

STEERING

Adjuster Plug Lock Nut	68 N·m	50 lb ft	Upper Control Arm Mounting Bolt	110 N·m	81 lb ft
Member Mounting Nuts	110 N·m	81 lb ft	Wheel Hub Mounting Bolts	130 N·m	96 lb ft
Cyl Line End fittings	27 N·m	20 lb ft	PROP SHAFT		
Cyl Line Viv End fittings	17 N·m	13 lb in	Bearing hsg Asmby-to-Coupling Bolts - Automatic Trans	70 N·m	52 lb ft
Inner Tie Rod	100 N·m	74 lb ft	Bearing hsg Asmby-to-Coupling Bolts - Manual Trans	90 N·m	66 lb ft
Outer Tie Rod End Stud Nut to Knuckle	20 N·m	15 lb ft	Clutch Actuator Cyl Mounting Bolts - Manual Trans	12 N·m	106 lb in
First Pass			Coupling-to-Propeller Shaft Bolts - Automatic Trans	70 N·m	52 lb ft
Second Pass	160 degrees		Coupling-to-Propeller Shaft Bolts - Manual Trans	90 N·m	66 lb ft
Final Pass	45 N·m	33 lb ft	Driveline Tunnel Closeout Panel Bolts	10 N·m	89 lb in
Pwr Steering Gear Mounting Bolt Nuts to member	100 N·m	74 lb ft	EBCM LH Mounting Bracket Mounting Bolts	50 N·m	37 lb ft
Pwr Steering Hose fittings	27 N·m	20 lb ft	Flexplate Spindle Nut - Automatic Trans	90 N·m	66 lb ft
Pwr Steering Pump Mounting Bolts	25 N·m	18 lb ft	Flexplate-to-Flexplate Spindle Bolts - Automatic Trans	50 N·m	37 lb ft
Pwr Steering Reservoir Bracket Bolts to Eng	50 N·m	37 lb ft	Input Shaft Bearing posing Bolts	35 N·m	26 lb ft
Pwr Steering Return Hose Mounting Bolts	11 N·m	97 lb in	Input Shaft-to-Coupling Bolts - Automatic Trans	70 N·m	52 lb ft
FRONT SUSP			Input Shaft-to-Coupling Bolts - Manual Trans	90 N·m	66 lb ft
Member Mounting Nuts (Use New Nuts)	110 N·m	81 lb ft	Negative Battery Cable Bolt	15 N·m	11 lb ft
Lower Control Arm Ball Joint Stud Nut	30 N·m	20 lb ft	Propeller Shaft Hub Clamp Bolt - Automatic Trans	125 N·m	93 lb ft
First Pass			Rear Exh Hanger Mounting Bolts	50 N·m	37 lb ft
Final Pass	180 degrees		Rear Suspension member Mounting Nuts	110 N·m	81 lb ft
Pwr Steering Gear Mounting Bolts	100 N·m	74 lb ft	Shift Control Closeout Boot Reg Nuts - Manual Trans	12 N·m	106 lb in
Shock Absorber Lower Mounting Nuts	28 N·m	21 lb ft	Shift Control Mounting Bolts	30 N·m	22 lb ft
Shock Absorber Upper Mounting Nut	26 N·m	19 lb ft	Transaxle Mount Bracket-to-Differential Bolts	50 N·m	37 lb ft
Stabilizer Shaft Insulator Clamp Bolts	58 N·m	43 lb ft	Transaxle Mount-to-Rear Suspension member Nuts	50 N·m	37 lb ft
Stabilizer Shaft Link Nuts	72 N·m	53 lb ft	Trans Cooler Rear Front fittings-to-Jnctn at Eng flywh hsg	27 N·m	20 lb ft
Transverse Spring Retainer Bolts (Use New Bolts)	62 N·m	46 lb ft	Trans Cooler Rear Pipe Rear fittings-to-Trans fittings	40 N·m	30 lb ft
Upper Control Arm Ball Joint Stud Nut	30 N·m	22 lb ft	Trans Cooler Rear Pipe Reg Clamp Bolts	12 N·m	106 lb in
