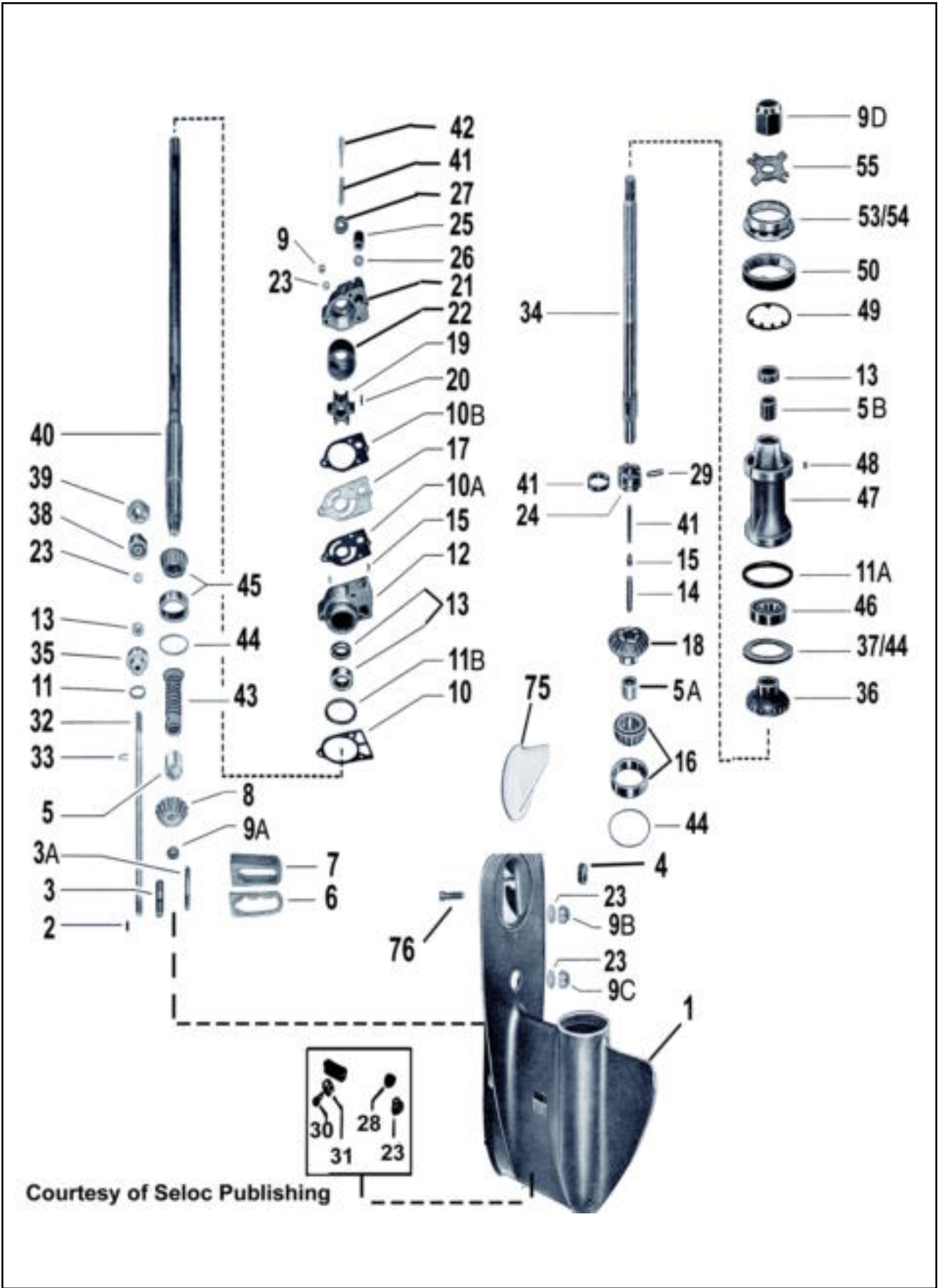


MERCURY/MARINER
Gearcase Assembly



OUTBOARD





MERCURY/MARINER Gearcase Assembly

Figure #	Description	Sierra#	AP#	O.E.M. #	Qty.	Figure #	Description	Sierra#	AP#	O.E.M. #	Qty.
1.	Gear Housing	—	—	1643-9539A1	1	23A.	Washer	18-4275	—	12-29245	3
2.	Dowel Pin	—	—	17-85500	2	23B.	Washer	—	—	12-45175	1
3.	Stud	—	—	16-33778	3	23C.	Washer	—	—	12-65791	1
3A.	Stud	—	—	16-57933	2	24.	Clutch	—	—	52-92911	1
4.	Shift Cam	—	—	76039	1	25.	Seal	— ① ②	284	26-38452	1
5.	Roller Bearing	—	—	31-62091	1	26.	Nylon Washer	— ① ②	—	12-38453	1
5A.	Roller Bearing	—	—	31-21739	1	27.	Slinger	— ① ②	283	25-20273	1
5B.	Roller Bearing	—	—	31-21700	1	28.	Drain Plug	18-2244	2686	10-79953	2
6.	Support Plate	—	—	92815	1	29.	Cross Pin	—	—	17-38113	1
7.	Exhaust Tube Seal	18-0539 ②	454	37721	1	30.	Flush Plug	—	—	19-48750	1
8.	Pinion Gear	—	—	43-98097	1	31.	Flush Plug Washer	18-2948 ①	1587	12-492211	1
9.	Nut	—	—	11-13438	3	32.	Shift Shaft	—	—	76163A1	1
9A.	Pinion Nut	—	—	11-55910	1	33.	E-Clip	18-4295	13276	53-29641	1
9B.	Nut	—	—	11-34863	1	34.	Prop Shaft	—	—	44-75365	1
9C.	Nut	18-2362	118	11-34933	1	35.	Shift Shaft Bushing	18-2155 ①	516	23-77631A2	1
9D.	Nut	18-3702 ③	124	11-69578A	1	36.	Reverse Gear	—	—	43-79158	1
10.	Gasket	18-2841 ① ②	315	27-19552	1	37.	Thrust Washer	—	—	12-32004	1
10A.	Gasket	18-2823 ① ②	304	27-19553	1	38.	Reverse Lock Base	—	—	78036	1
