



DEFENDER 90 & 110

LAND ROVER

ARB DELUXE BULL BARS & WINCH BARS

Year	Type	Features	Winches	Part No.
1993-97	Winch Bar D90	Recessed Indicators, Tow Points, Black	M12000, XD9000 ²	3432090
1993-97	Winch Bar D110	Recessed Indicators, Tow Points, Black	M12000, XD9000 ²	3432160

² Requires spacer kit - part no. 3532050 to mount 8/9000lb winches in this bar

IPF LIGHTS & LIGHTING ACCESSORIES

Year	Type	Recommended Lighting
1993-97	3432090	800XSD, 900XS, 900HID, 868CS, 968CSG

SAFARI SNORKELS

Year	Recommended Snorkel	Part No.
1990-94	D90 200 series 2.5L TDI diesel LHS mount	SS500HF
	D90 200 series 3.5L V8 petrol RHS mount	SS525HF
3/1994-on	D90 300 series 2.5L TDI diesel RHS mount	SS550HF
1999-on	D90 TD5 2.5 TDI Diesel Right Hand Drive Only	SS575HFABS
1999-on	D90 TD5 2.5 TDI Diesel Left Hand Drive Only	SS575HF-LHD

Refer to www.safari4x4.com.au for details.

OLD MAN EMU SUSPENSION PRODUCTS

Model	Location	Description	Type	Lift	Quantity	Part No.		
110	Front	Stock/Light Load (0-110lbs)	Spring	1.25"	2	OME761		
		Nitrocharger Sport	Shock		2	60037		
		Nitrocharger	Shock		2	N45F		
		Heavy Load (110-220lbs)	Spring	1.50"	2	OME767		
		Nitrocharger Sport	Shock		2	60037		
		Nitrocharger	Shock		2	N115		
		Heavy Constant (220-350lbs)	Spring	1.25"	2	OME766		
		Nitrocharger Sport	Shock		2	60037		
		Nitrocharger	Shock		2	N115		
		110	Rear	Light Load (0lbs to GVW)	Spring	1.50"	2	OME752 ¹
				Nitrocharger Sport	Shock		2	60038
				Nitrocharger	Shock		2	*N46/N27
				Constant Load (660lbs to GVW)	Spring	2.0"	2	OME755
				Nitrocharger Sport	Shock		2	60039
Nitrocharger	Shock				2	N44		
Heavy Constant (1,100lbs to GVW)	Spring			1.50"	2	OME754 ²		
Nitrocharger Sport	Shock				2	60039		
Nitrocharger	Shock				2	N44		
110	Installation			Caster Kit			1	CALR ³
		Steering Damper			1	OMESD32		
	Optional	Front LTR Shocks			2	LTR05F ⁴		
		Rear LTR Shocks			2	LTR05R ⁴		

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OLD MAN EMU SUSPENSION PRODUCTS...continued

<u>Model</u>	<u>Location</u>	<u>Description</u>	<u>Type</u>	<u>Lift</u>	<u>Quantity</u>	<u>Part No.</u>
90	Front	Stock/Light Load (0-110lbs)	Spring	1.25"	2	OME761
		Nitrocharger Sport	Shock		2	60037
		Nitrocharger	Shock		2	N45F
		Heavy Load (110-220lbs)	Spring	1.25"	2	OME751
		Nitrocharger Sport	Shock		2	60037
		Nitrocharger	Shock		2	N115
90	Rear	Medium Load (0lbs to GVW)	Spring	1.50"	2	OME764
		Nitrocharger Sport	Shock		2	60038
		Nitrocharger	Shock		2	*N46/N27
		Heavy Constant (440lbs to GVW)	Spring	2.0"	2	OME762
		Nitrocharger Sport	Shock		2	60039
		Nitrocharger	Shock		2	*N44/N46
90	Installation	Caster Kit			1	CAI R ³
		Steering Damper			1	OMESD32
	Optional	Front LTR Shocks			2	ITR05E ⁴
		Rear LTR Shocks			2	ITR05R ⁴

¹ OME752 coil has a softer spring rate than OE coil. This is to provide improved ride quality with light loads only.

² Where original springs have an inner helper coil, be sure to refit helper coil when installing OME coils.

³ Caster kit will increase caster angle by 2 degrees. Check manufacturer's specifications to determine if caster kit is required. CALR1 suits 38mm wide "A" arms. CALR2 suits 44mm wide "A" arms.

⁴ LTR Remote Reservoir shock absorbers are for competition use and require regular maintenance.

* Firmer shocks.

ARB AIR LOCKER LOCKING DIFFERENTIALS & ACCESSORIES

<u>Year</u>	<u>Axle</u>	<u>Description</u>	<u>Shaft</u>	<u>Spline</u>	<u>Ratio</u>	<u>Part No.</u>
1983-93	Front	110 Rover Type	28.2 (1.11")	10	3.54	RD127 ¹
1993 on			31.5 (1.24)	24	3.54	RD128 ¹
1983 on	Rear	110 Salisbury Type	31.5 (1.24")	24	3.54	RD20
2002 on			110 Rover Type w/ Traction Control	31.5 (1.24")	24	3.54

ARB AIR LOCKER LOCKING DIFFERENTIALS & ACCESSORIES

<u>Year</u>	<u>Axle</u>	<u>Description</u>	<u>Shaft</u>	<u>Spline</u>	<u>Ratio</u>	<u>Part No.</u>	
1984-93	Front	90 Rover Type	28.2 (1.11")	10	3.54	RD127 ¹	
1993 on			31.5 (1.24")	24	3.54	RD128 ^{1,2}	
1983-93	Rear	90 Rover Type, 4 cyl, Petrol/Diesel	28.2(1.11")	10	3.54	RD127 ¹	
To 1993			Rover type, V8 petrol engine	31.5 (1.24")	24	3.54	RD128 ¹
1993 on			90 Rover Type	31.5 (1.24")	24	3.54	RD128 ^{1, 2, 4}
2002 on		90 Rover Type w/ Traction Control	31.5 (1.24")	24	3.54	RD138 ^{3, 4}	

¹ If vehicle was manufactured during 1993, check spline count.

² Some vehicles may have crown wheel bolts which cannot be reused and must be replaced.

³ Some vehicles without traction control also use RD138. Identify by 205mm (8.07") flange dia.

⁴ If ring gear flange is 8.0" OD use RD138 or if ring gear flange is 6.85" OD use RD128

THULE ROOF RACK SYSTEM TO SUIT ARB ROOFTOP TENT

<u>Year</u>	<u>Model</u>	<u>Description</u>	<u>Part No.</u>
1995-97	Defender 110	Thule roof rack system to suit ARB Rooftop Tent	TBA