

Quick Reference Data

TUNE-UP SPECIFICATIONS

Engine cyl./hp or displacement	Spark plugs		Breaker points		Timing (degrees BTDC)	Idle speed (rpm)	Fuel pump (psi)
	Type	Gap (in.)	Dwell (degrees)	Gap (in.)			
1964							
2/88 hp	AC-M42K	0.030	—	0.020	TDC	600-700	9.0
4/110 hp	AC-46N	0.035	30	0.016-0.019	4	500-600	3.5-4.5
V6/150 hp	AC-M43S	0.035	30	0.016-0.019	5	550-650	4.0-5.75
1965							
2/90 hp	AC-M42K	0.030	—	0.020	TDC	600-700	9.0
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
V6/150 hp	AC-M43S	0.035	30	0.016-0.019	5	550-650	4.0-5.75
1966							
4/90 hp	AC-M42K	0.030	—	0.020	TDC	600-700	9.0
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
V6/150 hp	AC-M43S	0.035	30	0.016-0.019	5	550-650	4.0-5.75
V8/200 hp	AC-M43S	0.035	30	0.016-0.019	2.5	550-650	4.0-5.75
1967							
4/90 hp	AC-M42K	0.030	—	0.020	TDC	600-700	9.0
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
V6/155 hp	AC-M43S	0.035	30	0.016-0.019	5	550-650	4.0-5.75
V8/185 hp	AC-C43	0.035	29	0.019	8	550-650	7-9
V8/200 hp	AC-M43S	0.035	30	0.016-0.019	2.5	550-650	4.0-5.75
1968							
4/80 hp	AC-R43N	0.025	39	0.025	8	580-650	1-2
4/90 hp	AC-M42K	0.030	—	0.020	TDC	600-700	9.0
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
V6/155 hp	AC-M43S	0.035	30	0.016-0.019	5	550-650	4.0-5.75
V8/185 hp	AC-C43	0.035	29	0.020	8	550-650	7-9
V8/200 hp	AC-C43	0.035	30	0.016-0.019	8	550-650	7-9
1969							
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
V6/155 hp	AC-M43S	0.035	30	0.016-0.019	5	550-650	4.0-5.75
V8/210 hp	AC-C43S	0.035	30	0.016-0.019	10	550-650	7-9
1970							
4/90 hp	AC-R43N	0.025	39	0.025	8	580-650	1-2
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
V6/155 hp	AC-M43S	0.035	30	0.016-0.019	5	550-650	4.0-5.75
V8/210 hp	AC-CR43K	0.035	30	0.016-0.019	10	550-650	7-9

(continued)

TUNE-UP SPECIFICATIONS (continued)

