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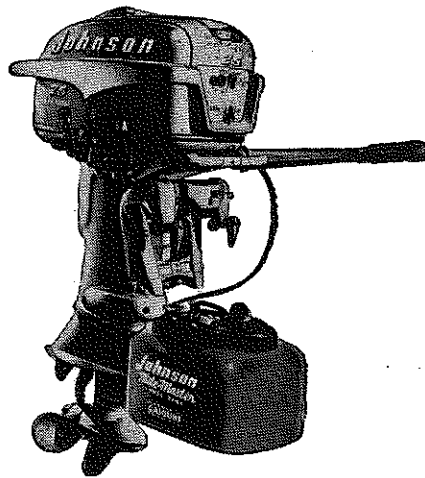
Part No. 376556

# PARTS CATALOG

FOR

Models

RD-17S and RDL-17S  
RD-17R and RDL-17R



**SEA HORSE 25**

**JOHNSON MOTORS**

Waukegan, Illinois, U. S. A.

## Warranty

We warrant each new outboard motor of our manufacture 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 the factory any part or parts thereof which shall, within three (3) months after initial use, or within (1) one year from date of original purchase, whichever first occurs, 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 expressed or implied and of all other liabilities in connection with the sale or use of any motors.

This warranty shall not apply to any motor which shall have been repaired or altered outside the factory in any way so as to affect its stability, nor which has been subject to misuse, negligence or accident. Warranty is void if motor is used for racing purposes.

We make no warranty in respect to trade accessories not of our manufacture; inasmuch as they are usually warranted separately by their respective manufacturers.

Because of the usual strains and accidents to which such products may be subjected, we make no warranty of either material or workmanship in racing outboard motors or any of our products when used for racing.

Claims must be entered on motors or motor parts returned to the factory for inspection, repair or replacement. Request form No. SE-16 from local Johnson Dealer or Service Station. **This form should be filled in, signed by the motor owner and dealer or service station representatives and mailed to the factory with returned material, TRANSPORTATION CHARGES PREPAID.**

# SHROUD GROUP

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

## PHOTO AND PART NUMBERS FOR SHROUD GROUP

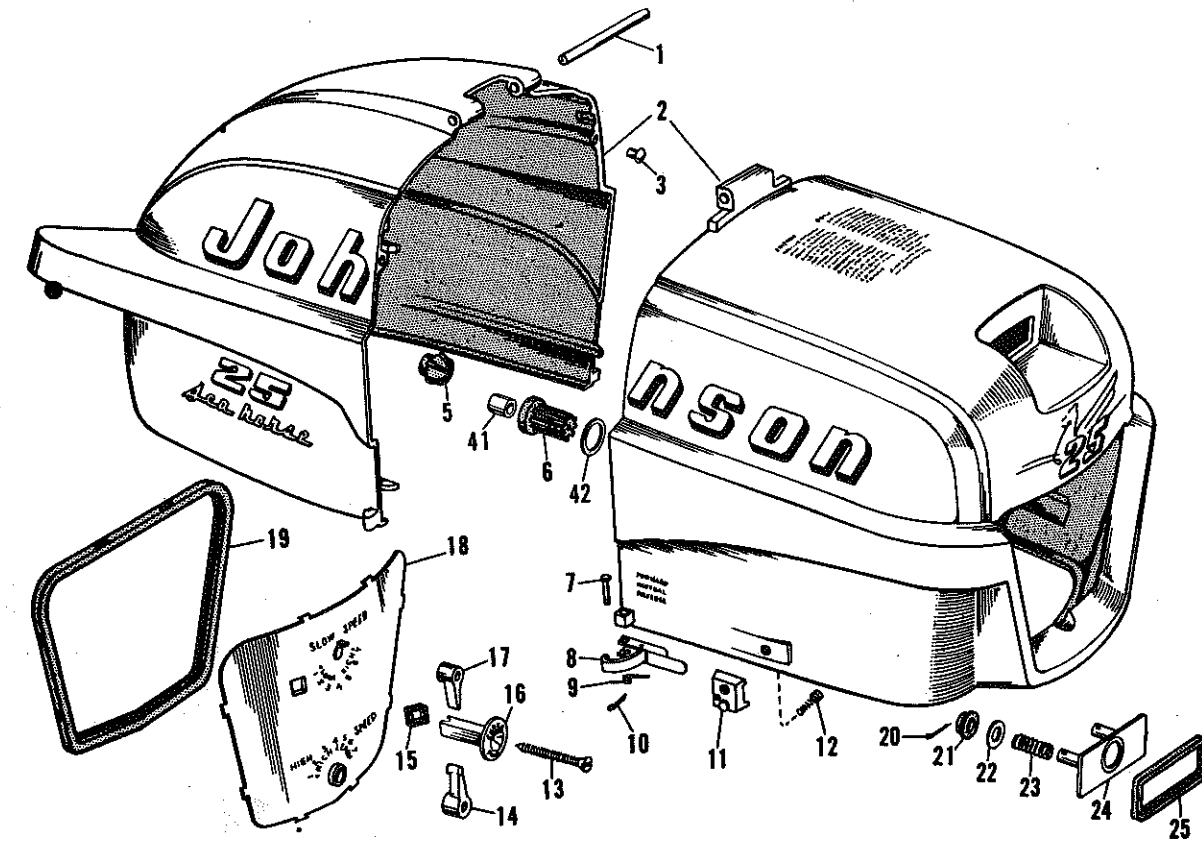
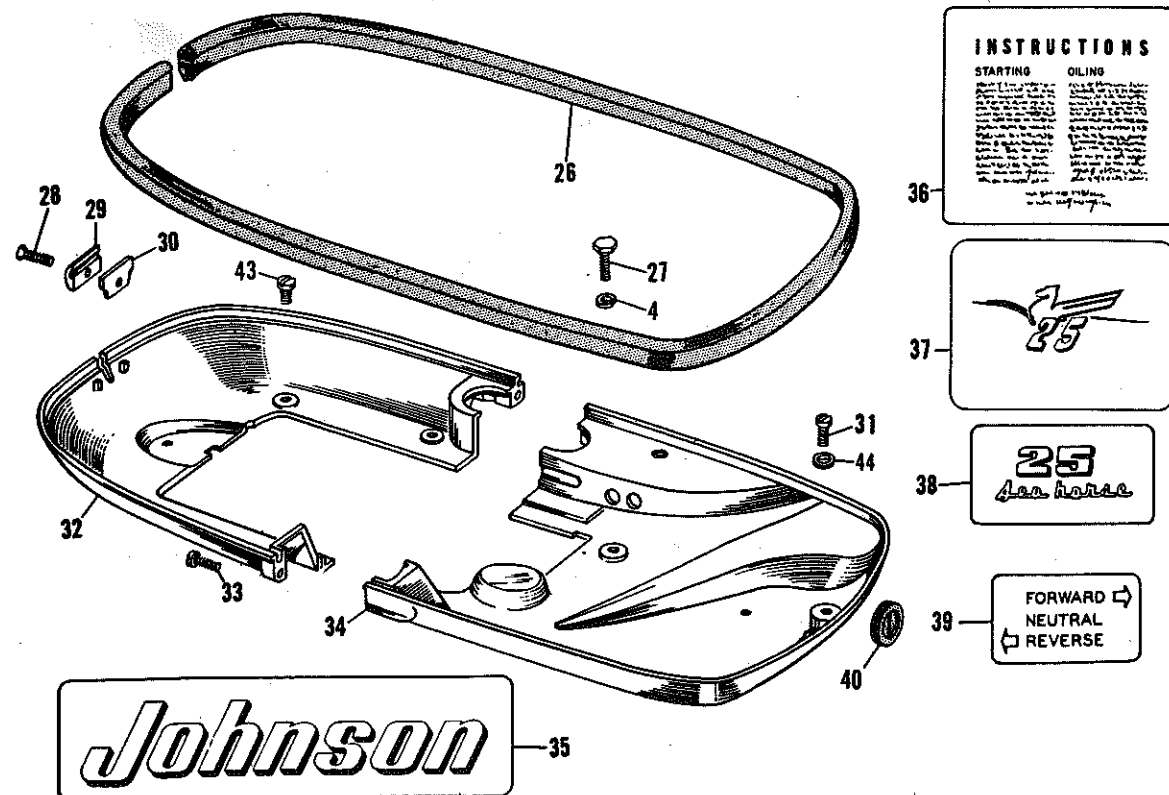


