

Steer

Hydraulic Pump Control Fitting-to- Pump	75 N-m	55 lb ft
Fluid Res Bolt/Screw (5.7L VIN G)	10 N-m	89 lb in
Fluid Res Bracket Nuts (3800 VIN K)	12 N-m	107 lb in
Gear Bolt/Screw	85 N-m	63 lb ft
Gear Inlet Hose Fitting-to-Pwr Steer Gear	28 N-m	21 lb ft
Gear Inlet Hose Fitting-to-Pwr Steer Pump	28 N-m	21 lb ft
Gear Outlet Hose Fitting-to-Pwr Steer Gear	28 N-m	21 lb ft
Pump Bolt/Screw (5.7L VIN G)	25 N-m	18 lb ft
Pump Nut (3800 VIN K)	30 N-m	23 lb ft
Rear Bracket Bolt/Screw (5.7L VIN G)	50 N-m	37 lb ft

Front Suspension

Brake Master Cylinder Nut	29 N-m	21 lb ft
Low Control Arm Mount Nut	100 N-m	74 lb ft
Low Control Arm Nut	110 N-m	81 lb ft
Outer Tie Rod End Nut	47 N-m	35 lb ft
Shock Absorber Low Bolt	65 N-m	48 lb ft
Shock Absorber Low Nut	65 N-m	48 lb ft
Shock Absorber Upper Mount Bolt	50 N-m	37 lb ft
Shock Absorber Upper Mount Nut	43 N-m	32 lb ft
Stab Shaft Insulator Clamp Bolt/Stud	55 N-m	41 lb ft
Stab Shaft Upper Nut and Bushing	23 N-m	17 lb ft
Upper Control Arm Nut	53 N-m	39 lb ft
Wheel Bearing Hub Bolt	86 N-m	63 lb ft

Rear Suspension

Center Support Bearing Bolt	50 N-m	37 lb ft
Jounce Bumper Bolt	27 N-m	20 lb ft
Low Control Arm Bolt	118 N-m	87 lb ft
Tie Rod Bracket Brace Bolt	47 N-m	35 lb ft
Tie Rod Bolt	118 N-m	87 lb ft
Tie Rod Nut	75 N-m	55 lb ft
Torque Arm Bolt	130 N-m	96 lb ft
Torque Arm Bracket Nut	45 N-m	33 lb ft
Torque Arm Outer Bracket Bolt -man	50 N-m	37 lb ft
Torque Arm Inner Bracket Bolt -auto	50 N-m	37 lb ft
Torque Arm Nut	132 N-m	97 lb ft
Torque Arm Outer Bracket Bolt- man	27 N-m	20 lb ft
Shock Absorber Nut To Rear Axle	90 N-m	66 lb ft
Shock Absorber Nut	17 N-m	13 lb ft
Stab Shaft Bracket Bolt	47 N-m	35 lb ft
Stab Shaft Insulator Clamp Nut	24 N-m	18 lb ft
Stab Shaft Bolt	23 N-m	17 lb ft

Rear/Driveshaft

Propeller Shaft Bolt	22 N-m	16 lb ft
Propeller Support Bearing Bolt	50 N-m	37 lb ft
diff Carrier Bearing Cap Bolt	75 N-m	55 lb ft
diff Drive Pinion Gear Setting Gauge Nut	2.3 N-m	20 lb in
diff Pinion Gear Shaft Lock Bolt	36 N-m	27 lb ft
diff Ring Gear Bolt	120 N-m	89 lb ft
Rear Axle Housing Cover Bolt	30 N-m	22 lb ft
Rear Axle Housing Fill Plug	35 N-m	26 lb ft
Wheel Speed Sensor Mount Bolt	10 N-m	89 lb in