First Pass			Trans Shift Control Cable Bracket Reg Nuts	20 N·m	15 lb ft
Final Pass	225 degrees		Trans Shift Rod Clamp Bolt	30 N·m	22 lb ft
Upper Control Arm Mounting Bolts	65 N·m	48 lb ft	Trans-to-Driveline sprt Asmby Bolts/Studs	50 N·m	37 lb ft
Wheel Hub/Bearing Mounting Bolts	130 N·m	96 lb ft	Trans Wiring Harness-to-LH Trans Case Reg Bolt	2.5 N·m	22 lb in
REAR SUSP			Half Shaft Spindle Nut	160 N·m	118 lb ft
Lower Control Arm Ball Joint Stud Nut	30 N·m	22 lb ft	DIFF		
First Pass			Carrier Asmby - Differential-to-Trans Bolts and Nuts	50 N·m	37 lb ft
Final Pass	180 degrees		Cooler Bolts - Some Models	10 N·m	89 lb in
Lower Control Arm Cam Bolt Nut - Front	145 N·m	107 lb ft	Differential Case Bolts	55 N·m	41 lb ft
Lower Control Arm Cam Bolt Nut - Rear	95 N·m	70 lb ft	Differential Cooler Adaptor Nut	18 N·m	13 lb ft
Outer Tie Rod End Stud Nut	20 N·m	15 lb ft	Differential Cooler Fitting 1/2 Inch	28 N·m	21 lb ft
First Pass			Differential Cooler Fitting 3/8 Inch	18 N·m	13 lb ft
Second Pass	160 degrees		Differential Cooler Mounting Bolts	10 N·m	89 lb in
Final Pass	60 N·m	45 lb ft	Differential Cooler Pump Inlet Hose Reg Bolt	10 N·m	89 lb in
Rear member Mounting Nuts	110 N·m	81 lb ft	Differential Reinforcement Bolt	30 N·m	22 lb ft
Rear Suspension Adjustment Link to member Nut	60 N·m	44 lb ft	Drain Plug - Quick Connect - Some Models	35 N·m	26 lb ft
Shock Absorber Lower Mounting Nut	145 N·m	107 lb ft	Driveline sprt Asmby-to-Eng flywh hsg Bolts	50 N·m	37 lb ft
Shock Absorber Upper Mounting Bolts	30 N·m	22 lb ft	EBCM LH Mounting Bracket Bolts	50 N·m	37 lb ft
Stabilizer Shaft Insulator Clamp Bolt	65 N·m	49 lb ft	Fill Plug	35 N·m	26 lb ft
Stabilizer Shaft Insulator Clamp Nut	95 N·m	70 lb ft	Left Side Cvr Bolts	30 N·m	22 lb ft
Stabilizer Shaft Link Nuts	72 N·m	53 lb ft	Negative Battery Cable Bolt	15 N·m	11 lb ft
Transverse Spring Mounting Bracket Bolts	62 N·m	46 lb ft	Pinion hsg/Cage Bolts	30 N·m	22 lb ft
Upper Control Arm Ball Joint Stud Nut	30 N·m	22 lb ft	Pinion Nut	500 N·m	370 lb ft
First Pass			Propeller Input Shaft Bearing posing Bolts	35 N·m	26 lb ft
Final Pass	195 degrees		Propeller Shaft Hub Clamp Bolt	130 N·m	96 lb ft

Vehicle Speed Sensor Bolt	10 N/m	89 lb in	flywh Bolts - Final Pass	100 N/m	74 lb ft
BRAKES			Front Cvr Bolts	25 N/m	18 lb ft
Brake Caliper Bleed Screw	12 N/m	106 lb in	Fuel Injection Fuel Rail Bolts	10 N/m	89 lb in
Brake Caliper Guide Pin Bolt	31 N/m	23 lb ft	Ign Coil Bracket-to-Viv Rocker Arm Cvr Stud	12 N/m	106 lb in
Brake Caliper Inlet Fitting Bolt	45 N/m	33 lb ft	Ign Coil-to-Bracket Bolts	10 N/m	89 lb in