Photo No.	Part No.	Name of Part	Photo No.	Part No.	Name of Part
1	303984	Hinge Pin	23	303518	Spring
2	376419	Shroud and Transfer Assembly Complete	24	303528	Cover
3	203290	Bumper	25	303529	Grommet
4	303480	Washer	26	304018	Seal
5	303564	Bumper	27	304027	Screw
6	303958	Bumper	28	304022	Screw
7	303522	Pin	29	304021	Clamp - Outer
8	376129	Clamp & Lever Assembly	30	304020	Clamp - Inner
9	303519	Spring	31	300258	Screw
10	303590	Cotter Pin	32	304016	Motor Cover - Lower Rear
11	303985	Boss	33	303714	Screw
12	19-189	Screw	34	304028	Motor Cover - Lower Front
13	302761	Screw	35	303820	Transfer - "Johnson"
14	303521	Adjusting Lever - High Speed	36	304140	Transfer - Start & Oil
15	303796	Grommet	37	303822	Transfer - Sea-Horse 25 - Front
16	303718	Choke Knob	38	303823	Transfer - "25" Sea-Horse
17	303847	Adjusting Lever - Slow Speed	39	303824	Transfer - Gearshift
18	303976	Control Panel	40	304017	Grommet
19	303983	Grommet	41	303959	Sleeve
20	41-163	Cotter Pin	42	303960	Washer
21	303535	Grommet	43	39-176	Screw
22	202065	Washer	44	43-302	Washer



**INSTRUCTIONS**  
**STARTING**    **OILING**  
Read these instructions carefully before starting the motor. They contain important information regarding the safe and proper use of the motor. Failure to follow these instructions may result in property damage, personal injury, or death.