Brakes

Brake Pedal Bracket Mount Bolt	25 N-m	18 lb ft
Brake Pedal Mount Nut	20 N-m	15 lb ft
Brake Pedal Pivot Nut	54 N-m	40 lb ft
Brake Pipe Tube Nut	16 N-m	12 lb ft
Combination Valve Pipe Fitting	32 N-m	24 lb ft
Front Brake Hose Fitting Bolt	55 N-m	41 lb ft
Master Cylinder Mount Nut	29 N-m	21 lb ft
Master Cylinder Brake Pipe Tube Nut	32 N-m	24 lb ft
Negative Battery Cable Bolt	15 N-m	11 lb ft
R Brake (Center) Hose Mount Bolt	21 N-m	15 lb ft
R Brake Hose Fitting Bolt (At Caliper)	55 N-m	41 lb ft
R Brake Pipe Tube Nut-Brake (Center) Hose	24 N-m	18 lb ft
R Brake Pipe Tube Nut-Brake Hose (At Caliper)	15 N-m	11 lb ft
Bleeder Valve	12 N-m	106 lb in
Brake Caliper Mount Bracket Bolt	100 N-m	74 lb ft
Brake Hose Bolt	50 N-m	30 lb ft
Caliper Guide Pin Bolt	31 N-m	23 lb ft
Wheel Nut	140 N-m	100 lb ft
ABS Adjuster Assembly Attaching Nuts	25 N-m	19 lb ft
Brake Pipe Fittings at BPMV	15 N-m	11 lb ft
BPMV Bracket Bolt/Nut	10 N-m	7 lb ft
BPMV Bracket Nut to RPMV	12 N-m	8 lb ft
(EBCM/EBTCM) to BPMV Bolt/Screw	2.9 N-m	26 lb in
Wheel Speed Sensor Mount Bolt	10 N-m	89 lb in

Engine

A/C Belt Tensioner Bolt	25 N-m	18 lb ft
A/C comp and cond Hose Bolt (at Accum)	16 N-m	12 lb ft
A/C comp and cond Hose Bolt (at comp)	33 N-m	24 lb ft
A/C comp Bolts	50 N-m	37 lb ft
A/C comp Bracket Bolts	50 N-m	37 lb ft
A/C cond Tube Nut	16 N-m	12 lb ft
Accelerator Control Cable Bracket Nut	10 N-m	89 lb in
(A/C) Belt Idler Pulley Bolt	50 N-m	37 lb ft
Batt Pos Cable Nut (at Generator Output Stud)	22 N-m	16 lb ft
Brake Pipe Fitting	15 N-m	11 lb ft
Camshaft Retainer Bolt	25 N-m	18 lb ft
Camshaft Sensor Bolt	25 N-m	18 lb ft
Camshaft Sprocket Bolt	35 N-m	26 lb ft
Catalytic Converter Nut	25 N-m	18 lb ft
Clutch press Plate Bolt-3 passes	70 N-m	52 lb ft
Cooler Line Fitting	27 N-m	20 lb ft
Crankshaft Balancer Bolt (First Pass-New)	50 N-m	37 lb ft
Crankshaft Balancer Bolt (Final Pass-New)	140 degrees	
Crankshaft Balancer Bolt (Used Bolt)	330 N-m	240 lb ft
Crankshaft Oil Deflector Nut	25 N-m	18 lb ft
Crossmember Bolt (Low)	145 N-m	107 lb ft
Crossmember Bolt (Upper)	125 N-m	92 lb ft
head Bolts (First Pass all M11 Bolts in seq)	30 N-m	22 lb ft
head Bolts (Second Pass all M11 Bolts in seq)	90 degrees	
head Bolts (Final Pass all Long M11 Bolts in seq)	90 degrees	
head Bolts (Final Pass M11 Medium Length Bolts)	50 degrees	
head Bolts (M8 Inner Bolts in seq)	30 N-m	22 lb ft
Drive Belt Idler Pulley Bolt	50 N-m	37 lb ft
Drive Belt Tensioner Bolt	50 N-m	37 lb ft
End Link Nut	23 N-m	17 lb ft
Eng Coolant Air Bleed Pipe Bolts and Studs	12 N-m	106 lb in
Eng Flywheel Bolt (First Pass)	20 N-m	15 lb ft
Eng Flywheel Bolt (Second Pass)	50 N-m	37 lb ft
Eng Flywheel Bolt (Final Pass)	100 N-m	74 lb ft
Eng Front Cover Bolts	25 N-m	18 lb ft
Eng Mount Bolt	50 N-m	37 lb ft
Eng Mount Bracket Bolt	58 N-m	43 lb ft
Eng Mount Heat Shield Nut	10 N-m	89 lb in
Exhaust Manifold Pipe Nut	35 N-m	26 lb ft
Eng Mount Stud	50 N-m	37 lb ft
Eng Mount Through Bolt	95 N-m	70 lb ft
Eng Mount Through Bolt Nut	10 N-m	89 lb in
Eng Oil Filter	30 N-m	22 lb ft
Eng Rear Cover Bolts	25 N-m	18 lb ft
Eng Service Lift Bracket M10 Bolts	50 N-m	37 lb ft
Eng Service Lift Bracket M8 Bolt	25 N-m	18 lb ft
Eng Valley Cover Bolt	25 N-m	18 lb ft
Eng Wire Harness Clip Bolt	50 N-m	37 lb ft
Eng Wire Harness Clip Bolt (at auto trans)	2.5 N-m	22 lb in
Eng Wire Harness Ground Bolt	50 N-m	37 lb ft
Eng Wire Harness Ground Bolt (at Frame Rail)	12 N-m	106 lb in
Eng Wire Harness Ground(Left Side of Block)	30 N-m	22 lb ft
Front Fuel Pipe Heat Shield Nut	5 N-m	44 lb in
Fuseblock Stud Nut	14 N-m	10 lb ft
Generator Bolt	50 N-m	37 lb ft
Generator Rear Bracket Bolt	25 N-m	18 lb ft
Ground Terminal Bolt	6 N-m	53 lb in
Ignition Coil Bracket Bolt	12 N-m	106 lb in
Ignition Coil Bolt	12 N-m	106 lb in
Intake Manifold Bolts (First Pass in seq)	5 N-m	44 lb in
Intake Manifold Bolts (Final Pass in seq)	10 N-m	89 lb in
Intermediate Steer Shaft Bolt	47 N-m	35 lb ft
Knock Sensors	20 N-m	15 lb ft
Negative Battery Cable Lead Bolt	32 N-m	24 lb ft
Oil Filter Fitting	55 N-m	40 lb ft
Oil Level Indicator Tube Bolt	25 N-m	18 lb ft
Oil Level Sensor	13 N-m	115 lb in
Oil Pan Bolt (M8)	25 N-m	18 lb ft
Oil Pan Cover Bolts	12 N-m	106 lb in
Oil Pan Drain Plug	25 N-m	18 lb ft
Oil Pan-to-Front Cover Bolt	25 N-m	18 lb ft
Oil Pan-to-Rear Cover Bolt	12 N-m	106 lb in
Oil press Sensor	20 N-m	15 lb ft
Oil Pump Bolt	25 N-m	18 lb ft
Oil Pump Screen Bolt	12 N-m	106 lb in
Oil Pump Screen Nut	25 N-m	18 lb ft
Oxygen Sensor	42 N-m	31 lb ft
Positive Battery Cable Fitting	15 N-m	11 lb ft
(PCV) Strap Nut	12 N-m	106 lb in
Pwrtrain Control Module Connector Bolt	8 N-m	71 lb in
Pwr Steer Gear Bolt	85 N-m	63 lb ft

