Fastener Type		First Pass	Second Pass	Final Pass
Main Caps	Inner Bolts	15 ftlbs.	-	80 degrees
	Outer Studs			51 degrees
	Side Bolts	-		18 ftlbs.
Connecting Rod Bolts	First Design	15 ftlbs.	-	60 degrees
	Second Design			85 degrees
Cylinder Head Bolts	M11 x 2.0 x 155.5	22 ftlbs.	90 degrees	90 degrees
	M11 x 2.0 x 101.0			50 degrees
	M8 x 1.25 x 46.0	-	-	22 ftlbs.
Rocker Arm Bolts		-	-	22 ftlbs.
Intake Manifold Bolts		44 inlbs.	-	89 inlbs.
Oil Pump Bolts		-	-	18 ftlbs.
Camshaft Retainer Plate Bolts		-	-	18 ftlbs.
Camshaft Sprocket Bolts		-	-	26 ftlbs.
Harmonic Balancer	with an old bolt, to seat the balancer	-	-	240 ftlbs.
	With a new bolt, for final assembly	37 ftlbs.	-	140 degrees
Flywheel / Flexplate Bolts		15 ftlbs.	37 ftlbs.	74 ftlbs.
Transmission Bolts		-	-	37 ftlbs
Exhaust Manifold / Header Bolts		11 ftlbs.	-	18 ftlbs.
Camshaft Sensor Bolt		-	-	18 ftlbs.
Crankshaft Position Sensor Bolt		-	-	18 ftlbs.
Front Cover Bolts		-	-	18 ftlbs.
Rear Cover Bolts		-	-	18 ftlbs.
Oil Pan Bolts	Pan to Block	-	-	18 ftlbs.
	Pan to Front Cover			18 ftlbs.
	Pan to Rear Cover			106 inlbs.
Water Pump Bolts		11 ftlbs.	-	22 ftlbs.