Front Brake Caliper Mounting Bracket Bolt	175 N/m	125 lb ft	Intake Manifold Bolts - First Pass in Sequence	5 N/m	44 lb in
Rear Brake Caliper Mounting Bracket Bolt	175 N/m	125 lb ft	Intake Manifold Bolts - Final Pass in Sequence	25 N/m	18 lb ft
Brake Booster Mounting Nuts	27 N/m	20 lb ft	J 41798 M8 Bolt	50 N/m	37 lb ft
Brake Caliper Inlet Fitting Bolt	45 N/m	33 lb ft	J 41798 M10 Bolts	20 N/m	15 lb ft
Brake Pedal Pivot Nut	29 N/m	21 lb ft	Knock Sensor Bolts	50 N/m	37 lb ft
Brake Pipe to Flexible Brake Hose Tube Nut	18 N/m	13 lb ft	Motor Mount Bracket Bolts	12 N/m	106 lb in
Brake Pipe to Master Cyl Tube Nut	24 N/m	18 lb ft	Oil Cooler Bolts	30 N/m	22 lb ft
Master Cyl Mounting Nuts	29 N/m	21 lb ft	Oil Filter	55 N/m	40 lb ft
Tele Column Motor Mounting Bracket Screw	7 N/m	10 lb ft	Oil Filter Fitting	25 N/m	18 lb ft
Washer Solvent Container Reg Nuts	7.5 N/m	62 lb in	Oil Level Indicator Tube Bolt	20 N/m	15 lb ft
Actuator Mounting Bolts	70 N/m	66 lb in	Oil Level Sensor	9 N/m	80 lb in
Park Brake Lever Assembly Mounting Bolts	28 N/m	21 lb ft	Oil Pan Closeout Cvr Bolt - Left Side	9 N/m	80 lb in
Park Brake Lever Boot Nuts	10 N/m	89 lb in	Oil Pan Closeout Cvr Bolt - Right Side	25 N/m	18 lb ft
BPW/ Brake Pipe fittings	16 N/m	12 lb ft	Oil Pan Cvr Bolts	12 N/m	106 lb in
Brake Fluid pres Sensor	22 N/m	16 lb ft	Oil Pan Drain Plug	25 N/m	18 lb ft
EBCM/BPMV Bracket Bolts	27 N/m	20 lb ft	Oil Pan M6 Bolts - pan-rear seal	12 N/m	106 lb in
EBCM/BPMV Insulator Nuts	12 N/m	106 lb in	Oil Pan M8 Bolts - pan-block & pan-cover	25 N/m	18 lb ft
EBCM/ BPMV Insulator Bolt	14 N/m	10 lb ft	Oil pres Sensor	35 N/m	26 lb ft
EBCM to BPMV Bolts in Sequence	First Pass 3 N/m	10 lb ft	Oil Pump Cvr Bolts	12 N/m	106 lb in
	Second Pass 6 N/m	First Pass 27 lb in	Oil Pump Relief Viv Plug	12 N/m	106 lb in
		Second Pass 53 lb in	Oil Pump Screen Nuts	25 N/m	18 lb ft
Lateral Accelerometer Nuts	3 N/m	24 lb in	Oil Pump Screen-to-Oil Pump Bolt	12 N/m	106 lb in
Steering Gear Nut	100 N/m	74 lb ft	Oil Pump-to-Eng Block Bolts	25 N/m	18 lb ft
Yaw Rate Sensor Nuts	7 N/m	62 lb in	Spark Plugs	15 N/m	11 lb ft
			Throttle Body Bolts	10 N/m	89 lb in
ENGINE			Timing Chain Dampener Bolts	25 N/m	18 lb ft
Cam pos (CMP) Sensor Bolt	12 N/m	106 lb in	Valley Cvr Bolts	25 N/m	18 lb ft
CMP Sensor Wire Harness Bolt	12 N/m	106 lb in	Viv Lifter Guide Bolts	10 N/m	89 lb in
Cam Retainer Bolts - Hex Head Bolts	25 N/m	18 lb ft	Viv Rocker Arm Bolts	30 N/m	22 lb ft
Cam Retainer Bolts - TORX® Head Bolts	15 N/m	11 lb ft	Viv Rocker Arm Cvr Bolts	12 N/m	106 lb in
Cam Sprocket Bolts	25 N/m	18 lb ft	Water Inlet Hsg Bolts	15 N/m	11 lb ft
Clutch pres Plate Bolts	70 N/m	52 lb ft	Water Pump Bolts - First Pass	15 N/m	11 lb ft
