SPECIFICATIONS

Model	4006 (Lightwin, weedless, gearcase) 4036 (Yachtwin, standard gearcase)
*Horsepower (B.I.A. - certified)	4 hp at 4500 rpm
Full throttle op.-range	4000 to 5000 rpm
Test tank rpm with test wheel	4200 rpm
Engine type	2-cylinder, 2 cycle alternate firing
Bore and stroke	1-9/16" bore x 1-3/8" stroke
Piston displacement	5.28 cubic inches
Piston ring sets (2 per set)	
standard	Part Number 383920
.020" oversize	Part Number 383921
Diameter of ring	1.563 in. (standard)
Width of ring	.0625 - .0615 in.
Lbs. compression recommended when compressed	2 to 3 lbs.
Piston less rings	
standard	Part Number 383236
.020" oversize	Part Number 383240
Crankshaft size	
top journal	.7520 - .7515 in.
center journal	.6854 - .6849 in.
bottom journal	.6854 - .6849 in.
Connecting rod crank pin	.6255 - .6250 in.
Carburetion	Single barrel float feed, with high and low-speed adjustments manual choke
Float level setting	Flush with casting
Inlet needle seat	.053 - .050 Use a #55 drill as gage.
Cooling system	Centri-matic (combination positive displacement and centrifugal pump).

Propeller gear ratio	17:28 Lightwin 12:25 Yachtwin
Propeller drive pin	Part Number 203230 1/8" x 13/16" stainless steel
Propeller	Yachtwin - Standard - 8" diameter x 5-1/2" pitch, 3 blade Optional - 8" x 4-1/2", 3 blade Lightwin - 6-1/4" diameter x 5-1/2" pitch, 3 blades
Speed control	Single lever, synchronized throttle and spark
Weight	4006 Model - 33 lbs. 4036 Model - 35 lbs.
Hi Lift vacuum fuel system	3 gal. tank and plug in hose
Fuel capacity	3 gallons
Starter	Eas-A-Matic, self-rewinding
Ignition	Flywheel magneto
Spark plug	AC-M42K, Champion J4J, - 14mm
Spark plug gap	.030 inch
Spark plug torque	17-1/2 - 20-1/2 foot-pounds
Breaker point gap	.020 inch
Condenser Capacity	Part Number 580321 .18 to .22 Mfd.

COIL SPECIFICATIONS

Part No. 580416 Coil Test Specifications:

Old Stevens Tester

Switch	Index Reading
A	2.0 - 2.5

New Stevens Tester Model No. M.A.-75

Switch	Index Adjustment
A	24

Merc-O-Tronic

Operating Amperage	Primary Resistance Min. Max.	Secondary Continuity Min. Max.
1.4	.45 - .55	30 - 45

Graham Tester Model 51

Maximum Secondary	Maximum Primary	Coil Index	Minimum Coil Test	Gap Index
4200	1.2	75	33	70

*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.