

TORQUE SPECIFICATIONS

All readings in ft. lbs.

Year	Engine	Cylinder	Main	Rod	Crankshaft		Manifold		Spark	Lug
	Engine Displacement ID/VIN Liters (cc)	Head Bolts	Bearing Bolts	Bearing Bolts	Damper Bolts	Flywheel Bolts	Intake	Exhaust	Plugs	Nut
	Step 4: Back off bolts two or three times one at a time									
	Step 5: Long Bolts: 11-18 ft. lbs.									
	Step 6: Short Bolts: 7-15 ft. lbs.									
	Step 7: Rotate 85-95 degrees									
7	Step 1: 37-50 ft. lbs.									
	Step 2: 58-64 ft. lbs.									
8	Step 1: 34-51 ft. lbs.									
	Step 2: 58-65 ft. lbs.									
9	Step 1: Tighten to 20-28 ft. lbs.									
	Step 2: Back off the nuts a minimum of two revolutions									
	Step 3: Apply final torque of 20-25 ft. lbs.									
10	Step 1: 22-26 ft. lbs.									
	Step 2: 33-36 ft. lbs.									
11	Step 1: 11 ft. lbs.									
	Step 2: 18 ft. lbs.									
	Step 3: 24 ft. lbs.									
12	Step 1: 7 ft. lbs.									
	Step 2: 15 ft. lbs.									
	Step 3: 24 ft. lbs.									
13	Step 1: 15-22 ft. lbs.									
	Step 2: 19-24 ft. lbs.									
14	Step 1: 13 ft. lbs.									
	Step 2: 16 ft. lbs.									