

**Front Drive Axle/Differential -**

<b>Front axle</b>	
Type	Spiral bevel, enclosed constant velocity joints, fully floating shafts
Ratio	3.54:1
Angularity of universal joint on full lock	32°

**Sealers**

<b>Front axle and final drive</b>	<b>Land Rover Part No.</b>
Hub retaining bolts	STC 50552
Swivel bearing housing to axle casing bolts	STC 50552
Stub axle bolts	STC 50552
Swivel pin housing grease	STC 3435*

\*Swivel pin grease used on later vehicles with filler plug only in swivel pin housing

**Lubricants**

<b>Item</b>	<b>Specification / Land Rover part number</b>
Final drive	Molytex EP90
Swivel pin	Molytex EP90 OR 80

**Do not use any lubricant other than that specified**

**Capacities**

<b>Item</b>	<b>Capacity</b>
Front differential	1.70 litres (3.00 pints) (1.80 US quarts)
Swivel pin housing oil/grease (each)	0.35 litres (0.60 pints) (0.37 US quarts)

**Torque Specifications**

<b>Description</b>	<b>Nm</b>	<b>lb-ft</b>
Hub driving member to hub	65*	48
Brake disc to hub	73	53
Stub axle to swivel pin housing	65*	48
Brake caliper to swivel pin housing	82	61
Upper swivel pin to swivel pin housing	65*	48
Lower swivel pin to swivel pin housing	25*	18
Oil seal retainer to swivel pin housing	11	8
Swivel bearing housing to axle case	73*	53
Pinion housing to axle case	41	30
Crown wheel to differential housing	58	43
Differential bearing cap to pinion housing	90	65
Differential drive flange to drive shaft	47	34
Mudshield to bracket lower swivel pin	11	8
Bevel pinion nut	130	
Draglink to hub arm	40	30
Panhard rod to axle bracket	88	65
Radius arm to axle	190	140
Radius arm to chassis side member	190	140

**\* Apply sealant, Part No. STC 50552 To bolt threads**