

# TORQUE SPECIFICATIONS

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<b>Application</b>	<b>Ft. Lbs. (N.m)</b>
A/C Compressor Bolts	
Short	22-30 (30-41)
Long	21-31 (28-42)
Bellhousing-To-Engine Bolt	40-50 (54-68)
Camshaft Thrust Plate Bolt	12-18 (16-24)
Connecting Rod Cap Nut	40-45 (54-61)
Crankshaft Damper Bolt	130-150 (176-203)
Cylinder Head Bolt <sup>(1)</sup>	
Step 1	45-55 (61-75)
Step 2	Additional 80-100 degrees
Front Engine Mount Nut	54-74 (73-100)
Flexplate-To-Torque Converter Bolt	20-34 (27-46)
Flywheel-To-Crankshaft Bolt	75-85 (102-115)
Front Cover Bolt	12-18 (16-24)
Fuel Supply Manifold Bolt	12-15 (16-20)
Generator Bolt	22-30 (30-41)
Lower Intake & Exhaust Manifold Assembly Nut <sup>(2)</sup>	22-32 (30-43)
Main Bearing Cap Bolt	60-70 (81-95)
Oil Filter Adapter Bolt	15-35 (20-47)
Oil Pan Bolt	15-18 (20-24)
Oil Pump Pick-Up Tube Nut	10-15 (14-20)
Oil Pump-To-Cylinder Block Bolt	10-15 (14-20)
Power Steering Pump Bracket Bolt	30-40 (41-54)
Rocker Arm Bolt	17-23 (23-31)
Starter Bolt	15-20 (20-27)
Throttle Body-To-Upper Intake Manifold Bolt	14-20 (19-27)
Upper Intake Manifold-To-Lower Intake Manifold Bolt	12-18 (16-24)
Vibration Damper Bolt	130-150 (176-203)
Water Pump Bolt	12-18 (16-24)
	<b>INCH Lbs. (N.m)</b>
Rocker Arm Cover Bolt <sup>(3)</sup>	70-120 (8-14)
<p>(1) Tighten in sequence. See <b>Fig. 4</b>.</p> <p>(2) Tighten in sequence. See <b>Fig. 3</b>.</p> <p>(3) Starting with middle bolt, tighten in a circular pattern.</p>	