



**Bearthmach**

Land Rover Parts & Accessories

*Leading Suppliers of Every Part  
Suitable for Every Land Rover*

# HEAVY DUTY SUSPENSION

ESSENTIAL PARTS  
TO PREPARE ANY  
LAND ROVER  
FOR EXTREME  
OFF-ROAD  
PERFORMANCE



**SERIES 2A&3  
DEFENDER  
DISCOVERY  
FREELANDER  
RANGE ROVER**



AVAILABLE FROM ALL THE BEST 4 X 4 SHOPS

# TUFFBACK

## GAS SHOCK ABSORBERS

CONQUERING THE  
ROUGHEST TERRAIN

Introducing Bearnach's own range of TuffBack Gas Shock Absorbers, designed in the Australian outback to offer superior performance and durability. With increased capacity to help with cooling on prolonged use and has the option of extended length. These shock absorbers offer **Excellent Value For money.**



- ◆ Designed for Extreme Off-Road Driving
- ◆ Specified to perform in the World's toughest environments
- ◆ High Temperature Oil Seals
- ◆ Heavy-Duty Twin Tube Construction
- ◆ Fully Welded Mounts
- ◆ Long Travel Design
- ◆ 2 Year / 40,000 Mile Warranty

	TuffBack - Gas H/Duty To suit up to 50mm lift		TuffBack - Gas H/Duty To suit up to 100mm lift	
	Front	Rear	Front	Rear
Defender to 98 Defender 98 on	BA 2502 BA 2510	BA 2503 BA 2511	BA 2514 BA 2524	BA 2515 BA 2525
Discovery 89-94 Discovery 94 On Discovery 2	BA 2502 BA 2510 BA 2500	BA 2503 BA 2511 BA 2501	BA 2514 BA 2524	BA 2515 BA 2525
Range Rover to 89 Range Rover 89-94 Range Rover 94 on	BA 2532 BA 2502 BA 2510	BA 2533 BA 2503 BA 2511	BA 2514 BA 2524	BA 2515 BA 2525
P38 Range Rover	BA 2540	BA 2541		

# HEAVY DUTY SPRINGS

**Bearmach's** famous heavy duty "Blue Springs" are the ideal solution for those Land Rover owners who are seeking to improve their vehicle's load carrying capacity. Sold in pairs.



PART NO	POSITION	VEHICLE	HEIGHT INCREASE	RATE	WIRE	HEIGHT
<b>BA 2100</b>	Rear	<b>110 / 130</b>	40mm	510 Lbs	22mm	410mm
<b>BA 2100B</b>	Rear	<b>110</b>	40mm	420 Lbs	21mm	420mm
<b>BA 2101</b>	Front	<b>Def 90 / 110</b>	45mm	255 Lbs	17mm	380mm
<b>BA 2102</b>	Rear	<b>Def 90 / Disco / RR</b>	40mm	295 Lbs	18mm	445mm
<b>BA 2103</b>	Rear	<b>Def 90 / RR / Dis / Dis2</b>	20mm	240 Lbs	17mm	413mm
<b>BA 2104</b>	Front	<b>RR / Dis / Dis2</b>	30mm	195 Lbs	16mm	394mm
<b>BA 2105</b>	Rear	<b>Disco</b>	0mm	194 Lbs	16mm	438mm
<b>BA 2106</b>	Front	<b>RR / Disco</b>	0mm	196 Lbs	16mm	368mm
<b>BA 2107</b>	Rear	<b>RR</b>	0mm	195.5 Lbs	16mm	413mm

## +2" SPRINGS for Off-Road Use

+2" springs to fit standard vehicle but intended for off-road use only (NOT for towing or load carrying).

