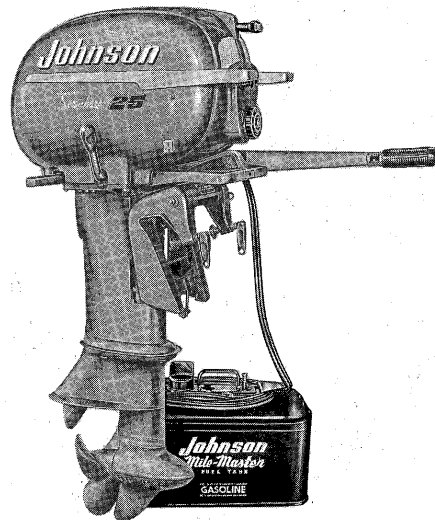


PARTS CATALOG

FOR

Models RD 12 and 13

1952

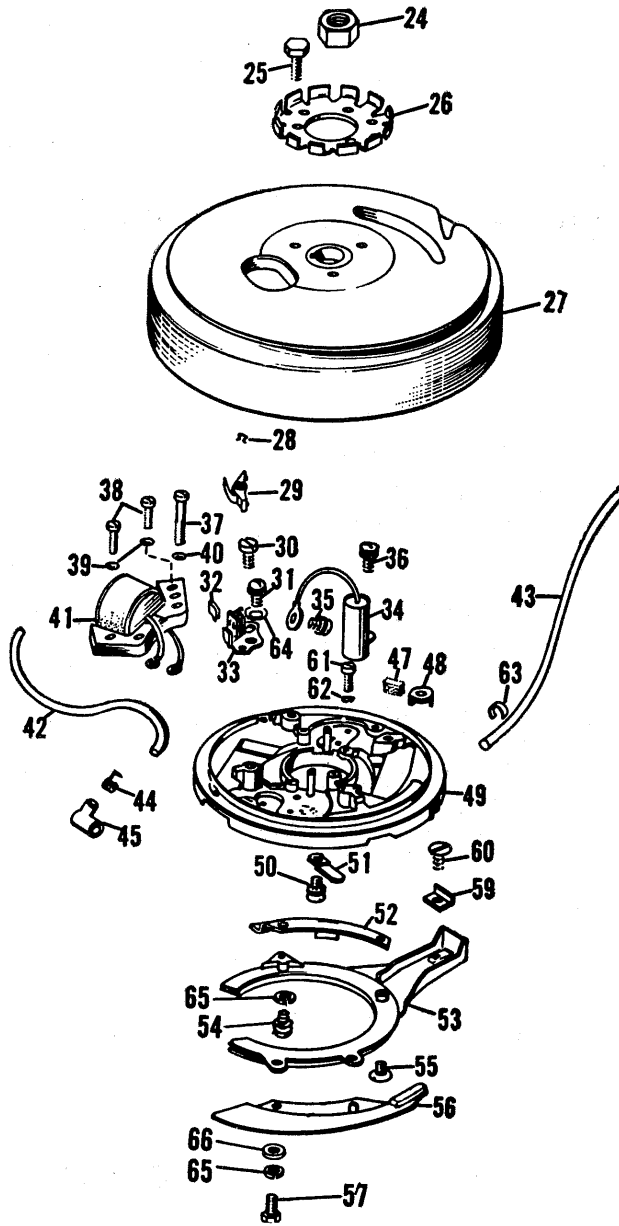


SEA HORSE 25

JOHNSON MOTORS

Waukegan, Illinois, U. S. A.

MAGNETO GROUP



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

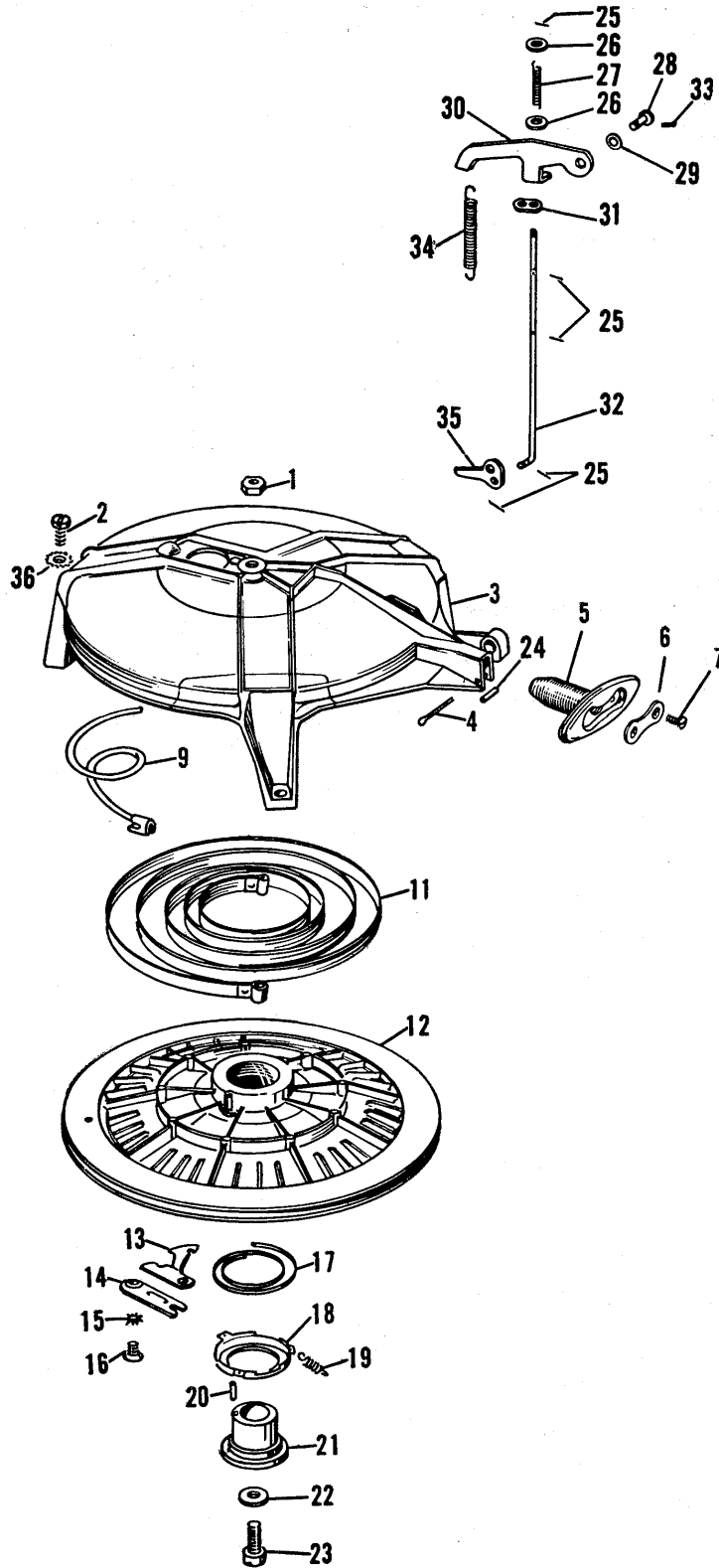
PHOTO AND PARTS NUMBERS FOR MAGNETO GROUP

Photo No.	Part No.	Photo No.	Part No.
24	71-1331	44	510231
25	302468	45	510232
26	202111	47	510189
27	580109	48	510188
28	71-1052	49	580121
29	580123		
	(580148 Breaker Assembly)		(580145 Armature Plate Assembly)
30	510185	50	510193
31	510278	51	510190
32	510204	52	302829
33	580122	52	302623
	580148 Breaker Assembly)	54	302812
34	510173	55	131024
35	510194	56	302830
36	510193	57	302750
37	510191	59	302752
38	510195	60	302751
39	300154	61	510192
40	300154	62	3-28
41	580118	63	71-1239
42	510210	64	510208
	(580135 H.T. Lead Assembly	65	71-1487
	—Upper)	66	71-1531
43	510203		
	(580146 H.T. Lead Assembly		
	—Lower)		