Trans 6-speed

Backup Lamp Switch	27 N-m	20 lb ft
Clutch Actuator Cylinder Bolt	8 N-m	71 lb in
Clutch Housing Bolt	50 N-m	37 lb ft
Control Lever Handle Bolt	25 N-m	18 lb ft
Gear Select/Skip Shift Solenoid	40 N-m	30 lb ft
Reverse Lockout Assembly Bolt	18 N-m	13 lb ft
Reverse Lockout Solenoid	40 N-m	30 lb ft
Shift Control Bolt	18 N-m	13 lb ft
Shift Control Closeout Boot Bolt	2 N-m	18 lb in
Shift Control Knob	3 N-m	27 lb ft
trans Bolt	50 N-m	37 lb ft
trans Drain/Fill Plug	27 N-m	20 lb ft
trans Mount Bolt	48 N-m	38 lb ft
trans Mount Nut	105 N-m	77 lb ft
trans Support Bolt	90 N-m	66 lb ft
Vehicle Speed Sensor Bolt	10 N-m	89 lb in

Trans-Auto

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
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 trans Bolt	17 N-m	13 lb ft
Line press Plug	8.0-14.0 N-m	6-10 lb ft
man 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 trans 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 pos 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, auto trans Oil Pan (C/K)	30-40 N-m	22.1-29.5 lb ft
Plug Assembly, auto trans Oil Pan (Y)	28-32 N-m	20.7-23.6 lb ft
Press Control Solenoid Brakt to Valv Bod Bolt	8.0-14.0 N-m	6-10 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
Shift Cable Grommet Screw	1.7 N-m	15 lb in
Shift Control Cable Attachment	20 N-m	15 lb ft
Speed Sensor Retainer Bolt	10.5-13.5 N-m	7.7-10 lb ft
Stud, auto trans 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
Trans Mount to trans Bolt	25 N-m	18 lb ft
Fluid press man Valv pos Swich to Valv Bod Bolt	8.0-14.0 N-m	6-10 lb ft
trans Oil Cooler Pipe Fitting	35.0-41.0 N-m	26-30 lb ft
trans Oil Pan to Case Bolt	9.5-13.8 N-m	7-10 lb ft
trans to Eng Bolt	47 N-m	35 lb ft
Valve Body to Case Bolt	8.0-14.0 N-m	6-10 lb ft