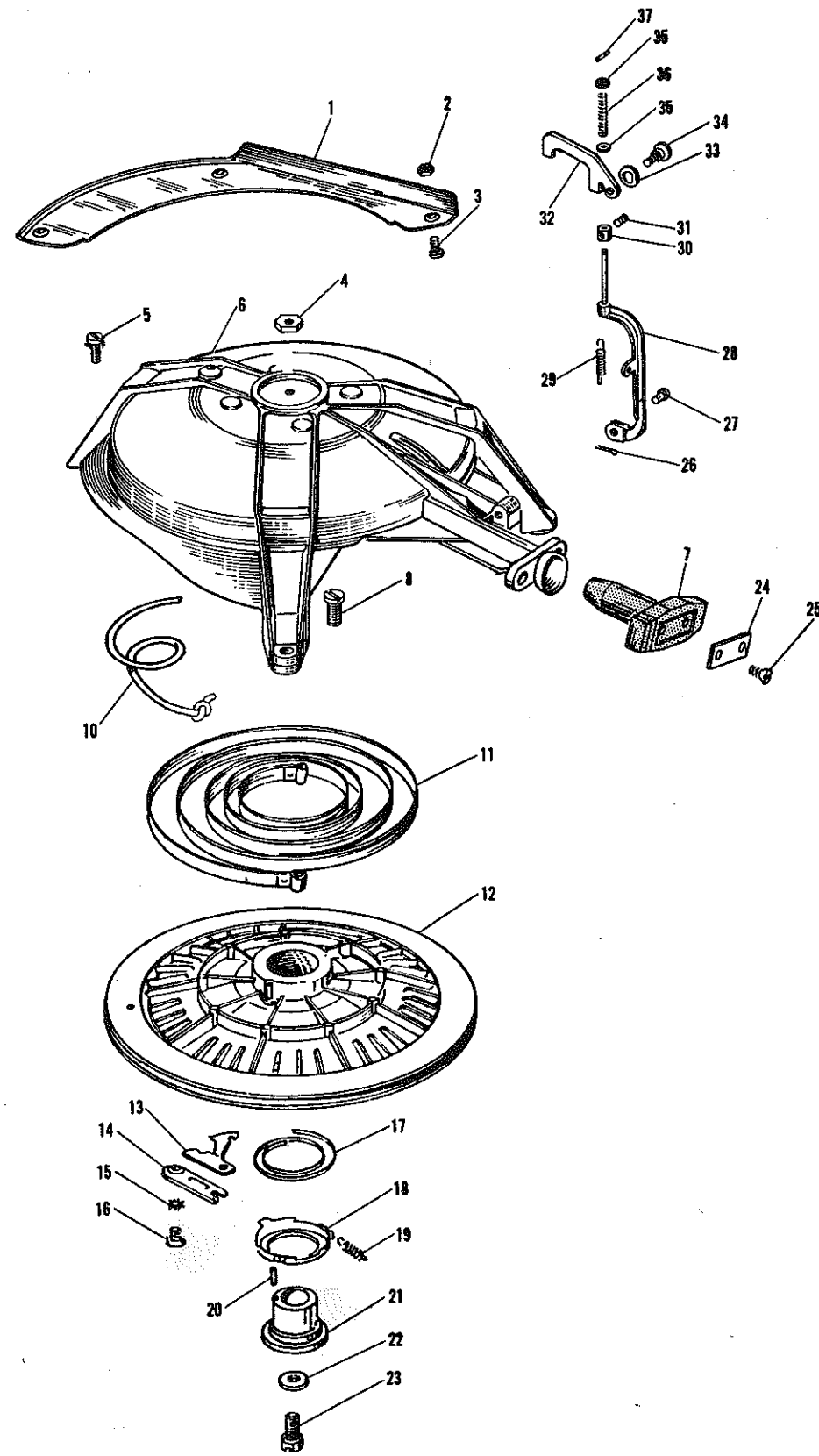


**25**  
*Sea Horse*

FORWARD →  
 NEUTRAL  
 ← REVERSE

Order All Parts from Nearest Service Station or Dealer

# STARTER GROUP



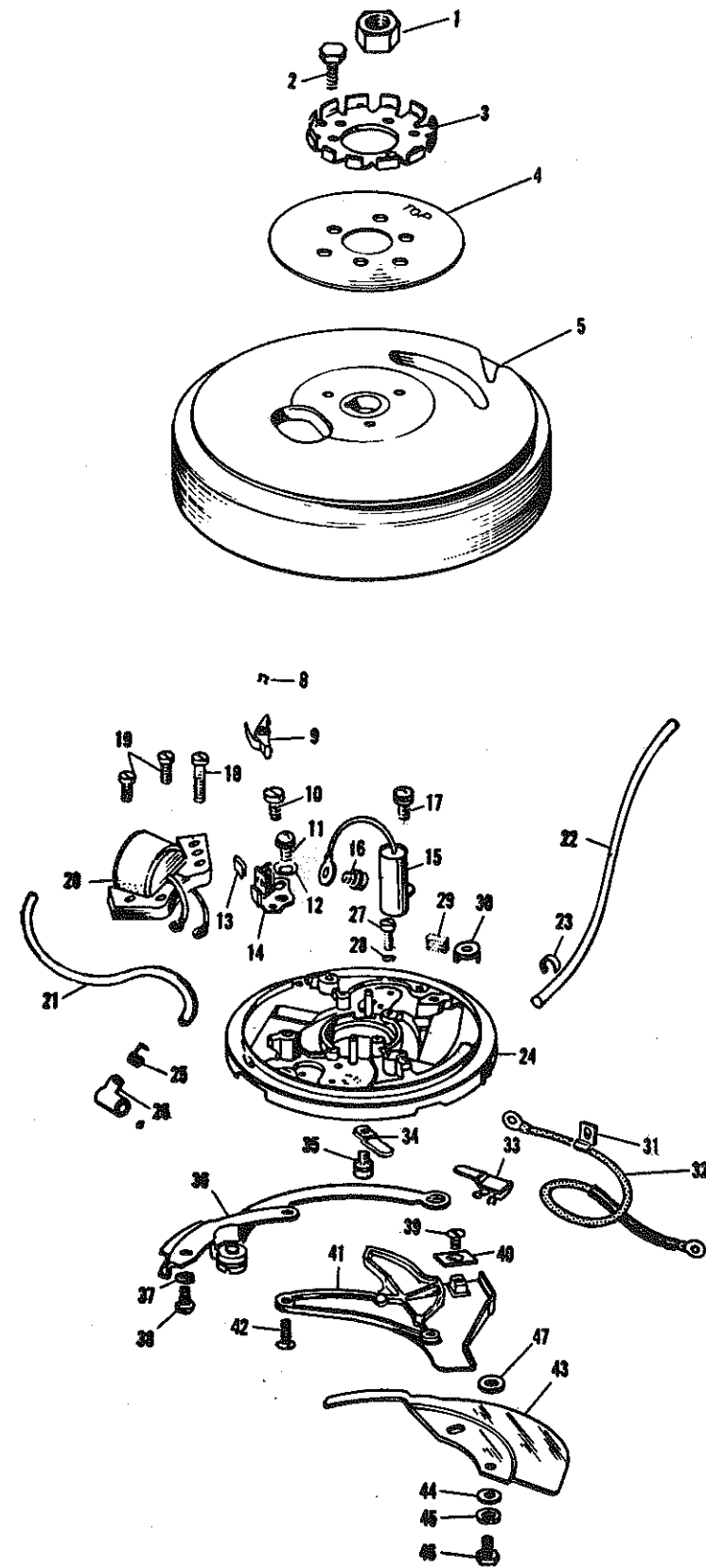
Be Sure to Specify Model and Serial Number of Motor When Ordering Parts

## PHOTO AND PART NUMBERS FOR STARTER GROUP

Photo No.	Part No.	Name of Part	Photo No.	Part No.	Name of Part
1	303703	Guard	19	202155	Spring
2	71-1102	Nut	20	202156	Pin
3	302104	Screw	21	276643	Spindle and Pin Assembly
4	302103	Nut	22	202356	Washer
5	303766	Screw	23	51-223	Screw
6	376288	Starter Housing and Pin Assembly	24	303516	Clamp Plate
		(376486 Starter Assembly Complete)	25	41-205	Screw
7	376132	Handle	26	303590	Cotter Pin
8	303591	Screw	27	303742	Pin
10	304096	Starter Rope	28	376238	Link and Rod Assembly
11	375836	Starter Spring	29	303032	Spring
12	376374	Starter Pulley	30	303244	Collar
13	202470	Starter Pawl	31	303245	Allen Screw
14	203317	Retainer	32	303785	Locking Lever
15	71-1026	Lockwasher	33	302473	Bow Washer
16	302104	Screw	34	303247	Screw
17	302222	Friction Spring	35	71-1447	Washer
18	202114	Equalizer Cup	36	303051	Spring
			37	41-110	Pin

Order All Parts from Nearest Service Station or Dealer

# MAGNETO GROUP



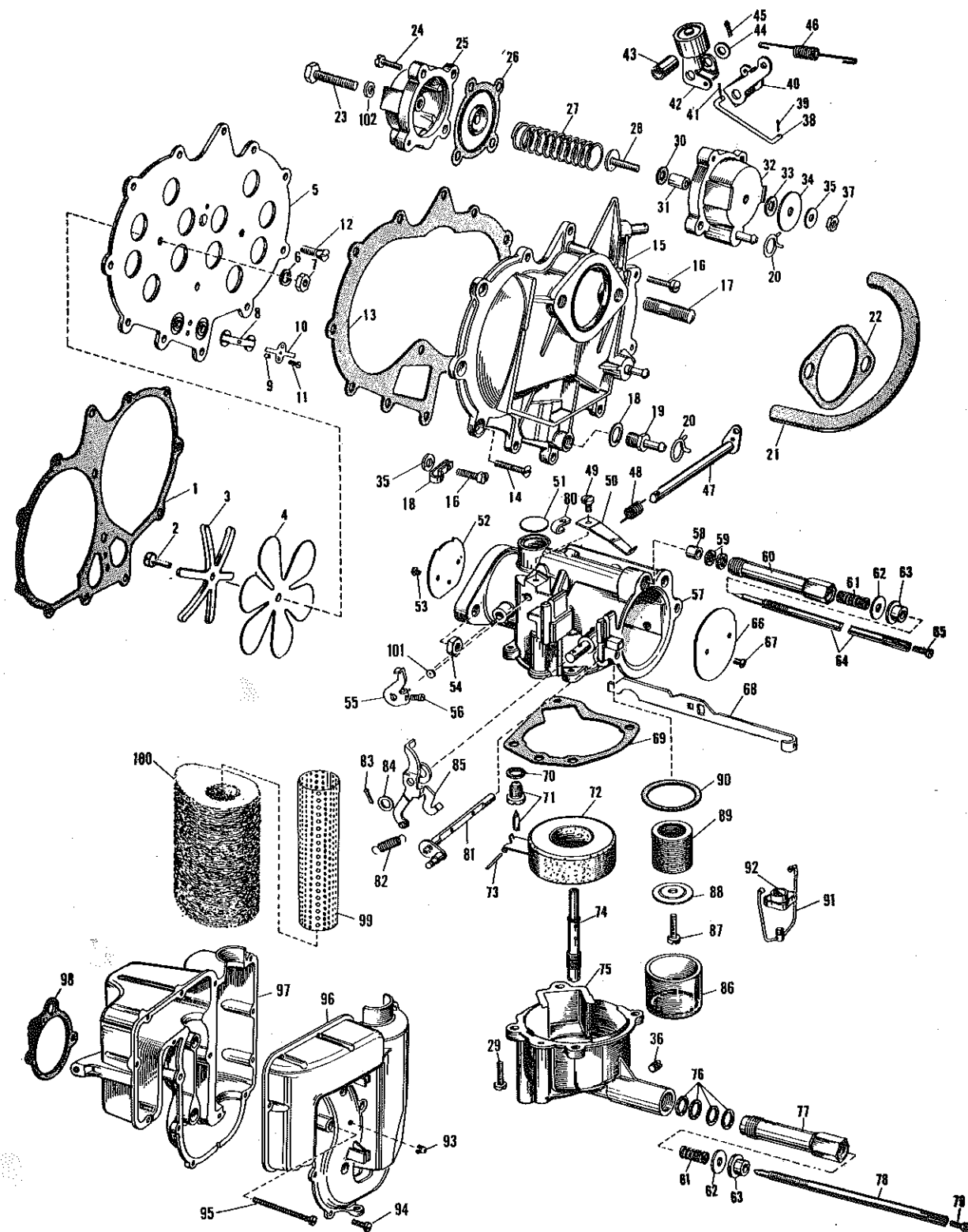
Be Sure to Specify Model and Serial Number of Motor When Ordering Parts