See Page 20 for Numerical Part List

Order All Parts from Nearest Service Station or Dealer

STARTER ASSEMBLY GROUP



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

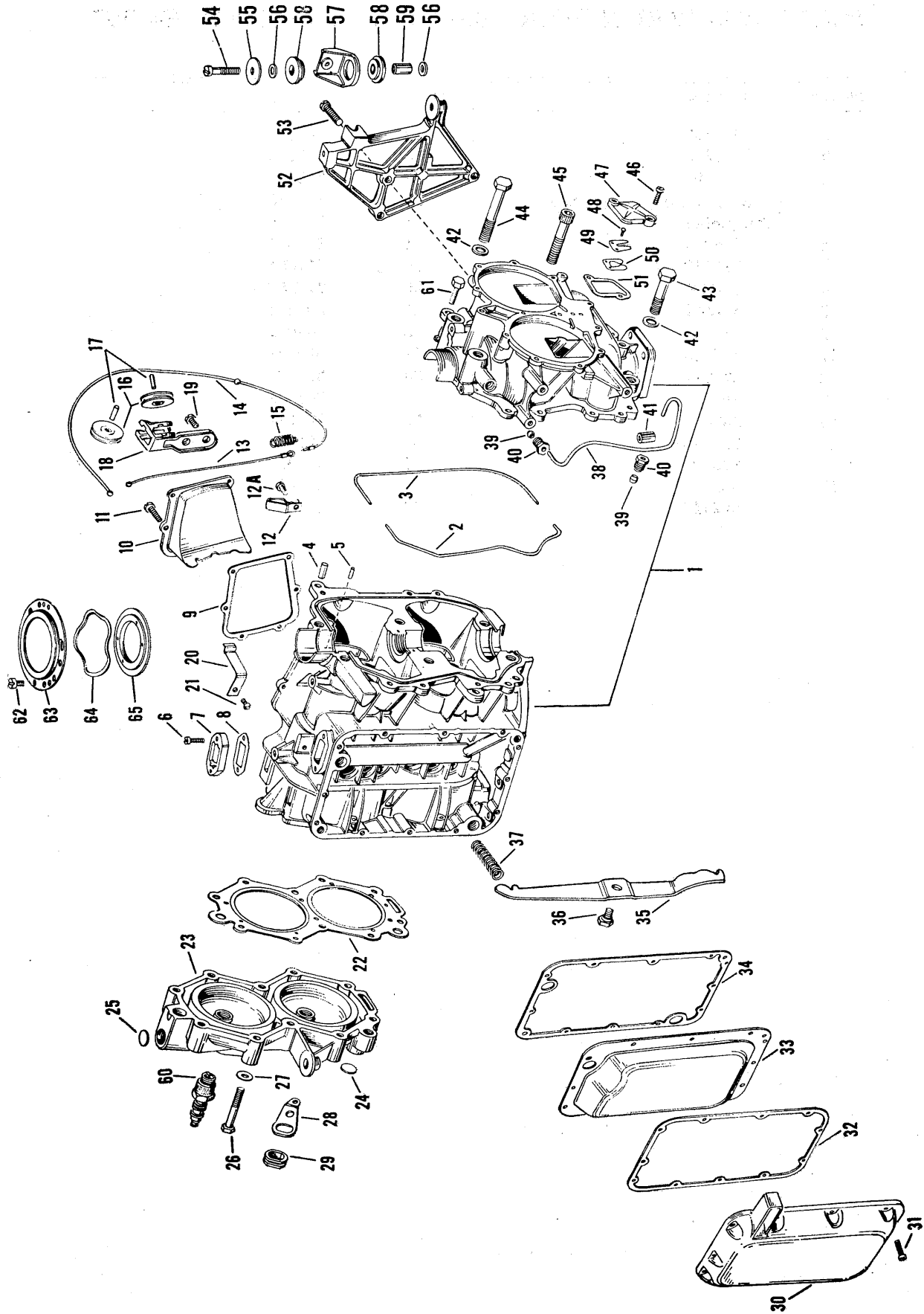
PHOTO AND PART NUMBERS FOR STARTER ASSEMBLY GROUP

Photo No.	Part No.	Photo No.	Part No.
1	302103	19	202155
2	303288	20	202156
3	375768	21	276643
	(375865 Starter Assembly Complete)	22	202356
4	120219	23	51-223
5	375542	24	302831
6	41-188	25	41-110
7	41-205	26	71-1447
9	42-137	27	303051
11	375836	28	303042
12	375771	29	510208
13	202470	30	303023
14	202317	31	303033
15	71-1026	32	303022
16	302104	33	301912
17	302222	34	303032
18	202114	35	303026
		36	51-137

See Page 20 for Numerical Part List

Order All Parts from Nearest Service Station or Dealer

POWER HEAD GROUP



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

PHOTO AND PART NUMBERS FOR POWER HEAD GROUP

Photo No.	Part No.	Photo No.	Part No.
1	375786	33	302549
2	302621	34	302607
3	302622	35	302609
4	300402	36	302592
5	302037	37	302587
6	1-132	38	375862
7	302582	39	11-61
8	302581	40	41-105
9	302586	41	302811
10	302542	42	300343
11	43-259	43	302600
12	302749	44	301431
12A	302824	45	302579
13	375803	46	13-558
14	375804	47	302033
15	302706	48	19-191
16	302659	49	302034
17	302658	50	302031
18	302683	51	302032
19	132823	52	302548
20	302795	53	21-124
21	39-169	54	41-178
22	302583	55	302407
23	375779	56	43-302
24	13-426	57	302404
25	19-51	58	302405
26	300261	59	302406
27	37-154	60	200322
28	300455	61	300646
29	300454	62	41-223
30	302550	63	302599
31	43-110	64	302580
32	302608	65	302442

