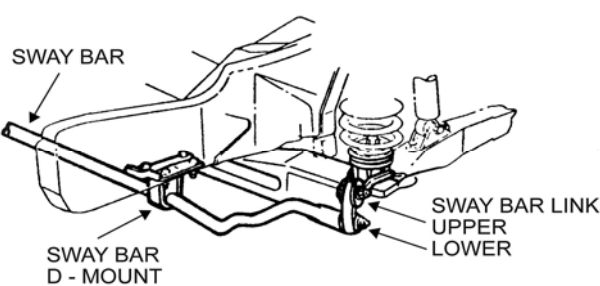


Diagram 6.

DIAGRAM REFERENCE FOR SUSPENSION BUSH KITS

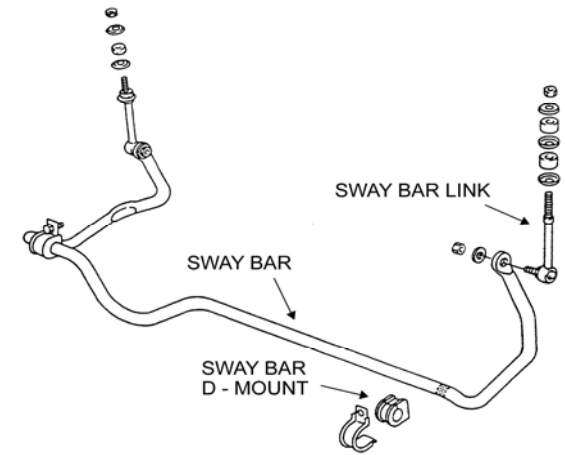


Diagram 7.

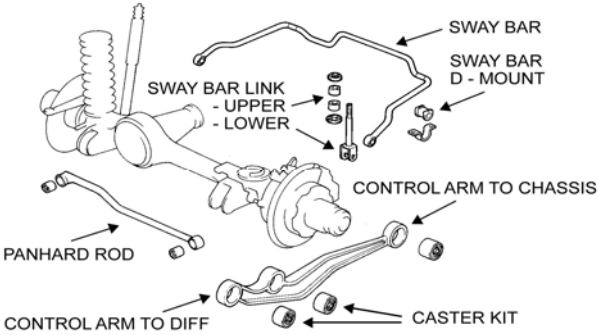


Diagram 8.

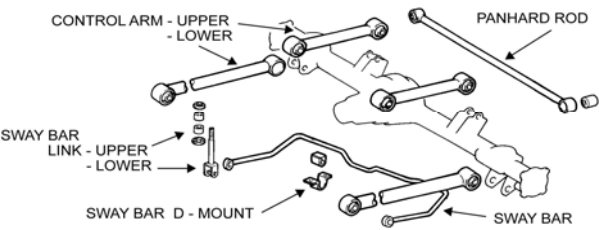


Diagram 9.

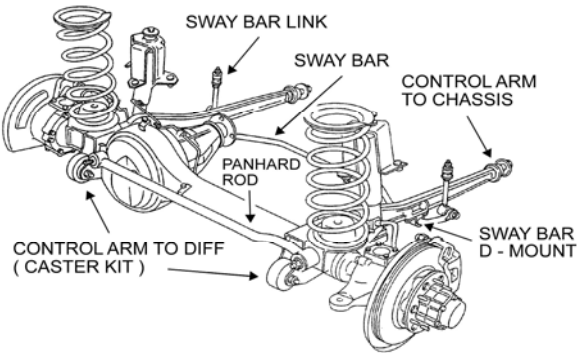


Diagram 10.

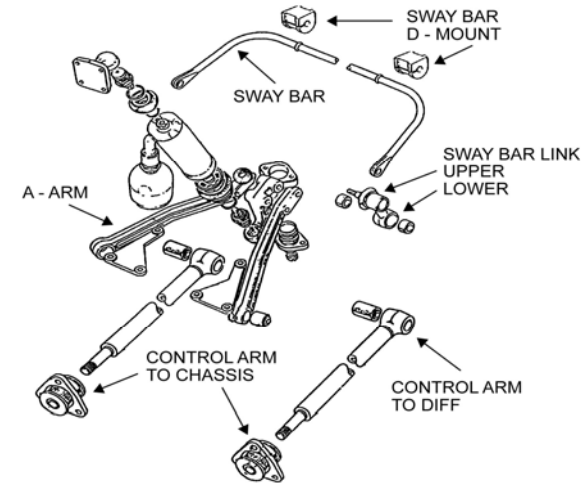


Diagram 11.

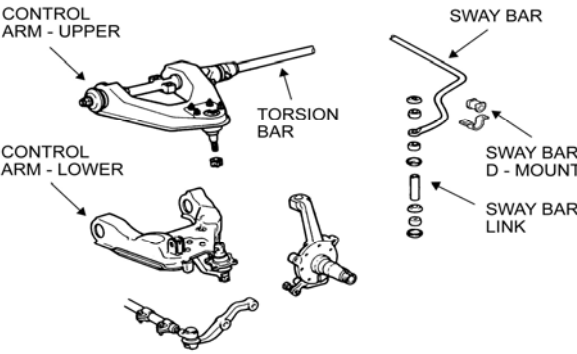


Diagram 12.

SUSPENSION BUSH KIT SELECTION

VEHICLE	YEAR	LOC'N	DESCRIPTION	OME P/NO.	QTY REQ.	NOTE
DAIHATSU						
F Series All Models	5/93 on	F	Sway bar - link lower	OMESB2360	1	Refer Diagram 7
		R	Sway bar - link upper	OMESB2360	1	" "
Feroza All Models	10/88 on	F	Sway bar - link inner/outer	OMESB2360	2	" "
Rocky All Models	4/84 to 93	F	Sway bar - link eye	OMESB0052	1	" "
FORD						
Courier All Models	1/87 on	F	Sway bar - link	OMESB2361	1	Refer Diagram 2
		R	Spring bush	OMESB82	2	Refer Diagram 4
Maverick SWB & Wagon Models	8/87 to 9/93	F	Caster Kit	OMECA77B	1	Refer Diagram 8
			Coil Packer - 5mm	OMEGQPF05		" "
			Coil Packer - 10mm	OMEGQPF10		" "
			Control arm - to diff front/centre (std)	OMESB0055	1	" "
			Control arm - to chassis	OMESB0056	1	" "
			Panhard rod	OMESB0054	1	" "
			Sway bar - D mount (15mm)	OMESB2365	1	" "
			Sway bar - link	OMESB2379	1	" "
		R	Coil Packer - 5mm	OMEGQPR05	1	Refer Diagram 9
			Coil Packer - 10mm	OMEGQPR10		" "
			Control arm - upper	OMESB0062	1	" "
			Control arm - lower	OMESB0061	1	" "
			Panhard rod	OMESB0054	1	" "
			Sway bar - D mount (16mm)	OMESB2366	1	" "
			Sway bar - link	OMESB2379	1	" "
Maverick Single Cab Models Leaf Springs			Spring & shackle bush kit	OMESB64	2	Suits OME springs only Refer Diagram 4
GMH / ISUZU						
Drover	2/85 on	F	Spring bush	OMESB19	2	Refer Diagram 4
		R	Spring bush	OMESB19	2	Suits OE & OME springs Refer Diagram 4
Jackaroo / Trooper Models	8/85 - 91					
UBS 16 & 17		R	Spring & shackle bush kit	OMESB90	2	Suits OE & OME springs Refer Diagram 4
Rodeo - Isuzu Pick Up Models						
All Models	81 to 87	R	Spring bush	OMESB80	2	Suits OE & OME springs Refer Diagram 4
V6 Models Only	88 on	R	Spring bush	OMESB80	2	Suits OE & OME springs Refer Diagram 4
LADA NIVA						
	ALL	F	Coil Packer - 10mm	OMELNF10		

SUSPENSION BUSH KIT SELECTION

VEHICLE	YEAR	LOC'N	DESCRIPTION	OME P/NO.	QTY REQ.	NOTE
LAND ROVER						
Defender 90, 110 & 130 Models	92 on	F	Caster kit	CALR2	1	Suits 44mm wide control arms Refer Diagram 8
			Control arm - to diff	OMESB0072	1	" "
			Control arm - to chassis	OMESB0066	1	" "
			Panhard rod	OMESB0065	1	" "
			Sway bar - link	OMESB3022	1	" "
		R	A arm - upper	OMESB0071	1	Refer Diagram 11
			Control arm - to diff	OMESB0070	1	" "
			Control arm - to chassis (20mm-ID)	OMESB0069	1	" "
			Sway bar - link	OMESB3022	1	" "
County 110 Model	84 to 92	F	Caster kit	CALR1	1	Suits 38mm wide control arms Refer Diagram 8
			Control arm - to diff	OMESB0067	1	" "
			Control arm - to chassis	OMESB0066	1	" "
			Panhard rod	OMESB0065	1	" "
		R	A arm - upper	OMESB0071	1	Refer Diagram 11
			Control arm - to diff	OMESB0070	1	" "
			Control arm - to chassis (16mm-ID)	OMESB0068	1	" "
			Control arm - to chassis (20mm-ID)	OMESB0069	1	" "
Discovery All Models	89 to 99	F	Caster kit	CALR2	1	Suits 44mm wide control arms Refer Diagram 8
			Control arm - to diff	OMESB0072	1	" "
			Control arm - to chassis	OMESB0066	1	" "
			Panhard rod	OMESB0065	1	" "
			Sway bar - link	OMESB3022	1	" "
		R	A arm - upper	OMESB0071	1	Refer Diagram 11
			Control arm - to diff	OMESB0070	1	" "
			Control arm - to chassis (20mm-ID)	OMESB0069	1	" "
			Sway bar - link	OMESB3022	1	" "
Range Rover	72 to 86	F	Caster kit	CALR1	1	Suits 38mm wide control arms Refer Diagram 8
			Control arm - to diff	OMESB0067	1	" "
		R	A arm - upper	OMESB0071	1	Refer Diagram 11
			Control arm - to diff	OMESB0070	1	" "
			Control arm - to chassis (16mm-ID)	OMESB0068	1	" "
			Control arm - to chassis (20mm-ID)	OMESB0069	1	" "
Range Rover	86 to 95	F	Caster kit	CALR2	1	Suits 44mm wide control arms Refer Diagram 8
			Control arm - to diff	OMESB0072	1	" "
			Control arm - to chassis	OMESB0066	1	" "
			Panhard rod	OMESB0065	1	" "
			Sway bar - link	OMESB3022	1	" "
		R	A arm - upper	OMESB0071	1	Refer Diagram 11
			Control arm - to diff	OMESB0070	1	" "
			Control arm - to chassis (16mm-ID)	OMESB0068	1	" "
			Control arm - to chassis (20mm-ID)	OMESB0069	1	" "
			Sway bar - link	OMESB3022	1	" "

SUSPENSION BUSH KIT SELECTION

VEHICLE	YEAR	LOC'N	DESCRIPTION	OME P/NO.	QTY REQ.	NOTE
MAZDA						
B2500 & B2600	3/87 to 98	F	Sway bar - link	OMESB2361	1	Refer Diagram 7
B2500 & B2600		R	Spring bush	OMESB82	2	Refer Diagram 4
MITSUBISHI						
Challenger PA Wagon (Rear Leaf Springs)	98 to 5/00	R	Spring bush	OMESB83	2	Refer Diagram 4
Pajero						
NG	9/89 to 5/91	F	Sway bar - link inner	OMESB2361	1	Suits V6 & intercooled diesel models Refer Diagram 2
NA, NB, NC, ND, NE, NF & NG	83 to 5/91	F	Sway bar - link inner/outer	OMESB2360	2	Suits 4 cyl petrol & diesel models not intercooled Refer Diagram 2
NH & NJ	5/91 to 10/96	F				
NG, NH & NJ						
All Leaf Spring Models	5/91 on	R	Spring bush	OMESB8	2	Refer Diagram 4
Triton						
ME & MH Models	3/86 to 96	F	Control arm - upper	OMESB5071	1	Refer Diagram 2
Club Cab Model Only		F	Sway bar - link inner/outer	OMESB2360	2	Refer Diagram 2
		R	Spring bush	OMESB38	2	Refer Diagram 4
MK Models	10/96 on	R	Spring & shackle bush kit	OMESB38	2	Refer Diagram 4
NISSAN						
720 Models	8/79 to 85	F	Control arm - upper	OMESB5071	1	Refer Diagram 1
Navara D21 All	9/85 to 97	F	Control arm - upper	OMESB5071	1	" "
			Sway bar - link	OMESB2379	1	" "
		R	Spring & shackle bush kit	OMESB81	2	Refer Diagram 4
Navara D22 All	2/97 on		Sway bar - link upper	OMESB2379	1	Refer Diagram 1
		R	Spring & shackle bush kit	OMESB81	2	Suits models to 8/02 Refer Diagram 4
		R	Spring & shackle bush kit	OMESB91	2	Suits models 10/02 on Refer Diagram 4
Pathfinder All	8/86 to 94	F	Control arm - upper	OMESB5071	1	Refer Diagram 1
			Sway bar - link	OMESB2379	1	" "
Patrol						
MQ (Round Head Lights)	80 to 8/84	F	Spring (front eye) bush kit	OMESB28	2	Use with OMESB29/OE springs use OMESB3 Refer Diagram 4
MQ (Square Head Lights)	8/84 to 87	F	Spring (front eye) bush kit	OMESB31	2	Use with OMESB29 suits OME springs Refer Diagram 4
MQ All Models	80 to 87	F	Spring (rear eye) bush kit	OMESB29	2	Refer Diagram 4
		R	Spring & shackle bush kit	OMESB2	2	Suits OE and OME springs Refer Diagram 4
			Spring bush	OMESB29	2	Suits OME springs Refer Diagram 4