## PHOTO AND PART NUMBERS FOR MAGNETO GROUP

Photo No.	Part No.	Name of Part	Photo No.	Part No.	Name of Part
1	71-1331	Nut	23	71-1239	Marker - High Tension Lead - Upper
2	302468	Screw	24	580168	Armature Plate & Post Assembly
3	202111	Ratchet			(580180 Armature Plate Assembly Complete)
4	303249	Cover	25	510231	Terminal
5	580109	Flywheel Assembly	26	510232	Cover
8	71-1052	Clip	27	510192	Screw
9	580174	Breaker Arm (580176 - Breaker Assembly Complete)	28	3-28	Lockwasher
10	510185	Eccentric Screw	29	510189	Oiler Wick
11	510278	Screw	30	510188	Oiler Clip
12	510208	Bow Washer	31	510267	Bracket
13	510204	Clip	32	580181	Cutout Lead Assembly
14	580173	Breaker Base (580176 Breaker Assembly Complete)	33	303146	Spring Clip
15	510173	Condenser	34	510190	Clamp
16	510194	Screw	35	510193	Screw
17	510193	Screw	36	376328	Stop and Link Assembly
18	510191	Screw	37	71-1487	Lockwasher
19	510195	Screw	38	302812	Screw
20	580118	Coil & Lamination Assembly	39	302751	Screw
21	510210	High Tension Lead - Lower (580135 High Tension Lead Assembly - Lower)	40	303741	Clamp
22	510203	High Tension Lead - Upper (580146 High Tension Lead Assembly - Upper)	41	303849	Anchor - High Tension Lead
			42	302104	Screw
			43	303771	Throttle Cam
			44	71-1531	Washer
			45	71-1487	Lockwasher
			46	302750	Screw
			47	303952	Washer

Order All Parts from Nearest Service Station or Dealer

# CARBURETOR GROUP



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

## PHOTO AND PART NUMBERS FOR CARBURETOR GROUP

Photo No.	Part No.	Name of Part	Photo No.	Part No.	Name of Part
1	302606	Gasket	57	376417	Carburetor Body and Plug Assembly (376324 Carburetor Assembly Complete)
2	301858	Screw	58	303939	Bushing
3	303732	Leaf Stop	59	43-123	Packing
4	303731	Leaf Valve	60	303982	Nut - Slow Speed Needle Valve
5	304234	Leaf Plate	61	304142	Spring
6	71-1487	Lockwasher	62	202065	Washer
7	85-64	Nut	63	303535	Grommet
8	302042	Check Valve	64	303966	Needle Valve - Slow Speed
9	302046	Spacer	65	551517	Screw
10	302048	Spring	66	302674	Choke Valve
11	19-191	Screw	67	303760	Screw
12	302104	Screw	68	303963	Choke Rod
13	302605	Gasket	69	303750	Gasket
14	200399	Screw	70	301996	Washer
15	376487	Intake Manifold and Stud Assembly	71	375798	Float Valve & Seat Assembly
16	43-110	Screw	72	375792	Float and Arm Assembly
17	302822	Stud	73	302661	Hinge Pin
18	510267	Bracket	74	303968	Nozzle
19	303638	Nipple	75	304032	Float Chamber
20	302647	Clamp	76	43-123	Packing
21	203286	Hose	77	303981	Nut - High Speed Needle Valve
22	302598	Gasket	78	303965	Needle Valve - High Speed
23	302479	Screw	79	551517	Screw
24	1-132	Screw	80	302792	Spring
25	304179	Body	81	376256	Choke Shaft, Arm and Pin Assembly
26	375807	Diaphragm and Plate Assembly	82	304111	Spring
27	302733	Spring	83	41-163	Cotter Pin
28	304182	Screw	84	85-54	Washer
29	13-558	Screw	85	376258	Bellcrank and Pin Assembly
30	304183	Washer	86	303967	Bowl
31	303893	Tubing	87	13-558	Screw
32	376443	Body (376442 Cutout Switch Assembly)	88	302060	Retainer
33	304183	Washer	89	302062	Filter
34	303723	Washer	90	302675	Gasket
35	71-1531	Washer	91	376327	Yoke and Screw Assembly
36	304041	Screw	92	375989	Thumb Nut & Swivel Cup Assembly
37	130450	Nut	93	203652	Button Plug
38	303272	Link	94	25-74	Screw
39	41-110	Pin	95	303994	Screw
40	303280	Throttle Lever	96	203575	Air Silencer - Front
41	41-110	Pin	97	203576	Air Silencer - Rear
42	376035	Cam Follower	98	303988	Gasket
43	303310	Spacer	99	203581	Insert Tube
44	301827	Washer	100	203582	Acoustical Liner
45	41-163	Cotter Pin	101	303962	Core Plug
46	303296	Spring	102	304202	Lockwasher
47	375938	Throttle Shaft and Arm Assembly			
48	302696	Spring			
49	43-156	Screw			
50	302722	Spring			
51	19-51	Core Plug			
52	304056	Throttle Valve			
53	303760	Screw			
54	7-46	Nut			
55	302791	Lever			
56	131249	Screw			

