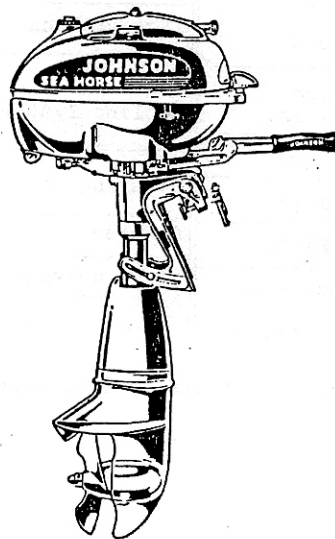


REPAIR PARTS CATALOG

For Model TD-20



JOHNSON MOTORS

WAUKEGAN, ILLINOIS, U.S.A.

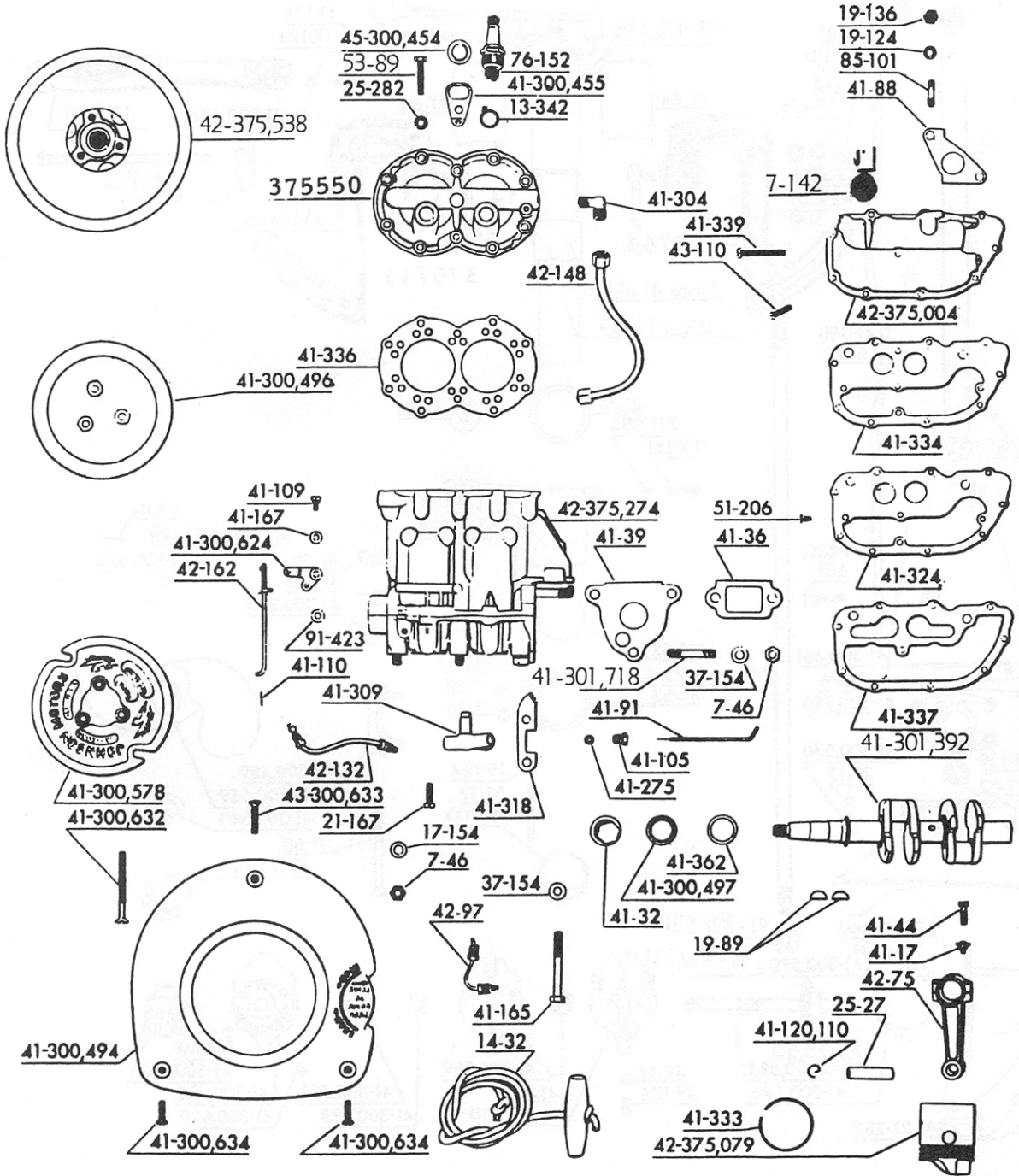
Be Sure to Specify Model and Serial Number of Motor When Ordering Parts

SPECIFICATION CHART

| Mechanical Specifications | Sea-Horse | Sea-Horse | Mechanical Specifications | Sea-Horse | Sea-Horse |
|---------------------------------------|--|--|--------------------------------|--|--|
| | TS(L) | TD(L) | | TS(L) | TD(L) |
| POWER-HEAD | Combination 3-Port Rotary Valve Alternate Firing | Combination 3-Port Rotary Valve Alternate Firing | POWER-HEAD | Combination 3-Port Rotary Valve Alternate Firing | Combination 3-Port Rotary Valve Alternate Firing |
| Bore and Stroke | 1 15/16"x1 1/2" | 1 15/16"x1 1/2" | Ignition | Magneto | Magneto |
| No. of Cylinders | 2 | 2 | Make Carburetor | Own | Own |
| O.B.C. Certified Brake H.P. at R.P.M. | 5.0 4000 | 5.0 4000 | Gear Ratio. | 14-25 | 14-25 |
| Piston Displacement | 8.84 Cu. In. | 8.84 Cu. In. | Type of Exhaust | Underwater | Underwater |
| Weight | 40 Lbs. | 42 Lbs. | Cooling System | Positive Rubber Rotor Pump | Positive Rubber Rotor Pump |
| Propeller Dia.Pitch | 8"x7 1/2" | 8"x7 1/2" | Steering | Full Pivot Cushioned | Full Pivot Cushioned |
| Fuel Tank Capacity | 7 Pints | 7 Pints | Reverse | Yes | Yes |
| Starting | Rope | Ready Pull | Stern Height(Max.) Long Models | 15" 20" | 15" 20" |

