

SPECIFICATIONS

<p>Model J10RCS, J15RCS - Standard length Numbers (15" transom) (381 mm) Manual start J10RLSC, J15RLSC - Long shaft (20" transom) (508 mm) Manual start J15ECS - Standard length (15" transom) (381 mm) Electric start J10ELCS, J15ELCS - Long shaft (20" transom) (508 mm) Electric start J10SELCS - Long shaft, electric start with reverse thrust kit</p>	<p>Speed control On steering handle Remote control available Forward, neutral and reverse Models J10RSC, J15RCS 72 lbs. (32.7 kg) Models J10RLSC, J15RLSC - 77 lbs. (34.5 kg) Model J15ECS - 77 lbs. (35.2 kg) Models J10ELCS, J15ELSC - 82 lbs. (37.0 kg) Model J10SELCS - 82 lbs. (37.0 kg) Fuel tank weight 11 pounds (5.0 kg) net 6 gallons (22.7 litres) Electrical system (Electric start models only) 5 amp flywheel alternator Manual - Self-winding Electric - 12 volt, and rope</p>						
<p>9.9 Horsepower (7 kW) (B.I.A. certified at 5000 rpm Full throttle operating range 4500 to 5500 rpm Test wheel Part Number 386537 Tank Test - 5400 rpm standard 4200 rpm with reverse thrust kit 15 Horsepower (10.6 kW) (B.I.A. certified at 6000 rpm Full throttle operating range 5500 to 6500 rpm Test wheel Part Number 386537 Tank test - 6200 rpm standard 4800 rpm with reverse thrust kit</p>	<p>Fuel capacity Starter Starter amperage draw while cranking Ignition Spark plug Alternate spark plug Spark plug torque Charge coil resistance Rope Electric Ignition coil</p>						
<p>Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke 2.188" bore x 1.760" stroke (55.58 x 44.70 mm) Piston displacement 13.20 cubic inches (216 cm³) Piston ring sets (2 per set) standard Part Number 386279 0.030" oversize Part Number 386280 Width of ring Upper - 0.0700 - 0.0695 in. (1.778 - 1.765 mm) Lower - 0.0615 - 0.0625 in. (1.562 - 1.588 mm) Piston less rings standard Part Number 387660 0.030" oversize Part Number 387661 Crankshaft size Top journal 0.8762 - 0.8757 in. (22.255 - 22.243 mm) Center journal 0.8125 - 0.8120 in. (20.638 - 20.625 mm) Bottom journal 0.8125 - 0.8120 in. (20.638 - 20.625 mm) Connecting rod crank pin 1.0635 - 1.0630 in. (27.013 - 27.000 mm) Carburetion Single barrel, float feed, fixed high speed, adjustable low- speed, manual choke High speed orifice plug (9.9 hp) Part Number 323637 Identification Number 40 High speed orifice plug (15 hp) Part Number 322293 Identification Number 54 Float level setting Between steps on gauge No.324891 Inlet needle seat 0.053 - 0.050" (1.35 - 1.27 mm) Use #55 drill as gauge Cooling system Thermostatically controlled Combination positive displace- ment and centrifugal pump Propeller gear ratio 12:29 Propeller supplied 3 blade, 9-1/2" dia. x 10" pitch with motor Propeller supplied 3 blade, 9-1/4" dia. x 8" pitch with sailboat model Propeller options 3 blade, 10" dia. x 5" pitch 2 blade weedless 9" dia. x 10" pitch</p>	<p>55 Amps max. Breakerless CD magneto Champion L78V or ACV40FFK Champion L77J4 or AC M40FFX gapped at 0.040" (1.0 mm) 17-1/2 - 20-1/2 ft-lbs (24 - 27 N·m) 575 ± 75 ohms 475 ± 75 ohms Part No. 581998</p>						
<p>IGNITION COIL TEST SPECIFICATIONS</p>							
<p>Stevens Model ST-75</p>							
<p>Reverse Polarity (Switch Setting CD) 1,2</p>							
<p>Stevens Tester Model M.A.-75 or M.A.-80</p>							
<table border="1"> <tr> <td><u>Switch</u></td> <td><u>Index Adjustment</u></td> </tr> <tr> <td>**A</td> <td>20</td> </tr> </table>		<u>Switch</u>	<u>Index Adjustment</u>	**A	20		
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<p>Merc-O-Tronic with Capacitor Discharge Adapter Model 55-980 (Reverse Polarity)</p>							
<table border="1"> <tr> <td>Operating Amperage</td> <td>Primary Resistance</td> <td>*Secondary Continuity</td> </tr> <tr> <td>1.4</td> <td>0.1 Ohm or Less</td> <td>5 approx.</td> </tr> </table>	Operating Amperage	Primary Resistance	*Secondary Continuity	1.4	0.1 Ohm or Less	5 approx.	
Operating Amperage	Primary Resistance	*Secondary Continuity					
1.4	0.1 Ohm or Less	5 approx.					
<p>**Use Model CD-1 Adapter Red test clip to orange/black Black test clip to orange</p>							
<p>Graham Tester Model 51 Maximum Secondary 1,000 ohms Maximum Primary 0.5 ohm Coil Index 50 Coil Test Minimum AMPLIFIED 17 (With secondary circuit open) Hi tension lead disconnected Gap Index 50 (Coil must fire spark gap on tester at this setting.)</p>							
<p>IGNITION COIL OHMMETER TEST</p>							
<table border="1"> <tr> <td>Primary Low Ohms</td> <td>Secondary High Ohms</td> </tr> <tr> <td>0.1 ± 0.05</td> <td>275 ± 50</td> </tr> </table>	Primary Low Ohms	Secondary High Ohms	0.1 ± 0.05	275 ± 50			
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*Horsepower established at sea level. Allow 2% reduction per 1000' (300 m) above sea level.