POWERHEAD GROUP

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

PHOTO AND PART NUMBERS FOR POWERHEAD GROUP

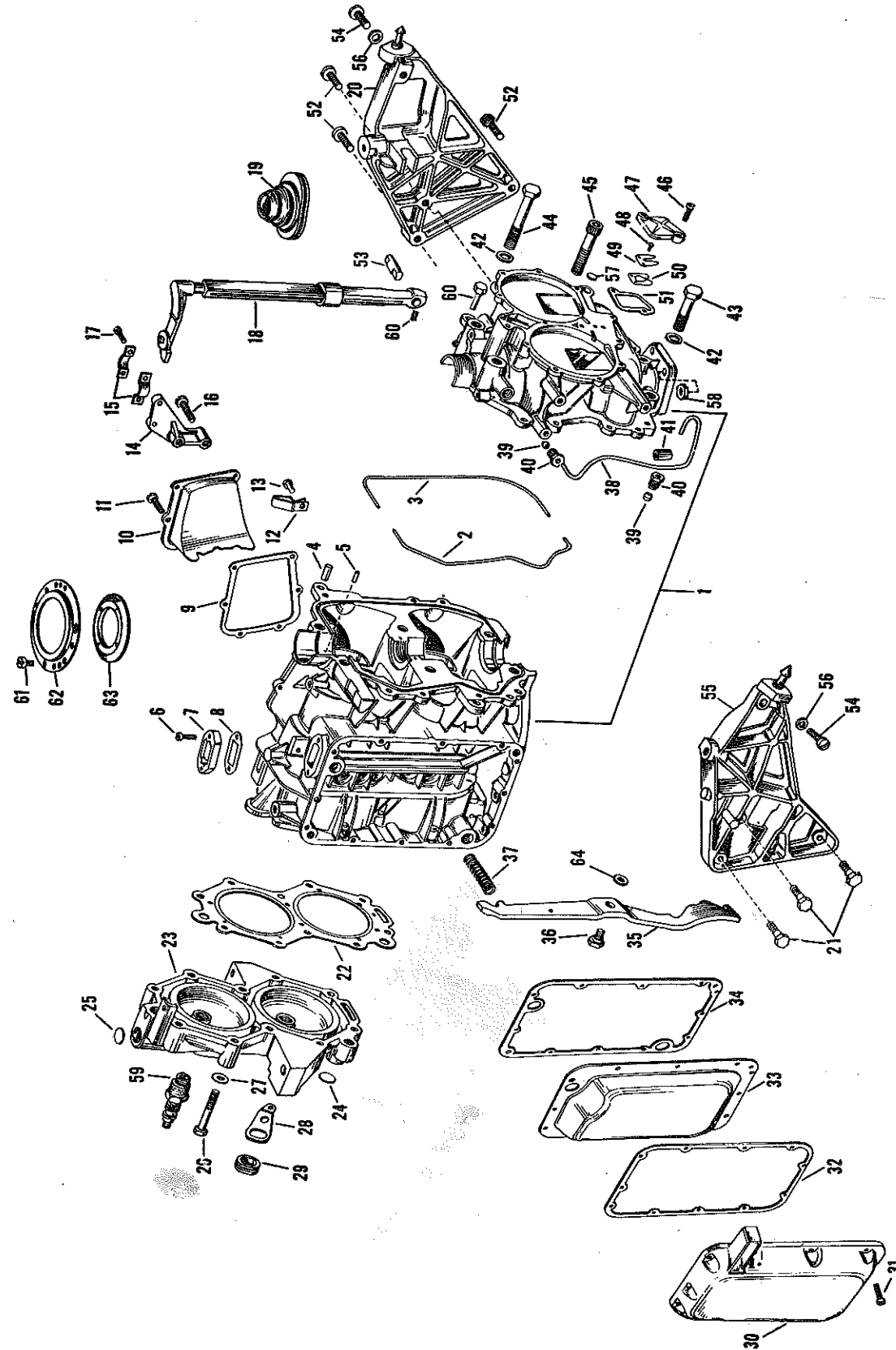


Photo No.	Part No.	Name of Part	Photo No.	Part No.	Name of Part
1	376457	Cylinder and Crankcase	35	303970	Shifter Lock
2	302621	Seal	36	302592	Screw
3	302622	Seal	37	302587	Spring
4	300402	Tapered Pin	38	375862	Oil Line
5	302037	Dowel	39	11-61	Gland
6	1-132	Screw	40	41-105	Packing Nut
7	302582	Cover	41	302811	Spacer
8	302581	Gasket	42	300343	Washer
9	302586	Gasket	43	302600	Screw
10	302542	Cover	44	301431	Screw
11	43-259	Screw	45	302579	Screw
12	302749	Clamp	46	13-558	Screw
13	302824	Screw	47	302033	Cover
14	303832	Bracket	48	303761	Screw
15	303109	Bearing Clamp	49	302034	Plate
16	25-238	Screw	50	302031	Leaf Plate
17	510193	Screw	51	302032	Gasket
18	304156	Lever	52	303699	Screw
19	304019	Grommet	53	304155	Pin
20	376301	Bracket & Pin Assembly - Port	54	132679	Screw
21	551706	Screw	55	376299	Bracket and Pin Assembly - Star
22	302583	Gasket	56	43-302	Washer
23	376336	Cylinder Head	57	300788	Expansion Plug
24	13-426	Core Plug	58	7-46	Nut
25	19-51	Core Plug	59	*200322	Spark Plug Champion J6J
26	303782	Screw	59	*376290	Spark Plug - Auto-Lite A3X
27	37-154	Washer	60	303236	Spring
28	300455	Anchor	61	41-223	Screw
29	300454	Grommet	62	303278	Support
30	302550	Cover	63	303277	Retaining Ring
31	43-110	Screw	64	304051	Washer
32	302608	Gasket			
33	302549	Cover			
34	302607	Gasket			

\*We recommend either Champion or Auto-Lite Spark Plugs.