SUSPENSION BUSH KIT SELECTION

MODEL	YEAR	LOC'N	DESCRIPTION	OME P/NO.	KITS REQ	BUSHES IN KITS	DIAGRAM #	NOTES
NISSAN								
PATROL - Y60, GQ	11/87 - 97	F	Body mount - bumper area	OMESB9090	1	4		Suits Wagon & Hardtops, no kit available for cab Chassis model
		F	Body mount - cab front	OMESB9091	1	4		Suits All Wagon to 11/94 & All Hardtop models
		F	Body mount - cab centre	OMESB9092	1	4		Suits All Wagon & hardtop models
		F	Body mount - cab front & centre	OMESB9092	2	4		Suits Pick Up & Cab Chassis models
		F	Caster kit - Control arm	OMECA77B	1	4	8	
		F	Control arm - to axle	OMESB0055	1	8	8	
		F	Control arm - to chassis	OMESB0056	1	4	8	
		F	Spring - eye front/rear & shackle	OMESB1	2	6	4	Suits Leaf Spring models
		F	Sway bar - D mount 16mm	OMESB2366	1	2	4	Suits Leaf Spring models
		F	Sway bar - D mount 15mm	OMESB0058	1	2	8	Suits All Wagon & Hardtop models
		F	Panhard rod - bush	OMESB0054	1	4	8	
		F	Sway bar - link	OMESB2379	1	8	8	Suits Coil spring models
		F	Coil Packer - 5mm	OMEGQPF05				
			Coil Packer - 10mm	OMEGQPF10				
		R	Body mount - cab rear to axle	OMESB9092	2	4		Suits All Wagon models
		R	Body mount - cab rear to axle	OMESB9092	1	4		Suits All Hardtop models
		R	Panhard rod - bush	OMESB0054	1	4	8	Not suitable before 9/89
		R	Spring - eye front/rear & shackle	OMESB64	2	6	4	Leaf Spring models
		R	Sway bar - link	OMESB2379	1	8	8	Suits Cab Chassis models with coil susp.
		R	Sway bar - D mount 16mm	OMESB0060	1	2	8	Suits Cab Chassis models with coil susp.
		R	Control arm - lower	OMESB0061	1	8	8	
		R	Control arm - upper	OMESB0062	1	8	8	
		R	Coil Packer - 5mm	OMEGQPF05				
			Coil Packer - 10mm	OMEGQPR10				
PATROL - Y61, GU	10/97- on	F	Body mount - bumper area	OMESB9090	1	4		Suits Wagon & Hardtop, no kit available for Cab chassis model
		F	Body mount - cab front	OMESB9091	1	4		Suits All Wagon & Hardtop models
			Body mount - cab centre	OMESB9092	1	4		Suits All Wagon & Hardtop models
		F	Body mount - cab front & centre	OMESB9092	2	4		Suits All Cab Chassis models
		F	Caster kit - Control arm - to axle	OMECA77B	1	4	8	
		F	Control arm - to axle	OMESB0055	1	8	8	
		F	Control arm - to chassis	OMESB0056	1	4	8	
		F	Panhard rod - bush	OMESB0054	1	4	8	
		F	Sway bar - link	OMESB2379	1	8	8	Suits Coil spring models to 2001
		F	Sway bar - mount 15mm	OMESB2365	1	2	8	
		R	Body mount - cab centre to axle	OMESB9092	2	4		Suits All Wagon models
			Body mount - cab centre to axle	OMESB9092	1	4		Suits All Hardtop models
		R	Panhard rod - bush	OMESB0054	1	4	8	
		R	Sway bar - link	OMESB2379	1	8	8	Suits Cab Chassis models with coil susp.
		R	Sway bar - mount 16mm	OMESB2366	1	2	8	Suits Pick Up with coil susp.
		R	Trailing arm - lower	OMESB0061	1	8	8	
		R	Trailing arm - upper	OMESB0062	1	8	8	
		R	Coil Packer - 5mm	OMEGQPR05				
			Coil Packer - 10mm	OMEGQPR10				

SUSPENSION BUSH KIT SELECTION

MODEL	YEAR	LOC'N	DESCRIPTION	OME P/NO.	KITS REQ	BUSHES IN KITS	DIAGRAM #	NOTES
SUZUKI								
Jimny SN413		R	Coil Packer - 10mm	OMESJR10				
LJ50	74 - 6/78	F	Spring Bush	OMESB25	2		4	Suits OE & OME Springs
	74 - 6/78	R	Spring Bush	OMESB25	2		4	Suits OE & OME Springs
LJ80	7/78 - 12/81	F	Spring Bush	OMESB19	2		4	Suits OE & OME Springs
		R	Spring Bush	OMESB19	2		4	Suits OE & OME Springs
Sierra SJ410 & SJ413	7/81 - 95	F	Spring Bush	OMESB19	2		4	Suits OE & OME Springs
		R	Spring Bush	OMESB19	2		4	Suits OE & OME Springs
TOYOTA								
4 Runner Leaf Spring Front & Rear								
4 Runner (Surf) LN60, YN60	7/84 - 10/85	F	Spring - bush kit	OMESB5	2	6	4	Suits OE & OME Springs
		R	Spring - bush kit	OMESB6	2	6	4	Suits OE & OME Springs
4 Runner IFS Front Leaf Spring Rear								
4 Runner (Surf) LN61, YN63	11/85 - 9/89	R	Spring - bush kit	OMESB6	2	6	4	Suits OE & OME Springs
HiLux IFS Front & Coil Spring Rear								
4 Runner (Surf) LN130, RN130, VZN130, YN130	10/89 - 6/96	F	Sway bar - link	OMESB2360	1	4	12	
		F	Sway bar - mount 25mm	OMESB0049	1	2	12	
		R	Sway bar - link	OMESB2915	1	8	7	Suits LN130, RN130 models
		R	Sway bar - link	OMESB3010	1	4	7	Suits VZN130, YN130 models
HiLux 4WD Leaf Spring Front & Rear								
HiLux (Surf) LN36, 46 RN36, 46	4/79 - 10/83	F	Spring - bush kit	OMESB5	2	6	4	Suits OE & OME springs
		F	Sway bar - link	OMESB2915	1	8	4	
		R	Spring - bush kit	OMESB6	2	6	4	Suits OE & OME springs
HiLux (Surf) LN65, YN 65, 67	11/83 - 9/88	F	Spring - bush kit	OMESB5	2	6	4	Suits OE & OME Springs
		R	Spring - bush kit	OMESB6	2	6	4	Suits OE & OME Springs
HiLux (Surf) RN105, LN106	10/88 - 11/97	F	Spring - bush kit	OMESB5	2	6	4	Suits OE & OME Springs
		F	Sway bar - mount 25mm	OMESB0049	1	2	4	
		R	Spring - spring bush	OMESB6	2	6	4	Suits OE & OME Springs
HiLux 4WD IFS Front & Leaf Spring Rear								
HiLux (Surf) LN107, 111, RN106, 110, 111	10/88 - 12/97	F	Sway bar - mount 25mm	OMESB0049	1	2	1	
		R	Spring - bush kit	OMESB43	2	6	4	Suits OME Springs only
LN167, 172, RZN169, 174	11/97 on	F	Sway bar - link	OMESB2915	1	8	1	
		F	Sway bar - mount 25mm	OMESB0049	1	2	1	
		R	Spring - bush kit	OMESB43	2	6	4	Suits OME Springs only
KZN165	12/99 on	F	Sway bar - link	OMESB3010	1	4	1	
		F	Sway bar - mount 25mm	OMESB0049	1	2	1	
		R	Spring - bush kit	OMESB43	2	6	4	Suits OME Springs only

SUSPENSION BUSH KIT SELECTION

MODEL	YEAR	LOC'N	DESCRIPTION	OME P/NO.	KITS REQ	BUSHES IN KITS	DIAGRAM #	NOTES
TOYOTA (continued)								
LandCruiser 40 Series								
BJ40, 42, FJ40, 45, JH45, 47	1969 - 12/84	F	Spring - bush kit-to suit 15mm ID	OMESB30	2	6	4	Suits 35mm spring eye
		F	Spring - bush kit-to suit 15mm ID	OMESB4	2	6	4	Suits 25mm spring eye
		F	Spring - bush kit-to suit 18mm ID	OMESB1	2	6	4	Suits 35mm spring eye
		R	Spring - bush kit-to suit 15mm ID	OMESB4	2	6	4	Suits 25mm spring eye
		R	Spring - bush kit-to suit 15mm ID	OMESB30	2	6	4	Suits 35mm spring eye
		R	Spring - bush kit-to suit 18mm ID	OMESB79	2	6	4	Suits 35mm spring eye & 30mm hanger bracket
		R	Spring - bush kit-to suit 18mm ID	OMESB1	2	6	4	Suits 35mm spring eye
		R	Sway bar - link	OMESB2102	2	2	4	Suits model 1/79 - on
LandCruiser 50 Series								
FJ55	11/72 - 11/80	F	Spring - bush kit	OMESB7	2	6	4	
		R	Spring - bush kit	OMESB7	2	6	4	
		R	Sway bar - link	OMESB2102	2	2	4	Suits models 1/79 - on
LandCruiser 60 Series								
FJ60, 62, HJ60, 62	11/80 - 8/87	F	Spring - bush kit	OMESB1	2	6	4	
		F	Sway bar - link	OMESB2915	1	8	4	
		R	Spring - bush kit	OMESB1	2	6	4	Suits OE & OME Springs
		R	Sway bar - link upper & lower	OMESB2102	2	2	4	
		R	Sway bar - mount 23mm	OMESB2327	1	2	4	
FJ62, HJ60, 61	8/87 - 12/91	F	Spring - bush kit	OMESB1	2	6	4	Suits OE & OME Springs
		F	Sway bar - link	OMESB2915	1	8	4	
		F	Sway bar - mount 23mm	OMESB2327	1	2	4	Suits models to 1/90
		R	Spring - bush kit	OMESB1	2	6	4	Suits OE & OME Springs
		R	Sway bar - link upper & lower	OMESB2102	2	2	4	
		R	Sway bar - mount 23mm	OMESB2327	1	2	4	
LandCruiser 70 Series								
Bundera (Prado NZ) LJ70, RJ70	1/85 - 12/91	F	Panhard rod - bush	OMESB8133	1	4	10	Suits models to 8/87
		F	Sway bar - link	OMESB2361	2	8	10	
		F	Sway bar - mount 23mm	OMESB2327	1	2	10	Suits models 8/87 - 1/90
		F	Sway bar - mount 25mm	OMESB0049	1	2	10	
		F	Control arm - lower rear	OMESB8131	1	4	10	
		R	Panhard rod - bush	OMESB8133	1	4	8	Suits models 7/87 - 1/90
		R	Control arm - lower front	OMESB8131	1	4	8	
BJ70, 73, 74	1/85-3/90	F	Spring - bush kit	OMESB1	2	6	4	Suit OE & OME Springs
		F	Sway bar - link	OMESB2361	2	8	4	
		F	Sway bar - mount 23mm	OMESB2327	1	2	4	Suits models to 5/86
		F	Sway bar - mount 23mm	OMESB0063	1	2	4	Suits models 6/86 on
		R	Spring - bush kit	OMESB1	2	6	4	Suits OE & OME Springs
HJ75	1/85-3/90	F	Spring - bush kit	OMESB1	2	6	4	Suits OE & OME Springs
		F	Sway bar - link	OMESB2361	2	8	4	
		F	Sway bar - mount 23mm	OMESB2327	1	2	4	Suits models to 5/86
		F	Sway bar - mount 23mm	OMESB0063	1	2	4	Suits models 6/86 on
		R	Spring - bush kit	OMESB16	2	6	4	