See Page 20 for Numerical Part List

Order All Parts from Nearest Service Station or Dealer

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

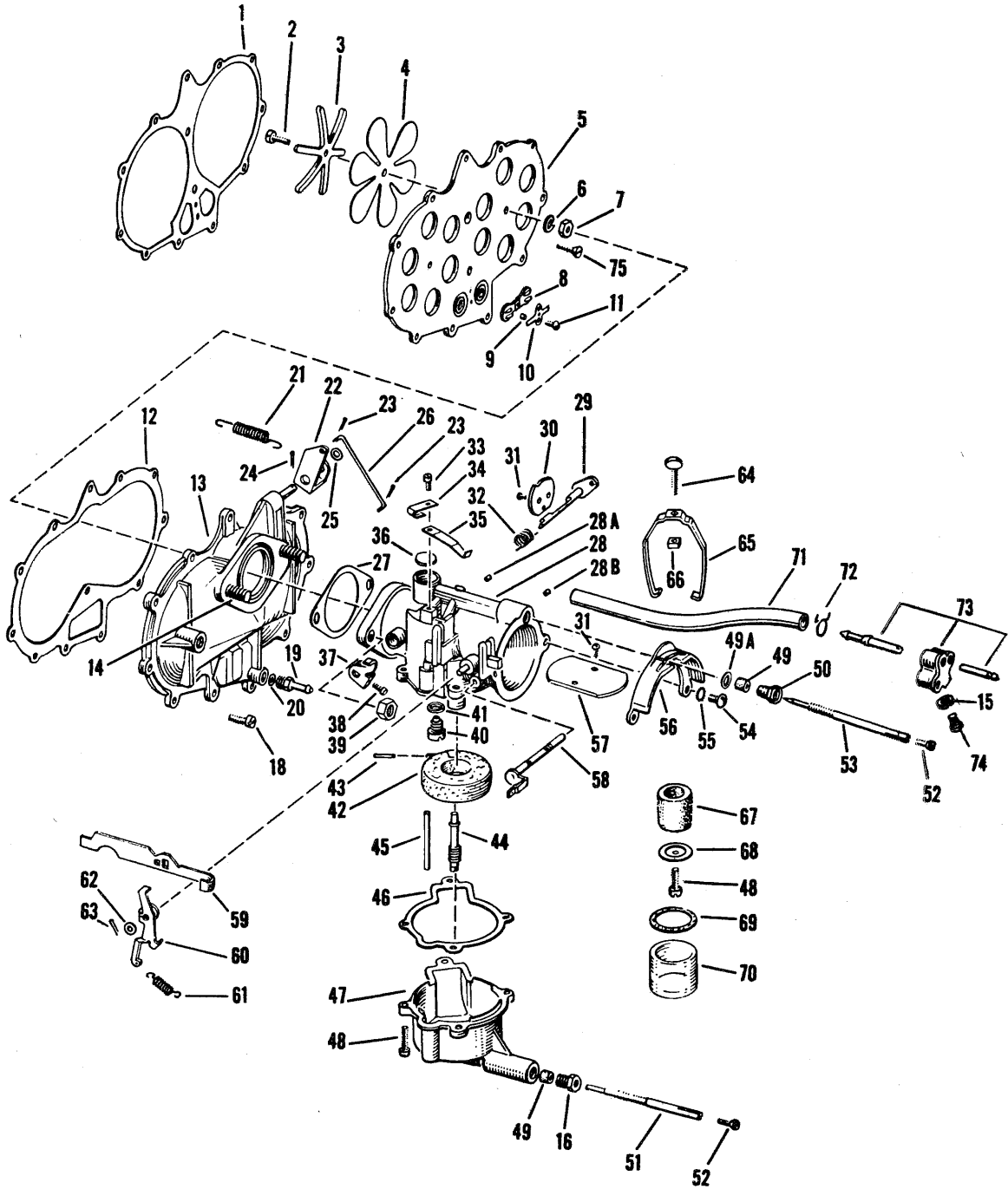
**PHOTO AND PART NUMBERS FOR CRANKSHAFT, PISTON
AND CONNECTING ROD GROUP**

Photo No.	Part No.	Photo No.	Part No.
1	510169	18	302585
2	302593	19	302755
3	302539	20	302584
4	302594	21	302536
9	302538	22	202967
10	302540	23	375767
11	302537	24	302603
12	375763	25	302529
13	302601	27	375781
14	302530	28	302576
15	302602	29	302577
16	302578	30	302533

See Page 20 for Numerical Part List

Order All Parts from Nearest Service Station or Dealer

CARBURETOR GROUP



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

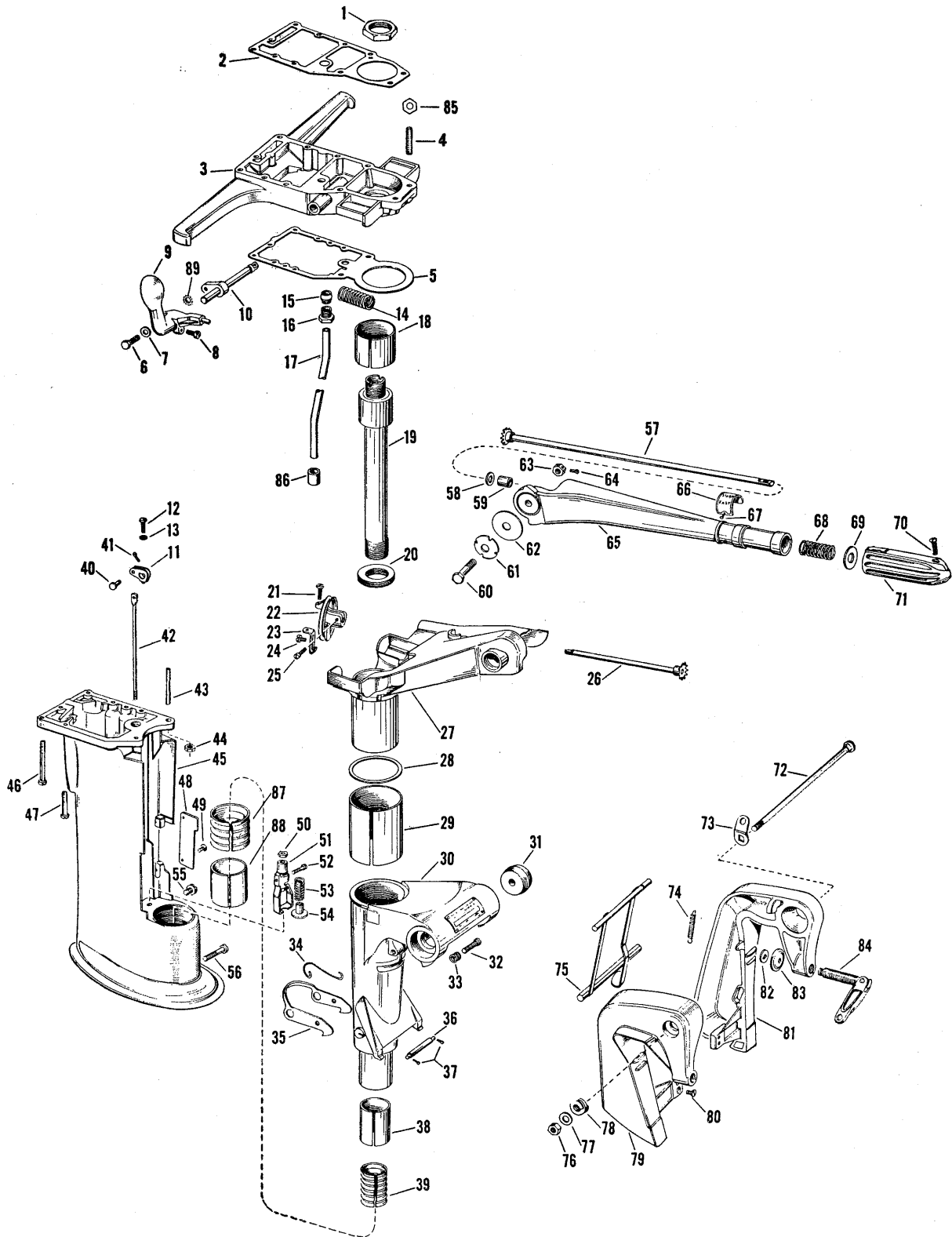
PHOTO AND PART NUMBERS FOR CARBURETOR GROUP

Photo No.	Part No.	Photo No.	Part No.
1	302606	36	19-51
2	301858	37	302791
3	302543	38	131249
4	302532	39	7-46
5	302547	40	375798
	(277117 Leaf Plate Assembly)	41	301996
6	71-1487	43	375792
7	85-64	42	375792
8	302042	44	302663
9	302046	45	302666
10	302048	46	302670
11	19-191	47	302615
12	302605	48	13-558
13	375869	49	43-123
14	302822	49A	302756
15	13-52	50	300179
16	302965	51	302673
18	43-110	52	551517
19	301820	53	302668
20	302819	54	39-169
21	302708	55	301736
22	302619	56	302816
23	41-110	57	302674
24	41-163	58	375802
25	301827	59	302726
26	302618	60	302725
27	302598	61	302747
28	375932	62	85-54
	(375815 Carburetor Assembly Complete)	63	41-163
28A	301732	64	302669
28B	21-295	65	302664
29	375938	66	302054
30	302828	67	302062
31	302667	68	302060
32	302696	69	302675
33	43-156	70	302676
34	302792	71	302657
35	302722	72	302647
		73	375788
		74	132823
		75	302104

