

Specifications

Sealers

Item	Land Rover Part No.
Input shaft flange nut	STC 50553
Input shaft splines	STC 50554
Differential (ETM) unit locking motor	STC 50550

Lubricants

Item	Specification
* Recommended lubricant:	
'Open' unit	Castrol SAF-XO - 75W/90
Electronic torque managed (ETM) unit	Castrol SAF Carbon Mod Plus

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

Unit	Capacity
'Open' differential	1.1 litres (1.9 pints) (1.15 US quarts)
Electronic torque managed (ETM) differential	1.5 litres (2.6 pints) (1.5 US quarts)

Rear 'Open' Differential

Item	Specification
Reduction ratio:	
V6 Diesel engine - Manual transmission	3.07:1
V6 Diesel engine - Automatic transmission	3.54:1
V6 Petrol engine - Automatic transmission	3.73:1
V8 Petrol engine - Automatic transmission	3.73:1

Rear Electronic Torque Managed (ETM) Differential

Item	Specification
Electronic torque managed (ETM) range	Up to 2500 Nm (98.5 lbf/ft)
Electronic torque managed (ETM) motor	Operates the ball/ramp mechanism and wet clutch. Motor incorporates a temperature sensor and is controlled by an ECU
Differential type	4 pin
Reduction ratio:	
V6 Diesel engine - Manual transmission	3.07:1
V6 Diesel engine - Automatic transmission	3.54:1
V6 Petrol engine - Automatic transmission	3.73:1
V8 Petrol engine - Automatic transmission	3.73:1

Torque Specifications

Description	Nm	lb-ft
Oil drain plug	54	40
Oil filler plug	34	25
Oil temperature sensor	22	16
++ Differential locking motor	10	7
Differential front mounting bolt	275	203
Differential rear mounting bolts	175	129
* Driveshaft to rear axle drive flange Torx bolts	150	110
Lower arm to wheel knuckle	275	203
Toe link bolt	175	129
Stabilizer bar link nuts	115	85
**+ Halfshaft retaining nut	350	258
Fuel tank heat shield nuts and bolts	10	7
Road wheel nuts	140	103

* New "Patchlok" Torx bolts must be fitted ** New nut must be fitted + Stake nut on completion of tightening operation ++ Apply sealant, Part No. STC 50550 to flange of locking motor