

SPECIFICATIONS (Continued)

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TORQUE SPECIFICATIONS

Description	N-m	Lb-Ft	Description	N-m	Lb-Ft
A/C Compressor Bracket to Block (4 Bolts)	48	35	Heater Tube to Intake Manifold Stud Bolt	35	26
A/C Compressor Mounting (4 Bolts)	48	35	Intake Manifold to Cylinder Head Bolt	20-30	15-22
Generator Adjustment Arm (Lock-In Tension Setting) Bolt	37	27	Low Level Oil Sensor	27-41	20-30
Generator Adjustment Arm to Cylinder Head Bolt	48	35	Main Bearing Cap Bolt	75-85	55-63
Generator Brace to Adjustment Arm and Throttle Body (2 Nuts)	16	12	IAT Sensor (Unleaded Gasoline Only)	20	15
Generator Pivot Bolt	58	43	HO2S Sensor	41	30
Auto-Tensioner/Power Steering Bracket to Cylinder Head (2 Nuts)	48	35	TP Sensor	3	22 (Lb-In)
Auto Tensioner to A/C Compressor Bracket Bolt	48	35	Oil Drain Plug	11-16	9-12
Camshaft Sprocket to Camshaft Bolt	63	46	Oil Filter Insert to Cylinder Block	34	25
Camshaft Thrust Plate Bolt	10	7	Oil Filter to Oil Filter Adapter ⁵		
Coil and Bracket Assembly to Cylinder Head Bolt	48	35	Oil Indicator Tube to Exhaust Manifold Nut	15-20	11-15
Connecting Rod Nut	35	26	Oil Level Sensor	27-41	20-30
Coolant Temp. Switch	20	15	Oil Pressure Sending Unit	16-22	12-16
Crankshaft Vibration Damper to Crankshaft Bolt	125-165	93-121	Oil Pump to Cylinder Block Bolt	48	35
Crankshaft Pulley to Damper (4 Bolts)	50	37	Power Steering Bracket to Cylinder Head Bolt	40-55	29-41
Cylinder Head Bolt	—	⁶	Power Steering Bracket to Cylinder Head (2 Studs)	5-15	4-11
Distributor Cap	1.75-2.75	16-24 (Lb-In)	Rocker Arm Cover to Cylinder Head Bolts/Studs	10-14	8-10
Distributor Hold-Down Bolt	24	18	Rocker Arm Fulcrum to Cylinder Head Bolt	—	⁷
ECT Sensor	16-24	12-17	Spark Plug to Cylinder Head	7-15	5-11
EGR Valve to Throttle Body Bolt	20-30	15-22	Thermostat Housing to Intake Manifold Bolt	10-14	8-10
EGR Tube to EGR Valve and Exhaust Manifold	35-65	26-48	Throttle Body to Intake Manifold Bolt/Stud	25	19
Exhaust Manifold Bolt/Stud	20-30	15-22	Timing Cover to Cylinder Block Bolt	25	19
Flywheel to Crankshaft Bolt	80	59	Vacuum Tree to Intake Manifold	8-13	6-9.5
Fuel Rail to Intake Manifold (4)	8-12	6-9	Water Pump Pulley to Hub (4 Bolts)	20-30	15-22
Heater Elbow	24	18	Water Pump to Front Cover Bolt	8-12	7.1-106 (Lb-In)
Hose Clamp	2.7-5.4	28-48	Wiring Retainer Bracket Nut	20-30	15-22
PFE or DPFE Sensor and Bracket	10	7	Tappet Guide Plate to Cylinder Block	10-14	8-10
Throttle Cable Bracket	17	13	Coolant Bypass Fitting	16-24	12-17
Idle Air Control Valve	10	7	EGR Vacuum Regulator	35	26
Exhaust Inlet Pipe to Manifold	34-47	25-34	Throttle Cable Bracket Bolts	17	13
Crankshaft Pulley Nuts	40-60	30-44	Ignition Coil	40-55	29-41
Rocker Arm Bolt	20-25	15-18	Oil Pan to Cylinder Block Bolt	10-14	8-10

(Continued)

⁵ Advance half-turn after gasket contacts sealing surface.

⁶ A. Tighten in two steps:

50 N-m (37 Lb-Ft)

92 N-m (68 Lb-Ft)

⁷ Tighten in two steps: A. 7-15 N-m (5-11 Lb-Ft)

B. 26-38 N-m (19-28 Lb-Ft)