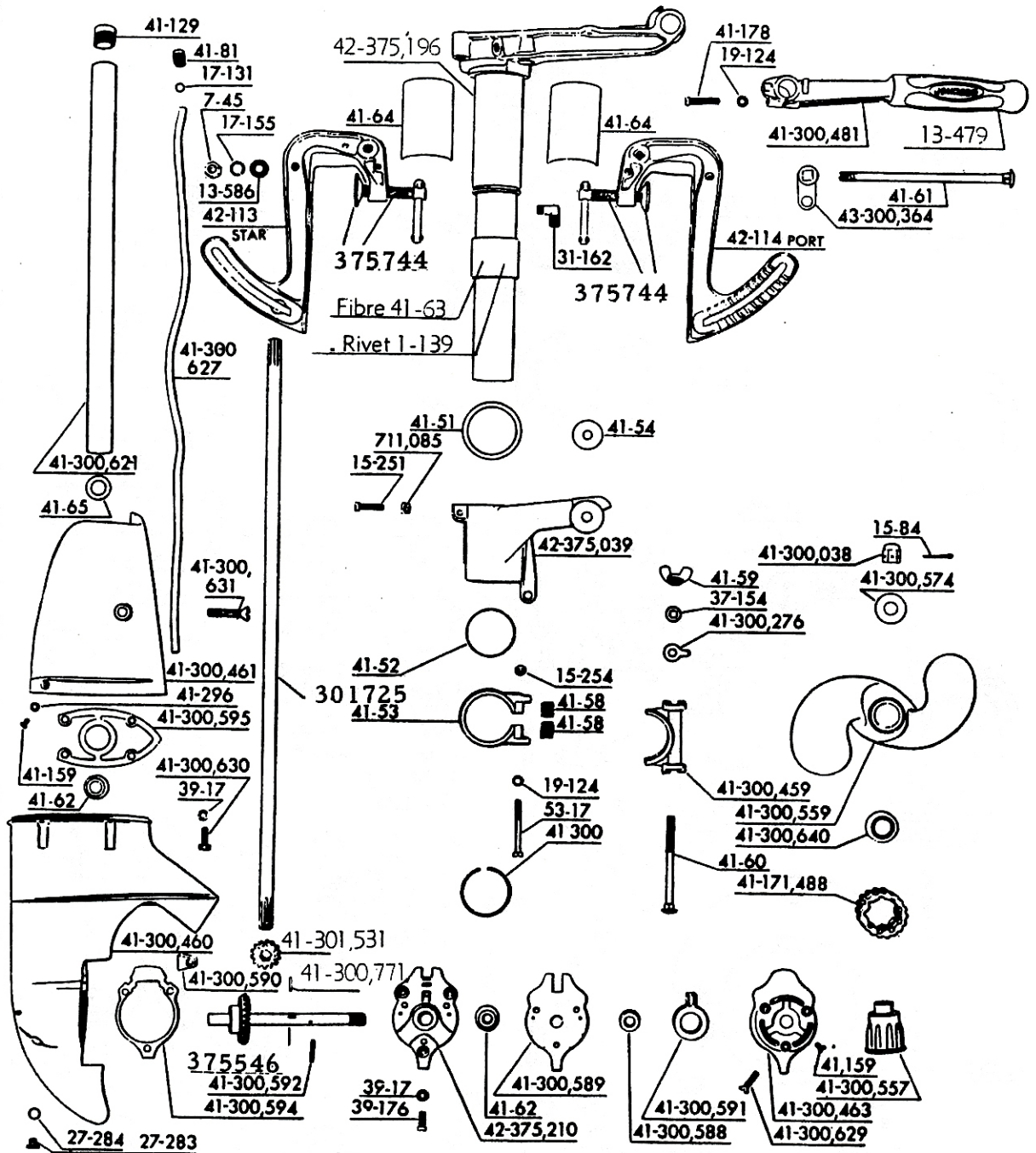
NOTE-The Letter "L" in parenthesis indicates models with extra long drive shaft casing.

POWER HEAD PARTS



Be Sure to Specify Model and Serial Number of Motor When Ordering Parts

LOWER UNIT PARTS



NOTE—Gears are supplied only in matched sets.
Part No. 375546. Includes 301531 Pinion
Gear and 375187 Prop. Shaft and Gear.