SUSPENSION BUSH KIT SELECTION

MODEL	YEAR	LOC'N	DESCRIPTION	OME P/NO.	KITS REQ	BUSHES IN KITS	DIAGRAM #	NOTES
TOYOTA (continued)								
LandCruiser 70 Series								
FJ70, 73, 75	1/85 - 10/92	F	Spring - bush kit	OMESB1	2	6	4	Suits OE & OME Springs
		F	Sway bar - link	OMESB2361	2	8	4	
		F	Sway bar - mount 23mm	OMESB2327	1	2	4	Suits models to 5/86
		F	Sway bar - mount 23mm	OMESB0063	1	2	4	Suits models 6/86 on
		F	Sway bar - mount 25mm	OMESB0049	1	2	4	Suits FJ75 models to 8/91
		R	Spring - bush kit	OMESB16	2	6	4	Suits FJ70, 73 models
		R	Spring - bush kit	OMESB1	2	6	4	
		R	Sway bar - mount 25mm	OMESB0095	1	2	4	Suits Bracket height =38mm
FZJ70, 75, HZJ70, 73, 75	1/88-11/99	F	Spring - bush kit	OMESB1	2	6	4	Suits OE & OME Springs
		F	Sway bar - link	OMESB2361	2	8	4	
		F	Sway bar - mount 23mm	OMESB0063	1	2	4	Suits HZJ75 models to 4/91
		F	Sway bar - mount 25mm	OMESB0049	1	2	4	Suits HZJ75 models to 4/91
		F	Sway bar - mount 25mm	OMESB0095	1	2	4	Suits 4/91 on Bracket height = 38mm
		R	Spring - bush kit	OMESB16	2	6	4	Suits FJ75 models
		R	Spring - bush kit	OMESB1	2	6	4	Suits HZJ70 & 73 models
		R	Sway bar - mount 25mm	OMESB0095	1	2	4	Suits 4/91 on Bracket height = 38mm
PZJ70, 73	3/90-2/91	F	Spring - bush kit	OMESB1	2	6	4	Suits OE & OME Springs
		F	Sway bar - link	OMESB2361	1	8	4	
		R	Spring - bush kit	OMESB1	2	6	4	Suits OE & OME Springs
FZJ78, 79, HDJ78, 79, HZJ78, 79	8/99 on	F	Caster kit	OMECA77B	1	4	10	Caster align offset 3 degree
		F	Control arm - to chassis	OMESB0050	1	4	10	
		F	Sway bar - link outer	OMESB2413	1	2	10	Contains new bolts, nuts & crush tubes
		F	Sway bar - mount 31mm	OMESB2414	1	2	10	
		F	Panhard rod - bush	OMESB0046	1	4	10	
		R	Sway bar - link inner	OMESB3010	1	4	8	
		R	Sway bar - link outer lower	OMESB0052	1	4	4	
		R	Sway bar - link outer upper	OMESB3010	1	4	4	
			Sway bar - mount 25mm	OMESB0095	1	2	4	Suits Bracket height = 38mm
			Spring - bush kit	OMESB86	2	6	4	Suits FZJ / HDJ / HZJ78 models with OME Springs
			Spring - bush kit	OMESB84	2	6	4	Suits JFZ / HDJ / HZJ79 models with OME Springs
			Spring - bush kit	OMESB85	2	6	4	Suits all models with OME springs & greasable shackles

SUSPENSION BUSH KIT SELECTION

MODEL	YEAR	LOC'N	DESCRIPTION	OME P/NO.	KITS REQ	BUSHES IN KITS	DIAGRAM #	NOTES
TOYOTA (continued)								
LandCruiser 80 Series								
FJ80, FZJ80, HDJ80, HZJ80	1/90 - 2/98	F	Caster kit	OMECA77B	1	4	10	Caster align offset 3 degree
		F	Control arm - to chassis only	OMESB0050	1	4	10	
		F	Panhard rod - bush	OMESB0046	1	4	10	
		F	Control arm - complete kit	OMESB0045	2	6	10	
		F	Sway bar - link upper	OMESB0051	1	4	10	
		F	Sway bar - link lower	OMESB0044	1	4	10	
		F	Sway bar - mount 24mm	OMESB0063	1	2	10	Suits Bracket height = 35mm
		F	Sway bar - mount 26mm	OMESB0094	1	2	10	Suits Bracket height = 35mm
		F	Sway bar - mount 26mm	OMESB0091	1	2	10	Suits Bracket height = 38mm
		F	Sway bar - mount 29mm	OMESB0092	1	2	10	Suits Bracket height = 38mm
		F	Coil Packer - 5mm	OME80PF05			10	
		F	Coil Packer - 10mm	OME80PF10			10	
		R	Panhard rod - bush	OMESB0053	1	4	8	
		R	Sway bar - link lower	OMESB0052	1	4	8	
		R	Sway bar - link upper	OMESB3010	1	4	8	
		R	Sway bar - mount 25mm	OMESB0049	1	2	8	Suits Bracket height = 35mm
		R	Sway bar - mount 25mm	OMESB0095	1	2	8	Suits large Bracket height = 38mm
		R	Control arm - lower	OMESB0047	1	8	8	
		R	Control arm - upper	OMESB0048	1	8	8	
LandCruiser 100 Series								
FZJ105, HZJ105 Solid Axle	3/98 on	F	Caster kit	OMECA77B	1	4	10	Caster align offset 3 degree
		F	Control arm - complete kit	OMESB0045	2	6	10	STD replacement
		F	Control arm - to chassis only	OMESB0050	1	4	10	
		F	Panhard rod - bush	OMESB0046	1	4	10	
		F	Sway bar - link lower	OMESB0044	1	2	10	
		F	Coil Packer - 5mm	OME80PF05				
		F	Coil Packer - 10mm	OME80PF10				
		F	Sway bar - mount 29mm	OMESB0092	1	2	10	Suits large bracket (Bracket height = 38mm)
		R	Sway bar - link upper	OMESB3010	1	4	8	
		R	Sway bar - link lower	OMESB0052	1	4	8	
		R	Panhard rod - bush	OMESB0053	1	4	9	
		R	Sway bar - mount 25mm	OMESB0095	1	2	8	Suits Bracket height = 38mm
		R	Control arm - lower	OMESB0047	1	8	8	
		R	Control arm - upper	OMESB0048	1	8	8	
		R	Coil Packer - 5mm	OME80PR05				
		R	Coil Packer - 10mm	OME80PR10				
LandCruiser Lexus								
HDJ100, UZJ100 (Lexus) IFS	3/98 on	F	Sway bar - link upper	OMESB2361	1	4	7	
		R	Sway bar - link	OMESB2915	1	8	7	
Tacoma	To 2004	R	Spring bush	OMESB88	2	4	4	Suits OME Springs only
		R	Spring bush	OMESB89	2	4	4	Suits original shackles only

SPECIFICATIONS

SHOCK ABSORBERS

Part Number	Open Length (mm)	Closed Length (mm)	Type	UPPER MOUNT BUSH KIT		Type	LOWER MOUNT BUSH KIT	
				Original Kit	Bushes only REPLACEMENT		Original Kit	Bushes only REPLACEMENT
N15/N15C	517	327	E4005-S	110-034-072	N/A	E4005	110-034-064	OMEB36
N16	477	352	P4184	SMP374	OMEB42	E4078-T	SMP487	110034078
N17	632	382	E4026-T	SMP488	11003478	E4026-S	110-034-074	N/A
N18	340	225	P4169	SMP474	OMEB13	E4026-S	110-034-056	OMEB10
N19/N19C	492	292	P4184	SMP345	OMEB42	P4184	SMP345	OMEB42
N21	492	292	P4184	SMP345	OMEB42	P4184	SMP345	OMEB42
N22F	651	396	E4005	SMP363	OMEB36	E4005	SMP363	OMEB40
N23F	492	292	P4184	SMP345	OMEB42	P4184	SMP345	OMEB42
N25	642	377	E4005	SMP517	OMEB36	P4169	SMP474	OMEB13
N26F	381	245	P4169	SMP474	OMEB13	E4026-S	N/A	OMEB10
N27	560	340	E4005	110-034-063	OMEB36	P4184	SMP343	SMP343
N28	504	309	P4169	SMP474	OMEB13	E4005	SMP343	OMEB36
N29/N29C	656	396	E4005	SMP363	OMEB36	E4005	SMP363	OMEB40
N30	618	368	E4001	110-034-065	OMEB14	E4001	110-034-065	OMEB14
N30E	659	389	E4001	*110-034-065	OMEB14	E4001	110-034-065	OMEB14
N31S	501	318	N/A	N/A	N/A	N/A	N/A	N/A
N32	500	315	P4169	SMP474	OMEB13	E4026-S	N/A	OMEB10
N33	625	365	P4169	SMP476	OMEB13	E4026-S	110-034-056	OMEB10
N34	509	329	E4001	110-034-065	OMEB14	E4026-S	110-034-056	OMEB10
N35/N35C	568	348	P4169	SMP476	N/A	E4026-T	110-110-088	110-110-088
N36/N36C	562	342	E4026-T	110-110-089	110-110-089	E4026-S	110-034-056	OMEB10
N37	591	366	E4040-S	110-110-054	N/A	E4040-S	110-110-054	N/A
N38S	473	339	P	N/A	N/A	E-B	N/A	N/A
N39/N39C	562	342	P4169	SMP476	SMP476	E4026-T	110-110-088	110-110-088
N40/N40C	556	336	E4003	110-034-076	N/A	E4026-S	110-034-056	OMEB10
N41	499	309	E4001	110-034-065	OMEB14	E4001	110-034-065	OMEB14
N42	594	359	E4001	110-034-065	OMEB14	E4001	110-034-065	OMEB14
N43	485	295	P4169	SMP474	OMEB13	E4001	110-034-065	OMEB14
N44	560	340	E4005	110-034-063	OMEB36	P4184	SMP343	SMP343
N45F	554	324	P4184	SMP343	OMEB42	P4184	SMP343	OMEB42
N46	560	340	E4005	110-034-063	OMEB36	P4184	SMP343	SMP343
N47	406	251	P4169	SMP474	OMEB13	P4169	SMP474	OMEB13
N48	560	335	E4001	110-034-065	OMEB14	P4169	SMP474	OMEB13
N49	446	271	P4169	SMP474	OMEB13	P4169	SMP474	OMEB13
N50	584	349	P4169	SMP474	OMEB13	E4005	110-034-064	OMEB36
N51	365	235	P4169	SMP474	OMEB13	E4026-BS	110-034-181	110-034-181
N52/N52F	425	265	P4161	SMP334	OMEB12	E4026-S	110-A42-071	OMEB10
N53/N53C	628	378	E4040-B	110-004-040	N/A	E4026-S	110-034-181	110-034-181
N54	554	339	E4001	*110-034-065	OMEB14	E4001	110-034-065	OMEB14
N55	585	345	P4161	SMP334	OMEB12	E4026-S	110-A42-071	OMEB10
N56	554	339	E4001	*SMP516	OMEB14	E4001	SMP516	OMEB14
N57G	340	225	P4169	SMP474	OMEB13	E4026-S	N/A	OMEB10
N58	325	215	P4169	SMP474	OMEB13	E4026-S	N/A	OMEB10
N59	559	339	E4001	*SMP516	OMEB14	E4001	SMP516	OMEB14
N60G	340	225	P4169	SMP474	OMEB13	E4026-T	110-110-078	110034078
N61/N61C	607	367	E4005-S	SMP363	OMEB17	E4026-S	110-034-056	OMEB10
N62G	507	317	E4001	110-034-065	OMEB14	E4005-S	110-034-077	OMEB17
N63G	478	299	P4169	SMP474	OMEB13	E4005-S	110-034-077	OMEB17
N64/N64C	478	299	P4169	SMP474	OMEB13	E4005-S	110-034-077	OMEB17
N65	385	245	P4169	SMP474	OMEB13	E4026-S	110-034-056	OMEB10
N66/N66C	568	335	P4169	SMP476	N/A	E4026-TB	110-110-088	N/A

Note: Bush kits with part numbers starting with SMP indicate the kits have the urethane bush, mounting nut & washers.

*Spacer Kit SMP511 also supplied.