10B.	Gasket	18-2824 ① ②	306	27-19551	1	39.	Reverse Lock Cam	—	—	433081	1
11.	O-Ring	18-7153 ①	203	25-25439	1	40.	Drive Shaft	—	—	45-981801	1
11A.	O-Ring	18-7160 ①	206	2531986	1	41.	Spring	—	—	24-38114	1
11B.	O-Ring	18-7115 ① ②	204	25-26722	1	41A.	Spring	—	—	24-39845	1
12.	Water Pump Base	18-3424 ②	1114	46-77177A1	1	42.	Pin	—	—	17-30545	1
13.	Seal	18-2011 ① ②	236	26-90562	1	43.	Sleeve	—	—	88181	1
13A.	Seal	18-2055 ① ②	280	26-79831	1	44.	Shim Set	—	—	15-92881A1	AR
13B.	Seal	18-2054 ①	196	26-816461	1	44A.	Shim Set	—	—	15-38374A1	AR
13C.	Seals (2)	18-2051/ 18-2052 ①	281/ 282	26-69188/ 26-69189	1	44B.	Shim Set	—	—	15-20927A1	AR
14.	Cam Follower	—	—	38441	1	45.	Tapered Bearing	—	—	31-77420A1	1
15.	Slide	—	—	20843	1	46.	Ball Bearing	—	—	30-20839	1
16.	Tapered Roller Bearing	18-1162	1902	31-38356A1	1	47.	Bearing Carrier	—	—	69386A1	1
17.	Face Plate	18-3107 ②	033	54705	1	48.	Key	—	—	28-30281	1
18.	Forward Gear	—	—	43-55608A4	1	49.	Tab Washer	—	—	14-53012	1
19.	Impeller	18-3007 ②	002	47-89983	1	50.	Cover Nut	—	—	11-87763	1
20.	Key	—	—	28-56662	1	51.	Trim Tab	18-6011	4000	31640A1	1
21.	Water Pump Body	18-3118 ②	1109	46-77822A1	1	52.	Screw	—	—	10-66024	1
22.	Insert	18-3115 ②	1025	48753	1	53.	Thrust Hub	18-4233	1385	73345A1	1
23.	Washer	18-2316 ①	131	12-77674	1	54.	Thrust Hub	18-3204	045	14-76281	1
						55.	Washer	18-2945 ① ②	2108	12-19183	2