Order All Parts from Nearest Service Station or Dealer

CRANKSHAFT, PISTON AND CONNECTING ROD GROUP

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

PHOTO AND PART NUMBERS FOR CRANKSHAFT, PISTON AND CONNECTING ROD GROUP

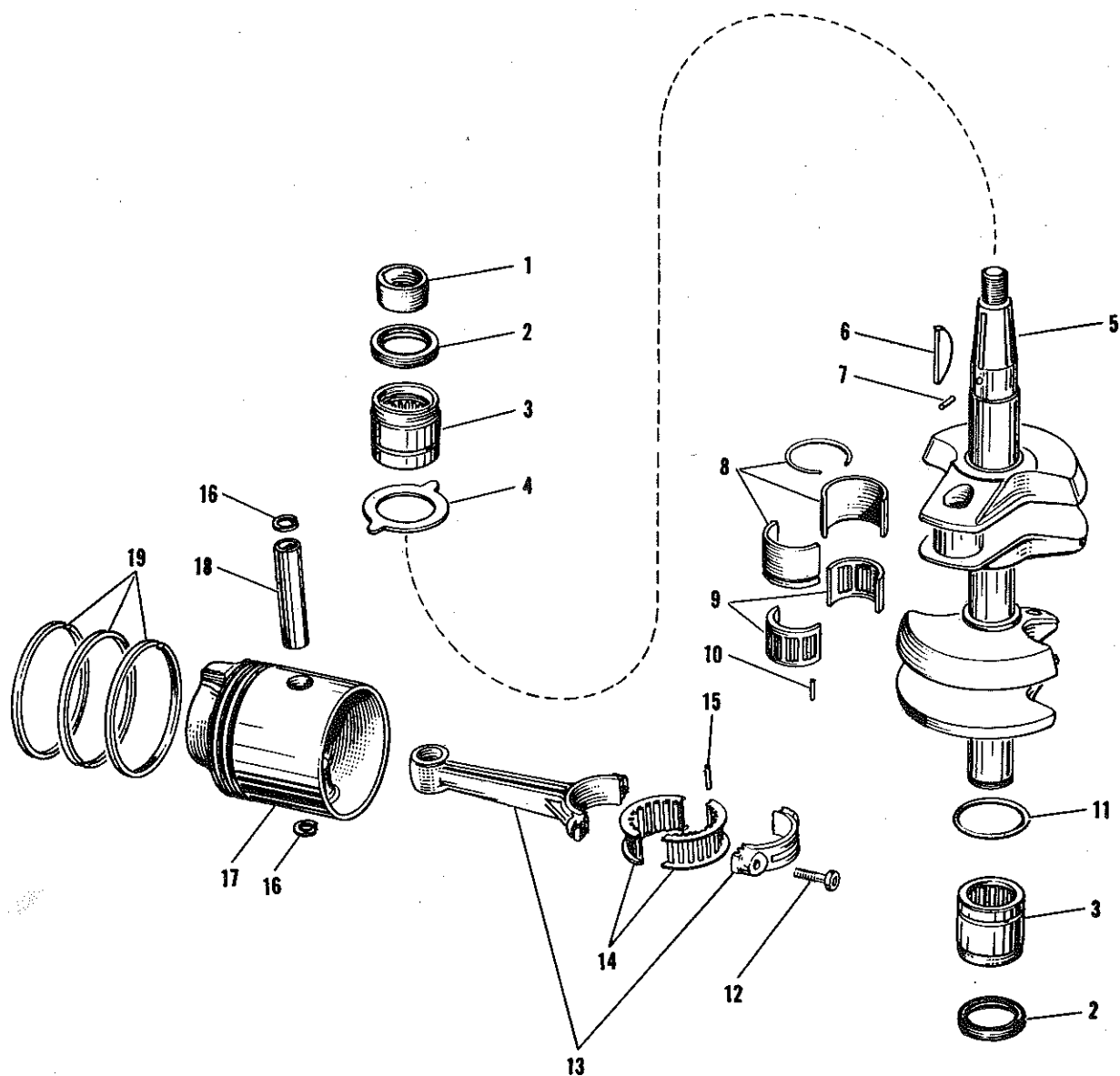


Photo No.	Part No.	Name of Part	Photo No.	Part No.	Name of Part
1	510169	Cam	11	302537	O-Ring
2	303804	Seal	12	202967	Screw
3	376433	Roller Bearing & Seal Assembly	13	375767	Connecting Rod
4	302601	Thrust Washer (Model RD-17S)	14	302603	Retainer
4	304463	Thrust Washer (Model RD-17R)	15	302529	Needle Bearing
5	203655	Crankshaft	16	302577	Spring Ring
6	302602	Key	17	375781	Piston & Dowel Pin
7	302578	Pin			(375772 Piston & Connecting Rod Assembly with Rings)
8	302585	Split Sleeve	18	302576	Wrist Pin
9	302755	Bearing Cage	19	302533	Piston Ring
10	302584	Needle Bearing			