See Page 20 for Numerical Part List

Order All Parts from Nearest Service Station or Dealer

LOWER UNIT AND STEERING HANDLE GROUP



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

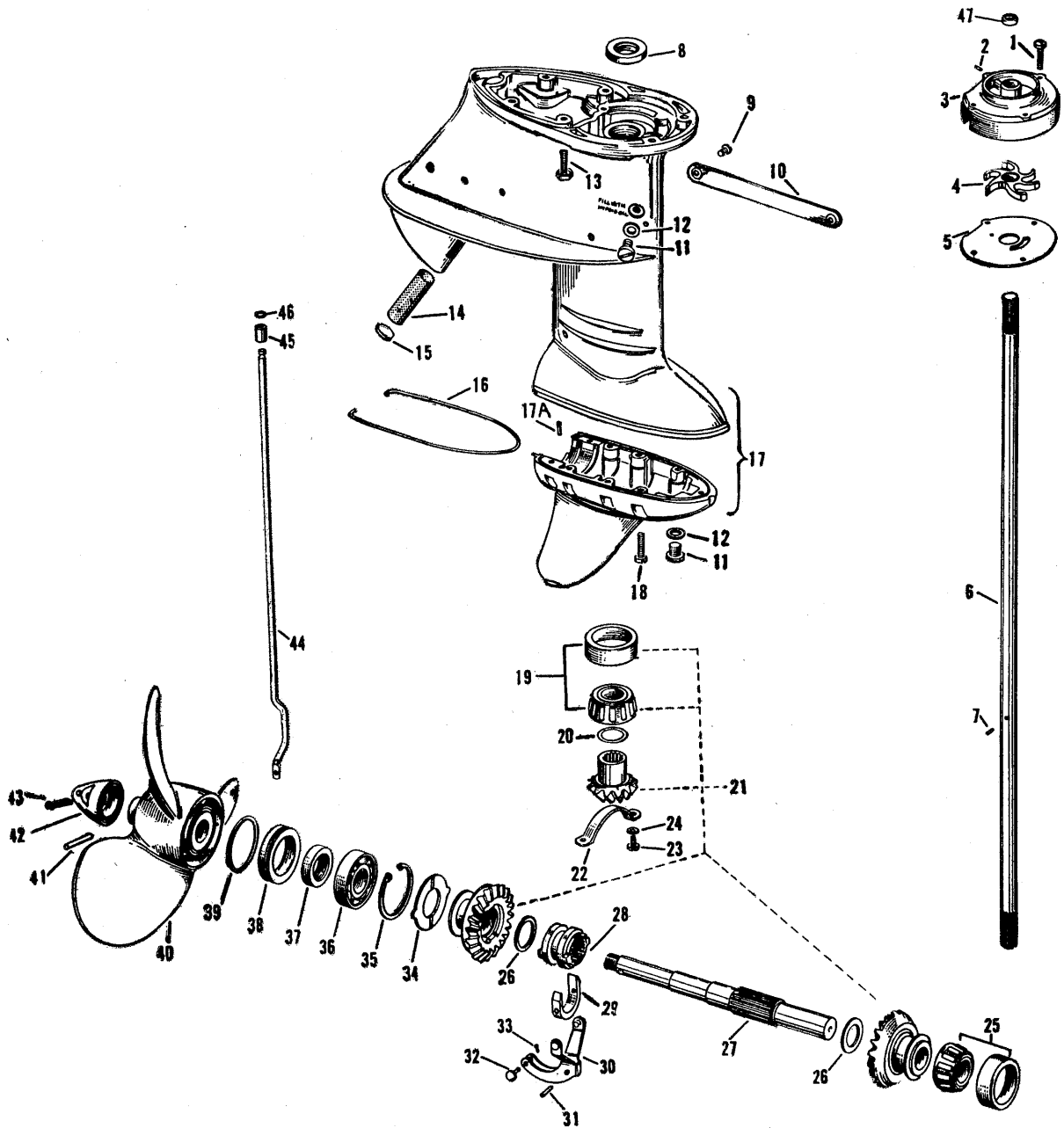
PHOTO AND PART NUMBERS FOR LOWER UNIT
AND STEERING HANDLE GROUP

Photo No.	Part No.	Photo No.	Part No.
1	302642	46	302754
2	302625	47	132679
3	302699	48	302645
4	15-149	49	302681
5	302821	50	301949
6	300646	51	302628
7	21-165	52	300258
8	21-167	53	302639
9	375766	54	301915
10	376220	55	27-283
11	376220	56	302678
12	302680	57	375818
13	302679	58	302712
14	302713	59	302717
15	7-170	60	302721
16	302632	61	302631
17	375863	62	302703
18	302728	63	302803
19	375782	64	302804
20	302707	65	302700
21	302688	66	302735
22	302629	67	301992
23	302646	68	301656
24	302346	69	302711
25	71-1352	70	302710
26	375819	71	302720
27	375800	72	302643
28	302635	73	300364
29	302638	74	302736
30	375797	75	375810
31	302637	76	17-182
32	27-17	77	25-196
33	303562	78	302051
34	302634	79	375796
35	302715	80	11-185
36	302640	81	375795
37	301974	82	302420
38	302719	83	41-48
39	302737	84	375747
40	302504	85	7-46
41	301912	86	302636
42	302641	87	302738
43	302596	88	302714
44	7-46	89	51-137
45	375811		

See Page 20 for Numerical Part List

Order All Parts from Nearest Service Station or Dealer

GEARCASE ASSEMBLY GROUP



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

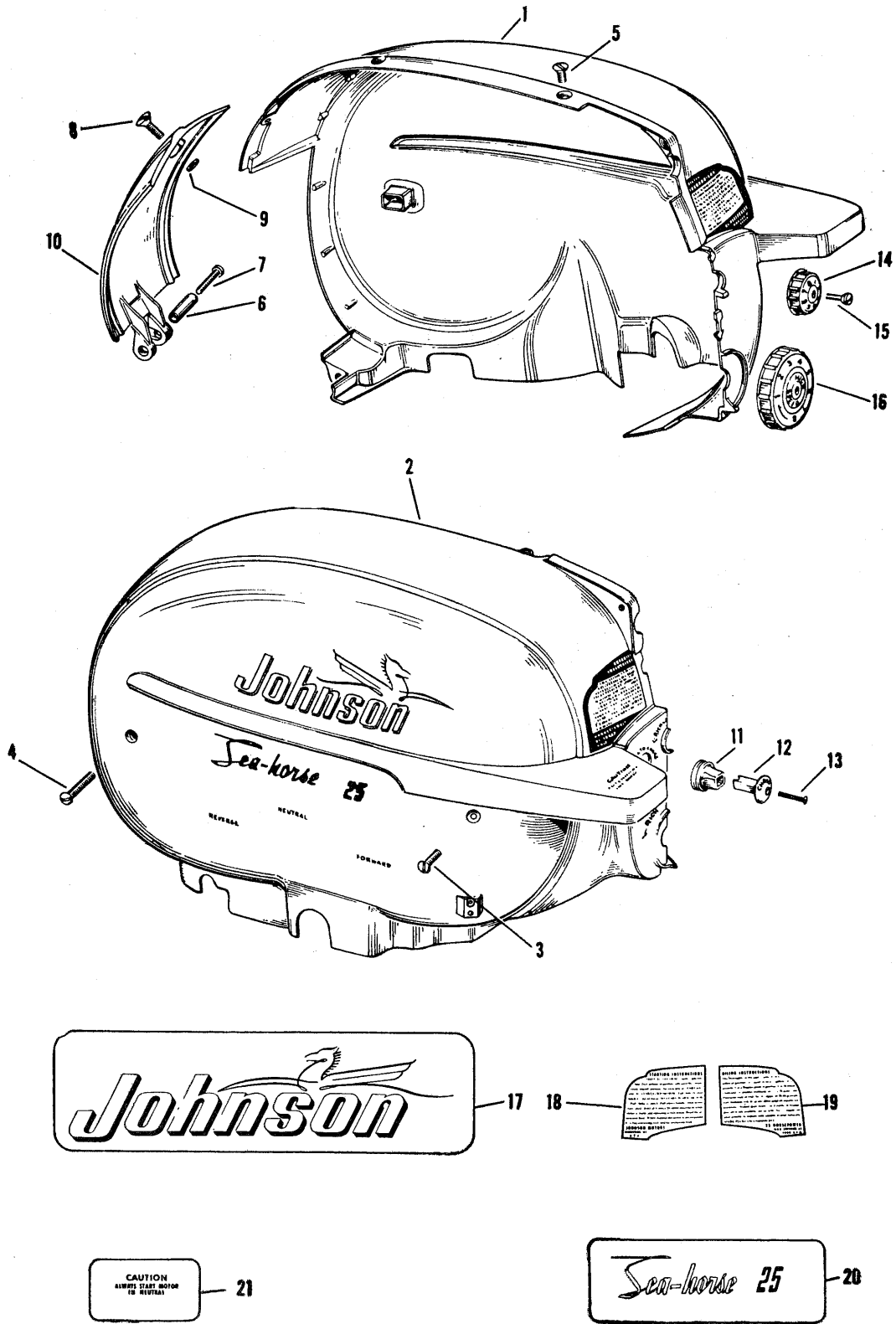
PHOTO AND PART NUMBERS FOR GEARCASE ASSEMBLY GROUP