Engine cyl./hp or displacement	Spark plugs		Breaker points		Timing (degrees BTDC)	Idle speed (rpm)	Fuel pump (psi)
	Type	Gap (in.)	Dwell (degrees)	Gap (in.)			
1971							
4/90 hp	AC-R43N	0.025	39	0.025	8	580-650	1-2
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
V6/155 hp	AC-MR43S	0.035	30	0.016-0.019	5	550-650	4.0-5.75
V8/215 hp	AC-CR43K	0.035	30	0.016-0.019	10	550-650	7-9
V8/235 hp	AC-CR43K	0.035	30	0.016-0.019	3	600-650	7-9
1972							
4/100 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
V6/155 hp	AC-MR43S	0.035	30	0.016-0.019	5	550-650	4.0-5.75
6/165 hp	AC-MR43T	0.035	31	0.016-0.019	6	500-600	3.5-4.5
V8/225 hp	AC-MR43T	0.035	30	0.016-0.019	10	550-650	7-9
V8/245 hp	AC-MR43T	0.035	30	0.016-0.019	10	600-650	7-9
1973							
4/100 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
4/140 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	4.0-5.75
6/165 hp	AC-MR43T	0.035	31	0.016-0.019	6	500-600	3.5-4.5
V8/225 hp	AC-MR43T	0.035	30	0.016-0.019	10	550-650	7-9
V8/245 hp	AC-MR43T	0.035	30	0.016-0.019	10	600-650	7-9
1974							
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
4/140 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
6/165 hp	AC-MR43T	0.035	31	0.016-0.019	6	500-600	5-6
V8/170 hp	AC-MR43T	0.030	31	0.016-0.019	6	500-600	3.5-4.5
V8/190 hp	AC-MR43T	0.030	31	0.016-0.019	10	500-600	5-6
V8/225 hp	AC-MR43T	0.035	30	0.016-0.019	10	550-650	7-9
V8/245 hp	AC-MR43T	0.035	30	0.016-0.019	10	600-650	7-9
1975							
4/120 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
4/140 hp	AC-C44N	0.035	31	0.016-0.019	4	500-600	3.5-4.5
6/165 hp	AC-MR43T	0.035	31	0.016-0.019	6	500-600	3.5-4.5
V8/175 hp	AC-MR43T	0.030	31	0.016-0.019	10	500-600	5-6
V8/190 hp	AC-MR43T	0.030	31	0.016-0.019	10	500-600	5-6
V8/225 hp	AC-MR43T	0.035	30	0.016-0.019	10	550-650	7-9
V8/235 hp	AC-MR43T	0.030	31	0.016-0.019	10	500-600	5-6
V8/245 hp	AC-MR43T	0.035	30	0.016-0.019	10	600-650	7-9
1976							
4/120 hp	AC-MR43T	0.035	31	0.016-0.019	4	500-600	4.0-5.75
4/140 hp	AC-MR43T	0.035	31	0.016-0.019	4	500-600	4.0-5.7
56/165 hp	AC-MR43T	0.035	31	0.016-0.019	6	500-600	3.5-4.5
V8/175 hp	AC-MR43T	0.030	29	0.017	10	500-600	7-9
V8/190 hp	AC-MR43T	0.030	29	0.017	10	500-600	7-9
V8/225 hp	AC-MR43T	0.035	30	0.016-0.019	10	550-650	7-9
V8/235 hp	AC-MR43T	0.030	29	0.017	10	500-600	7-9

(continued)

TUNE-UP SPECIFICATIONS (continued)

Engine cyl./hp or displacement	Spark plugs		Breaker points		Timing (degrees BTDC)	Idle speed (rpm)	Fuel pump (psi)
	Type	Gap (in.)	Dwell (degrees)	Gap (in.)			
1977							
4/120 hp	AC-MR43T	0.035	31	0.016-0.019	4	500-600	4.0-5.75
4/140 hp	AC-MR43T	0.035	31	0.016-0.019	4	500-600	4.0-5.75
V8/175 hp	AC-MR43T	0.030	29	0.017	10 ¹	500-600	7-9
V8/190 hp	AC-MR43T	0.030	29	0.017	10 ²	500-600	7-9
V8/235 hp	AC-MR43T	0.030	29	0.017	10 ³	500-600	7-9
1978							
4/120 hp	AC-MR43T	0.035	31	0.016-0.019	4	500-600	4.0-5.75
4/140 hp	AC-MR43T	0.035	31	0.016-0.019	4	500-600	4.0-5.75
V8/185 hp	AC-MR43T	0.035	30	0.018	7	550-650	7-9
V8/225 hp	AC-MR43T	0.035	30	0.018	7	550-650	7-9
V8/240 hp	AC-MR43T	0.035	31	0.018	6	500-600	7-9
1979							
4/120 hp	AC-MR43T	0.035	31	0.016-0.019	4	500-600	4.0-5.75
4/140 hp	AC-MR43T	0.035	31	0.016-0.019	4	500-600	4.0-5.75
V8/185 hp	AC-MR43T	0.035	30	0.018	7 ⁴	550-650	7-9
V8/200 hp	AC-MR43T	0.035	30	0.018	7 ⁴	550-650	7-9
V8/230 hp	AC-MR43T	0.035	30	0.018	7 ⁴	550-650	7-9
V8/250 hp	AC-MR43T	0.030	29	0.017	6	500-600	7-9
V8/260 hp	AC-MR43T	0.035	30	0.018	10	550-650	7-9
1980							
4/120 hp	AC-MR43T	0.035	31-34	0.016-0.019	4	500-600	3.5-6.0
4/140 hp	AC-MR43T	0.035	31-34	0.016-0.019	4	500-600	3.5-6.0
V8/185 hp	AC-MR43T	0.035	30	0.018	13	500-600	5.75-7.0
V8/200 hp	AC-MR43T	0.035	30	0.018	13	500-600	5.75-7.0
V8/230 hp	AC-MR43T	0.035	30	0.018	13	500-600	5.75-7.0
V8/260 hp	AC-MR43T	0.035	30	0.018	10	500-600	5.75-7.0
1981-1985							
4/2.5L	AC-MR43T	0.035	31-34	0.016-0.019	4	500-600	3.5-6.0
4/3.0L	AC-MR43T	0.035	31-34	0.016-0.019	4	500-600	3.5-6.0
V6/3.8L	AC-MR44T	0.035	39 ⁵	0.016-0.019	10	500-600	5.75-7.0
V8/5.0L	AC-MR44T	0.030	30	0.018	13	500-600	5.75-7.0
V8/5.7L	AC-MR43T	0.030	30	0.018	10	500-600	5.75-7.0
1986							
4/2.5L	AC-MR43T	0.035	31-34	0.019	1 ATDC	500-600	3.5-6.0
4/3.0L	AC-MR43T	0.035	31-34	0.019	1 ATDC	500-600	3.5-6.0
V6/4.3L	AC-MR43T	0.035	39	0.018	1	500-600	5.75-7.0
V8/5.0L	AC-MR43T	0.030-0.035	30	0.018	8	500-600	5.75-7.0
V8/5.7L	AC-MR43T	0.030-0.035	30	0.018	5	500-600	5.75-7.0
<ol style="list-style-type: none"> Models 990240G and 990241G—6° BTDC. Models 990231G and 990232G—6° BTDC. Models 990240G and 990241G—6° BTDC. Lightweight heads—13° BTDC. 1984-1985—36°. 							