Order All Parts from Nearest Service Station or Dealer



LOWER UNIT AND STEERING HANDLE GROUP

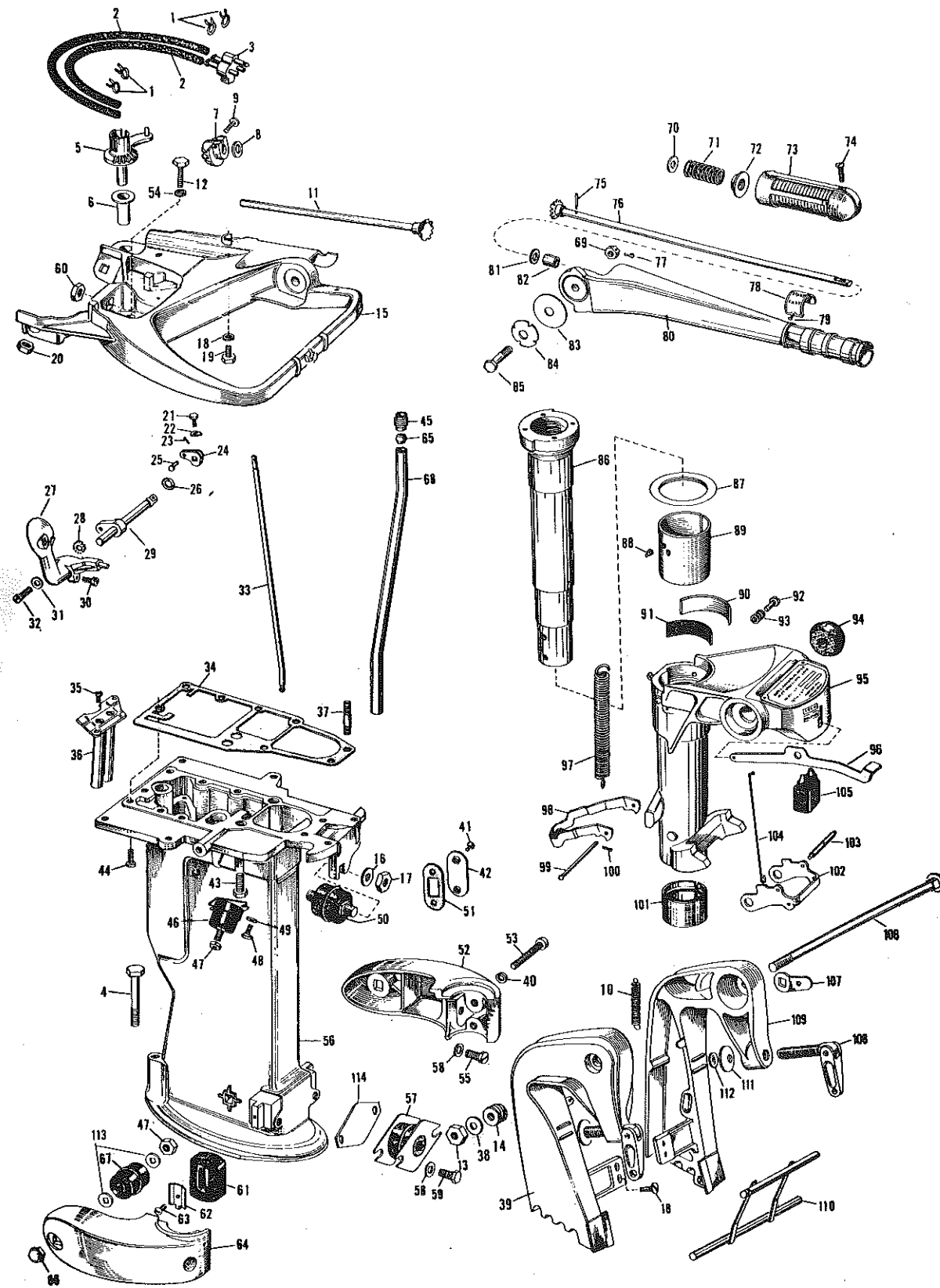


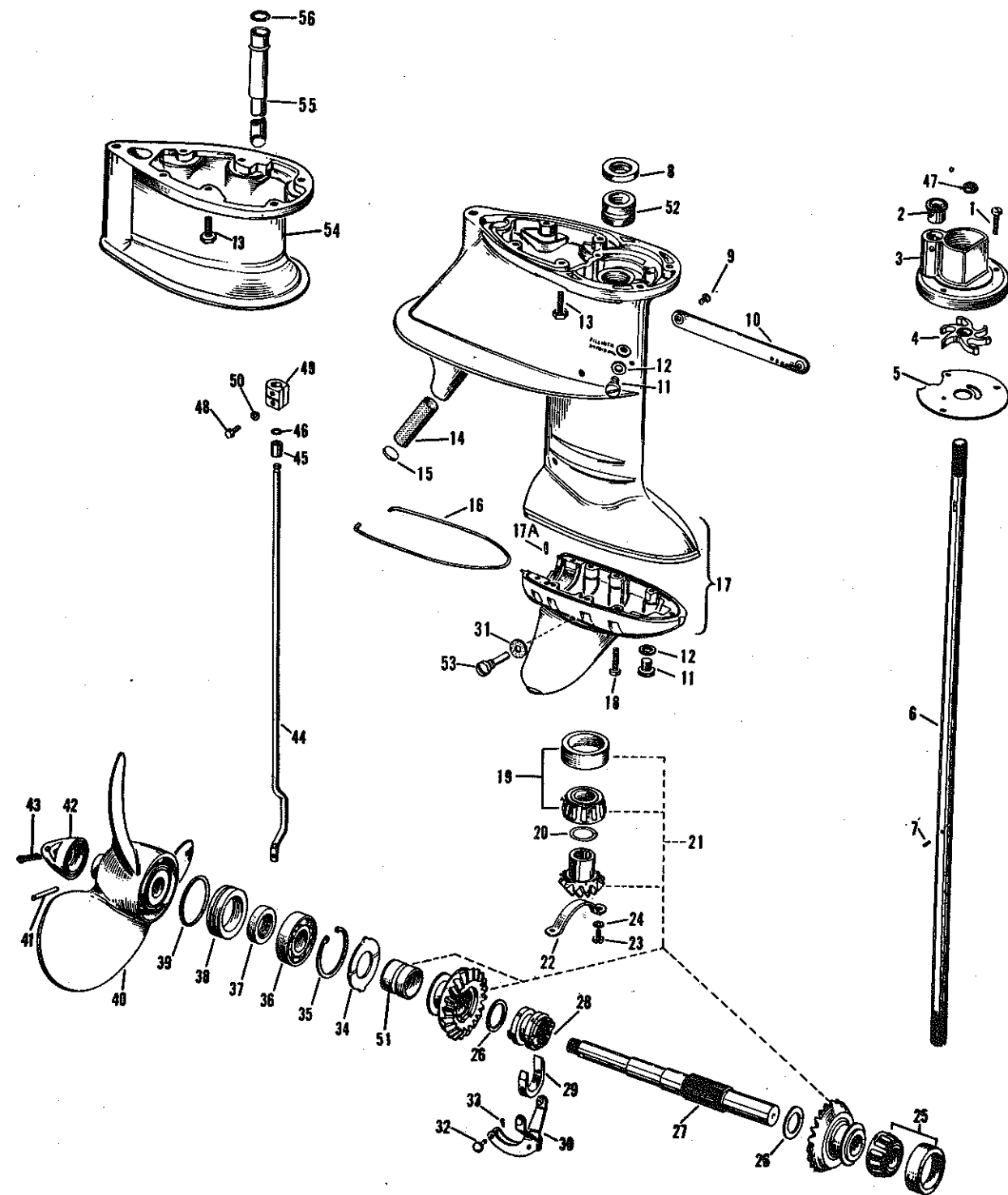
PHOTO AND PART NUMBERS FOR LOWER UNIT AND STEERING HANDLE GROUP

Photo No.	Part No.	Name of Part	Photo No.	Part No.	Name of Part
1	302647	Clamp	56	376428	Exhaust Housing, Water Tube and Stud Assembly
2	304029	Hose	57	303881	Rubber Mount
3	375788	Body Assembly	58	303886	Washer
4	302871	Screw	59	303888	Screw
5	304157	Gear	60	303912	Nut
6	303854	Bushing	61	303918	Bumper
7	303142	Pinion	62	303961	Retainer
8	303107	Washer	63	303393	Screw
9	303951	Screw	64	303915	Housing - Star
10	302736	Spring	65	7-170	Gland
11	376296	Gear & Shaft Assembly - Short	66	303890	Acorn Nut
12	304151	Screw	67	303880	Rubber Mount
13	17-182	Nut	68	303872	Water Tube
14	302051	Spring	69	302803	Nut
15	376298	Steering Bracket and Bushing Assembly	70	303252	Washer
16	303913	Washer	71	301656	Spring
17	303912	Nut	72	303282	Friction Block
18	11-185	Screw	73	303213	Grip
19	303311	Screw	74	302710	Screw
20	303889	Nut	75	302709	Groove Pin
21	303722	Screw	76	376414	Gear and Shaft Assembly - Long
22	303721	Clip	77	302804	Cotter Pin
23	301912	Cotter Pin	78	302735	Plate
24	303720	Lever	79	301992	Stud
25	302504	Pin	80	376354	Steering Handle
26	303191	O-ring	81	302712	Washer
27	375766	Shift Lever	82	302717	Bushing
28	51-137	Lockwasher	83	302703	Thrust Washer
29	376287	Bracket and Shaft, Shift Lever Assembly	84	302631	Spring Washer
30	300258	Screw	85	302721	Screw
31	21-165	Washer	86	303906	Pilot Shaft
32	300646	Screw	87	303867	Thrust Washer
33	303870	Shift Rod - Upper	88	303696	Pin
34	303974	Gasket	89	303936	Liner
35	303393	Screw	90	303928	Plate
36	376330	Exhaust Loading Tube Assembly	91	303929	Spacer
37	15-149	Stud	92	41-178	Screw
38	25-196	Washer	93	551113	Spring
39	376439	Stern Bracket and Clamp Screw Assembly - Star	94	302637	Conical Washer
40	304144	Lockwasher	95	303885	Swivel Bracket
41	302509	Screw	96	303863	Arm
42	303862	Cover Plate	97	303971	Spring
43	300355	Screw	98	303954	Locking Lever
44	132679	Screw	99	303955	Rod
45	302894	Gland Nut	100	15-268	Cotter Pin
46	303879	Rubber Mount	101	303868	Liner
47	303889	Nut	102	303957	Link
48	39-176	Screw	103	303956	Shaft
49	303887	Washer	104	303953	Link
50	303882	Rubber Mount	105	303933	Bumper
51	304023	Gasket	106	302643	Bolt
52	303914	Housing - Port	107	300364	Link
53	303898	Screw	108	375747	Clampscrew and Handle Assembly
54	19-124	Lockwasher	109	376438	Stern Bracket and Clampscrew Assembly - Port
55	303883	Screw	110	376303	Tilting Lever Assembly
			111	41-48	Swivel Plate
			112	302420	Retainer
			113	304168	Gasket
			114	304169	Gasket

MODEL RDL-17S PARTS THAT DIFFER FROM MODEL RD-17S  
 4 304135 Screw (RDL)

See page 19 for additional Model RDL-17S parts.