Photo No.	Part No.	Photo No.	Part No.
1	302677	23	43-147
2	33-69	24	71-915
3	375857	25	375761
4	375808	26	302565
5	302617	27	302522
6	302624	28	375783
6	302806	29	302650
	RDL Extension See 302805	30	375787
7	300771	31	302501
8	302545	32	302504
9	302509	33	301912
10	302616	34	302743
11	27-283	35	302528
12	27-284	36	20-52
13	302510	37	302564
14	302521	38	303050 (RD-13)
15	300077	38	302825 (RD-12)
16	302604	39	302588
17	376344	40	375790
17A	300611	41	302566
18	304070	42	375773
19	302796	43	19-84
20	302797	44	302627
20	302798	44	302807
20	302823	45	301878
21	375861	46	301877
22	302552	47	303059 (RD-13)

See Page 20 for Numerical Part List

Order All Parts from Nearest Service Station or Dealer

SHROUD ASSEMBLY GROUP



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

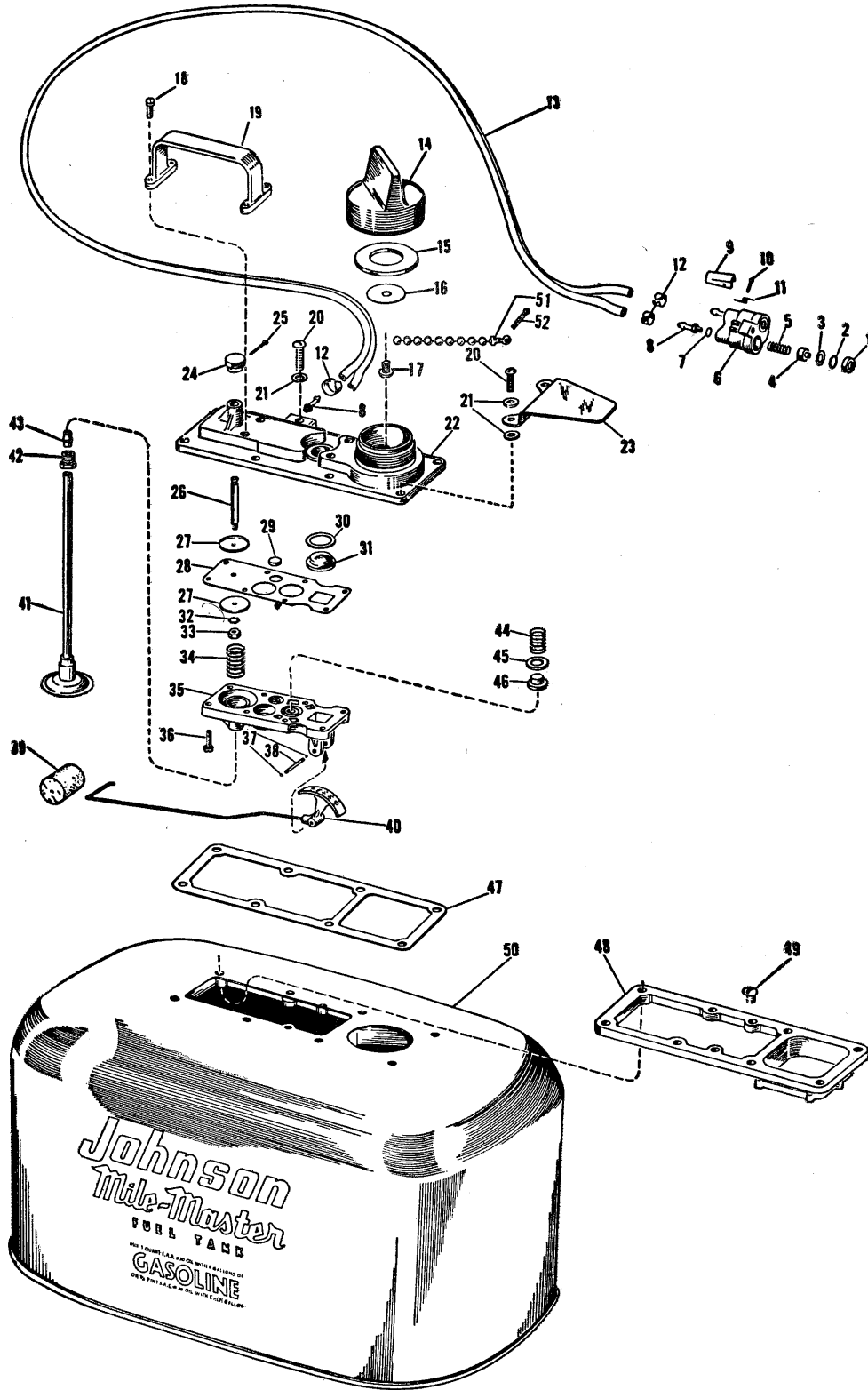
PHOTO AND PART NUMBERS FOR SHROUD ASSEMBLY GROUP

Photo No.	Part No.	Photo No.	Part No.
1	375793	12	302760
2	375794	13	302761
3	300634	14	302766
4	302682	15	551517
5	302007	16	302767
6	302813	17	302840 Star
7	39-72	17	302835 Port
8	121019	18	303039 Star
9	85-54	19	302837 Port
10	302687	20	302836 Star & Port
11	302759	21	302818 Star

See Page 20 for Numerical Part List

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.	Photo No.	Part No.
1	301828	28	302563
2	301824	29	301802
3	301827	30	302571
4	301826	31	302568
5	301825	32	301736
6	375587	33	21-195
7	301819	34	301803
8	301820	35	302555
9	301830	36	13-558
10	301832	37	302654
11	301829	38	302653
18	301822	39	302559
13	301821	40	375778
14	375817	41	375846
15	301835	42	132691
16	302560	43	13-304
17	301837	44	302135
18	43-259	45	302137
19	302570	46	302136
20	132124	47	302557
21	301814	48	302556
22	302572	49	53-85
23	302802	50	375774
24	301815	51	301838
25	17-186	52	15-213
26	302561		
27	301800		