See page 97 for legend of mount types

SPECIFICATIONS

SHOCK ABSORBERS

Part Number	Open Length (mm)	Closed Length (mm)	Type	UPPER MOUNT BUSH KIT		Type	LOWER MOUNT BUSH KIT	
				Original Kit	Bushes only REPLACEMENT		Original Kit	Bushes only REPLACEMENT
N67	562	339	E4026-TB	110-110-089	N/A	E4026-S	110-034-056	OMEB10
N68	634	387	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N68E	660	394	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N69	470	290	E4005	110-034-064	OMEB36	P4184	SMP343	OMEB42
N70	614	354	P4184	SMP403	OMEB42	P4184	SMP403	OMEB42
N71E	620	370	P4184	SMP403	OMEB42	E4005	110-034-064	OMEB36
N72F	548	329	P4169	SMP474	OMEB13	E4005	110-034-064	OMEB36
N73	614	354	P4184	SMP501	OMEB42	P4184	SMP501	OMEB42
N74E	620	370	P4184	SMP501	OMEB42	E4005	110-034-064	OMEB36
N75	640	390	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N75E/N75F	652	397	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N76	685	408	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N77	570	340	E4032-S	110-110-077	N/A	P4169	SMP474	OMEB13
N78	447	287	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N79	507	307	E4005	110-034-064	OMEB36	P4169	SMP474	OMEB13
N80	352	232	P4169	SMP474	OMEB13	E4005-S	110-034-072	OMEB17
N81	499	309	E4001	110-034-065	OMEB14	E4001	110-034-065	OMEB14
N83	345	225	P4169	SMP474	OMEB13	E4026-S	SMP381	OMEB10
N84	485	295	P4169	SMP474	OMEB13	E4026-S	N/A	OMEB10
N85	587	357	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N86/N86C	539	329	P4169	SMP474	OMEB13	E4005	110-034-064	OMEB15
N87	352	232	P4169	SMP474	OMEB13	E4005-S	110-034-072	OMEB17
N88	589	349	P4169	SMP474	OMEB13	E4005	110-034-064	OMEB36
N89	594	359	E4001	**110-034-065	OMEB14	E4001	110-034-065	OMEB14
N90	582	357	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N91S	470	335	P-	SMP415	N/A	E4050-B	110-110-060	110-110-060
N91SC	470	335	P-	SMP415	N/A	E4050-B	110-110-060	110-110-060
N92	589	349	P4169	SMP474	OMEB13	E4005	110-034-064	OMEB36
N93	485	295	P4169	SMP474	OMEB13	E4026-S	N/A	OMEB10
N94	587	357	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N95	599	359	E4001	**110-034-065	OMEB14	E4001	110-034-065	OMEB14
N96	431	261	P4169	SMP474	OMEB13	P4169	SMP474	OMEB13
N97	545	325	E4001	110-034-065	OMEB14	P4169	SMP474	OMEB13
N98	389	249	P4169	SMP474	OMEB13	E4005-S	110-034-072	OMEB17
N100	440	290	P4203	SMP493	N/A	E4050-BS	110-110-090	110-110-090
N101/N101C	610	360	P4204	SMP493	N/A	E4005	110-034-063	OMEB40
N102	482	302	P4169	SMP474	OMEB13	E4050-BS	110-110-090	N/A
N103S	504	318	P-	N/A	N/A	N/A	N/A	N/A
N104/N104C	641	391	E4040-S	110-110-054	N/A	E4055-S	110-110-069	N/A
N105	508	318	P4169	SMP474	OMEB13	E4026-S	110-004-074	OMEB10
N106/N106C	537	317	P4184	SMP501	OMEB42	P4184	SMP501	OMEB42
N107/N107C	608	373	E4005-S	110-110-066	N/A	E4005-T	110-110-067	N/A
N108/N108C	593	363	E4005-S	110-110-066	N/A	E4005-BS	110-110-066	110-110-066
N109S	472	327	N/A	Use OE Bushes	N/A	E4055BS	110-110-075	N/A
N110	575	350	P4158	SMP641	N/A	E4040-BS	110-110-076	N/A
N111	548	328	P4170	SMP312	N/A	E4026-S	SMP487	N/A
N112	449	279	P4169	SMP474	OMEB13	E4005	110-034-064	OMEB15
N113	537	337	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N114	475	285	P4184	SMP345	OMEB42	P4184	SMP345	OMEB42
N115	554	324	P4184	SMP343	OMEB42	P4184	SMP343	OMEB42

Note: Bush kits with part numbers starting with SMP indicate the kits have the urethane bush, mounting nut & washers.

*Spacer Kit SMP511 also supplied.

** Spacer Kit SMP495 supplied

See page 97 for legend of mount types

SPECIFICATIONS

SHOCK ABSORBERS

Part Number	Open Length (mm)	Closed Length (mm)	Type	UPPER MOUNT BUSH KIT		Type	LOWER MOUNT BUSH KIT	
				Original Kit	Bushes only REPLACEMENT		Original Kit	Bushes only REPLACEMENT
N116	527	327	E4001	110-034-065	OMEB14	E4005-S	110-034-072	OMEB17
N117	578	358	E4057-S	110-110-085	N/A	E4001-S	110-034-020	OMEB10
N118	532	322	P4169	SMP474	OMEB13	E4005	110-034-080	OMEB11
N119S	596	395	N/A	SMP483	SMP483	N/A	N/A	N/A
NC120	609	402	N/A	110-039-058	110039058	N/A	N/A	N/A
N121S	576	389	N/A	SMP483	SMP483	N/A	N/A	N/A
NC122	589	402	N/A	110-039-058	110039058	N/A	N/A	N/A
N123S	596	395	N/A	SMP483	SMP483	N/A	N/A	N/A
N124S	576	389	N/A	SMP483	SMP483	N/A	N/A	N/A
N125S	411	289	P	SMP363	SMP363	N/A	N/A	N/A
N126S	411	289	P	SMP363	SMP363	N/A	N/A	N/A
N127S	601	385	P	SMP354	SMP354	E-BS	N/A	N/A
N128	358	238	P4205	SMP474	OMEB13	E4026-T	SMP489	N/A
N129S	472	327	N/A	Use OE Bushes	N/A	E4055-BS	110-110-075	110-110-075
NS130	333	201	P	SMP497	SMP497	N/A	N/A	N/A
NS131	333	201	P	SMP497	SMP497	N/A	N/A	N/A
N132	573	359	E4057-S	110-110-085	N/A	E4005-S	110-110-086	N/A
N133	443	287	P4203	SMP493	SMP493	E4050-BS	110-110-090	110-110-090
N134	559	349	E4057-S	110-110-085	N/A	E4005-S	110-110-086	N/A
N135S/N136S	602	393	P	SMP483	SMP483	N/A	N/A	N/A
NC137	539	369	P	SMP546	N/A	-	-	-
NC138	609	400	P	SMP546	N/A	-	-	-
N139S	543	405	P	SMP633/626	N/A	E4050-S	110-110-060	110-110-060
N140S	543	405	P	SMP633/626	N/A	E4050-S	110-110-060	110-110-060
N141	577	353	P4184	SMP569	N/A	E4005	SMP621	OMEB40
N142	577	353	P4184	SMP569	N/A	E4005	SMP621	OMEB40
N143S	590	408	P	-	N/A	-	-	N/A
N144S	590	408	P	-	N/A	-	-	N/A
NC145	651	439	P	SMP625	N/A	-	-	N/A
N146	655	379	P	SMP641	N/A	E4055-BS	110-110-093	N/A
N147S	476	362	P	SMP640	N/A	E4050-S	110-110-060	110-100-060
N148S	476	362	P	SMP640	N/A	E4050-S	110-110-060	110-110-060
N149	504	313	E4051-BS	110-110-092	N/A	E4051-BS	110-110-092	N/A
N150	388	242	P4205	SMP474	OMEB13	E4026-S	110-034-056	OMEB10
N151	308	202	P4205	SMP474	OMEB13	E4026-S	110-034-056	OMEB10
N152	576	345	P4158	SMP641	N/A	E4051-BS	110-110-076	N/A
N153	528	312	P4205	SMP474	OMEB13	E4026-S	110-034-074	OMEB10
N154	562	336	E4001	110-034-065	OMEB14	E4001	110-034-065	OMEB14
N155	568	332	P4205	SMP474	OMEB13	E4001	110-034-065	OMEB14
N156S	365	530	-	Nut only	OEM	N/A	OEM	OEM
N157S	365	530	-	Nut only	OEM	N/A	OEM	OEM
N158S	405	610	-	Nut only	OEM	N/A	OEM	OEM
N159S	405	610	-	Nut only	OEM	N/A	OEM	OEM
NC160	601	403	P	SMP546	SMP546	N/A	N/A	N/A
NC161	572	386	P	SMP625 & 633	SMP625 & 633	N/A	N/A	N/A
N162	348	222	P4205	SMP474	OMEB13	E4026-S	110-034-056	OMEB10
NC163	617	386	P	SMP625 & 633	SMP625 & 633	N/A	N/A	N/A
N164	527	317	P4184	SMP501	OMEB42	P4184	SMP501	OMEB42
N165	657	397	E4005	110-034-064	OMEB15	E4005	110-034-064	OMEB15
N166S	543	411	P	SMP633 & 626	SMP633 & 626	E4050-S	110-110-060	110-110-060
N167S	543	411	P	SMP633 & 626	SMP633 & 626	E4050-S	110-110-060	110-110-060
N168	600	370	E4005	SMP649	SMP649	E4005	SMP649	SMP649

Note: Bush kits with part numbers starting with SMP indicate the kits have the urethane bush, mounting nut & washers.

See page 97 for legend of mount types

SPECIFICATIONS

SHOCK ABSORBERS

Part Number	Open Length (mm)	Closed Length (mm)	Type	UPPER MOUNT BUSH KIT		Type	LOWER MOUNT BUSH KIT	
				Original Kit	Bushes only REPLACEMENT		Original Kit	Bushes only REPLACEMENT
N169	600	370	E4005	SMP649	SMP649	E4005	SMP649	SMP469
N170	348	322	P4205	SMP474	OMEB13	E4026-S	110-034-056	OMEB10
N171	532	316	P4205	SMP474	OMEB13	E4005	SMP650	OMEB15
N172	532	316	P4205	SMP474	OMEB13	E4005	SMP650	OMEB15
N173S	481	301	P	N/A	N/A		N/A	N/A
N174	597	341	P4180	SMP343	SMP343	P4180	SMP343	SMP343
N175	603	363	E4005	110-034-063	OMEB36	P4180	SMP343	SMP343
N176	535	319	E4055-S	110-110-066	N/A	P4180	SMP343	SMP343
N177	485	299	E4055-S	110-110-066	N/A	P4180	SMP343	SMP343
N178	600	364	E4005	110-034-080	110-034-080	E4005-S	110-A42-124	N/A
N179	790	456	E4005	110-034-080	110-034-080	E4005-S	100-A42-124	N/A
N180	690	406	E4005	110-034-080	110-034-080	E4005-S	110-A42-124	N/A
N181	537	317	P4184	SMP501	OMEB42	P4184	SMP501	OMEB42
N182	608	352	P4205	SMP474	OMEB13	E4026-S	110-034-056	N/A
N183S	390	281	P-	SMP633	N/A	E4063-BS	110-110-100	N/A
N184	379	255	E4051-S	110-110-076	N/A	E4051-S	110-110-076	N/A
N185	567	341	E4001	110-043-065	OMEB14	E4063-S	110-110-100	N/A
N186S	426	298	P-	N/A	N/A	E4055-BS	110-110-075	N/A
N187	360	240	P4205	SMP475	OMEB13	E4050	TBA	TBA
N188S	-	-	-	-	-	-	-	-
N189	600	360	E4005	110-034-064	OMEB15	E4005BS	110-034-080	-
N190	658	394	E4057-S	110-110-085	N/A	E4005-S	110-110-086	-
N191	589	349	P4205	SMP474	OMEB13	E4005-S	110-034-064	OMEB15
N192S	589	424	P-	SMP659	SMP659	E4055-BS	110-110-101	-
N193	661	391	P4203	SMP493		E4040-BS	110-110-102	N/A
N194	360	240	P4205	SMP475	OMEB13	E4050	TBA	TBA
N195	560	340	P4204	SMP493	-	E4051-S	110-110-103	-
N196	595	360	P4184	SMP374	OMEB42	E-TBA	TBA	TBA
N197	652	397	E4005	110-034-064	OMEB15	E-4005	110-034-064	OMEB15
N198	615	375	E-TBA	TBA	TBA	E-TBA	TBA	TBA
N199	440	290	P4203	SMP493	SMP493	E4050-BS	110-110-060	110-110-060
N200	610	360	P4204	SMP493	SMP493	E4005	110-034-063	OMEB40
N201S	543	405	P-	SMP633/626	SMP633/626	E4050-S	110-110-060	110-110-060
N202	577	353	P4184	SMP569	SMP569	E4005	SMP621	OMEB40
N203S	472	327	P	Use OE Bushes	N/A	E4066-BS	110-110-086	N/A
N204	576	345	P4158	SMP641	N/A	E4051-BS	110-110-076	N/A
N205	507	312	P4213	SMP665	N/A	E4051-BS	110-110-092	N/A
N206S	602	399	P-	Nut only	N/A	N/A	N/A	N/A
N207S	602	399	P-	Nut only	N/A	N/A	N/A	N/A
N208S	608	433	P4214	TBA	TBA	E4066	N/A	N/A
N209	610	360	P4204	SMP493	N/A	E4005	110-034-063	OMEB40
N210	610	360	P4204	SMP493	N/A	E4005	110-034-063	OMEB40
N211	595	360	P4184	SMP374	OMEB42	E4026	110-034-181	110-034-181
N212	618	375	E4053	110-110-105	N/A	E4026	110-034-181	110-034-181
OME007	600	359	E4004	110-034-003	N/A	E4003	110-034-003	N/A
OME013	473	292	E4001	110-034-065	OMEB14	E4001	110-034-065	OMEB14
OME014	495	305	E4001	110-034-065	OMEB14	E4001	110-034-065	OMEB14
OME015	415	256	P4175	SMP333	OMEB13	E4001	110-034-065	OMEB14
OME018	585	359	E4003	110-034-003	N/A	E4003	110-034-003	N/A
OME023	429	270	E4001	110-034-065	OMEB14	E4001	110-034-065	OMEB14
OME025	415	256	P4175	SMP333	OMEB13	E4001	110-034-065	OMEB14

