

## **Torque Specifications**

Based on 1970 specifications, other years and engine variations may be different. Final torque specs are listed, some items require multiple torque steps. Aftermarket parts and procedures may require different torque values. Values below are in foot/lbs.

Component	350	455
Alternator Adjusting Bracket to Water Pump/Timing Cover	20	20
Bellhousing to Cylinder Block		35
Carburetor to Intake Manifold		13
Choke Cover to Intake Manifold	8	8
Crankshaft Bearing Caps to Cylinder Block	95	100
Crankshaft Pulley to Harmonic Balancer	23	23
Connecting Rods		45
Cylinder Head to Cylinder Block	75	100 ②
Distributor Hold Down		13
Exhaust Manifold to Cylinder Head	18	18
Fan Pulley to Water Pump	20	20
Flexplate Inspection Cover		4
Flywheel/Flexplate to Crankshaft		58
Fuel Pump to Timing Cover		20
Harmonic Balancer to Crankshaft		200
Intake Manifold to Cylinder Head	55③	55 ③ ④
Motor Mount to Cylinder Block	63	63
Mounting Brackets to Cylinder Heads	35	35
Oil Filter to Pump Cover	13	13
Oil Pump Cover to Timing Cover	8	8
Oil Pan Drain Plug		30
Oil Pan to Cylinder Block	14	14
Oil Pressure Switch to Cylinder Block	. 23	23
Oil Pump Pressure Regulator	35	35
Oil Screen& Pick Up to Cylinder Block	8	8
Rocker Arm Cover to Cylinder Head	4	4
Rocker Arm Shaft to Cylinder Head	25	25
Spark Plugs	. 15	15
Starter to Cylinder Block	35	35
Starter Brace to Cylinder Block and Starter	11	11
Thermostat Housing to Intake Manifold		20
Timing Chain Cover to Cylinder Block	20	20
Timing Chain Sprocket to Camshaft		22
Water Pump To Timing Cover		7
Windage Tray Mounting		13

- 35 ft/lbs for `68-`72 bolt & nut type, 50ft/lbs for `73 & later cap screw type
- ② Stock specification, see TA instruction sheets for performance applications
- 3 Reduce to 45 lbs. for aluminum intake manifolds
- Reduce to 40 lbs. for aluminum intake manifold and aluminum cylinder heads.