**(375777 Fuel Tank Assembly
Complete)**

See Page 20 for Numerical Part List

Order All Parts from Nearest Service Station or Dealer

Always Give Part Number and Motor Number

NUMERICAL LIST

Part No.	No. Required Per Motor	NAME OF PART
1-132	2	Screw - Water Passage Cover to Cylinder.....
3-28	2	Lockwasher - Armature Plate Mounting Screw.....
7-46	5	Nut - Carburetor to Manifold Stud - Adapter to Crankcase - Exhaust Tube to Cylinder.....
7-170	1	Gland - Water Tube.....
11-61	2	Gland - Oil Line.....
11-185	2	Screw - Stern Bracket - Port to Star.....
13-52	1	Lockwasher - Body Assembly to Steering Bracket.....
13-304	1	Gland - Fuel Line.....
13-426	1	Core Plug - Cylinder Head - Bottom.....
13-558	15	Screw - Upper to Lower Housing - Leaf Valve Cover to Crankcase - Float Chamber to Carburetor body and Fuel Filter
15-149	2	Stud - Adapter to Crankcase.....
15-213	1	Cotter Pin - Filler Cap.....
17-182	1	Nut - Tilting Shaft.....
17-186	1	Cotter Pin - Push Button.....
19-51	2	Core Plug - Cylinder Head - Top.....
19-84	1	Cotter Pin - Propeller Nut.....
19-191	4	Screw - Leaf Valve to Crankcase - Check Valve to Leaf Plate
20-52	1	Ball Bearing - Propeller Shaft.....
20-124	6	Screw - Bracket to Crankcase.....
21-165	1	Washer - Shift Lever to Shift Screw.....
21-167	1	Screw - Shift Lever to Shaft.....
21-195	2	Nut - Push Rod - Carburetor Body.....
25-196	1	Washer - Tilting Shaft.....
27-17	1	Screw - Swivel Bracket.....
27-283	3	Screw - Drain, Fill and Flush.....
27-284	2	Washer - Drain and Fill.....
33-69	1	Plug - Impeller Housing.....
37-154	9	Washer - Cylinder Head Screw.....
39-72	1	Screw - Port to Star - Spark Plug Cover Hinge.....
39-169	3	Screw - Air Horn to Carburetor Body - Idle Control Spring
41-48	2	Swivel Plate - Clampscrew.....
41-105	2	Packing Nut - Oil Line.....
41-110	7	Pin - Link to Throttle - Cam Followers and Throttle Shaft Link
41-163	2	Cotter Pin - Bell Crank - Cam Follower to Manifold.....
41-178	4	Screw - Shroud Mounting.....
41-188	1	Clamp Plate - Rope Handle.....
41-205	2	Screw - Clamp Plate to Handle.....
41-223	4	Screw - Armature Plate Support.....
42-137	1	Starter rope and anchor.....
43-110	24	Screw - Exhaust Cover to Cylinder.....
43-123	6	Packing - Needle Valve.....
43-147	2	Screw - Driveshaft Support.....
43-156	1	Screw - Spring - Choke Control Rod.....
43-259	16	Screw - Handle to Housing - Bypass Cover.....
43-302	8	Washer - Shroud Mounting - Small.....
51-137	4	Lockwasher - Shift Lever to Bracket - Starter Housing to Bracket
51-223	1	Screw - Spindle to Starter Housing.....
53-85	2	Screw - Support Plate to Fuel Tank.....
71-915	2	Lockwasher - Driveshaft Support Screw.....

Order All Parts from Nearest Service Station or Dealer

NUMERICAL LIST

Part No.	No. Required Per Motor	NAME OF PART
71-1026	3	Lockwasher - Retainer Screw.....
71-1052	2	Spring Clip
71-1239	1	Marker - H.T. Lead - Upper.....
71-1331	1	Nut - Crankshaft.....
71-1352	1	Screw - Control Cable Pulley to Shaft.....
71-1447	2	Washer - Throttle Shaft Link.....
71-1487	5	Lockwasher - Throttle Cam Screw - Shifter Lock Stop and Leaf to Leaf Plate Screw.....
71-1531	2	Washer - Throttle Cam Screw.....
85-54	2	Washer - Retaining - Spark Plug Cover Screw - Carburetor
85-64	2	Nut - Leaf to Leaf Plate Screw.....
120219	1	Cotter Pin - Starter Housing.....
121019	1	Lockring - Spark Plug Cover Screw.....
131024	1	Screw - Pulley to Armature Plate (Flat Head).....
131249	1	Screw - Throttle Shaft Lever.....
132124	8	Screw - Support Plate to Housing.....
132679	2	Screw - Exhaust Tube to Adapter.....
132691	1	Nut - Fuel Line.....
132823	3	Screw - Armature Plate Control Pulley to Cylinder - Fuel Connector Body to Steering Bracket.....
200322	2	Spark Plug
202111	1	Ratchet - Starter.....
202114	1	Equalizer Cup
202155	3	Spring - Equalizer Cup.....
202156	1	Pin - Starter Spindle.....
202317	3	Retainer - Starter Pawl.....
202356	1	Washer - Starter Spindle.....
202470	3	Starter Pawl
202967	4	Screw - Connecting Rod.....
276643	1	Spindle and Pin Assembly.....
277117*	1	Leaf Plate Assembly.....
300077	1	Plug - Water Intake Screen.....
300154	6	Washer - Lamination Mounting.....
300179	1	Packing Nut - Slow Speed Needle.....
300258	1	Screw - Shift Rod Clamp.....
300261	10	Screw - Cylinder Head.....
300343	4	Washer - Top and Bottom Cylinder Screw.....
300364	1	Link - Safety Chain.....
300402	2	Tapered Pin - Cylinder.....
300454	1	Grommet - H.T. Lead.....
300455	1	Anchor - H.T. Lead.....
300611	1	Dowel Pin - Gearcase to Oil Retainer Housing.....
300634	3	Screw - Shroud to Bracket - Front and Spark Plug Cover.....
300646	9	Screw - Crankcase to Cylinder - Shifter Lever to Bracket...
300771	1	Pin - Impeller.....
301431	2	Screw - Long - Crankcase to Cylinder - Top.....
301656	1	Spring - Steering Handle Grip.....
301682	2	Screw - Shroud to Bracket - Rear.....
301732	1	Plug - Fuel Passage - Carburetor Body.....
301736	3	Lockwasher - Air Horn to Carburetor Body Screw - Push Rod
301800	2	Support - Diaphragm - Fuel Pump.....
301802	1	Disc Valve
301803	1	Spring - Fuel Pump.....
301814	12	Gasket - Support Plate to Housing Screw.....

*These assemblies are not shown in illustration.

Order All Parts from Nearest Service Station or Dealer

Always Give Part Number and Motor Number

NUMERICAL LIST

Part No.	No. Required Per Motor	NAME OF PART
301815	1	Push Button - Fuel Pump.....
301819	6	Washer - Nipple - Manifold to Carburetor Nipple.....
301820	6	Nipple - Hose - Manifold and Carburetor.....
301821	1	Hose
301822	4	Hose Clamp
301824	2	O-Ring - Seal - Fuel Connector.....
301825	2	Spring - Valve - Fuel Connector.....
301826	2	Valve - Fuel Connector.....
301827	3	Washer - Valve Guide - Fuel Connector - Cam Follower.....
301828	2	Retainer - Seal Ring - Fuel Connector.....
301829	1	Spring - Lock - Fuel Connector.....
301830	1	Lock - Fuel Connector.....
301832	1	Rivet - Lock - Fuel Connector.....
301835	1	Gasket - Filler Cap.....
301837	1	Screw - Filler Cap.....
301838	1	Chain - Filler Cap - Gas Tank.....
301858	2	Screw - Leaf Attaching.....
301877	1	O-Ring - Shift Rod - Lower.....
301878	1	Bushing - Shift Rod - Lower.....
301912	3	Cotter Pin - Shifter Lever - Shift Rod Pin - Upper Lever to Housing Pin
301915	1	Sleeve - Reverse Lock.....
301949	1	Nut - Shift Rod Clamp.....
301912	3	Cotter Pin - Shifter Lever - Shift Rod Pin - Upper Lever to
301992	2	Stud - Throttle Control Plate.....
301996	1	Washer - Float Valve Seat.....
302007	5	Screw - Shroud - Port to Star.....
302031	1	Leaf Valve - Crankcase Drain.....
302032	1	Gasket - Leaf Valve Cover.....
302033	1	Cover - Leaf Valve.....
302034	1	Plate - Leaf Valve.....
302037	3	Dowel - Upper, Lower and Center Bearing.....
302042	1	Check Valve - Air Line - Crankcase.....
302046	2	Spacer - Check Valve Spring.....
302048	1	Spring - Check Valve.....
302051	1	Spring - Tilting Shaft.....
302054	1	Nut - Yoke -Fuel Filter.....
302060	1	Retainer - Fuel Filter.....
302062	1	Filter - Fuel
302103	1	Nut - Spindle Screw.....
302104	4	Screw - Leaf Plate to Crankcase.....
302135	1	Spring - Pressure Release Valve.....
302136	1	Valve - Pressure Release.....
302137	1	Washer - Pressure Release Valve.....
302222	1	Friction Spring - Starter.....
302346	1	Screw - Control Cable Pulley.....
302404	4	Bracket - Shroud Mounting.....
302405	8	Grommet - Shroud Mounting Bracket.....
302406	4	Spacer - Shroud Mounting.....
302407	4	Washer - Shroud Mounting - Large.....
302420	2	Retainer - Clampscrew.....
302442	1	Retaining Ring - Armature Plate.....
302468	3	Screw - Ratchet to Flywheel.....
302501	1	Pin - Shifter Lever.....
302504	2	Pin - Shift Rod.....
302509	2	Screw - Water Bypass Cover.....
302510	6	Screw - Gearcase to Exhaust Tube.....
302521	1	Screen - Water Intake.....
302522	1	Propeller Shaft
302528	1	Retaining Ring - Gearcase.....
302529	40	Needle Bearing - Connecting Rod.....
302530	1	Crankshaft