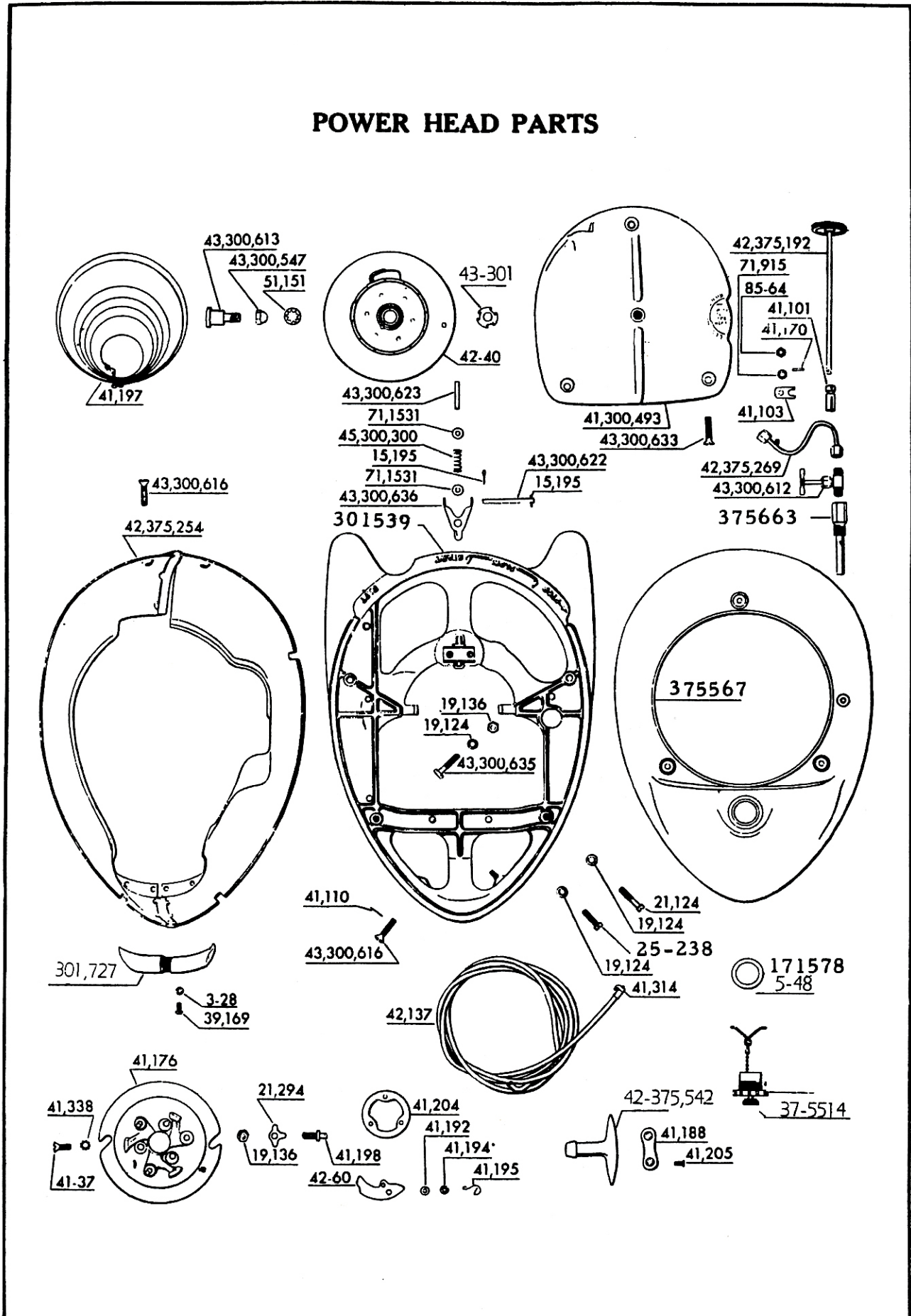
Be Sure to Specify Model and Serial Number of Motor When Ordering Parts

| Part No. | No. Req'd Per Motor | Name of Part |
|--|------------------------|--|
| REPAIR PARTS FOR MODELS TS AND TD MOTORS | | |
| 1-139 | 2 | Rivet - thrust fibre on driveshaft casing |
| 3-28 | 4 | Lockwasher - carrying handle to side cover screw |
| 5-48 | 1 | Gasket - filler cap - cast tank |
| 7-45 | 1 | Nut - tilting shaft |
| 7-46 | 3 | Nut - crankcase to flange and steering bracket |
| 7-142 | 1 | Core plug - muffler |
| 11-61 | 2 | Gland - gasoline line |
| 13-306 | 3 | Gland - slow speed gas line and high speed gas line |
| 13-307 | 2 | Nut - high speed gas line |
| 13-479 | 1 | Grip - steering handle |
| 13-586 | 1 | Washer - tilting shaft nut |
| 15-84 | 1 | Cotter pin - propeller nut |
| 15-195 | 2 | Cotter pin - hinge pin |
| 15-251 | 1 | Screw - swivel bracket |
| 15-254 | 1 | Nut - pilot screw |
| 17-131 | 3 | Gland - water pipe |
| 17-132 | 2 | Nut - water pipe |
| 17-155 | 1 | Lockwasher - tilting shaft nut |
| 19-89 | 2 | Key - crankshaft |
| 19-124 | 16 | Lockwasher - carburetor studs and tank mounting, steering handle screw, mounting plate to crankcase, cylinder screw and gas tank to mounting plate and pilot screw |
| 19-136 | 3 | Nut - carburetor stud and mounting plate to crankcase |
| 21-124 | 4 | Screw - gas tank to mounting plate |
| 21-167 | 5 | Screw-carburetor flange to muffler and cylinder to crankcase |
| 21-295 | 1 | Dowel pin - plug oil hole |
| 21-358 | 4 | Screw - gas tank to bracket |
| 25-27 | 2 | Wrist pin |
| 25-238 | 2 | Screw - mounting plate to cylinder |
| 25-282 | 10 | Lockwasher - cylinder head screws |
| 27-88 | 1 | Elbow - carburetor gas line |
| 27-283 | 1 | Screw - grease plug |
| 27-284 | 1 | Washer - grease plug |
| 27-308 | 1 | Nut - slow speed gas line |
| 31-162 | 1 | Elbow - water pipe |
| 37-154 | 10 | Washer - cylinder to crankcase studs - thrust socket bolt nut end and flange to crankcase |
| 39-17 | 7 | Lockwasher - gearcase head screw and upper and lower gear case screw |
| 39-115 | 3 | Plug - oil holes |
| 39-169 | 4 | Screw - carrying handle to side covers |
| 39-176 | 3 | Screw - gearcase head |
| 41-17 | 4 | Lockplate - connecting rod screws |
| 41-32 | 1 | Nut - crankshaft |
| 41-36 | 1 | Gasket - cylinder to flange |
| 41-39 | 1 | Gasket - power head to lower unit |
| 41-44 | 4 | Screw - connecting rod |
| 41-45 | 1 | Spring - steering handle |
| 41-51 | 1 | Thrust washer - swivel bracket |
| 41-52 | 1 | Lining - pilot band |
| 41-53 | 1 | Pilot band |
| 41-54 | 2 | Thrust washer |
| 41-58 | 2 | Spring - pilot band |
| 41-59 | 1 | Wing nut - thrust socket bolt |
| 41-60 | 1 | Thrust socket bolt |
| 41-61 | 1 | Bolt - tilting shaft |
| 41-62 | 2 | Grease retainer - pinion shaft |
| 41-63 | 1 | Fibre thrust collar |
| 41-64 | 2 | Lining - swivel bracket |
| 41-65 | 1 | Washer - driveshaft tubing |
| 41-81 | 1 | Nut - water pipe - upper |
| 41-88 | 1 | Gasket - carburetor flange |
| 41-91 | 1 | Needle valve - slow speed |
| 41-105 | 3 | Nut - gas line packing |
| 41-109 | 1 | Screw - bell crank |
| 41-110 | 6 | Pin - bell crank to control rod and side cover screw |
| 41-129 | 1 | Nut - inner driveshaft casing |

