

1972

Model	HP	Cu. In. Displacement	Full Throttle RPM Range	Bore	Stroke	Spark Plug	Spark Plug Setting	Ignition Type	Point Setting
40	4	5.5 (90cc)	4500-5500	2" (51mm)	1-3/4" (44mm)	2 or 3	Perma Gap	Thunderbolt Phase-Maker	.020" (.51mm)
75	7.5	10.9 (179cc)	4500-5500	2" (51mm)	1-3/4" (44mm)	2 or 3			.020" (.51mm)
110	9.8	10.9 (179cc)	4500-5500	2" (51mm)	1-3/4" (44mm)	2 or 3			.020" (.51mm)
200	20	21.9 (359cc)	4800-5500	2-9/16" (65mm)	2-1/8" (54mm)	2 or 3			.020" (.51mm)
402	40	33.3 (546cc)	4800-5300	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3		Thunderbolt Breakerless	None
500	50	43.8 (718cc)	4800-5500	2-9/16" (65mm)	2-1/8" (54mm)	1 or 3			
650 (3-Cyl.)	65	49.8 (816cc)	4800-5300	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			
800	80	66.6 (1091cc)	4800-5300	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			
1150	115	99.8 (1635cc)	4800-5300	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			
1400	140	99.8 (1635cc)	4800-5800	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			

1973

40	4	5.5 (90cc)	4500-5500	2" (51mm)	1-3/4" (44mm)	2 or 3	Perma Gap	Thunderbolt Phase-Maker	.020" (.51mm)
75	7.5	10.9 (179cc)	4500-5500	2" (51mm)	1-3/4" (44mm)	2 or 3			.020" (.51mm)
110	9.8	10.9 (179cc)	4500-5500	2" (51mm)	1-3/4" (44mm)	2 or 3			.020" (.51mm)
200	20	21.9 (359cc)	4800-5500	2-9/16" (65mm)	2-1/8" (54mm)	2 or 3			
402	40	33.3 (546cc)	4800-5300	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3		Thunderbolt Breakerless	None
500	50	43.8 (718cc)	4800-5500	2-9/16" (65mm)	2-1/8" (54mm)	1 or 3			
650 (3-Cyl.)	65	49.8 (816cc)	4800-5300	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			
850 (4-Cyl.)	85	66.6 (1091cc)	4800-5500	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			
1150	115	99.8 (1635cc)	4800-5300	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			
1500	150	99.8 (1635cc)	4800-5800	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			

1974

40	4	5.5 (90cc)	4500-5500	2" (51mm)	1-3/4" (44mm)	2 or 3	Perma Gap	TB Ph-Maker	.020" (.51mm)
75	7.5	10.9 (179cc)	4500-5500	2" (51mm)	1-3/4" (44mm)	1 or 3		Thunderbolt Breakerless	None
110	9.8	10.9 (179cc)	4500-5500	2" (51mm)	1-3/4" (44mm)	1 or 3			
200	20	21.9 (359cc)	4800-5500	2-9/16" (65mm)	2-1/8" (54mm)	2 or 3			
402	40	33.3 (546cc)	4800-5300	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			
500	50	43.8 (718cc)	4800-5500	2-9/16" (65mm)	2-1/8" (54mm)	1 or 3			
650 (3-Cyl.)	65	49.8 (816cc)	4800-5300	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			
850 (4-Cyl.)	85	66.6 (1091cc)	4800-5500	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			
1150	115	99.8 (1635cc)	4800-5300	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			
1500	150	99.8 (1635cc)	4800-5800	2-7/8" (73mm)	2-9/16" (65mm)	1 or 3			

1 - AC-V40FFM or Champion L-77V

2 - AC-V40FFK or Champion L-78V

3 - AC-VR40FF Radio Noise Interference