# GEARCASE ASSEMBLY GROUP



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

## PHOTO AND PART NUMBERS FOR GEARCASE ASSEMBLY GROUP

Photo No.	Part No.	Name of Part	Photo No.	Part No.	Name of Part
1	302677	Screw	24	71-915	Lockwasher
2	304026	Grommet	25	375761	Roller Bearing
3	303831	Impeller Housing	26	302565	Thrust Washer
4	375808	Impeller	27	302522	Propeller Shaft
5	303866	Plate	28	375783	Shifter Clutch Dog
6	303871	Driveshaft (RDL Extension Parts Listed Below)	29	302650	Cradle
7	300771	Pin	30	375787	Shifter Lever and Pin
8	303545	Oil Retainer	31	304083	Washer
9	302509	Screw	32	302504	Pin
10	302616	Cover	33	301912	Cotter Pin
11	27-283	Screw	34	302743	Thrust Washer
12	27-284	Washer	35	302528	Retaining Ring
13	302510	Screw	36	20-52	Ball Bearing
14	302521	Screen	37	302564	Oil Retainer
15	300077	Plug	38	303050	Housing
16	302604	Seal	39	302588	O-Ring
17	376409	Gearcase and Bearing	40	375790	Propeller
17A	300611	Dowel Pin	41	302566	Drive Pin
18	304070	Screw	42	375773	Propeller Nut
19	375829	Roller Bearing	43	19-84	Cotter Pin
20	302796	Shim (.004)	44	303869	Shift Rod - Lower
20	302797	Shim (.008)	45	301878	Bushing
20	302798	Shim (.010)	46	301877	O-Ring
20	302823	Shim (.006)	47	303059	O-Ring
21	375861	Gears and Pinion Bearing	48	304024	Screw
22	302552	Support	49	303794	Connector
23	43-147	Screw	50	301551	Lockwasher
			51	303690	Bushing
			52	304084	Bushing
			53	303358	Pivot Pin

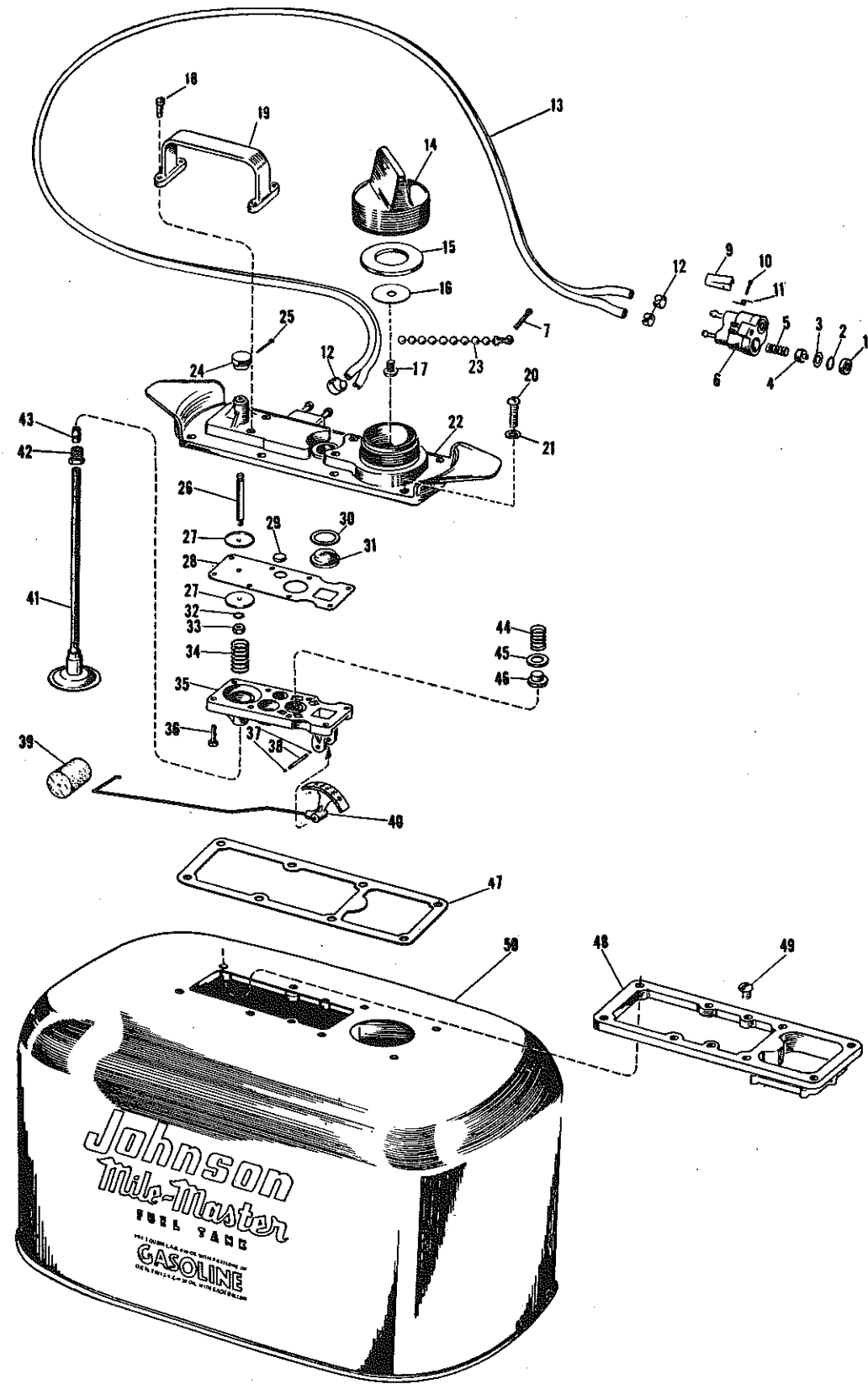
### MODEL RDL-17S PARTS THAT DIFFER FROM MODEL RD-17S

Photo No.	Part No.	Name of Part
6	304033	Driveshaft(RDL)
13	302510	Screw - (RDL)
44	304034	Shift Rod - Lower (RDL)
54	304030	Extension (RDL)
55	304175	Adapter (RDL)
56	304174	Adapter O-Ring (RDL)

See page 17 for additional Model RDL-17S parts.

Order All Parts from Nearest Service Station or Dealer

# MILE MASTER FUEL TANK ASSEMBLY



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

## PHOTO AND PART NUMBERS FOR MILE MASTER FUEL TANK ASSEMBLY

Photo No.	Part No.	Name of Part	Photo No.	Part No.	Name of Part
1	301828	Retainer	28	302563	Diaphragm
2	301824	O-Ring	29	301802	Disc Valve
3	301827	Washer	30	302571	Seal
4	301826	Valve	31	302568	Glass
5	301825	Spring	32	301736	Lockwasher
6	375587	Fuel Connector Assembly	33	21-195	Nut
7	15-213	Cotter Pin	34	301803	Spring
9	301830	Lock	35	302555	Housing
10	301832	Rivet	36	13-558	Screw
11	301829	Spring	37	302654	Snap Ring
12	301822	Hose Clamp	38	302653	Pin
13	301821	Hose	39	302559	Float
14	375817	Filler Cap Assembly	40	375778	Indicator Assembly
15	301835	Gasket	41	375846	Foot Valve Assembly
16	302560	Plate	42	132691	Nut
17	301837	Screw	43	13-304	Gland
18	13-558	Screw	44	302135	Spring
19	302570	Handle	45	302137	Washer
20	304137	Screw	46	302136	Valve
21	301814	Gasket	47	302557	Gasket
22	376276	Housing	48	302556	Support
24	301838	Chain	49	53-85	Screw
25	17-186	Cotter Pin	50	375774	Fuel Tank (Only)
26	302561	Push Rod Support			(375777 Fuel Tank Assembly Complete)

Order All Parts from Nearest Service Station or Dealer

Contact your Johnson Sea-Horse Dealer for replacement  
parts, information on part prices and Johnson service.