Be Sure to Specify Model and Serial Number of Motor When Ordering Parts

| Part No. | No. Req'd Per Motor | Name of Part |
|-------------|------------------------|---|
| 41-159 | 2 | Screw - vent plug |
| 41-165 | 2 | Screw - flange to cylinder |
| 41-167 | 1 | Bow washer - bell crank |
| 41-178 | 1 | Screw - steering handle |
| 41-187 | 1 | Oil line - return |
| 41-219 | 1 | Wrench |
| 41-275 | 3 | Packing - slow speed needle valve |
| 41-296 | 1 | Washer - vent screw |
| 41-300 | 1 | Snap ring - flange and steering bracket |
| 41-304 | 1 | Elbow - water tube |
| 41-309 | 1 | Slow speed intake |
| 41-318 | 1 | Support - slow speed needle |
| 41-324 | 1 | Plate - muffler to cylinder |
| 41-328 | 6 | Stud - cylinder to crankcase |
| 41-332 | 1 | Plug - cylinder |
| 41-333 | 6 | Piston rings |
| 41-334 | 1 | Gasket - plate to muffler |
| 41-336 | 1 | Gasket - cylinder head |
| 41-337 | 1 | Gasket - plate to cylinder |
| 41-339 | 1 | Screw - muffler - long |
| 41-340 | 1 | Socket wrench |
| 41-362 | 1 | Oil slinger |
| 41-120, 110 | 4 | Lockring - wrist pin |
| 41-171, 488 | 2 | Propeller ring |
| 41-300, 038 | 1 | Nut - propeller |
| 41-300, 276 | 1 | Lockplate - port, stern bracket |
| 41-300, 455 | 1 | Anchor - ignition leads |
| 41-300, 459 | 1 | Thrust socket |
| 41-300, 460 | 1 | Gearcase - lower |
| 41-300, 461 | 1 | Gearcase - upper |
| 41-300, 463 | 1 | Pump housing |
| 41-300, 481 | 1 | Steering handle |
| 41-300, 494 | 1 | Cover for gas tank |
| 41-300, 496 | 1 | Starter pulley - lower half |
| 41-300, 497 | 1 | Lockwasher - crankshaft nut |
| 41-300, 557 | 1 | Propeller hub |
| 41-300, 559 | 1 | Propeller |
| 41-300, 574 | 1 | Washer - outer - propeller |
| 41-300, 578 | 1 | Starter pulley - upper half |
| 41-300, 588 | 1 | Eccentric - pump |
| 41-300, 589 | 1 | Pump plate |
| 41-300, 590 | 1 | Seal - water tube |
| 41-300, 591 | 1 | Rotor - pump |
| 41-300, 592 | 1 | Propeller drive pin |
| 41-300, 594 | 1 | Gasket - gearcase head |
| 41-300, 595 | 1 | Gasket - upper and lower gearcase |
| 41-300, 621 | 1 | Inner driveshaft casing |
| 41-300, 624 | 1 | Bell crank - carburetor |
| 41-300, 627 | 1 | Water tube - inlet |
| 41-300, 629 | 3 | Screw - pump housing to gear case head |
| 41-300, 631 | 1 | Clamp screw - gear case |
| 41-300, 632 | 3 | Screw - starter pulley |
| 41-300, 634 | 2 | Screw - cover to gas tank |
| 41-300, 640 | 1 | Bushing for propeller |
| 41-300, 661 | 1 | Nut - slow speed gas line |
| 41-300, 771 | 1 | Lock pin - pump eccentric |
| 41-301, 392 | 1 | Crankshaft |
| 41-301, 718 | 3 | Stud - crankcase to drive shaft casing |
| 41-301, 725 | 1 | Drive shaft |
| 43-110 | 9 | Screw - muffler - short |
| 43-128 | 1 | Feeler gauge |
| 43-252 | 1 | Handle - socket wrench |
| 43-300, 364 | 1 | Link - safety chain |
| 43-300, 611 | 2 | Dowel pin - gear case head |
| 43-300, 612 | 1 | Shut-off valve |
| 43-300, 616 | 4 | Screw - side cover to mounting plate |
| 43-300, 622 | 1 | Ratchet pin |
| 43-300, 623 | 1 | Spring pin |
| 43-300, 630 | 4 | Screw - upper and lower gear case |
| 43-300, 633 | 1 | Screw - housing and cover to gas tank |

