

TIGHTENING REFERENCE

318-340-360 CUBIC INCH ENGINES

	Thread Size	Torque Foot-Pounds
Alternator Adjusting Strap Bolt	5/16"—18	200 in.-lbs.
Alternator Adjusting Strap Mounting Bolt	3/8"—16	30
Alternator Bracket Bolt	3/8"—16	30
Alternator Mounting Pivot Nut	3/8"—16	30
Camshaft Sprocket Lockbolt	7/16"—14	35
Camshaft Thrust Plate	5/16"—18	210 in.-lbs.
Chain Case Cover Bolt (Cast)	3/8"—16	35
Clutch Housing Bolt	3/8"—16	30
	7/16"—14	50
Connecting Rod Nut	3/8"—24	45
Crankshaft Bolt (Vibration Damper)	3/4"—16	100
Cylinder Head Bolt	1/2"—13	95
Cylinder Head Cover	1/4"—20	40 in.-lbs.
Distributor Clamp Bolt	5/16"—18	200 in.-lbs.
Engine Front Mount Insulator to Frame Nut		75
Engine Front Mount Insulator to Engine Nut		55
Engine Rear Mount Insulator to Crossmember Nut		50
Engine Rear Mount Insulator to Extension		50
Engine Rear Mount Crossmember to Frame Nut V,L,B,J,R,W,P,D		75
Exhaust Manifold Screw	5/16"—18	20
Nut	5/16"—24	15
Exhaust Pipe Flange Nut 318-360	7/16"—14	24
340	7/16"—14	50
Fan Blade Attaching Bolts	5/16"—18	200 in.-lbs.
Flex Plate to Converter	5/16"—24	270 in.-lbs.
Flex Plate to Crankshaft	7/16"—20	55
Flywheel to Crankshaft	7/16"—20	55
Fuel Pump Attaching Bolt	3/8"—16	30
Floor Jets	9/16"—12	25
Intake Manifold Bolt	3/8"—16	35
Main Bearing Cap Bolt	1/2"—13	85
Oil Pan Drain Plug	1/2"—20	20
Oil Pan Screw	5/16"—18	200 in.-lbs.
Oil Pump Cover Bolt	1/4"—20	95 in.-lbs.
Oil Pump Attaching Bolt	3/8"—16	30
Oil Filter Attaching Stud	3/4"—16	50
Oil Pressure Gauge Sending Unit	1/8" NPTF	60 in.-lbs.
Rocker Shaft Bracket Bolt	5/16"—18	200 in.-lbs.
Spark Plug	14mm	30
Starter Mounting Bolt	7/16"—14	50
Temperature Gauge Sending Unit	1/8" NPTF	60 in.-lbs.
Water Pump to Housing Bolt	3/8"—16	30
A/C Compressor Bracket to Water Pump Bolt	3/8"—16	30
A/C Compressor to Bracket Nut	7/16"—14	50
A/C Compressor Support Bolts	3/8"—16	30