Note: Bush kits with part numbers starting with SMP indicate the kits have the urethane bush, mounting nut & washers.

See page 97 for legend of mount types

SPECIFICATIONS

SHOCK ABSORBERS

Part Number	Open Length (mm)	Closed Length (mm)	Type	UPPER MOUNT BUSH KIT		Type	LOWER MOUNT BUSH KIT	
				Original Kit	Bushes only REPLACEMENT		Original Kit	Bushes only REPLACEMENT
OME027	497	297	P4175	SMP333	OMEB13	E4001	110-034-065	OMEB14
OME028	450	281	P4169	SMP474	OMEB13	E4028-S	110-110-009	N/A
OME029	502	314	E4028-S	110-110-009	N/A	E4028-S	110-110-009	N/A
OME030	470	302	E4028-S	110-110-009	N/A	E4028-S	110-110-009	N/A
OME031	627	379	P4175	SMP333	OMEB13	E4001	110-034-065	OMEB14
OME032	608	369	P4175	SMP333	OMEB13	E4001	110-034-065	OMEB14
OME033	615	382	P-	SMP636	OMEB13	E4005-S	110-034-072	OMEB17
OME034	481	284	P4175	SMP333	OMEB13	E4001	110-034-065	OMEB14
OME035	495	299	E4001	110-034-065	OMEB14	E4001	110-034-065	OMEB14

Note: Bush kits with part numbers starting with SMP indicate the kits have the urethane bush, mounting nut & washers.

See below for legend of mount types

SHOCK ABSORBER MOUNT TYPES

Mount Type Pin Part No.	Dimensions (mm) Thread Length X Dia	OME Replacement Part No.
P4161	62 x M10 x 1.5	OMEB13
P4169	53 x M10 x 1.25	OMEB13
P4170	73 x M10 x 1.5	OMEB13
P4175	58 x M10 x 1.5	OMEB13
P4184	71 x M12 x 1.25	OMEB42
P4203	85 x M14 x 1.5	Use original
P4204	77 x M14 x 1.5	Use original
P4205	54 x M10 x 1.25	OMEB13

Mount Type Eye Part No.	Dimensions (mm) OD x ID x L	Mounting Kit Replacement Part No.
E4001	37 x 25.3 x 24.3	OMEB14
E4003	42.6 x 37.7 x 19.5	Not available
E4005	44.2 x 31.7 x 30	OMEB36 *OMEB40
E4026	37 x 27 x 25	OMEB10
E4028	38.4 x 25.1 x 23	Not available
E4032	46.7 x 36.6 x 33	Not available
E4040	46 x 37 x 30	Not available
E4050	45 x 39 x 35	Not available
E4055	50 x 40.2 x 34	Not available
E4057	42 x 32.5 x 29	Not available

T-CROSS PIN MOUNTING

B-BONDED BUSH

S-BUSH WITH SLEEVE

*Special Bush for N22F, N29/N29C Lower Rear Mount

SPECIFICATIONS

LEAF SPRINGS

Dakar Part No.	OME Part No.	Stack Height (mm)	No. of Leaves	Eye Dia. mm		Weight (kg)	Primary Free Camber mm	Spring Rate	
				Front	Rear			lbf/in	N/mm
CS001F	OME13	48.0	8	35.0	35.0	23.0	165	350	61.3
CS001R	OME14	43.0	5 + 1	35.0	35.0	21.5	225	300 / 450	52.5 / 79
CS002F	OME131	54.0	9	35.0	35.0	27.0	165	398	69.8
CS002R	OME141	49.0	6 + 1	35.0	35.0	25.6	225	357 / 496	62.5 / 87
CS003F	OME110	30.0	5	35.0	35.0	15.5	200	220	38.5
CS003R	OME201	81.0	6 + 3	35.0	35.0	45.4	235	510 / 710	90 / 125
CS004F	OME11	36.0	6	35.0	35.0	17.7	196	257	45
CS004RA	OME113A	58.0	6 + 2	35.0	35.0	31.6	250	268 / 570	47.0 / 100
CS004RB	OME113B	58.0	6 + 2	35.0	35.0	31.6	230	268 / 570	47.0 / 100
CS005F	OME111	42.0	7	35.0	35.0	21.5	196	305	53.5
CS005RA	OME1131A	64.0	7 + 2	35.0	35.0	36.0	250	314 / 617	55 / 108
CS005RB	OME1131B	64.0	7 + 2	35.0	35.0	36.0	230	314 / 617	55 / 108
CS006F	OME67	43.0	7	35.0	35.0	21.6	220	302	53
CS006R	OME391	82.0	7 + 3	40.0	40.0	46.8	240	388 / 610	68 / 107
CS007F	OME671	49.0	8	35.0	35.0	25.5	220	348	61
CS007R	OME3911	89.0	8 + 3	40.0	40.0	52.2	240	455 / 600	80 / 105
CS008FA	OME99A	32.5	5	30.0	30.0	14.8	170	208	36.5
CS008FB	OME99B	32.5	5	30.0	30.0	14.8	150	208	36.5
CS008R	OME39111	96.0	9 + 3	40.0	40.0	59.5	240	500 / 656	88 / 115
CS009FA	OME91A	39.0	6	30.0	30.0	18.4	170	254	44.5
CS009FB	OME91B	39.0	6	30.0	30.0	18.4	150	254	44.5
CS009R	OME17	48.0	4 + 2	30.0	30.0	20.0	230	217 / 388	38.0 / 68.0
CS010FA	OME3A	43.0	7	32.5	32.5	18.9	215	283	49.6
CS010FB	OME3B	43.0	7	32.5	32.5	18.9	200	283	49.6
CS010R	OME171	54.5	5 + 2	30.0	30.0	24.2	230	285 / 445	50.0 / 78.0
CS011FA	OME31A	49.0	8	32.5	32.5	22.3	215	343	60
CS011FB	OME31B	49.0	8	32.5	32.5	22.3	200	343	60
CS011R	OME4	56.0	8	32.5	32.5	26.8	275	211	37
CS012FA	OMES1A	24.4	4	30.0	40.0	8.1	125	207	36.3
CS012FB	OMES1B	24.4	4	30.0	40.0	8.1	110	207	36.3
CS012R	OME41	63.0	9	32.5	32.5	30.2	275	240	42
CS013FA	N/A	30.0	5	30.0	40.0	10.4	125	247	27.9
CS013FB	N/A	30.0	5	30.0	40.0	10.4	110	247	27.9
CS013R	OME491	68.0	5 + 2	40.0	40.0	47.9	268	279 / 548	52 / 96
CS014F	OMEJ1F	26.0	4	31.4	37.6	11.0	210	148	26
+CS014R	+OME492	68.0	5 + 2	40.0	40.0	47.9	268	279 / 548	52 / 96
CS015F	N/A	52.0	6	52.0	42.0	33.0	190	369	65
+CS015R	+OME493	76.0	6 + 2	40.0	40.0	51.5	268	325 / 680	57 / 119
CS016RA	OME611A	82.0	7 + 3	40.0	40.0	50.8	250	325 / 585	57 / 103
CS016RB	OME611B	82.0	7 + 3	40.0	40.0	50.8	235	325 / 585	57 / 103
CS017RA	OME221A	48.0	8	35.0	35.0	25.5	250	255	44.7
CS017RB	OME221B	48.0	8	35.0	35.0	25.5	230	255	44.7
*CS018R	*OME180	52.5	3 + 3	39.0	30.0	25.0	215	125 / 485	22 / 85
CS019R	OME18	52.5	3 + 3	39.0	30.0	27.3	235	125 / 485	22 / 85
CS020R	OME181	59.0	4 + 3	39.5	30.0	30.6	235	160 / 540	28 / 95

cont.

- * These springs have a 20mm lower 2nd Stage than other springs in the series.
- + These springs have a 20mm higher 2nd stage than other springs in this series

SPECIFICATIONS

LEAF SPRINGS

Dakar Part No.	OME Part No.	Stack Height (mm)	No. of Leaves	Eye Dia. mm		Weight (kg)	Primary Free Camber mm	Spring Rate	
				Front	Rear			lbf/in	N/mm
CS021R	OME1811	65.5	5 + 3	39.0	30.0	31.0	235	274 / 571	48 / 100
CS022R	OME22	41.0	5 + 1	31.5	27.5	22.0	195	194 / 388	34.0 / 68.0
+CS023R	+OME222	58.0	6 + 2	31.5	27.5	29.5	195	230 / 570	41 / 100
CS024R	OMEROD4	54.0	4 + 2	39.0	30.0	22.0	181	205 / 450	36 / 79
+CS025R	+OMEROD5	54.0	4 + 2	39.0	30.0	22.0	188	319 / 581	56 / 102
CS026R	OME26	59.0	4 + 3	32.7	32.7	26.3	164	177 / 616	31 / 108
CS027R	OME261	65.5	5 + 3	32.7	32.7	30.1	164	217 / 662	38 / 116
CS028R	OMEROD11	48.0	4 + 2	39.0	30.0	22.5	250	170 / 457	30 / 80
+CS029R	+OMEROD111	60.5	4 + 3	39.0	30.0	25.4	250	216 / 616	38 / 108
CS030R	OMENN1	52.5	3 + 3	40.0	32.5	22.1	170	126 / 531	22 / 93
CS031R	OMENN11	59.0	4 + 3	40.0	32.5	25.5	170	165 / 571	29 / 100
*CS032R	*OMENN2	52.5	3 + 3	40.0	32.5	22.1	170	126 / 411	22 / 72
CS034RA	OMEJC1A	32.5	5	62.0	43.5	18.2	230	148	26
CS034RB	OMEJC1B	32.5	5	62.0	43.5	18.2	205	148	26
CS035RA	OMEJC2A	37.0	4 + 1	62.0	43.5	20.9	235	137 / 257	24 / 45
CS035RB	OMEJC2B	37.0	4 + 1	62.0	43.5	20.9	210	137 / 257	24 / 45
CS036R	OMEJ1R	32.5	5	37.6	31.4	13.7	205	188	33
CS037R	OMEJ2R	32.5	5	37.0	31.0	13.8	185	188	33
CS038R	OMES2	36.0	3 + 2	40.0	30.0	9.8	175	171 / 291	30 / 51
CS039R	OMES21	42.0	4 + 2	40.0	30.0	12.3	175	228 / 348	40 / 61
CS040R	OME19	29.0	3 + 1	31.5	27.5	16.4	211	148 / 245	26 / 43
CS041R	OME191	35.0	4 + 1	31.5	27.5	16.4	211	200 / 296	35 / 52
CS042R	OME36	45.0	4 + 1	46.8	31.0	28.0	210	228 / 310	40 / 55
CS043R	N/A	50.0	4 + 2	40.0	30.0	24.0	194	170 / 340	30 / 60
CS044R	N/A	50.0	4 + 2	40.0	30.0	24.0	204	170 / 340	30 / 60
+CS045R	N/A	57.0	5 + 2	40.0	30.0	27.5	204	204 / 361	35.8 / 63.8
CS046RA	OME15A	52.0	5 + 2	40.5	30.0	26.7	222	114 / 194	20 / 34
CS046RB	OME15B	52.0	5 + 2	40.5	30.0	26.7	209	114 / 194	20 / 34
CS047R	N/A	57.0	5 + 2	40.0	40.0	32.4	207	182 / 392	32 / 69
CS048R	N/A	50.0	3 + 2	40.0	40.0	32.5	275	225 / 416	39 / 73
CS049R	N/A	45.0	4 + 1	40.0	32.7	25.0	173	212 / 450	37 / 79
CS050R	N/A	59.0	4 + 2	40.0	33.4	30.9	177	192 / 481	34 / 84
CS051R	N/A	67.0	5 + 2	40.0	33.4	36.3	177	244 / 535	43 / 94
CS053R	N/A	35.0	4 + 1	31.5	27.5	20.3	193	166 / 321	29 / 56
CS054R	N/A	41.0	5 + 1	30.0	27.5	24.3	193	209 / 365	37 / 64
CS056R	N/A	37.0	3 + 1	40.0	32.7	20.0	173	147 / 371	26 / 65
CS057R	N/A	59.0	4 + 2	40.0	40.0	36.6	225	234 / 627	41 / 110
CS058R	N/A	66.0	5 + 2	40.0	40.0	42.8	225	300 / 694	53 / 122

Free Camber is measured from top of eye (not centre line) to main leaf at centre bolt. Allow 3mm tolerance either side.

