

2001 XJ RANGE - Automatic Transmission/Transaxle - Vehicles Without: Supercharger - 307

Lubricants, Fluids, Sealants and Adhesives - ZF Automatic Transmission (Normally Aspirated Vehicles)

Unit	Specification
Transmission fluid	Esso ATF LT 71141
Torque converter spigot	Molycote or equivalent

Capacities - ZF Automatic Transmission (Normally Aspirated Vehicles)

Unit	Liters
Transmission fluid (with torque converter)	10,0

Torques - ZF Automatic Transmission (Normally Aspirated Vehicles)

Component	Nm
Locking ferrule - Shift knob	7 - 10
Plug - Drain fluid pan	27 - 33
Plug - Level / fill (transmission case M18 x 1.5)	32 - 38
Tube nut - Cooler pipe to transmission unit	17 - 23
Bolt - Drive plate to torque converter	43 - 57
Bolt - Driveshaft coupling to transmission	75 - 88
Bolt - Fluid filter to valve block	4,5 - 5,5
Bolt - Fluid pan to transmission case	9 - 11
Bolt - Rear extension housing to transmission case	21 - 25
Bolt - Rear engine (isolation) mounting to mounting bracket	22 - 28
Bolt - Rear engine mounting bracket to body	22 - 28
Bolt - Rear engine mounting bracket to transmission rear extension	30 - 40
Bolt - Selector cable bracket to transmission case	7 - 10
Bolt - Transmission unit to engine	43 - 57
Nut - Transmission drive flange	108 - 132
Nut - Selector cable inner to shift lever	1,5 - 2,5
Nut - Selector cable inner to selector lever	7 - 10
Nut - Selector cable outer to bracket	22 - 28
Nut - Selector lever pivot shaft	7 - 10
Nut - Shift interlock solenoid to housing	5 - 7
Nut - Shift interlock solenoid actuating lever	11 - 13
Screw - Input sensor bracket to transmission case (M5)	4,5 - 5,5
Screw - Output sensor bracket to transmission case (M6)	7,5 - 8,5
Screw - Solenoid / regulator plate to valve body	4,5 - 5,5
Screw - Valve block to transmission case	7,5 - 8,5

Internal Gear Ratios

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Gear	Ratio
1st	3,571:1
2nd	2,2:1
3rd	1,508:1
4th	1,00:1
5th	0,803:1
Reverse	4,063:1