

SPECIFICATIONS

	302	351	460
Horsepower	180 @ 4000 RP	230 @ 4200 RPM	320 @ 4600 RPM
Compression Ratio	8.0 to 1	8.0 to 1	8.0 to 1 or 8.35 to 1
Bore and Stroke	4.00 x 3.00	4.00 x 3.50	4.36 x 3.85
Fuel Requirement	Leaded Regular or Low-Lead Regular Gasoline		Leaded Regular Gasoline
Carburetor	2BBL	4BBL	4BBL
RPM, Idle	850 RPM	850 RPM	850 RPM
Spark Plugs			
Plugs	Autolite BRE-3M	Autolite BRE-3M	Autolite ARF-32
Gap Setting	.035"	.035"	.035"
Torque	15-20 (Ft.-Lbs.)	15-20 (Ft.-Lbs.)	10-15 (Ft.-Lbs.)
Distributor Timing (Initial)	10° @ 850 RPM	10° @ 850 RPM	10° @ 1100 RPM (Crankshaft)
Distributor Timing (Total)	37° @ 4000 RPM	37° @ 4000 RPM	40° @ 4000 RPM
Contact Spacing	Mallory .019-.021 or Prestolite .014-.019		0.014" to 0.019"
Contact Points Dwell Angle	Mallory 26° or Prestolite 31°		31°
Crankcase Capacity	Front Sump 5 Quarts, Rear Sump 4 Quarts		4 Quarts
with Oil Filter	Plus 1 Quart		Plus 1 Quart
Oil Pressure	35-65 PSI @ 2000 RPM		35-65 @ 2000 RPM
Thermostat	Berkeley S-17469		Berkeley S-17979
Raw Salt Water Cooling	143°		160°
Raw Fresh Water	160°		160°
Closed Cooling	195°		160°
Timing Mark Location	Harmonic Balancer		Harmonic Balancer
Firing Order	1-3-7-2-6-5-4-8		1-5-4-2-6-3-7-8
Recommended Battery	12 Volt, 90 Plate, 74 Ampere Hours		12 Volt, 90 Plate, 74 Ampere Hours
Terminal Ground	Negative		Negative
Fan Belt Tension	110 Lbs.		110 Lbs.
Fan Belt	38° x 15/32 x 39/72" Ford No. CP9Z-8620-R		Dayco 15385
Spark Plug Wires	Radio Suppression Type		Radio Suppression Type
Oil Filter Element	Motorcraft FL-1		Motorcraft FL-300
Fuel Filter (If Equipped)	Ford No. D2JL-2155-A (Carter No. A-6474)		Ford No. FG-9 (Carter No. 30-125)
Contact Point Set	Mallory No. 25042 or Ford No. D3JL-12150-A		Ford No. D3JL-12150-A
Condenser	Mallory No. 400		Ford No. 1BB-204253-3
Distributor Cap	Mallory No. 209-B or Ford No. D3JL-12106B		Ford No. D3JL-12106-B
Rotor	Mallory No. 309 or Ford No. D3JL-12200-A		Ford No. D3JL-12200-A
P.C.V. Valve	Ford No. DOAZ-6A666-A		Ford No. D3OZ-6A666-A