Conn Rod Bolts - First Pass	20 N/m	15 lb ft	Water Pump Bolts - Final Pass	30 N/m	22 lb ft
Conn Rod Bolts - Final Pass	75 degrees		MANUAL TRANS		
Coolant Air Bleed Pipe and Cvr Bolts	12 N/m	106 lb in	Backup Lamp Switch	20 N/m	15 lb ft
Coolant Temperature Sensor	20 N/m	15 lb ft	Differential to Trans Bolts and Nuts	50 N/m	37 lb ft
Crank Bal Bolt - Instal Pass-OLD bolt	330 N/m	240 lb ft	Differential to Trans Lower Nut	50 N/m	37 lb ft
Crank Bal Bolt - First Pass -NEW Bolt for first&final pass	50 N/m	37 lb ft	Driveline sprt Asmby to Eng flywh hsg Bolts	50 N/m	37 lb ft
Crank Bal Bolt - Final Pass	140 degrees		EBTCM LH Mounting Bracket Mounting Bolts	50 N/m	37 lb ft
Crank Bearing Cap M10 Bolts - First Pass in Sequence	20 N/m	15 lb ft	Gear Select/Skip Shift Solenoid	40 N/m	30 lb ft
Crank Bearing Cap M10 Bolts - Final Pass in Sequence	80 degrees		Intermediate Exh Pipe to Muffler Bolts	50 N/m	37 lb ft
Crank Bearing Cap M10 Studs - First Pass in Sequence	20 N/m	15 lb ft	Negative Battery Cable Bolt	15 N/m	11 lb ft
Crank Bearing Cap M10 Studs - Final Pass in Sequence	51 degrees		Rear Shock Absorber Lower Mounting Bolt	220 N/m	162 lb ft
Crank Bearing Cap M8 Bolts	25 N/m	18 lb ft	Rear Suspension xmember Mounting Nuts	110 N/m	81 lb ft
Crank Oil Deflector Nuts	25 N/m	18 lb ft	Reverse Lockout Solenoid	40 N/m	30 lb ft
Crank pos (CKP) Sensor Bolt	25 N/m	18 lb ft	Shift Control Closeout Boot Reg Nuts	12 N/m	106 lb in
Crank Rear Oil Seal Hsg Bolts	25 N/m	18 lb ft	Shift Control Mounting Bolts	30 N/m	22 lb ft
Cyl Head M11 Bolts - First Pass in Sequence	30 N/m	18 lb ft	Transaxle Mount Bracket to Differential Bolts	50 N/m	37 lb ft
Cyl Head M11 Bolts - Second Pass in Sequence	90 degrees		Transaxle Mount to Rear Suspension xmember Nuts	50 N/m	37 lb ft
Cyl Head M11 Bolts - Final Pass in Sequence	30 N/m	22 lb ft	Trans Fluid Drain Plug	50 N/m	37 lb ft
Cyl Head M8 Bolts - in Sequence	30 N/m	22 lb ft	Trans Fluid Fill Plug	27 N/m	20 lb ft
Cyl Head Coolant Plug	20 N/m	15 lb ft	Trans Fluid Temperature Sensor	27 N/m	20 lb ft
Eng Block Coolant Drain Hole Plug	60 N/m	44 lb ft	Trans Shift Rod Clamp Bolt	30 N/m	22 lb ft
Eng Block Coolant Heater	40 N/m	30 lb ft	Trans Vent Tube Reg Bolt	20 N/m	15 lb ft
Eng Block Oil Gallery Plug	60 N/m	44 lb ft			
Evap Emis (EVAP) Canister Purge Solenoid Viv Bolt	50 N/m	37 lb ft			
Exh Manifold Bolts - First Pass	15 N/m	11 lb ft			
Exh Manifold Bolts - Final Pass	20 N/m	15 lb ft			
Exh Manifold Heat Shield Bolts	9 N/m	80 lb in			
Exh Manifold Studs	20 N/m	15 lb ft			
flywh Bolts - First Pass	20 N/m	15 lb ft			
flywh Bolts - Second Pass	50 N/m	37 lb ft			