POWER HEAD PARTS



Be Sure to Specify Model and Serial Number of Motor When Ordering Parts

| Part No. | No. Req'd Per Motor | Name of Part |
|------------|------------------------|--|
| 43-300,635 | 2 | Screw - mounting plate to crankcase |
| 43-300,636 | 1 | Pawl - armature plate ratchet |
| 43-300,637 | 1 | Screw - carrying handle halves |
| 45-300,300 | 1 | Spring - ratchet lever |
| 45-300,346 | 1 | Pin - adjusting rod to sleeve |
| 45-300,454 | 1 | Grommet - ignition leads |
| 51-206 | 4 | Screw - muffler to plate |
| 53-17 | 1 | Screw - pilot band |
| 53-89 | 10 | Screw - cylinder head to cylinder |
| 71-1085 | 1 | Spring - swivel bracket |
| 71-1531 | 2 | Washer - ratchet spring |
| 85-101 | 1 | Stud - carburetor to cylinder and muffler to crankcase |
| 121019 | 1 | Ring - carrying handle screw |
| 171578 | 1 | Gasket - filler cap - pressed tank |
| 301539 | 1 | Mounting plate |
| 301727 | 1 | Carrying handle - port |
| 301727 | 1 | Carrying handle - star |
| 375550 | 1 | Cylinder head |
| 375744 | 2 | Swivel plate - clamp screw |
| 401482 | 1 | Transfer - star |
| 401483 | 1 | Transfer - port |
| 401733 | 1 | Oiling and starting instructions |

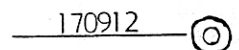
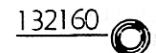
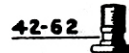
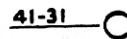
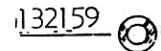
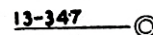
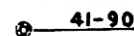
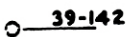
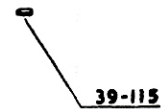
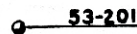
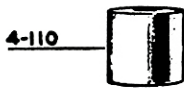
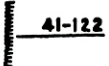
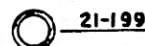
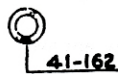
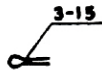
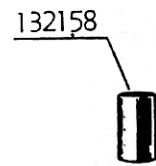
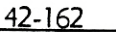
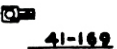
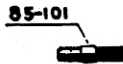
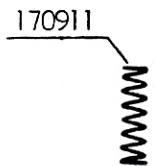
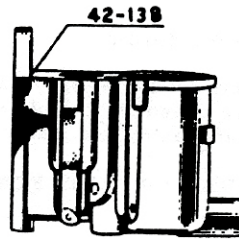
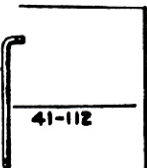
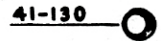
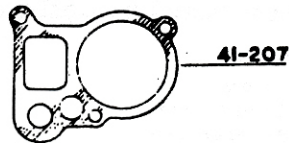
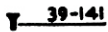
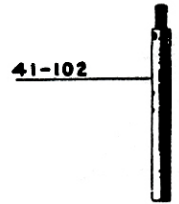
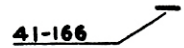
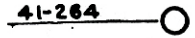
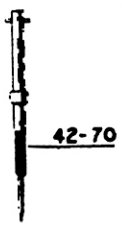
ASSEMBLIES FOR MODELS TS AND TD MOTORS

| | | |
|------------|---|---|
| 14-32 | 1 | Starting cord |
| 42-23 | 1 | Filler cap assembly for gas tank - pressed tank |
| 42-75 | 2 | Connecting rod and lockplate assembly |
| 42-97 | 1 | Oil line assembly - return |
| 42-113 | 1 | Stern bracket and clamp screw assembly - star |
| 42-114 | 1 | Stern bracket and clamp screw assembly - port |
| 42-132 | 1 | Gasoline line assembly - slow speed |
| 42-142 | 1 | Muffler |
| 42-147 | 2 | Piston and connecting rod assembly |
| 42-148 | 1 | Water line assembly - outlet |
| 42-162 | 1 | Control rod - spring and swivel assembly |
| 42-375,039 | 1 | Swivel bracket and screw |
| 42-375,079 | 2 | Piston |
| 42-375,196 | 1 | Drive shaft casing less water tube |
| 42-375,210 | 1 | Gear case head and dowel pin assembly |
| 42-375,254 | 1 | Shroud, carrying handle and strip assembly |
| 42-375,266 | 1 | Tool kit assembly |
| 42-375,267 | 1 | Stern bracket and thrust socket assembly |
| 42-375,269 | 1 | Gasoline line - high speed |
| 42-375,270 | 1 | Lower unit - complete - less propeller |
| 42-375,272 | 1 | Gearcase assembly with gears and shafts |
| 42-375,274 | 1 | Cylinder and crankcase assembly |
| 42-375,276 | 1 | Drive shaft casing and water tube assembly |
| 42-375,297 | 1 | Steering handle and grip assembly |
| 42-375,514 | 1 | Filler cap - die cast tank |
| 42-375,538 | 1 | Flywheel |
| 42-375,546 | 1 | Gear set |
| 375546 | 1 | Propeller shaft and gear |
| 375567 | 1 | Gas tank with transfer |
| 375663 | 1 | Connector and screen assembly - gas tank |
| 375744 | 2 | Clamp screw and handle assembly |