Engine Continued

Pwr Steer Pump Bolt	25 N-m	18 lb ft
Pwr Steer Pump Bracket Bolt	50 N-m	37 lb ft
2ndary Air Injection (AIR) Pipe Bolt	20 N-m	15 lb ft
2ndary (AIR) Switch Valve Bracket Bolt	20 N-m	15 lb ft
2ndary (AIR) Switch Valve Bracket Nut	12 N-m	106 lb in
Shock Absorber Bolt	65 N-m	48 lb ft
Spark Plug (All Subsequent Installations)	15 N-m	11 lb ft
Spark Plug (New head)	20 N-m	15 lb ft
Stab Bar Bracket Bolt/Stud	55 N-m	41 lb ft
Torque Converter Bolt	63 N-m	47 lb ft
trans Bolt (auto trans)	95 N-m	70 lb ft
trans Bolt (man trans)	50 N-m	37 lb ft
trans Cover Bolt	12 N-m	106 lb in
trans Fill Tube Bolt	50 N-m	37 lb ft
trans Oil Cooler Line Fitting	27 N-m	20 lb ft
trans Support Bolt	57 N-m	42 lb ft
Upper Control Arm Nut	53 N-m	39 lb ft
Valve Lifter Guide Bolt	12 N-m	106 lb in
Valve Rocker Arm Bolt	30 N-m	22 lb ft
Valve Rocker Arm Cover Bolt	12 N-m	106 lb in

Cooling

Accel and Cruise Control Servo Cable Adjuster	8 N-m	71 lb in
Air Conditioning cond Tube Nut	16 N-m	12 lb ft
Coolant Air Bleed Pipe Bolt/Stud	12 N-m	106 lb in
Coolant Heater (5.7L Eng)	40 N-m	30 lb ft
Coolant Recovery Res Bolt	12 N-m	106 lb in
Cooling Fan Blade Nut	6 N-m	53 lb in
Cooling Fan Motor Bolt	6 N-m	53 lb in
Drive Belt Tensioner Bolt	50 N-m	37 lb ft
EGR Valve Outlet Pipe Bolt	29 N-m	21 lb ft
EGR Valve Outlet Pipe Nut	29 N-m	21 lb ft
Evaporator Tube Bolt	16 N-m	12 lb ft
Radiator Air Low Deflector Screw	10 N-m	89 lb in
Radiator Drain Cock	2 N-m	18 lb in
Radiator Support Bolt	12 N-m	106 lb in
trans Oil Cooler Line Fitting (Radiator End)	27 N-m	20 lb ft
Water Outlet Bolt	27 N-m	20 lb ft
Water Pump Bolt (5.7L Eng)	30 N-m	22 lb ft
Water Pump Inlet Bolt	15 N-m	11 lb ft

Exhaust

Catalytic Converter Hanger Bolt	41 N-m	30 lb ft
Catalytic Converter Heat Shield Bolt	2 N-m	18 lb in
Catalytic Converter Nut	25 N-m	18 lb ft
End Link Nut	23 N-m	17 lb ft
Eng Mount Heat Shield Nut	10 N-m	89 lb in
Exhaust Heat Shield Bolt	2 N-m	18 lb in
Exhaust Manifold Bolt (First Pass) (5.7 L Eng)	15 N-m	11 lb ft
Exhaust Manifold Bolt (Final Pass) (5.7 L Eng)	25 N-m	18 lb ft
Exhaust Manifold Nut (5.7 L Eng)	35 N-m	26 lb ft
Exhaust Manifold Nut	35 N-m	26 lb ft
Exhaust Muffler Hanger Bolt	10 N-m	89 lb in
Exhaust Muffler Hanger Bracket Bolt	10 N-m	89 lb in
Exhaust Muffler Heat Shield Bolt	2.0 N-m	18 lb in
Exhaust Pipe Clamp Bolt	48 N-m	35 lb ft
Exhaust Pipe Hanger Bracket Nut	20 N-m	15 lb ft
Exhaust Pipe Heat Shield Bolt	2 N-m	18 lb in
Heat Shield Bolt (5.7 L Eng)	9 N-m	80 lb in
Oxygen Sensor	42 N-m	31 lb ft
Rear Axle Torque Arm Bracket Nut	45 N-m	33 lb ft
Rear Shock Nut	90 N-m	66 lb ft
Torque Arm Bolt	130 N-m	96 lb ft
Torque Arm Nut	132 N-m	97 lb ft
Wheel Nut	120 N-m	89 lb ft