



## NASCAR-Approved Spec Engine – Recommended Torques

BOLT	TORQUE	NOTES
Center main cap bolts	55 Ft. Lbs.	Oil
Outer main cap bolts	55 Ft. Lbs.	Oil
Side main cap bolts	22 Ft. Lbs.	Oil
Rod bolts	70-72 Ft. Lbs.	0.0053 – 0.0057 stretch
Distributor drive	60 Ft. Lbs.	Red Loctite
Distributor drive adapter	26 Ft. Lbs.	Red Loctite
Rear cover bolts	22 Ft. Lbs.	Blue Loctite
Front cover bolts	22 Ft. Lbs.	Blue Loctite
Head bolts – big	75 Ft. Lbs.	Sequence: 9-5-1-3-7-10-6-2-4-8
Head bolts – small	22 Ft. Lbs.	Pressure Lube
Rocker arm bolts	22 Ft. Lbs	Thread Sealer (Intake) Pressure Lube (Exhaust)
Oil pan bolts	125 Inch Lbs.	Blue Loctite
Valve cover bolts	60 Inch Lbs.	Oil
Fuel pump bolts	30-35 Ft. Lbs.	Oil
Bellhousing bolts	35 Ft. Lbs.	Pressure Lube or Blue Loctite
Front engine bracket bolts	30-35 Ft. Lbs.	Blue Loctite
Damper bolt	150 Ft. Lbs.	Red Loctite
Front drive bolts	60 Ft. Lbs.	Blue Loctite
Intake manifold bolts	90 Inch Lbs.	Blue Loctite
Flywheel bolts	60 Ft. Lbs.	Red Loctite
Clutch plates	20-22 Ft. Lbs.	Pressure Lube