Order All Parts from Nearest Service Station or Dealer

Always Give Part Number and Motor Number

NUMERICAL LIST

Part No.	No. Required Per Motor	NAME OF PART
302532	2	Leaf
302533	6	Piston Ring
302536	1	Retaining Ring - Lower - Retaining Washer
302537	2	O-Ring - Upper and Lower Bearing Seal
302538	2	Seal - Upper and Lower Bearing
302539	2	Spring - Seal
302540	2	O-Ring - Carbon Seal - Crankcase
302542	2	Cover - Bypass
302543	2	Leaf Stop
302545	1	Oil Retainer - Driveshaft
302547	1	Leaf Plate
302548	2	Bracket - Shroud, Starter Mount - Port and Star
302549	1	Cover - Exhaust - Inner
302550	1	Cover - Exhaust - Outer
302552	1	Support - Driveshaft
302555	1	Housing - Lower - Fuel Tank
302556	1	Support - Plate - Fuel Tank
302557	1	Gasket - Fuel Tank
302559	1	Float - Fuel Tank
302560	1	Plate - Filler Cap
302561	1	Push Rod - Fuel Pump
302563	1	Diaphragm - Fuel Pump
302564	1	Oil Retainer - Propeller Shaft
302565	2	Thrust Washer - Propeller Shaft
302566	1	Drive Pin - Propeller
302568	1	Glass - Fuel Tank
302570	1	Handle - Fuel Tank
302571	1	Seal - Fuel Tank Glass
302572	1	Housing - Upper - Fuel Tank
302576	2	Wrist Pin
302577	4	Spring Ring - Wrist Pin
302578	1	Pin - Cam to Crankshaft
302579	2	Screw - (Allen) - Crankcase to Cylinder - Center
302580	1	Wave Washer - Armature Plate
302581	1	Gasket - Cylinder Water Passage Cover
302582	1	Cover - Cylinder Water Passage
302583	1	Gasket - Cylinder Head
302584	18	Needle - Center Bearing
302585	1	Split Sleeve - Center Bearing
302586	2	Gasket - Bypass Cover to Cylinder
302587	1	Spring - Shifter Lock to Cylinder
302588	1	O-Ring - Oil Retainer Housing
302592	1	Screw - Shifter Lock to Cylinder
302593	2	Retaining Washer - Outer Seal Spring
302594	2	Retaining Washer - Seal Spring
302596	2	Stud - Exhaust Tube to Adapter to Cylinder
302598	1	Gasket - Manifold to Carburetor
302599	1	Support - Armature Plate
302600	2	Screw - Short - Crankcase to Cylinder - Bottom
302601	1	Thrust Washer - Crankshaft
302602	1	Key - Crankshaft to Flywheel
302603	2	Retainer - Connecting Rod
302604	1	Seal - Gearcase - Upper to Lower
302605	1	Gasket - Leaf Plate to Manifold
302606	1	Gasket - Leaf Plate to Crankcase
302607	1	Gasket - Inner Exhaust Cover to Cylinder
302608	1	Gasket - Inner to Outer Exhaust Cover
302609	1	Shifter Lock
302615	1	Float Chamber
302616	1	Cover - Water Bypass - Gearcase - Upper
302617	1	Plate - Impeller Housing

Order All Parts from Nearest Service Station or Dealer

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NUMERICAL LIST

Part No.	No. Required Per Motor	NAME OF PART
302618	1	Link - Throttle Lever to Cam Follower.....
302619	1	Cam Follower - Throttle.....
302621	1	Seal - Cylinder to Crankcase - Star.....
302622	1	Seal - Cylinder to Crankcase - Port.....
302623	1	Pulley - Armature Plate.....
302624	1	Driveshaft - (RD).....
302625	1	Gasket - Adapter to Powerhead.....
302627	1	Shift Rod - Lower (RD).....
302628	1	Clamp - Shift Rod.....
302629	1	Pulley - Control Cable - Lower.....
302631	1	Spring Washer - Steering Handle.....
302632	1	Gland Nut - Water Tube.....
302634	1	Spring - Reverse Lock.....
302635	1	Thrust Washer - Swivel Bracket.....
302636	1	Grommet - Exhaust Tube.....
302637	2	Conical Washer - Tilting Shaft.....
302638	1	Lining - Swivel Bracket.....
302639	1	Spring - Shift Rod Clamp.....
302640	1	Rod - Reverse Lock.....
302641	1	Shift Rod - Upper.....
302642	1	Nut - Pilot Shaft.....
302643	1	Bolt - Tilting Shaft.....
302645	1	Cover Plate - Exhaust Tube.....
302646	1	Clamp - Control Cable to Pulley.....
302647	4	Clamp - Connector to Carburetor Hose.....
302650	1	Cradle.....
302653	1	Pin - Indicator to Lower Housing.....
302654	3	Snap Ring - Indicator Pin.....
302657	2	Hose - Connector to Carburetor - Fuel and Air.....
302658	2	Shaft - Small - Armature Plate Control Pulley.....
302659	2	Pulley - Small - Armature Plate Control.....
302661	1	Hinge Pin.....
302663	1	Nozzle - High Speed.....
302664	1	Yoke - Fuel Filter.....
302666	1	Tube - Slow Speed.....
302667	4	Screw - Throttle and Choke Valve to Shaft.....
302668	1	Needle Valve - Slow Speed.....
302669	1	Thumb Screw - Fuel Filter.....
302670	1	Gasket - Carburetor Body to Bowl.....
302673	1	Needle Valve - High Speed.....
302674	1	Choke Valve.....
302675	1	Gasket - Fuel Filter.....
302676	1	Bowl - Fuel Filter.....
302677	4	Screw - Impeller Housing.....
302678	1	Screw - Exhaust Tube.....
302679	1	Washer - Shift Rod Screw.....
302680	1	Screw - Shift Rod.....
302681	2	Screw - Cover Plate - Exhaust Tube.....
302683	1	Bracket - Armature Plate Control Pulley to Cylinder.....
302687	1	Cover - Spark Plug.....
302688	1	Screw - Clamp to Pulley.....
302696	1	Spring - Throttle Shaft.....
302699	1	Carrying Handle and Adapter.....
302700	1	Steering Handle.....
302703	1	Thrust Washer - Steering Handle.....
302705	1	Cam - Throttle Control.....
302706	1	Spring - Control Cable.....
302707	1	Washer - Driveshaft Casing.....
302708	1	Spring - Cam Follower to Crankcase.....
302710	1	Screw - Steering Handle Grip.....