* These springs have a 20mm lower 2nd Stage than other springs in the series.

✦ These springs have a 20mm higher 2nd stage than other springs in this series

SPECIFICATIONS

COIL SPRINGS

Spring Number	X5K Steel	Bar Dia. mm	Free Height mm		Number Of Coils	Coil weight Kg	Spring Rate	
			A	B			lbf / in	N / mm
OME500	X	14.5	385	385	5.4	3.5	155	27
OME501		15	350	350	7.3	4.5	175	30.6
OME502	X	16	350	350	6.0	4.6	245	42.9
OME503		15	342	342	7.0	4.1	185	42.9
OME504	X	14.5	355	355	5.4	3.4	155	27
OME505		15	330	330	7.3	4.2	175	30.6
OME506		15	330	330	5.1	3.5	180	31.5
OME507		15	338	338	5.1	3.5	180	31.5
OME508		15	315	315	5.6	3.7	180	31.5
OME601		18	350	350	8.3	5.5	650	113.8
OME602	X	16	392	392	8.2	5.9	180	31.5
OME603	X	17	410	410	7.0	6.6	188	32.9
OME604	X	17	400	400	6.0	5.7	227	39.8
OME605	X	18	315	315	7.8	5.0	730	127.8
OME606	X	18	320	320	7.8	5.0	730	127.8
OME607	X	17	370	370	10.5	5.8	480	84
OME608	X	17	380	380	10.5	5.8	480	84
OME609	X	19	440	440	8.0	7.8	390	68
OME610	X	20	430	430	8.0	8.7	460	80
OME611		18	310	310	7.8	5.0	730	127.08
OME612	X	20	415	415	11.0	9.1	740	129.6
OME613	X	20	435	435	11.0	9.1	740	129.6
OME614	X	20	425	425	11.0	8.9	740	129.6
OME615	X	13	510	510	10.0	3.8	120	21
OME616	X	14	490	490	10.5	4.6	135	23.6
OME617	X	15	430	430	7.0	4.1	160	28
OME618	X	16	435	445	7.75	5.3	175	30.7
OME619	X	14	515	515	10.5	4.6	135	24.6
OME620	X	15	450	450	9.0	4.5	200	35
OME621	X	14	520	520	9.5	4.8	150	26.3
OME622	X	14.5	375	375	7.0	3.5	200	35
OME700	X	18	420	420	8.75	5.8	625	109
OME701	X	19	425	425	9.5	7.0	720	126
OME702	X	18.5	430	430	9.5	6.6	625	109
OME703	X	19	435	435	9.5	7.0	720	126
OME720	X	19	420	410	8.9	9.9	270 / 350	47 / 61
OME721	X	19	440	430	8.9	9.9	270 / 350	47 / 61
OME722	X	19	440	430	7.2	8.0	275	48
OME723	X	20	450	440	7.2	8.9	340	59.5
OME724	X	21	445	435	7.2	9.9	400	70
OME725	X	22	445	435	7.7	11.7	440	77
OME743	X	21	360	360	8.6	8.8	830	145
OME744		18	400	400	9.7	6.7	430	93
OME745		19	390	390	9.7	7.2	670	117
OME746	X	20	370	370	8.6	8.1	680	119
OME751	X	15	390	380	6.6	3.9	230	40
OME752	X	17	440	440	9.0	6.7	270	47
OME754	X	20	435	435	6.9	8.4	420	73.5
OME755	X	18	435	435	6.8	6.6	300	52.5
OME760		15	395	385	9.0	6.8	180 - 250	35 - 44
OME761	X	15	400	390	7.5	4.4	200	35
OME762	X	17.5	420	410	8.6	7.0	300 - 340	52 - 60
OME763	X	18	420	410	7.8	6.8	360	63
OME764	X	16	430	420	8.0	5.4	220	38.5
OME766	X	16	420	420	7.5	5.1	250	44

cont.

SPECIFICATIONS

COIL SPRINGS

Spring Number	X5K Steel	Bar Dia. mm	Free Height mm		Number Of Coils	Coil weight Kg	Spring Rate	
			A	B			lbf / in	N / mm
OME767	X	16	385	375	6.7	4.5	285	50
OME768	X	20	580	580	11.0	10.2	450	78.8
OME770	X	16	480	470	10.0	8.4	260	46
OME776		15	410	390	8.8	5.2	160	28
OME777		15	395	375	8.0	4.8	180	31.5
OME779	X	16	385	375	8.0	4.8	225	39
OME780	X	18.5	470	460	8.7	10.0	250 / 340	44 / 60
OME781	X	17	425	415	7.7	6.0	290	51
OME790	X	17	378	378	9.4	6.0	500	87.6
OME791	X	16	280	280	7.3	4.0	410	72
OME792		14	435	435	9.3	4.0	150	27
OME793		15	350	350	5.2	3.7	165	28.8
OME794	X	16	260	255	7.3	4.2	420	73.6
OME795	X	16	285	285	6.0	3.9	360	63
OME796	X	16	255	250	7.3	4.2	420	73.6
OME797		13	350	350	10.0	2.6	340	59.5
OME798		13	400	400	10.5	3.2	210	36.8
OME799	X	16	353	353	5.5	4.6	220	38.5
OME802	X	16	445	445	11.3	5.7	320	56
OME803	X	16	465	465	10.7	6.0	340	59
OME850	X	16.5	495	505	9.0	7.3	220	38.5
OME851	X	16	475	485	8.2	5.3	220	38.5
OME853	X	17	495	495	11.2	7.3	275	48.2
OME856	X	16	465	465	11.0	6.3	230	40
OME859	X	16	470	470	9.2	5.3	275	48
OME860	X	17	480	490	6.9	6.0	220	38.5
OME861	X	16	480	490	10.4	7.0	220	38.5
OME862	X	17	460	470	9.0	8.0	240	42
OME863	X	18	480	490	7.0	7.0	250	44
OME864	X	19	480	490	7.2	7.9	320	56
OME865	X	17	460	460	6.9	6.0	220	38.5
OME866		18	465	465	9.0	9.8	240 - 300	42 - 52.5
OME868	X	20	480	490	7.1	11.4	360	63.1
OME870		14	370	355	8.5	3.7	200	35
OME871	X	16	410	400	7.3	5.1	220	38.5
OME872	X	14	400	400	9.0	4.0	190	33
OME873	X	16	455	455	8.2	5.7	200	35
OME874	X	15	408	408	9.0	4.5	220	38.5
OME875	X	17	440	440	8.3	6.5	240	42
OME876		14	390	375	8.5	3.7	200	35
OME880	X	16	365	365	10.2	4.7	500	88
OME881	X	16	375	375	10.2	4.7	500	88
OME882	X	17	395	395	12.2	4.7	500	88
OME883	X	16.5	375	375	9.7	5.5	590	103
OME884	X	16.5	390	390	9.7	5.5	590	103
OME885	X	16.5	395	395	9.7	5.5	590	103
OME886		18	402	402	11.4	6.8	660	115.6
OME890	X	14.5	435	425	9.7	5.7	190	33
OME891	X	15.5	420	410	9.5	6.4	210	37
OME892	X	17	400	390	8.9	6.4	380	68
OME895	X	16.5	390	390	6.8	4.8	260	45.5
OME895E	X	17	375	375	6.8	5.4	260	46
OME896		18	390	390	6.8	6.4	318	55.7
OME897		19	390	390	6.8	7.2	387	67.8
OME900	X	15	405	395	6.4	4.1	180	31.5

cont.

SPECIFICATIONS

COIL SPRINGS

Spring Number	X5K Steel	Bar Dia. mm	Free Height mm		Number Of Coils	Coil weight Kg	Spring Rate	
			A	B			lbf / in	N / mm
OME901	X	16	395	385	6.3	4.6	220	38.5
OME902		18	340	340	8.4	5.5	650	113.8
OME903	X	16	380	380	7.3	5.3	210	36.8
OME904		15	410	410	6.8	4.4	170	29.8
OME905	X	17	313	313	6.0	4.7	360	63
OME907	X	17	370	370	5.3	5.2	213	37.3
OME908	X	16	295	295	7.3	4.5	368	64.4
OME910	X	17	400	390	7.5	7.0	150 - 260	26 - 45.5
OME911	X	16	400	390	7.5	7.0	140 - 230	24.5 - 40
OME912		15	420	420	10.8	5.6	180 - 300	31.5 - 52.5
OME913		15	390	390	9.3	4.8	180 - 300	31.5 - 52.5
OME914		18	330	330	8.2	5.0	650	114
OME915		18	345	345	8.2	5.5	650	113.8
OME917	X	21	345	335	7.3	8.6	700 - 900	122 - 157
OME918	X	22	338	328	7.3	9.5	860 - 1000	150 - 175
OME919		15	430	430	10.8	5.7	200 - 280	35 - 49
OME920		14	430	430	8.0	3.6	190	33
OME921	X	16	385	385	6.8	5.3	200	35
OME922	X	14	360	360	6.1	3.3	140	24
OME923	X	16	395	395	6.8	5.3	200	35
OME924		19	340	340	8.2	6.2	790	138
OME925	X	16	385	385	10.8	5.4	375	65.7
OME926	X	16	392	392	10.8	5.4	375	65.7
OME927	X	16	394	394	10.3	5.2	400	70
OME928	X	16	410	410	6.8	5.0	200	35
OME929	X	16	420	420	10.8	6.6	240 - 300	42 - 52.5
OME930	X	14	475	465	9.8	3.9	160	28
OME931		14	510	500	11.9	5.1	140	24.5
OME932	X	14	480	470	11.2	4.8	140	24.5
OME933	X	14	495	485	11.2	4.8	140	24.5
OME934	X	14	510	500	10.0	4.0	160	28
OME935	X	14	420	410	9.8	4.1	180	31.5
OME936		15	420	410	10.0	4.9	220	38.5
OME937		15	400	400	7.3	4.3	220	38.5
OME938		18	400	390	7.5	7.7	205 - 290	36 - 51
OME940		14	380	370	8.6	3.8	190	33
OME941		15	390	375	7.2	4.4	140	24.5
OME942	X	15.5	380	365	6.6	5.2	160	28
OME943		15	370	360	8.6	4.4	230	40.3
OME944	X	15	395	385	8.0	4.5	190	33
OME945	X	16	350	340	7.5	4.7	240	42
OME947	X	16	340	340	5.8	4.5	170	29.8
OME948	X	16	340	340	5.6	4.3	200	35
OME949	X	17	370	355	7.1	5.7	216	37.8
OME950	X	16	300	300	8.5	4.1	540	95
OME951		15	290	290	8.5	3.6	440	77
OME952	X	12	345	345	11.0	2.5	140	24.5
OME953	X	16	285	285	8.5	4.3	540	94.5
OME954	X	12	340	340	8.5	2.2	180	31.5
OME955		13	350	350	10.0	3.1	200	35
OME956	X	16	330	330	8.5	2.8	500	88
OME959	X	16	310	310	8.5	4.1	540	94.5
OME960		15	300	300	8.5	3.7	440	77
OME961		13	340	340	10.0	3.0	200	35
OME962	X	16	320	320	8.5	4.1	540	95

cont.