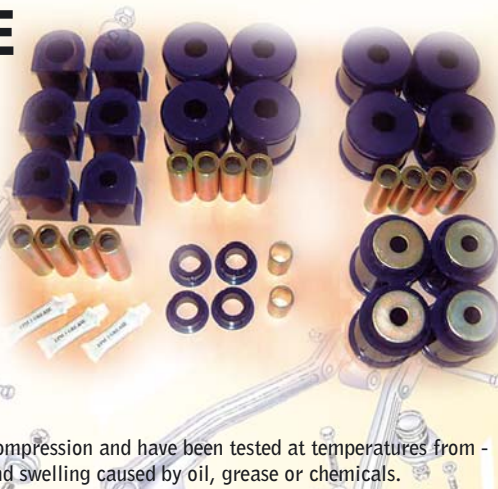
BM No.	Position	Vehicle	LR No	Rate	Height Increase
<b>BA 2251</b>	Front	<b>Def</b>	NRC9447+50	175Lbs	50mm
<b>BA 2252</b>	Rear	<b>Def 90</b>	NRC9448+50	225Lbs	50mm
<b>BA 2253</b>	Rear	<b>Def 110</b>	NRC6338/9+50	330Lbs	50mm
<b>BA 2254</b>	Front	<b>Disco 89-98</b>	ANR 1975+50	149Lbs	50mm
<b>BA 2255</b>	Rear	<b>Disco 89-98</b>	ANR3477+50	207Lbs	50mm
<b>BA 2231</b>	Front	<b>Dis2</b>		208Lbs	45mm
<b>BA 2232</b>	Rear	<b>Dis2</b>		295Lbs	45mm
<b>BA 2256</b>	Front	<b>RR Classic</b>	572315+50	133Lbs	50mm
<b>BA 2257</b>	Rear	<b>RR Classic</b>	NRC2119+50	150Lbs	50mm

# POLYURETHANE BUSH KITS

The fitment of Bearmach Polyurethane Bushes has been developed to give more positive location at pivot or fulcrum points. These suspension components are particularly recommended if you regularly tow or carry heavy loads.

Polyurethane Bushes have been taking over the automotive suspension industry. The urethane elastomers used have the versatility and elasticity of rubber yet with the advantages of rigid plastics and metals.

These bushes have a high capacity to bear tension and compression and have been tested at temperatures from -100°C to +100°C. They are resistant to deterioration and swelling caused by oil, grease or chemicals.



BM Ref No	Description	To suit Vehicle
<b>BA 2073</b>	P-U BUSH KIT	Land Rover 109" Series 3
<b>BA 2073A</b>	P-U BUSH KIT	Land Rover 88" Series 3
<b>BA 2071</b>	P-U BUSH KIT	Defender from 1995
<b>BA 2071A</b>	P-U BUSH KIT	Defender from 2002 on
<b>BA 2072</b>	P-U BUSH KIT	Land Rover 90 / 110 up to 1995

<b>BA 2071</b>	P-U BUSH KIT	Disco from 1986-1999
<b>BA 2075</b>	P-U BUSH KIT	Discovery 2 1999-2004

<b>BFA 6001</b>	P-U BUSH KIT	Freelander
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<b>BA 2070</b>	P-U BUSH KIT	Range Rover up to 1986
<b>BA 2071</b>	P-U BUSH KIT	Range Rover 1994
<b>BA 2074</b>	P-U BUSH KIT	Range Rover P38

<b>BR 0695P</b>	P-U Bush Shock Absorber	All Models
<b>BR 1083P</b>	P-U Bush Shock Absorber	All Models
<b>BSC 075P</b>	P-U Bush Spring Bush	Series
<b>BSC 089P</b>	P-U Bush Chassis	Series 88"
<b>BSC 204P</b>	P-U Bush Chassis	Series 109"
<b>ANR1721P</b>	P-U Bush Bottom Rear	Defender 98 on / DIS 94 on
<b>BR 1754P</b>	P-U Bush Top Rear	All models

**ALL BUSHES AVAILABLE SEPARATELY PHONE FOR DETAILS**



		LR Equivalent
<b>BFM 236P</b>	P-U Bush Bump Stop	ANR4188
<b>BFM 237P</b>	P-U Bush Bump Stop	ANR4189
<b>BFM 237PE</b>	P-U Bush Bump Stop suits front and rear (extended)	
<b>BR 0374P</b>	P-U Bush D Bush	NTC7394
<b>BR 0388P</b>	P-U Bush D Bush	NTC6828

To suit vehicle
DEF / DIS
DEF / DIS
DEF / DIS / RR
DEF / DIS
DEF / DIS
Def 2002MY on / Dis 2 / RR P38

<b>RBX101340P</b>	P-U Bush Panhard Rod Bush
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## CASTER BUSH KITS

Caster bushes allow the axles to remain in their original positions when raising the vehicle (i.e. prevents them twisting). They fit into the radius arms to minimise any stress on steering components.