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NUMERICAL LIST

Part No.	No. Required Per Motor	NAME OF PART
302711	1	Washer - Steering Handle Grip.....
302712	1	Washer - Throttle Control.....
302713	2	Spring - Mounting - Powerhead to Lower Unit.....
302714	1	Spacer - Rubber Bushing - Outer.....
302715	1	Locking Lever - Reverse.....
302717	1	Bushing - Steering Handle.....
302719	1	Spacer - Rubber Bushing - Inner.....
302720	1	Grip - Steering Handle.....
302721	1	Screw - Steering Handle.....
302722	1	Spring - Choke Control Rod.....
302725	1	Bell Crank.....
302726	1	Choke Rod.....
302728	1	Lining - Steering Bracket.....
302735	1	Plate - Throttle Control.....
302736	1	Spring - Tilting Lever.....
302737	1	Rubber Bushing - Swivel Bracket.....
302738	1	Rubber Bushing - Outer.....
302743	1	Thrust Washer - Reverse Gear.....
302747	1	Spring - Choke Arm to Bell Crank (Order #376388).....
302749	1	Clamp - H.T. Lead to Bypass Cover.....
302750	2	Screw - Cam and Pulley to Armature Plate.....
302751	1	Screw - H.T. Lead to Armature Plate Pulley.....
302752	1	Clamp - H.T. Lead to Armature Plate Pulley.....
302754	7	Screw - Exhaust Tube to Cylinder.....
302755	2	Bearing Cage - Center.....
302756	1	Washer - Needle Valve.....
302759	1	Grommet - Choke.....
302760	1	Knob - Choke Control.....
302761	1	Screw - Choke Control Knob.....
302766	1	Adjusting Knob - Slow Speed.....
302767	1	Adjusting Knob - High Speed.....
302791	1	Lever - Throttle Shaft.....
302792	1	Spring - Choke Control Rod - Small.....
302795	1	Spring - Idle Control.....
302796	AS	Shim - Pinion Bearing - (.004).....
302797	AS	Shim - Pinion Bearing - (.008).....
302798	AS	Shim - Pinion Bearing - (.010).....
302802	2	Retainer - Hose.....
302803	1	Nut - Steering Handle.....
302804	1	Cotter Pin - Steering Handle Nut.....
302805*	1	Gearcase Extension - (RDL).....
302806	1	Driveshaft - (RDL).....
302807	1	Shifter Rod - Lower (RDL).....
302811	1	Spacer - Oil Line.....
302812	2	Screw - Stop to Armature Plate.....
302813	1	Spacer - Spark Plug Cover.....
302816	1	Air Horn - Carburetor.....
302818	1	Transfer - Caution - Star.....
302821	1	Gasket - Exhaust Tube to Adaptor.....
302822	2	Stud - Manifold to Carburetor.....
302823	AS	Shim - Pinion Bearing - (.006).....
302824	1	Screw - H.T. Lead Clamp.....
302825	1	Housing - Oil Retainer (RD-12).....
302828	1	Throttle Valve.....
302829	1	Stop - Shifter Lock.....
302830	1	Cam - Throttle Control.....
302831	1	Tube - Cotter Pin - Starter Housing.....
302835	1	Transfer - Port.....
302835	1	Transfer - Port.....
302837	1	Transfer - Oiling - Port.....

*These parts are not shown in illustration.

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Part No.	No. Required Per Motor	NAME OF PART
302840	1	Transfer - Star.....Net
302965	1	Packing Nut - High Speed Needle.....
303022	1	Link - Throttle Shaft.....
303023	1	Locking Lever.....
303026	1	Cam Follower - Starter Lock.....
303032	1	Spring - Spring Lock.....
303033	1	Spring Anchor - Link - Starter Lock.....
303039	1	Transfer - Starting - Star.....
303042	1	Pin - Locking Lever to Starter Housing.....
303050	1	Housing - Oil Retainer (RD-13).....
303051	1	Spring - Link to Locking Lever.....
303059	1	O-Ring - Driveshaft to Crankshaft (RD-13).....
303288	3	Screw - Starter Housing to Bracket.....
303562	1	Spring - Swivel Bracket.....
304070	10	Screw - Gear Case - Upper to Lower - Shift Rod Clamp.....
375542	1	Handle - Starter Rope.....
375587	1	Fuel Connector Assembly.....
375747	2	Clampscrew Assembly with Swivel Plate and Retnr.....
375761	1	Roller Bearing Assembly - Propeller Shaft.....
375763	2	Roller Bearing - Upper and Lower Journal.....
375766	1	Shift Lever Assembly.....
375767	2	Connecting Rod Assembly.....
375768	1	Starter Housing and Pin Assembly.....
375771	1	Starter Pulley Assembly.....
375773	1	Propeller Nut Assembly.....
375774	1	Fuel Tank (Only).....
375777*	1	Fuel Tank Assembly Complete.....
375778	1	Indicator Assembly.....
375779	1	Cylinder Head and Core Plug Assembly.....
375781	2	Piston and Dowel Pin - (Less Rings).....
375782	1	Driveshaft Casing and Sleeve Assembly.....
375783	1	Shifter Clutch Dog Assembly.....
375786	1	Cylinder, Crankcase and Dowel Pin Assembly.....
375787	1	Shifter Lever and Pin Assembly.....
375788	1	Body Assembly - Fuel Connector.....
375790	1	Propeller and Bushing Assembly.....
375792	1	Float and Float Arm Assembly.....
375793	1	Shroud and Transfer Assembly - Port.....
375794	1	Shroud and Transfer Assembly - Star.....
375795	1	Stern Bracket and Clampscrew Assembly - Port.....
375796	1	Stern Bracket and Clampscrew Assembly - Star.....
375797	1	Swivel Bracket and Screw Assembly.....
375798	1	Float Valve and Seat Assembly.....
375800	1	Steering Bracket and Bushing Assembly.....
375802	1	Choke Shaft and Arm Assembly.....
375803	1	Control Cable Assembly - Short.....
375804	1	Control Cable Assembly - Long.....
375808	1	Impeller Assembly.....
375810	1	Lever Assembly - Tilting.....
375811	1	Exhaust Tube and Screw Assembly (Order 376102).....
375815*	1	Carburetor Assembly Complete.....
375817	1	Filler Cap Assembly.....
375818	1	Gear and Shaft Assembly - Throttle Control - Long.....
375819	1	Gear and Shaft Assembly - Throttle Control - Short.....
375829	1	Roller Bearing - Driveshaft.....
375836	1	Starter Spring Assembly.....
375846	1	Foot Valve Assembly.....
375857	1	Impeller Housing and Plub Assembly.....
375861	1	Gears and Pinion Bearing Assembly.....

*These parts are not shown in illustration.

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NUMERICAL LIST

<u>Part No.</u>	<u>No. Required Per Motor</u>	<u>NAME OF PART</u>
375862	1	Oil Line Assembly.....
375863	1	Water Tube Assembly.....
375865*	1	Starter Assembly Complete.....
375869	1	Intake Manifold and Stud Assembly.....
375932	1	Carburetor Body and Bushing Assembly.....
375938	1	Throttle Shaft and Arm Assembly.....
375961	1	Clamp and Screw Assembly - Shift Rod.....
376102	1	Exhaust Tube and Shift Rods Assembly.....
376220	1	Shift Lever, Shaft and Clip Assembly.....
376344	1	Gearcase and Bearing Assembly.....
376388	1	Spring and Tubing Assembly.....
510169	1	Cam - Magneto.....
510173	2	Condenser.....
510185	2	Eccentric Screw.....
510188	1	Oiler Clip.....
510189	1	Oiler Wick.....
510190	1	Clamp - H.T. Lead.....
510191	2	Screw - Armature Plate Mounting.....
510192	2	Screw - Armature Plate Mounting.....
510193	3	Screw - Condenser and H.T. Lead Mounting.....
510194	2	Screw - Breaker Terminal.....
510195	4	Screw - Lamination Mounting.....
510203	1	Lead - Upper - High Tension.....
510204	2	Clip - Breaker Spring.....
510208	2	Bow Washer - Breaker Mounting and Locking Lever to Housing.....
510210	1	Lead - Lower - High Tension.....
510231	2	Spring Terminal - Spark Plug Lead.....
510232	2	Rubber Cover - Spark Plug.....
510278	2	Screw - Breaker Mounting.....
551517	2	Screw - Adjusting Knob - Slow and High Speed.....
580109	1	Flywheel Assembly.....
580118	2	Coil and Lamination Assembly.....
580121	1	Armature Plate and Post Assembly.....
580122	2	Breaker Base Assembly.....
580123	2	Breaker Arm Assembly.....
580135	1	H.T. Lead Assembly - Upper.....
580143	1	Lead Assembly - Cutout Switch to Armature Plate.....
580145*	1	Armature Plate Assembly.....
580146	1	H.T. Lead Assembly - Lower.....
580148*	1	Breaker Assembly.....

*These parts are not shown in illustration.

Order All Parts from Nearest Service Station or Dealer

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 delivery of such motor to original purchaser, 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 purpose.

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.**