PARTS FOR MODEL TD THAT DIFFER FROM THOSE USED ON MODEL TS MOTOR

| | | |
|--------|---|------------------------------|
| 19-136 | 3 | Nut - pawl to starter pulley |
| 21-294 | 3 | Lockplate - pawl to dome pin |
| 41-37 | 3 | Screw - starter pulley |
| 41-176 | 1 | Starter pulley |
| 41-188 | 1 | Plate - rope handle |
| 41-192 | 3 | Washer - equalizer |
| 41-194 | 3 | Snap ring - pawl pin |
| 41-195 | 3 | Spring |
| 41-197 | 1 | Main starter spring |
| 41-198 | 3 | Pin - pawl to dome |

CARBURETOR PARTS



Be Sure to Specify Model and Serial Number of Motor When Ordering Parts

| Part No. | No. Req'd Per Motor | Name of Part |
|----------|------------------------|--------------|
|----------|------------------------|--------------|

PARTS FOR MODEL TD THAT DIFFER FROM TS - continued

| | | |
|-------------|---|-----------------------------------|
| 41-204 | 1 | Equalizer - starter |
| 41-205 | 2 | Screw - clamp plate to handle |
| 41-314 | 1 | Anchor - starter cord |
| 41-338 | 3 | Lockwasher - starter pulley screw |
| 41-300, 493 | 1 | Starter housing |
| 43-301 | 1 | Washer - shoulder screw |
| 43-300, 547 | 1 | Nut - starter - acorn |
| 43-300, 613 | 1 | Shoulder screw - starter |
| 51-151 | 1 | Washer - shoulder screw |

ASSEMBLIES FOR MODEL TD THAT DIFFER FROM THOSE
USED ON MODEL TS MOTOR

| | | |
|-------------|---|--------------------------------------|
| 42-40 | 1 | Starter pulley and ratchet assembly |
| 42-60 | 3 | Pawl and post assembly |
| 42-87 | 1 | Starter pulley and pawl pin assembly |
| 42-137 | 1 | Starting cord and anchor assembly |
| 42-375, 265 | 1 | Starter housing assembly |
| 42-375, 542 | 1 | Handle - starter |

PARTS FOR MODELS TSL AND TDL THAT DIFFER FROM
THOSE USED ON MODELS TS AND TD MOTORS

| | | |
|-------------|---|--------------------------|
| 19-124 | 1 | Washer |
| 27-17 | 1 | Screw |
| 41-16 | 1 | Thrust socket |
| 41-55 | 1 | Reverse lock |
| 41-300, 669 | 1 | Inner drive shaft casing |
| 41-300, 672 | 1 | Water tube - inlet |
| 41-301, 726 | 1 | Drive shaft |