SPECIFICATIONS

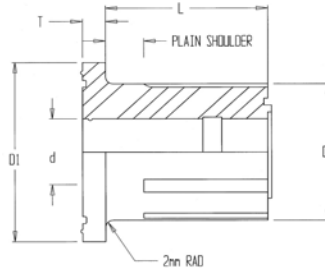
COIL SPRINGS

Spring Number	X5K Steel	Bar Dia. mm	Free Height mm		Number Of Coils	Coil weight Kg	Spring Rate	
			A	B			lbf / in	N / mm
OME963	X	11.5	350	350	10.0	2.4	146	25.6
OME965	X	11.5	365	365	10.0	2.4	146	25.6
OME966	X	12	335	315	9.0	2.4	176	30.8
OME967	X	12	325	325	9.0	2.4	176	30.8
OME968		14	370	370	9.4	4.0	210	36.8
OME969	X	12	360	360	9.5	3.0	170	29.8
OME970	X	18	395	385	8.0	6.9	320	56
OME971	X	17	405	395	6.7	4.5	320	56
OME972	X	16	400	385	6.5	4.5	250	44
OME972E	X	16	404	404	6.5	4.5	250	44
OME973	X	16	415	400	6.5	4.5	250	44
OME974	X	16	385	370	6.5	4.5	250	44
OME974E	X	16	385	385	6.5	5.1	250	44
OME975	X	16	425	410	7.4	4.9	220	38.5
OME976	X	16	440	425	7.2	10.0	220	38.5
OME980		19	490	470	9.0	10.1	250 - 370	43.9 - 64.9
OME981		21	480	460	9.0	11.2	300 - 440	52.6 - 77.2
OME982		19	470	450	9.0	10.1	250 - 370	43.9 - 64.9
OME983	X	20	480	455	9.0	11.0	300 - 400	52.6 - 70
OME984	X	21	480	455	9.0	12.3	360 450	63 - 79
OME985	X	21	480	460	7.0	12.5	470	82.3
OME990	X	18	385	385	8.9	5.7	530	92.8
OME991	X	19	365	365	8.9	7.1	630	110.3
OME992	X	17	355	345	7.1	5.9	240	42
OME993		18	345	335	6.6	6.1	280	49
OME994	X	21	335	325	7.3	8.4	700/900	125.3/157.6
OMEGQ02A		18	465	465	9.0	9.2	200	35
OMEGQ02AM		19	505	490	10.0	8.9	220 - 240	38.5 - 42
OMEGQ02B		19	445	445	9.0	10.3	250 - 280	44 - 49
OMEGQ02C		18	480	465	9.0	8.9	200	35
OMEGQ02CM	X	17	485	470	9.0	7.9	170 - 190	30 - 33
OMEGQ02D		18	480	480	9.0	9.2	200	35
OMEGQ02G		19	475	460	9.0	10.0	220 - 350	38.5 - 61
OMEGQ02J	X	20	480	465	9.0	11.2	280 - 310	49 - 58
OMEGQ02LP		19	475	445	9.0	10.0	250 - 280	44 - 49

X5K MICRO-ALLOYED SPRING STEEL is a new generation high strength spring steel grade designed to withstand higher operating stresses with superior resistance to sag and improved toughness and corrosion fatigue properties. These properties are enhanced by additions of Silicon, Chromium, Vanadium Nickel along with lower Carbon than conventional spring steel grades.

SPECIFICATIONS

OLD MAN EMU POLYURETHANE SPRING BUSH DIMENSIONS



Dimensions						
Part No.	D1	D2	d	T	L	Number of Splines
PT229	32.0	24.9	15.0	4.5	35.0	9
PT230	32.0	24.9	15.0	3.0	35.0	9
PT231	36.0	30.0	18.0	3.6	30.0	9
PT231A	38.0	30.0	18.0	4.0	35.0	9
PT240	36.0	30.0	18.0	4.0	48.0	9
PT260	45.0	35.0	18.0	5.5	35.0	11
PT261	45.0	35.0	15.0	4.0	35.0	9
PT270	50.0	40.0	18.0	5.4	35.0	13
PT280	44.0	32.7	18.0	5.2	43.0	11
PT281	44.0	32.7	18.0	4.5	30.0	11
PT282	52.0	40.0	18.0	4.4	30.0	13
PT283	44.0	32.7	18.0	5.8	28.5	13
PT284	32.7	None	16.0	None	57.5	0
PT285	32.7	None	22.0	None	60.0	0
PT290	45.0	31.5	18.0	4.4	35.0	11
PT291	40.0	28.0	16.0	5.0	44.0	9
PT292	40.0	27.5	16.0	4.2	34.0	9
PT293	45.0	31.5	14.0	4.4	34.0	11
PT301	50.0	40.0	16.0	6.9	25.0	13
PT302	40.0	30.0	13.0	4.4	25.0	9
PT303	40.0	29.5	13.0	4.4	24.5	0
PT304	52.0	40.0	19.0	4.0	30.0	9
PT305	43.0	31.5	19.0	5.5	35.0	0
PT306	44.0	31.4	18.1	6.0	30.0	9
PT307	50.0	37.6	18.1	6.0	30.0	0
PT308	46.0	35.0	18.1	4.0	35.0	9
PT309	40.0	30.0	18.0	4.0	40.5	0
PT310	42.0	32.6	20.1	4.0	30.0	0
PT311	52.0	40.0	22.2	4.5	30.0	9
PT312	43.0	31.5	19.0	4.8	35.0	0
PT313	40.0	28.0	16.0	5.0	45.0	0
PT314	44.0	32.0	18.0	4.5	40.0	0
PT315	40.0	32.7	22.2	4.0	30.0	9
PT316	43.0	31.5	22.2	5.0	35.0	0
PT317	52.0	39.8	18.0	6.0	43.5	9
PT318	52.0	39.8	20.0	8.0	35.5	9
PT319	52.0	40.0	18.0	9.5	35.5	9
PT320	44.0	31.8	18.0	6.5	31.5	9
PT321	44.0	31.8	18.0	4.3	32.7	9
PT322	40.0	32.0	18.0	4.0	45.5	9
PT323	40.0	30.0	18.0	4.5	35.5	9
PT324	42.0	33.0	19.0	4.0	30.0	9
PT325	42.0	33.0	19.0	4.0	44.5	9
PT326	42.0	33.0	20.1	4.0	30.0	9
PT328	39.0	30.0	19.0	4.0	30.0	9
PT329	39.0	30.0	19.0	4.0	44.5	9
PT330	54.0	39.5	19.0	6.0	30.0	9
PT331	42.0	33.0	20.1	4.0	44.5	9

APPLICATIONS

NUMERICAL SPRING & SHOCK BUSH

Kit No.	Component Description	Qty	To Fit
OMESB1	spring bush PT260	6	Toyota 35mm spring eye, 18mm pin OE & OME Series F/H/B, J/ZJ: 75, 74, 73, 70, 60, 47, 45, 42, 40 Nissan GQ Patrol leaf spring models OME only
OMESB2	spring bush PT280	2	Nissan MQ Patrol all models - rear OE spring
	spring bush PT281	2	
OMESB3	spring bush PT282	2	Nissan MQ Patrol round headlight models-front OE spring eye
OMESB4	spring bush PT230	4	OBSOLETE
	spring bush PT229	2	
OMESB5	spring bush PT240	2	Toyota HiLux all models (except IFS front)
	spring bush PT231	4	
OMESB6	spring bush PT231	6	Toyota HiLux all models (except SR5 & extra cab rear)
OMESB7	spring bush PT231A	6	Toyota FJ55 all models front & rear, 45 Series Rear only OE springs 30mm eye
OMESB8	spring bush PT290	2	Mitsubishi Pajero leaf spring models & L200 models
	spring bush PT291	2	
	spring bush PT292	2	
OMEB9	shock bush SP1178 / 19	4	Small eye bush with 19mm bore
OMEB10	shock bush SP056 (cotton reel type)	2	Small eye shock mount
OMEB11	shock bush OME066 / 16	4	Converts large eye 19mm bore to a 16mm bore
OMEB12	shock bush SP092	4	Pin 12 x 60 replacement bush
OMEB13	shock bush SP091	4	Pin 10 x 60 replacement bush
OMEB14	shock bush OME1178 / 16	4	Small eye with 16mm bore
OMEB15	shock bush OME066 / 19	4	Large eye with 19mm bore
OMESB16	spring bush PT270	6	40mm spring eye for Toyota 75 series rear springs
OMEB17	shock bush OME066 / 22	2	Large eye tapered bush with sleeve
	sleeve B17S 22 x 16 x 33	2	
OMEB18	shock bush OME1178 / 19	2	Converts small eye bush to suit 19mm bore with sleeves
	sleeve B16S 19 x 16 x 33	2	
OMESB19	spring bush PT301	2	Suzuki Sierra all models except LJ50 front & rear springs
	spring bush PT302	4	
	sleeve B19S 16 x 13 x 65	1	
OMESB20	spring bush PT229	6	Toyota LandCruiser 40 series 25mm OE spring front & rear. Toyota 45 series OE front spring only 25mm eye.
OMESB21	spring bush PT260	2	LandCruiser 40 series OE 35mm spring eye when ES01 extended shackles fitted
	spring bush PT261	4	
OMESB25	spring bush PT301	2	Suzuki LJ50 front & rear
	spring bush PT302	2	
	spring bush PT303	2	
	sleeve 16 x 13 x 65	1	
OMEB27	sleeve 16 x 13.2 x 33	2	N41 & N81 being converted for fitment to CJ Jeep and Cherokee wagon 83 on front bottom mount. Mahindra front & rear bottom mount.
OMESB28	spring bush PT284	2	Nissan MQ Patrol early model (round headlights) - front spring, front eye (to be fitted with OMESB29)
OMESB29	spring bush PT285 & sleeve	1	Nissan MQ Patrol all models - front spring, rear eye (to be fitted with OMESB28)

cont.

APPLICATIONS

NUMERICAL SPRING & SHOCK BUSH

Kit No.	Component Description	Qty	To Fit
OMESB30	spring bush PT261	4	Toyota LandCruiser 45/47 series front spring with 35mm spring eye and hanger bracket with 15mm pin hole
	spring bush PT229	2	
OMESB31	spring bush PT283	2	Nissan MQ Patrol late model (square headlights) - front spring, front eye (to be fitted with OMESB29)
OMEB36	shock bush OME066 / 19	2	large eye 19mm bore
OMESB38	spring bush PT292	2	All Triton to 1997 and L200 - rear - suits OME springs only
	spring bush PT291	2	
	spring bush PT305	2	
	sleeve 19 x 14.2 x 81	1	
OMEB40	shock bush OME 066-19MGQ	2	N101, N22F & N29 Patrol GQ lower mount - rear shock
OMEB42	shock bush 305IY	8	pin 14 x 70 replacement
OMESB43	spring bush PT304	2	Toyota HiLux IFS extra cab & SR5 dual cab models being fitted with OME18 series spring
	spring bush PT309	2	
	spring bush PT231	2	
	sleeve 19 x 14.1 x 68	1	
OMESB57	spring bush PT306	4	Jeep Wrangler - front & rear to suit OE shackles
	spring bush PT307	2	
	sleeve 19 x 15 x 73	1	
OMESB64	PT270 spring bush	4	Nissan Patrol GQ leaf spring cab chassis OME spring - rear
	PT260 spring bush	2	
OMESB75	spring bush LA118	2	Land Rover series III 88" & 109" spring & shackle bushes OE replacement - front
	spring bush LA119	4	
	sleeve 19 x 14.3 x 91	1	
	sleeve 19 x 15 x 70	2	
OMESB76	spring bush LA119	6	Land Rover series III 88" & 109" spring & shackle bushes OE replacement - rear
	sleeve 19 x 15 x 70	3	
OMESB77	shock bush LRR010	4	Land Rover series III 88" & 109" lower shock bush- rear
OMEB78	steering stabiliser bush Y2375	4	Pin 10 x 60mm steering stabiliser mount
OMESB79	spring bush PT308	4	LandCruiser F/HJ45, 47 LWB models - OME spring
	spring bush PT231A	2	
OMESB80	spring bush PT304	2	Holden / Isuzu Rodeo 1 tonne rear spring to suit OE & OME springs
	spring bush PT231	4	
	sleeve 19 x 14 x 68	1	
OMESB81	spring bush PT310	4	Nissan Navara 1 tonne rear spring to suit OE & OME springs
	spring bush PT311	2	
	sleeve 22 x 18 x 70	1	
OMESB82	spring bush PT281	2	Mazda / Ford 1 Tonne 4x4 1987 on rear spring OE & OME
	spring bush PT314	2	
	spring bush PT315	2	
	sleeve 22 x 17 x 68	1	
OMESB83	spring bush PT291	2	Mitsubishi Challenger / Montero rear spring to suit OME19 only
	spring bush PT292	2	
	spring bush PT316	2	
	sleeve 22 x 16 x 80	1	
OMESB84	spring bush PT317	2	Toyota LandCruiser 79 Series cab chassis & utility model only suit OME springs only
	spring bush PT318	4	
	sleeve 20 x 14 x 86	2	

cont.