<b>BSC 202PC</b>	Caster Bush Kit	Def up to 94 / RR Classic up to 85
<b>BSC 206PC</b>	Caster Bush Kit	Def 94 on / Disco / RR Classic from 85
<b>RBX101680PC</b>	Caster Bush Kit	Disco 2

# OTHER SUSPENSION MODS



## SUSPENSION MODS

Ref No	Description	Vehicle
<b>BA 3655</b>	Cranked Rear Trailing Arm For use with suspension lifts. Includes rear polyurethane bushes.	Def / Disco / RR Classic 86 on
<b>BA 3659</b>	Laminate Chassis Plates Welded to existing chassis for increased strength.	Disco / RR Classic

## RADIUS ARMS

The following Radius Arms are for improved off-road use. Available in standard, 3° or 6° camber correction – for use with lift kits. Bushes not included

<b>BA 3670</b>	Front Radius Arm Std Wide	Def / Disco / RR Classic
<b>BA 3671</b>	Front Radius Arm 3° Wide	Def / Disco / RR Classic
<b>BA 3671R</b>	Replacement version of above	
<b>BA 3672</b>	Front Radius Arm 6° Wide	Def / Disco / RR Classic
<b>BA 3673</b>	Front Radius Arm Std Narrow	RR Classic up to 86
<b>BA 3674</b>	Front Radius Arm 3° Narrow	RR Classic up to 86
<b>BA 3675</b>	Front Radius Arm 6° Narrow	RR Classic up to 86

## HEAVY DUTY ADJUSTABLE PANHARD ROD

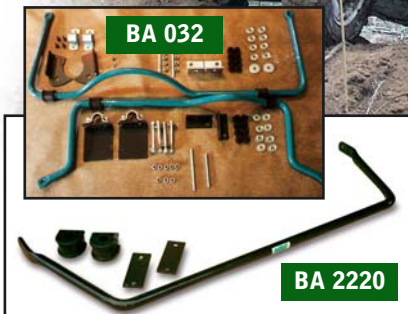
Heavy duty, adjustable panhard rod designed to correct axle position when vehicle has had a suspension lift.

Part No	OE No.	Vehicle
<b>BA 3666</b>	NRC9729	Defender / RHD Disco I / RR Classic
<b>BA 3668</b>	RBI100040	RHD Disco II to 3A
<b>BA 3667</b>	RBI100030	LHD Disco II to 3A
<b>BA 3669</b>	RBI100090	RHD Disco II 3A to 4A
<b>BA 3665</b>	RBI000100	LHD Disco II 3A to 4A

## REAR ROSE JOINT SUSPENSION ARM

For maximum axle articulation these rose jointed trailing arms are the latest products. Supplied with boots for maximum protection against mud and the elements. Will fit existing axle and chassis without further modification.

