

Fastener Tightening Specifications

Transmission, Automatic Transmission, 4L60/4L6

[Fastener Tightening Specifications](#)

Application	Specification	
	Metric	English
Accumulator Cover to Case Bolt	8.0-14.0 N·m	6-10 lb ft
Case Extension to Case Bolt	42.0-48.0 N·m	31-35 lb ft
Case Extension to Case Bolt (4WD Shipping)	11.2-22.6 N·m	8.3-16.7 lb ft
Converter Cover Bolt	10 N·m	89 lb in
Converter Housing to Case Screw	65.0-75.0 N·m	48-55 lb ft
Cooler Pipe Connector	35.0-41.0 N·m	26-30 lb ft
Detent Spring to Valve Body Bolt	20.0-27.0 N·m	15-20 lb ft
Differential to Transmission Bolts and Nuts	50 N·m	37 lb ft
Driveline Support Assembly to Engine Flywheel Housing Bolts	50 N·m	37 lb ft
Driveline Support Assembly Front Plug Bolts	50 N·m	37 lb ft
Floorshift Control Bolt	10 N·m	89 lb in
Flywheel to Torque Converter Bolt	63 N·m	46 lb ft
Forward Accumulator Cover to Valve Body Bolt	8.0-14.0 N·m	6-10 lb ft
Heat Shield to Transmission Bolt	17 N·m	13 lb ft
Line Pressure Plug	8.0-14.0 N·m	6-10 lb ft
Manual Shaft to Inside Detent Lever Nut	27.0-34.0 N·m	20-25 lb ft
Negative Battery Cable Bolt	15 N·m	11 lb ft
Oil Level Indicator Bolt	47 N·m	35 lb ft
Oil Pan to Transmission Case Bolt	11 N·m	97 lb in
Oil Passage Cover to Case Bolt	8-14.0 N·m	6-10 lb ft
Park Brake Bracket to Case Bolt	27.0-34.0 N·m	20-25 lb ft
Park/Neutral Position Switch Mounting Bolts	27 N·m	20 lb ft
Park/Neutral Position Switch Screw	3 N·m	27 lb in
Plate to Case Bolt (Shipping)	27.0-34.0 N·m	20-25 lb ft
Plate to Converter Bolt (Shipping)	27.0-34.0 N·m	20-25 lb ft

Plug Assembly, Automatic Transmission Oil Pan (C/K-truck)	30-40 N·m	22.1-29.5 lb ft
Plug Assembly, Automatic Transmission Oil Pan (Y-car)	28-32 N·m	20.7-23.6 lb ft
Pressure Control Solenoid Bracket to Valve Body Bolt	8.0-14.0 N·m	6-10 lb ft
Propeller Input Shaft Front Bearing Positioning Bolts	35 N·m	26 lb ft
Propeller Shaft Hub Clamp Bolt	130 N·m	96 lb ft
Pump Assembly to Case Bolt	26.0-32.0 N·m	19-24 lb ft
Pump Cover to Pump Body Bolt	20.0-27.0 N·m	15-20 lb ft
Rear Shock Absorber Lower Mounting Bolt	220 N·m	162 lb ft
Shift Cable Grommet Screw	1.7 N·m	15 lb in
Shift Control Cable Attachment	20 N·m	15 lb ft
Spacer Plate Support Retaining Bolts	11 N·m	97 lb in
Speed Sensor Retainer Bolt	10.5-13.5 N·m	7.7-10 lb ft
Stud, Automatic Transmission Case Extension (Y-car)	18.0-22.0 N·m	13-16 lb ft
TCC Solenoid Assembly to Case Bolt	8.0-14.0 N·m	6-10 lb ft
Transaxle Mount Bracket to Differential Bolts	50 N·m	37 lb ft
Transmission to Driveline Support Assembly Bolts/Studs	50 N·m	37 lb ft
Transmission to Engine Bolt	47 N·m	35 lb ft
Transmission Fluid Check/Fill Plug	30 N·m	22 lb ft
Transmission Fluid Pressure Manual Valve Position Switch to Valve Body Bolt	8.0-14.0 N·m	6-10 lb ft
Transmission Mount to Transmission Bolt	50 N·m	37 lb ft
Transmission Mount Retaining Nut	40 N·m	30 lb ft
Transmission Oil Cooler Pipe Fitting	35.0-41.0 N·m	26-30 lb ft
Transmission Oil Cooler Rear Pipes to Junction Fittings at Engine Flywheel Housing	27 N·m	20 lb ft
Transmission Oil Pan to Case Bolt	9.5-13.8 N·m	7-10 lb ft
Transmission Range Selector Lever Nut	20 N·m	15 lb ft
Transmission Shift Cable Bracket Retaining Nuts	20 N·m	15 lb ft
Transmission Wiring Harness to LH Side of Transmission Case Retaining Bolt	2.5 N·m	22 lb in
Valve Body to Case Bolt	8.0-14.0 N·m	6-10 lb ft

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