APPLICATIONS

NUMERICAL SPRING & SHOCK BUSH

Kit No.	Component Description	Qty	To Fit
OMESB85	spring bush PT270	4	Toyota LandCruiser 78 & 79 Series must be used with OME springs & greasable shackle kit only
	spring bush PT317	2	
OMESB86	spring bush PT327	2	Toyota LandCruiser 76 & 78 Series Rear suit OME springs with OE shackles.
	spring bush PT318	2	
	spring bush PT319	2	
	sleeve 20 x 14 x 86	1	
OMESB87	spring bush PT307	2	Jeep YJ Wrangler front and rear Use only with greasable shackle OMEGS11
	spring bush PT320	2	
	spring bush PT321	2	
	sleeve 19 x 15 x 73	1	
OMESB88	spring bush PT322	2	Toyota Tacoma rear shackle bushes only Use with OME springs
	spring bush PT323	2	
OMESB89	spring bush PT322	2	Toyota Tacoma rear shackle bushes for OEM shackles
	spring bush PT323	2	
	sleeve 18 x 14 x 69	1	
OMESB90	spring bush PT231	4	Holden/Isuzu Jackaroo Trooper 1982-92 rear OME spring
	spring bush PT282	2	
OMESB91	spring bush PT310	2	Nissan Navara D22 model - rear spring to suit OE & OME springs
	spring bush PT311	2	
	spring bush PT326	2	
	sleeve 22 x 18 x 70	1	
OMESB95	spring bush PT326	2	Nissan D40 Navara suits OE shackle kit only
	spring bush PT331	2	
OMESB96	spring bush PT324	2	Nissan D40 Navara suits OME greasable shackle kit only
	spring bush PT325	2	
OMESB97	spring bush PT281	2	Mazda BT50 / Ford Ranger 2006 on
	spring bush PT314	2	
	spring bush PT333	2	
	sleeve 191472	1	
OMESB98	spring bush PT328	2	Toyota HiLux 2005 on to suit OE & OME springs
	spring bush PT329	2	
	spring bush PT330	2	
	sleeve 19 x 14 x 72	1	

SPECIFICATIONS

STEERING STABILISERS

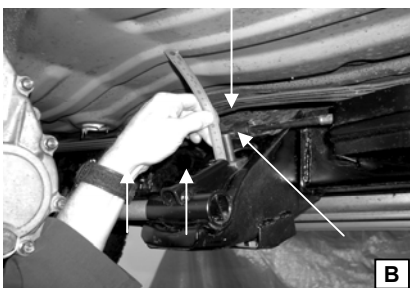
Part Number	Upper Mount Type (mm)	Lower Mount Type (mm)	Open Length (mm)	Closed Length (mm)	Mounting Kit No.	No. of Kits	OME Bush Kit
OMESD01	Eye with Bush	Eye with Bush	552	342	142995	1	
OMESD02	Eye with Bush & Sleeve	Eye with Bush & Sleeve	655	394	No Kit		
OMESD11	Pin 60 x 9.5	Pin 60 x 9.5	516	308	140276	1	
OMESD16	Pin 60 x 9.5	Pin 60 x 9.5	535	314	140276	1	
OMESD17	Eye with Bush	Eye with Bush	622	373	142387	1	
OMESD21	Pin 60 x 9.5	Eye with Bush	542	340	140504	1	
OMESD22	Eye with Bush	Eye with Bush	537	328	No Kit		OMEB14
OMESD23	Eye with Bush	Eye with Bush	454	316	142995	1	
OMESD24	Eye with Bush	Eye with Bush	651	417	142995	1	
OMESD30	Eye with Bush & Sleeve	Eye with Bush & Sleeve	448	290	No Kit		OMEB10 & B32
OMESD31	Eye with Bush & Sleeve	Eye with Bush & Sleeve	577	392	No Kit		OMEB10 & B32
OMESD32	Pin 60 x 9.5	Eye with Bush & Sleeve	680	440	500555	1	
OMESD33	Eye with Bush & Mounting Pin	Eye with Bush	611	364	140953	1	
OMESD34	Eye with Bush & Sleeve	Eye with Bush	575	347	No Kit		OMEB10 & B32
OMESD35	Eye with Bush & Sleeve	Eye with Bush & Sleeve	503	311	No Kit		
OMESD36	Pin 60 x 9.5	Pin 60 x 9.5	484	289	140276	1	
OMESD40	Eye with Bush	Eye with Bush & Sleeve	499	309	500498	1	
OMESD47	Eye with Bush	Eye with Bush	750	510	142995	1	

TORSION BAR FITTING HINTS



A

ADJUSTING BOLT



B



C



D

TORSION BAR REMOVAL

1. Before removing the original Torsion bars, the vehicle's front and rear rim to guard measurements must be taken and noted down, as per image A.

Image A: Ride height is measured from the bottom of the rim to the wheel arch vertically through the centre of the hub.

2. Using either a hoist or axle stands, raise the vehicle so that the front suspension is off the ground.
3. **Image B:** After cleaning and lubricating the two adjusting bolts, in the torsion bar anchor arms, measure and note the amount of thread protruding through the lock nut.
4. Using only hand tools loosen and remove the adjusting bolts.
5. Remove torsion bar and anchor arm assembly. Slide anchor arm and dust covers (if applicable) off the torsion bars.
6. Thoroughly clean the anchor arms, adjusting bolts and dust covers.

TORSION BAR INSTALLATION

7. **Image C:** As each OME torsion bar is preset they are marked (LH) and (RH) and because of this they must only be installed as marked.

As viewed from the driver's seat:

LH -to the left hand side.

RH -to the right hand side.

8. **Image D:** Where there is a master spline on the torsion bars (shown in white) on installation they must be aligned to the anchor arms. Where the torsion bars have the same spline sizes at each end, the torsion bar can be installed with either end to the front.
9. Slide the dust cover (if applicable) over the Old Man Emu torsion bars and apply grease to all splines and threads.
10. Install the torsion bar and align the anchor arm so the adjusting bolt is just protruding through the anchor nut. If required, the torsion bar can be rotated one spline at a time to adjust the position of the anchor arm.
11. Tighten the adjusting bolts so the same amount of thread, as noted in step 3, protrudes. Install dust covers.
12. Lower the vehicle back onto its wheels and drive a short distance to settle the front suspension.

TORSION BAR ADJUSTMENT

NB - All torsion bar adjustments must be done with the vehicle raised off the ground and the front suspension hanging. Do NOT adjust the torsion bars with the vehicle wheels on the ground.

- 13. Image E:** Park the vehicle on level ground and measure the vehicle's rim to guard measurements.
- 14.** Use the torsion bar anchor arm adjusting bolt to raise or lower the vehicle's ride height, also to trim the vehicle from side to side, to the desired height.

FRONT SUSPENSION DROOP CHECK

- 15.** To maintain good drive shaft, ball joint angles and to stop constant front suspension top out, it is important to check after adjusting the vehicle's ride height, that the vehicle has enough front wheel droop.

Generally, a vehicle must have a minimum of 50 to 70mm of downward wheel travel (droop)

- 16. Image E:** Front suspension droop is checked by taking the vehicle's front rim to guard measurement, while the wheels are on the ground and noting it down.

Image F: Then raise the front until the wheels are off the ground and take another rim to guard measurement and note it down.

By subtracting the E image measurement from the F image measurement, the amount of droop will be obtained. Carry out any adjustment that may be required.

- 17.** All vehicles will require a headlight, front end alignment, and tyre pressure check after the fitment of new torsion bars.



OLD MAN EMU
4X4 SUSPENSION SPECIALISTS

STRUT CARTRIDGE FITMENT INSTRUCTIONS



Installation Procedure:

- 1 Using a hammer, tap the steel bump cap upward.
- 2 Remove and discard the bump cap.
- 3 Shown is the tube cutter used in these instructions. This tube cutter is available through ridgid tools (www.ridgid.com) Model No. 152. Catalog No. 31642. Capacity 1/4 - 2 5/8 (6-66mm).



- 4 Using the tube cutter, cut 20-25mm off the top of the strut tube as shown.
- 5 Remove the shaft assembly and discard.
- 6 Drain all the remaining oil from the strut tube.



- 7 Remove the paint from around the top of the strut using abrasive paper.
- 8 Thread the locking ring into the strut adaptor leaving a 3mm gap as shown.
- 9 Place the OME Cartridge into the strut tube.



- 10 Slide the adaptor and locking ring over the cartridge & strut tube.
- 11 Push the adaptor all the way down until the locking ring is resting on the cartridge.
- 12 Whilst holding down the adaptor, place 3 small tack welds evenly around the base of the adaptor.

STRUT CARTRIDGE FITMENT INSTRUCTIONS



13 Small tack weld shown



14 Remove the cartridge and locking ring



15 Place 3 evenly spaced 20 mm welds around the adaptor.

THIS OPERATION MUST BE DONE BY A COMPETENT WELDER



16 Welded adaptor shown.



17 Paint the adaptor and welds black.

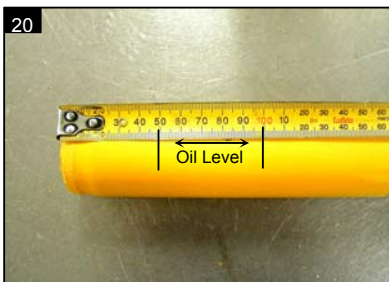


18 Add 15cc of oil to the strut tube.

Note: Oil type is not important. ie. Original oil, engine oil, gearbox oil.



19 Place the cartridge all the way into the strut then lift out to check oil level.



20 The oil level should be between 50 - 100mm up the cartridge.



21 After checking oil level; reinstall the cartridge by firmly tightening the locking ring.
The strut can now be reassembled and installed into the vehicle.

RECOMMENDED FITTING TIMES

COIL SPRINGS SYSTEMS

All Coil Spring Models (Except Land Rovers) Fitment of 4 Nitrochargers & 4 OME coil springs	2.0 hours
Land Rover All Coil Spring Models Fitment of all the above plus additional time to remove front shock absorber towers	2.5 hours
Torsion Bar Front with Rear Coil Suspension Fitment of 4 Nitrochargers, 2 OME coil springs & front torsion bar adjustment	2.0 hours
Coil Front with Rear Leaf Suspension Fitment of 4 Nitrochargers, 2 OME coil springs & 2 OME Leaf springs	3.5 hours
Coil Over Front Strut with Rear Coil Suspension Fitment of 2 Nitrochargers, 2 OME struts & 4 OME coil springs	3.0 hours
Coil over Front Strut with Leaf Rear Springs Fitment of 2 Nitrochargers, 2 Struts, 2 Coils & 2 Leaf Springs	4.0 hours

LEAF SPRING SYSTEMS

All Leaf spring Models (Except HiLux) Fitment of 4 Nitrochargers, 4 OME Leaf Springs, and U bolts and spring bushes as required	5.0 hours
Toyota HiLux All Leaf Spring Models Fitment of all the above plus additional work required to strengthen front spring seat mount	6.0 hours
Front Torsion Bar with Rear Leaf Spring Models Fitment of 4 Nitrochargers, 2 OME rear leaf springs, U bolts, spring bushes and front torsion bar adjustment	3.0 hours

CARTRIDGE REPLACEMENT

Additional work required to install cartridge per strut	0.5 hours
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TORSION BARS

Remove and replace a set of Bars (no removal complications)	1.5 hours
Remove and replace a set of Bars (removal complications eg. OE splines corroded)	2.5 hours

MISCELLANEOUS

Caster kits	2.0 hours
Steering stabilisers	0.5 hours
Greasable shackles (complete vehicle set)	2.0 hours

FRONT END WHEEL ALIGNMENT ADJUSTMENTS

Price
Live axle front end
Independent Front End

The above fitting times are only a guide, and additional time may be involved due to vehicle modifications or pre-existing accessories which can interfere with the fitment of the suspension.