

SPECIFICATIONS

Models	4904 Weedless gearcase, standard length 4932 standard gearcase, standard length 4933 standard gearcase, long shaft	MISCELLANEOUS					
POWERHEAD		Speed control	Single lever, synchronized throttle and spark				
*Horsepower (B.I.A. - certified)	4 hp (2.8 kW) at 4500 rpm	Weight	Weedless - 38.0 lbs. (17.2 kg) Standard - 38.0 lbs. (17.2 kg)				
Full throttle operating range	4000 to 5000 rpm	Starter	Automatic rewind - nylon rope				
Test tank rpm with test wheel	3800 rpm Part No. 316021 for Weedless 4550 rpm Part No. 317738 for Standard	IGNITION SYSTEM					
Idle rpm	600 rpm	Ignition	Flywheel magneto, breakerless C.D.				
Engine type	2-cylinder, 2 stroke cycle alternate firing	Spark plug	AC-M40FFX Champion L77J4, - 14 mm				
Bore and stroke	1-9/16" (39.69 mm) bore x 1-3/8" (34.93 mm) stroke	Spark plug gap	.040 inch (1.0 mm)				
Piston displacement	5.28 cubic inches (87 cm ³)	Spark plug torque	17-1/2 - 20-1/2 foot-pounds (24 - 27 N.m)				
Piston ring sets (2 per set) standard	Part Number 383920	Ignition Coil	Part No. 581998				
0.030" oversize	Part Number 384312	IGNITION COIL TEST SPECIFICATIONS					
Width of ring	0.0625-0.0615 in. (1.588 - 1.562 mm)	Stevens Model ST-75					
Piston assembly standard	Part Number 388726	Reverse Polarity (Switch Setting CD) 1.2					
0.030" oversize	Part Number 388728	Stevens Tester Model M.A.-75 or M.A.-80					
0.020" oversize	Part Number 388727	<table border="1"> <thead> <tr> <th>Switch **A</th> <th>Index Adjustment</th> </tr> </thead> <tbody> <tr> <td></td> <td>20</td> </tr> </tbody> </table>		Switch **A	Index Adjustment		20
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Crankshaft size top journal	0.751 - 0.7505 in. (19.075 - 19.063 mm)	Merc-O-Tronic with Capacitor Discharge Adapter Model 55-980					
center journal	0.6690 - 0.6685 in. (16.993 - 16.980 mm)	Operating Amperage	Primary Resistance				
bottom journal	0.7502 - 0.7498 in. (19.055 - 19.045 mm)		**Secondary Continuity				
Crank pin size	0.6700 - 0.6695 (17.018 - 17.005 mm)	1.4	0.1 Ohm OR LESS				
FUEL SYSTEM			275 ± 10				
Carburetion	Single barrel float feed, with fixed high and adjustable low-speed jet, manual choke	**Use Model CD-1 Adapter Red test clip to orange/black Black test clip to orange					
Float level setting	Between steps on gage 324891	Graham Tester Model 51					
Inlet needle seat	0.063 - 0.060 (1.60 - 1.52 mm) Use a 1/16 drill as gage.	Maximum Secondary 1,000 ohms					
Fuel tank capacity	1.35 quarts (1,28 litres)	Maximum Primary 0.5 ohm					
LOWER UNIT		Coil Index 50					
Cooling system	Combination positive displacement and centrifugal pump.	Coil Test Minimum AMPLIFIED 17 (With secondary circuit "open.") Hi tension lead disconnected					
Propeller gear ratio	17:28 Weedless 12:25 Standard	Gap Index 50 (Coil must fire spark gap on tester at this setting.)					
Propeller drive pin	Part Number 316558	IGNITION COIL OHMMETER TEST					
Propeller	Standard - 7-1/2" dia x 6" pitch, 3 blade plastic	Primary (Low Ohms)	Secondary (High Ohms)				
Propeller	Weedless - 6-1/4" dia x 6" pitch, 2 blades plastic	0.1 ± 0.05	275 ± 50				