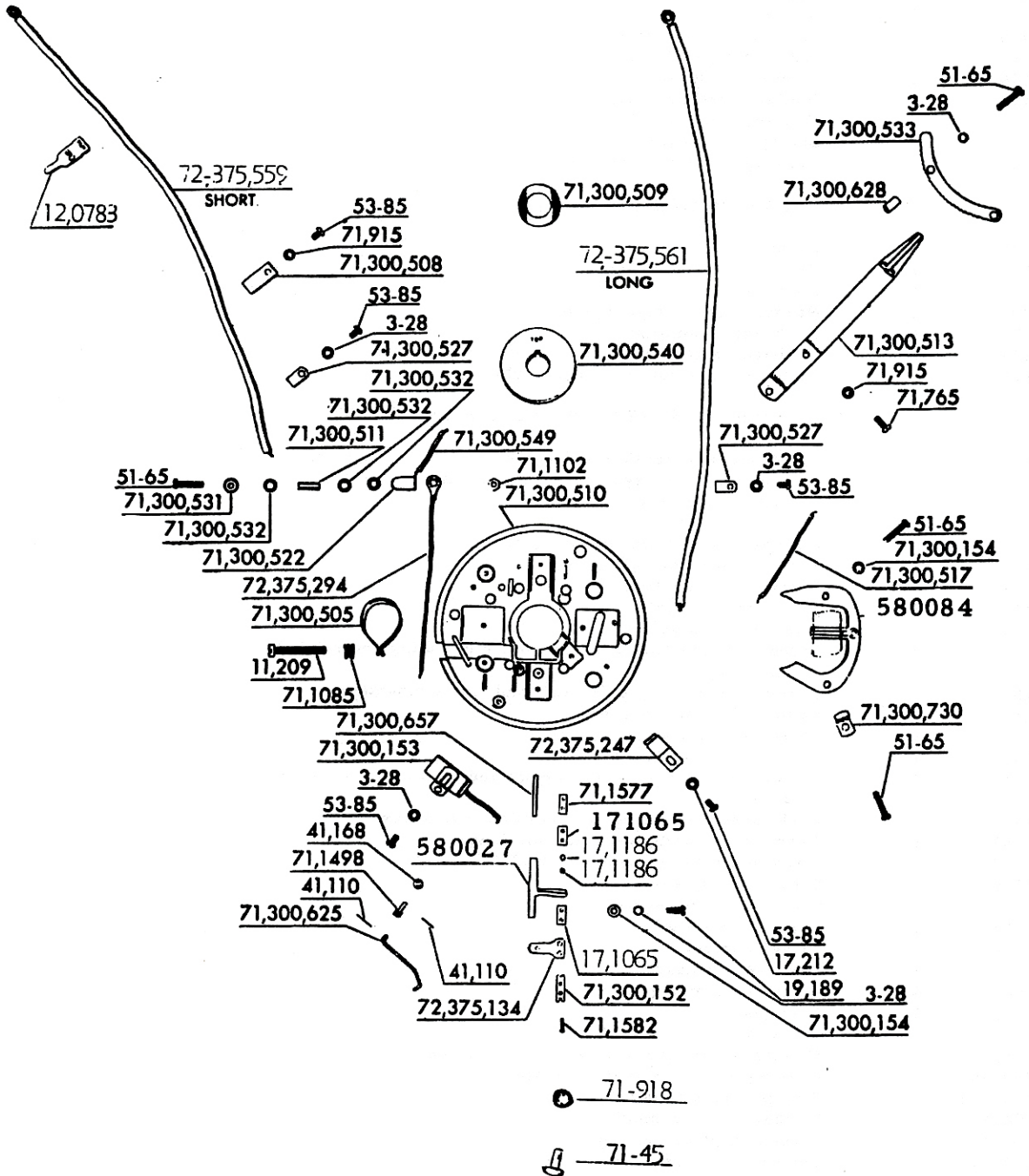
ASSEMBLIES

| | | |
|-------------|---|---|
| 42-375, 271 | 1 | Lower unit complete less propeller |
| 42-375, 273 | 1 | Gear case assembly complete with gears and shafts |
| 42-375, 277 | 1 | Drive shaft casing and water tube assembly |

CARBURETOR PARTS FOR MODELS TS AND TD

| | | |
|--------|---|--------------------------------------|
| 1-17 | 1 | Set screw |
| 1-20 | 3 | Screw - carburetor cover |
| 3-15 | 1 | Cotter pin - float |
| 3-27 | 3 | Lock washer - carburetor cover screw |
| 3-34 | 1 | Wood screw - float |
| 13-100 | 1 | Screw - carburetor drain |
| 13-306 | 4 | Gland - gasoline lines |
| 13-347 | 1 | Washer - jet and drain screw |
| 21-199 | 1 | Gasket for check valve |
| 39-115 | 4 | Plug - carburetor body |
| 39-141 | 1 | Screw - stem to throttle |
| 39-142 | 1 | Washer - control rod |
| 41-31 | 1 | Screen - check valve |
| 41-92 | 1 | Throttle arm |
| 41-93 | 1 | Float pin |
| 41-94 | 1 | Stem - throttle arm |
| 41-96 | 1 | Screw - plug for float valve |
| 41-97 | 1 | Throttle valve |
| 41-99 | 1 | Needle valve - high speed |
| 41-101 | 1 | Sleeve - needle valve |
| 41-102 | 1 | Plunger |
| 41-103 | 1 | Fork - plunger |
| 41-110 | 3 | Pin - control rod |
| 41-112 | 1 | Control rod - vertical |
| 41-122 | 1 | Spring - control rod |
| 41-130 | 1 | Cup - plunger |
| 41-162 | 1 | Washer - plug for float valve |

MAGNETO PARTS



Be Sure to Specify Model and Serial Number of Motor When Ordering Parts

| Part No. | No. Req'd Per Motor | Name of Part |
|---|------------------------|---|
| CARBURETOR PARTS FOR MODELS TS AND TD-continued | | |
| 41-166 | 3 | Groove pin - needle valve bushing |
| 41-169 | 1 | Swivel - control rod |
| 41-170 | 1 | Pin - needle valve to sleeve |
| 41-172 | 1 | Bushing - high speed needle valve |
| 41-206 | 1 | Cover - carburetor |
| 41-207 | 1 | Gasket - carburetor cover |
| 41-208 | 1 | Air silencer |
| 41-264 | 1 | Washer - pump plunger |
| 41-268 | 1 | Washer - needle valve spring |
| 42-138 | 1 | Carburetor body |
| 43-300, 759 | 1 | Spring - high speed needle |
| 53-85 | 1 | Screw - jet |
| 71-915 | 1 | Lockwasher - plunger nut |
| 85-64 | 1 | Nut - plunger to fork |
| 132158 | 1 | Sleeve - plunger |
| 132159 | 1 | Packing washer - top |
| 132160 | 1 | Packing washer - bottom |
| 170911 | 1 | Spring - plunger |
| 170912 | 2 | Packing washer - leather |
| CARBURETOR ASSEMBLIES | | |
| 4-110 | 1 | Float |
| 42-36 | 1 | Throttle arm and shaft |
| 42-62 | 1 | Check valve |
| 42-70 | 1 | Needle valve - high speed |
| 42-136 | 1 | Carburetor complete |
| 42-138 | 1 | Carburetor body and plug |
| 42-375, 192 | 1 | Adjusting rod and knob assembly |
| MAGNETO PARTS FOR MODELS TS AND TD | | |
| 3-28 | 9 | Lockwasher - breaker and ratchet assembly, ignition lead clamp screw, condenser mounting and oiler assembly screw |
| 11-209 | 1 | Screw - clamp |
| 17-212 | 2 | Lockwasher - oiler mounting screw |
| 19-189 | 2 | Screw - breaker mounting |
| 39-169 | 1 | Screw - timing lever |
| 41-110 | 1 | Pin - swivel control |
| 41-168 | 1 | Washer - swivel |
| 51-65 | 7 | Screw - lamination and stop switch mounting and ratchet mounting |
| 53-85 | 6 | Screw - condenser, oiler and lead clamp mounting |
| 71-45 | 4 | Lead to breaker bar nut |
| 71-78 | 2 | Screw - coil lead to ground |
| 71-765 | 1 | Screw - timing lever |
| 71-915 | 4 | Lockwasher-timing lever screws and ignition lead clamp screw |
| 71-918 | 4 | Lockwasher - lead to breaker bar nut screw |
| 71-1063 | 2 | Terminal - condenser and coil lead |
| 71-1068 | 2 | Insulation tube - condenser and coil lead |
| 71-1074 | 2 | Screw - suppressor |
| 71-1085 | 1 | Spring - clamp screw |
| 71-1102 | 1 | Nut - stop switch |
| 71-1498 | 1 | swivel control |
| 71-1577 | 2 | Bar nut - breaker |
| 71-1582 | 4 | Screw - terminal bar |
| 71-300, 152 | 2 | Terminal bar |
| 71-300, 153 | 2 | Condenser |
| 71-300, 154 | 4 | Washer - breaker and lamination screw |
| 71-300, 505 | 1 | Bearing shim - armature plate |
| 71-300, 508 | 1 | Clamp - high tension lead |
| 71-300, 509 | 1 | Washer - rotor holding |
| 71-300, 510 | 1 | Armature plate casting |
| 71-300, 511 | 1 | Tubing - insulation stop switch |
| 71-300, 513 | 1 | Timing lever |