① Indicates contents of seal kit 18-2654/AP# 286

② Indicates contents of water pump kit (Refer to application chart for correct kit)

③ Prop Nut Kit (includes tab washer)

AR As required

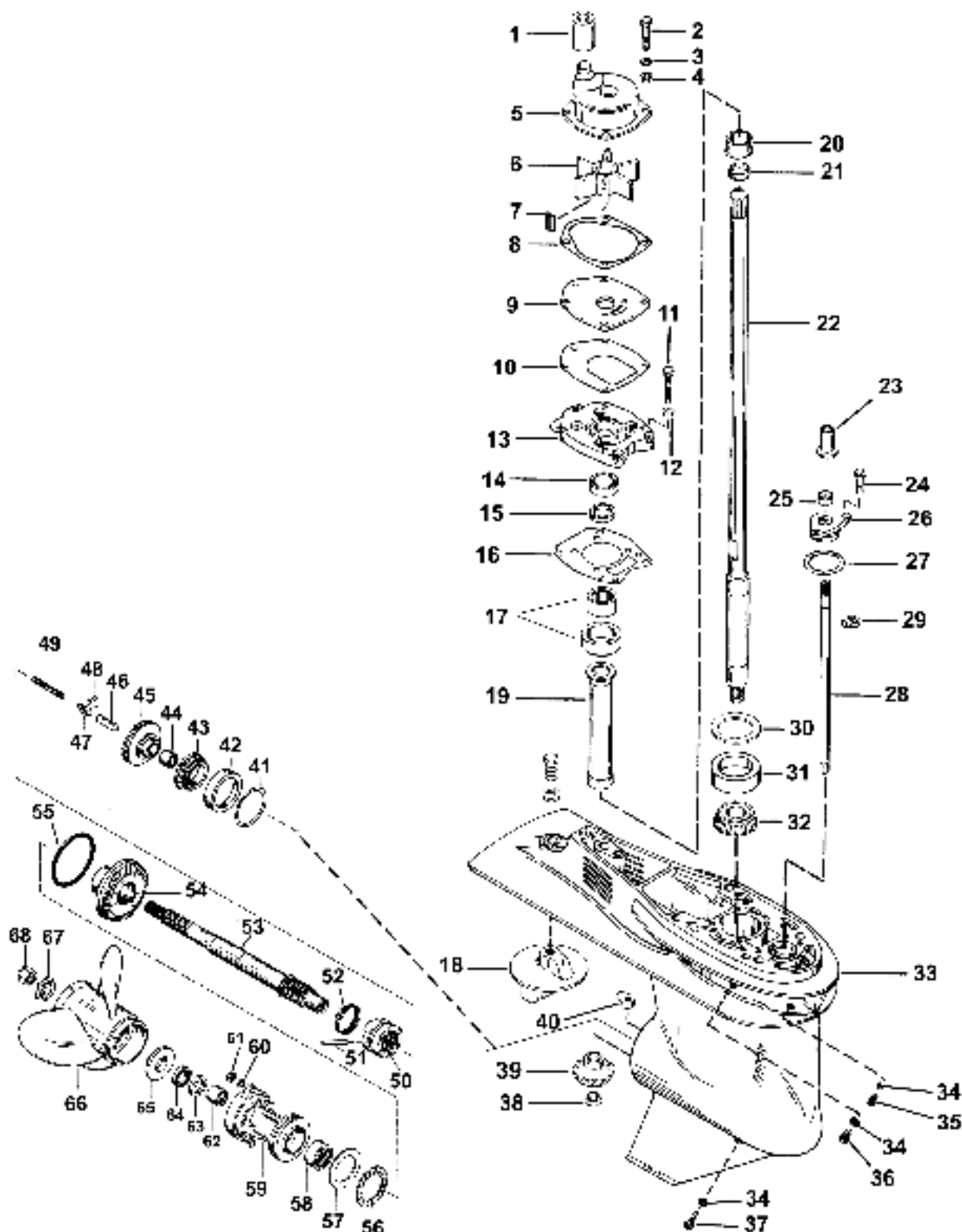
OUTBOARD

MERCURY/MARINER

Gearcase Assembly



OUTBOARD



Courtesy of Seloc Publishing



MERCURY/MARINER Gearcase Assembly

Figure #	Description	Sierra #	AP#	O.E.M. #	Qty.	Figure #	Description	Sierra #	AP#	O.E.M. #	Qty.
1.	Water Tube Seal	18-8306 ①	2397	430232	1	35.	Plug	—	—	10-28653	1
2.	Screw	—	—	10-8248327	4	36.	Plug	18-2244	2686	10-79953	1
3.	Washer	18-4269 ①	—	12-29245	4	37.	Plug	18-2375	2683	22-67892A1	1
4.	Insulator	18-0568	—	23-43045	4	38.	Pinion Nut	18-3719	2678	11-35921	1
5.	Water Pump Housing	18-3572	—	817275A2	1	39.	Pinion Gear	—	—	43-44484	1
6.	Impeller	18-3056 ②	1814	47-430262	1	40.	Shim Cam	—	—	76039	1
7.	Impeller Key	18-3293	2677	28-43037	1	41.	Shim Assembly	—	—	15-44491A1	AR
8.	Gasket	18-2566 ① ②	2401	27-817277	1	42&					
9.	Face Plate	18-3122 ②	2187	817276	1	43.	Bearing & Race	18-1156	1906	31-30894A1	1
10.	Gasket	18-2564 ① ②	1483	27-430331	1	44.	Roller Bearing	18-1157	2125	31-30895	1
11.	Screw	—	—	10-8248326	6	45.	Forward Gear	—	—	43-12634A2	1
12.	Washer	18-4269	—	12-29245	6	46&					
13.	Pump Base	—	—	43055A4	1	47.	Cam Follower Assembly	—	—	12239A1	1
14.	Seal	18-0583 ①	1441	26-43035	1	48.	Ball Bearing	—	—	30-44530	3
15.	Seal	18-0522 ①	1442	26-43036	1	49.	Spring	—	—	24-30622	1