<b>BA 3676</b>	Rear Rose Joint Suspension arm	Def / Disco / RR Classic
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Ref No	Description	Vehicle
<b>REAR SHOCK DROPPER</b>		
For lifted vehicles using standard shock absorbers to gain extra axle travel with minimum alterations.		
<b>BA 3656</b>	Rear Shock Dropper	Def / Disco / RR Classic
<b>DISLOCATION CONES</b>		
<b>BA 3653</b>	Rear pair of Dislocation Cones	Def 110 / RR Classic
<b>BA 3650</b>	Front pair of Dislocation Cones	Def / Disco
<b>BA 3651</b>	Rear pair of Dislocation Cones	Def / Disco
<b>BA 3652</b>	Front Spring Retainer Plate (Each)	Def / Disco
<b>NTC6106</b>	Rear Spring Retainer Plate (Each)	Def / Disco
<b>LIFT KITS</b>		
<b>BA 3660</b>	Body Lift Kit +2"	Disco / RR Classic
All the hardware required to achieve a true 2" Body Lift.		
<b>BA 3661</b>	Suspension Lift Kit +2"	Disco / RR Classic
Includes spring spacers, brake lines and all necessary hardware.		
<b>BA 2225</b>	+2 inch Lift Kit. Use with BFA 6002 Camber Pins	Freelander
<b>BFA 6002</b>	Camber Pins. Alters camber of wheels when raising or lowering the vehicle.	Freelander
<b>ANTI ROLL BARS</b>		
Combine heavy duty springs with our range of special suspension components below.		
<b>BA 032</b>	Anti Roll Bars, Front	Def / Disco / RR Classic
<b>BA 034A</b>	Anti Roll Bars, Rear	Def / Disco / RR Classic
<b>BA 032D</b>	Spare D Bush Front Set 2 pieces	Def / Disco / RR Classic
<b>BA 034D</b>	Spare D Bush Rear Set 2 pieces	Def / Disco / RR Classic
<b>BA 032L</b>	Spare Link Bush Set 8 pieces	Def / Disco / RR Classic
<b>BA 2220</b>	Replacement Rear Anti-Roll Bar (Heavy Duty)	Def 110 94-98 / Def 90 94 on / Disco / RR Classic

# ADVANCED SUSPENSION AIDS



## SHOCK ABSORBER BRACKETS

Single shocks have been known to "pop off the top" during extreme off-road conditions. Replace them with twin shocks to split the resistant force between them and you'll get better dampening and more level load carrying ability on road or off. With these Twin Shock Towers installed, you won't have to remove your shock towers to replace your shocks. Heavy duty steel pre-drilled to match your vehicle's configuration. Fronts are bolt-on, rears require welding.

- |                |  |                          |
|----------------|--|--------------------------|
| <b>BA 2156</b> | Single front Tubular Galvanised Shock Tower<br>(replaces conical turret) | Def / Disco / RR Classic |
| <b>BA 2157</b> | Twin Shock Mount Front   | Def / Disco / RR Classic |
| <b>BA 2158</b> | Twin Shock Mount Rear  | Def                      |
| <b>BA 2159</b> | Twin Shock Mount Rear  | Disco (not Dis2)         |
| <b>BA 2162</b> | Twin Shock Mount Rear  | RR Classic               |

*When fitting to ABS vehicles a certain amount of modification will be required to move the ABS pump and pipes.*



## AIR ADJUSTABLE SUSPENSION AID

Designed to fit inside your rear coil springs. Can be inflated to a maximum of 25psi to maintain the vehicle's carrying capacity without spring sag. No need for expensive spring mods. Kit contains PolyAir cells, inflation line, and cell seats. Ideal for towing and eliminates body roll.

- |                 |  |
|-----------------|--|
| <b>BA 2163</b>  | Air Suspension Aid to suit Def 90 / Disco / RR Classic |
| <b>BA 2164</b>  | Air Suspension Aid to suit Defender 110                |
| <b>BA 2163A</b> | Compressor Kit to suit above                           |

Vehicle mounted to enable you to inflate or deflate the air springs. Complete with all pipes, low pressure switch etc.



## AIR TO COIL SPRING CONVERSION

Complete Kits to convert the air suspension to coil spring configuration. The kit is supplied with springs and all necessary fittings. Please note Diagnostic equipment is required to change the ECU from AIR to COIL on BA 2230.

- |                |                                    |            |
|----------------|------------------------------------|------------|
| <b>BA 2226</b> | Rear air to coil spring conversion | RR Classic |
| <b>BA 2227</b> | Rear air to coil spring conversion | P38 RR     |
| <b>BA 2230</b> | Rear air to coil spring conversion | Disco 2    |

# FAMOUS SHOCK ABSORBERS

*Bearmach also supplies a wide range of famous-name Shock Absorbers suitable for all Land Rovers as well as other essential equipment for power off-roading. Check for availability at your local Bearmach stockist.*



**Don't forget - Bearmach offers the most comprehensive range of parts for EVERY Land Rover. So if you want to prepare your vehicle for the roughest terrain - contact your nearest Bearmach stockist for ALL your Land Rover needs.**



Your local stockist is



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