ENGINE OIL VISCOSITY

Anticipated temperature range	Recommended viscosity
Above 32° F (0° C)	SAE 30*
Zero° F (-18° C) to 32° F (0° C)	SAE 20W
Below zero° F (-18° C) or adverse operating conditions	SAE 10W

*Use SAE 40 (90 hp) or SAE 30 (all others) for sustained high-speed operation.

APPROXIMATE OMC ENGINE OIL CAPACITIES

Engine	With filter	Capacity*	Without filter
Inline 4-cylinder			
90 hp	4.3 qt.		3.9 qt.
All others	4.0 qt.		3.5 qt.
Inline 6-cylinder and 3.8/4.3L V6	4.5 qt.		4.0 qt.
225 cid V6 and 5.0L 2-bbl. V8	5.0 qt.		4.0 qt.
All others	6.0 qt.		5.0 qt.

*All capacities in this table are approximate. To assure correct oil level and prevent overfilling the engine, always use the dipstick as recommended in the text.

RECOMMENDED LUBRICANTS, SEALANTS & ADHESIVES

Lubricant	Application
OMC Premium 4-cycle motor oil	Engine crankcase, tilt unit gearcase
OMC HI-VIS gearcase lubricant	Series 400 and 800 upper and lower gearcase, intermediate housing
OMC Premium Blend gearcase lubricant	All Electric Shift upper and lower gearcase, intermediate housing, Ford hydraulic trim pump
OMC Triple-Guard grease	Swivel and tilt bearings, tilt gear
OMC Extreme Pressure grease	SelecTrim jack screw and worm
OMC Needle Bearing grease	Bearings
OMC Rust Preventative	Engine
OMC 2+4 Fuel Conditioner	Fuel tank
OMC Power Tilt and Trim fluid	Power steering pump, GM hydraulic trim pump

SEALANTS AND ADHESIVES

OMC Black Neoprene Dip (part No. 909570)
 OMC Pipe Sealant with Teflon (part No. 910048)
 OMC Gasket Sealing compound (part No. 317201)
 Permatex No. 2 (part No. 910032)
 RTV adhesive sealant (part No. 909078)
 OMC Locquic primer (part No. 384884)
 OMC Ultra Lock (part No. 388517)
 OMC Nut Lock (part No. 384849)
 OMC Spline Lock (part No. 981294)
 Scotch-Grip rubber adhesive 1300 (part No. 982551)
 OMC Gel Seal/Gasket Remover