Be Sure to Specify Model and Serial Number of Motor When Ordering Parts

| Part No. | No. Req'd Per Motor | Name of Part |
|----------|------------------------|--------------|
|----------|------------------------|--------------|

MAGNETO PARTS FOR MODELS TS AND TD-continued

| | | |
|------------|---|---------------------------------------|
| 71-300,517 | 1 | Lead - coil to breaker |
| 71-300,522 | 1 | Contact - stop switch |
| 71-300,527 | 1 | Clamp - high tension leads |
| 71-300,531 | 1 | Cup washer - stop switch |
| 71-300,532 | 3 | Washer - insulation - stop switch |
| 71-300,533 | 1 | Ratchet - armature plate |
| 71-300,536 | 1 | Terminal lug - lamination screw |
| 71-300,540 | 1 | Rotor |
| 71-300,549 | 1 | Lead, breaker to switch - short |
| 71-300,625 | 1 | Control rod - horizontal |
| 71-300,628 | 2 | Spacer - ratchet mounting |
| 71-300,657 | 2 | Push rod - breaker |
| 71-300,730 | 2 | Clip - safety gap |
| 71-301,394 | 2 | Spring - breaker point tension spring |
| 171065 | 4 | Insulation strip - breaker |
| 171186 | 4 | Insulation bushing - breaker - center |
| 375553 | 2 | Lead - coil to ground |

MAGNETO ASSEMBLIES FOR MODELS TS AND TD

| | | |
|------------|---|---------------------------------------|
| 72-375,134 | 2 | Spring and point assembly |
| 72-375,247 | 1 | Oiler assembly |
| 72-375,248 | 1 | Lead - coil to ground |
| 72-375,294 | 1 | Lead - breaker to switch - long |
| 72-375,556 | 1 | Armature plate complete |
| 72-375,559 | 1 | High tension lead assembly |
| 72-375,561 | 1 | High tension lead assembly |
| 120783 | 1 | Marker - high tension lead |
| 171065 | 4 | Insulation strip - breaker |
| 171186 | 4 | Insulation bushing - breaker - center |
| 375077 | 2 | Terminal - assembly - ignition leads |
| 580016 | 2 | Breaker assembly - complete |
| 580027 | 2 | Bracket and point assembly - breaker |
| 580084 | 2 | Coil and core assembly |

Contact Your Johnson Sea Horse Dealer for Replacement Parts, Information On Part Prices and Johnson Service.

Care of Motors When Used in Salt Water

Regardless of the material used in the construction of an outboard motor, it will corrode and tarnish to a certain extent when used in salt water. It is of importance, therefore, to adhere closely to the following instructions if you want to receive the most from your motor.

1. Remove the motor from the boat when it is not in service.
2. Flush out the cooling system as soon as possible.
3. Rinse off thoroughly with fresh water.
4. Wipe dry with a cloth.
5. Go over all the bright parts with an oily cloth, especially if the motor is to be stored for any length of time.

Warranty

All Johnson Motors (racing models excepted) are warranted to be free from defects in material and workmanship under normal use and service, our obligation under this Warranty being limited to making good at our factory in Waukegan, Illinois, any part or parts thereof which shall, within three months after date of delivery to owner, be returned to us with transportation charges prepaid, and which our examination shall disclose to our satisfaction to have been thus defective, this Warranty being expressly in lieu of all other warranties and representations, express or implied, and of all other liabilities in connection with the sale or use of our outboard Motors.

This Warranty shall not apply to any outboard motor which shall have been repaired or altered outside of the factory in any way so as in our judgement, to affect its stability or reliability, nor which has been subject to misuse, negligence or accident.

CLAIMS MUST BE ENTERED ON ALL RETURNED GOODS

Regular claim forms are provided all our dealers, service stations and distributors. All claims must be entered on this form, No. SE-16, before parts are returned to factory. No part will be replaced unless this form is used. See your dealers for claim form.

All material—motors or parts—be returned to your nearest service station or dealer—TRANSPORTATION CHARGES PREPAID.

REMEMBER—ALWAYS request a claim form and properly fill it in before returning any material to our service station or distributor.

WARRANTY DOES NOT APPLY TO RACING MOTORS

Due to the excessive strains and stresses placed upon motors when used for racing, all Johnson motors of racing model or all other models when used for racing are sold with the distinct understanding that they are not guaranteed in any manner, and that Johnson Motors does not assume any responsibility for injury or damage sustained from their use thereof.