16.	Gasket	18-2565 ① ②	1485	27-430472	1	50.	Clutch	18-2236	2631	52-822539	1
17.	Carrier w/Bearing	—	—	43040A1	1	51.	Cross Pin	18-2357	2682	17-30632	1
18.	Trim Tab	18-6011	4000	31640A1	1	52.	Spring	18-2348	—	24-30893	1
19.	Sleeve	—	—	43046	1	53.	Prop Shaft	—	—	44-12238T	1
20.	Wear Sleeve Assembly	—	—	42461A1	1	54.	Reverse Gear	—	—	43-12635	1
21.	Screw	—	—	10-825427	1	55.	O-Ring	18-7961 ①	1438	25-97386	1
22.	Drive Shaft	—	—	45-43031A1	1	56.	Thrust Bearing	18-1112	13022	31-12576	1
23.	Shift Shaft Coupler	—	—	43585	1	57.	Thrust Washer	—	—	12-12577	1
24.	Screw	—	—	10-824832-6	2	58.	Roller Bearing	18-1113	—	31-12578	1
25.	Seal	18-2054 ①	196	26-8164641	1	59.	Bearing Carrier	—	—	12596A2	1
26.	Bushing Assembly	—	—	23-43052A4	1	60.	Washer	—	—	12-70132	2
27.	O-Ring	18-7198 ①	220	25-45710	1	61.	Nut	—	—	11-401198	2
28.	Shift Shaft Coupler	—	—	43048A1	1	62.	Roller Bearing	18-1158	2126	31-30956	1
29.	E-Ring	18-4295	13276	53-29641	1	63.	Seal	18-2002 ①	238	26-76868	1
30.	Shim Assembly	—	—	15-44492A1	AR	64.	Seal	18-2053 ①	145	26-70081	1
31&						65.	Thrust Washer	18-4221	1193	13191A1	1
32.	Bearing & Race	18-1118	—	31-42677A1	1	66.	Prop	—	—	Various	AR
33.	Gear Housing	—	—	1667-9011A73	1	67.	Tab Washer	18-3200	2708	14-31210	1
34.	Gasket	18-2945 ①	2108	12-19183	1	68.	Prop Nut	18-3700	122	11-52707	1

① Indicates contents of seal kit 18-2626/AP#075

② Indicates contents of water pump kit 18-3214/AP# 1811

AR As required

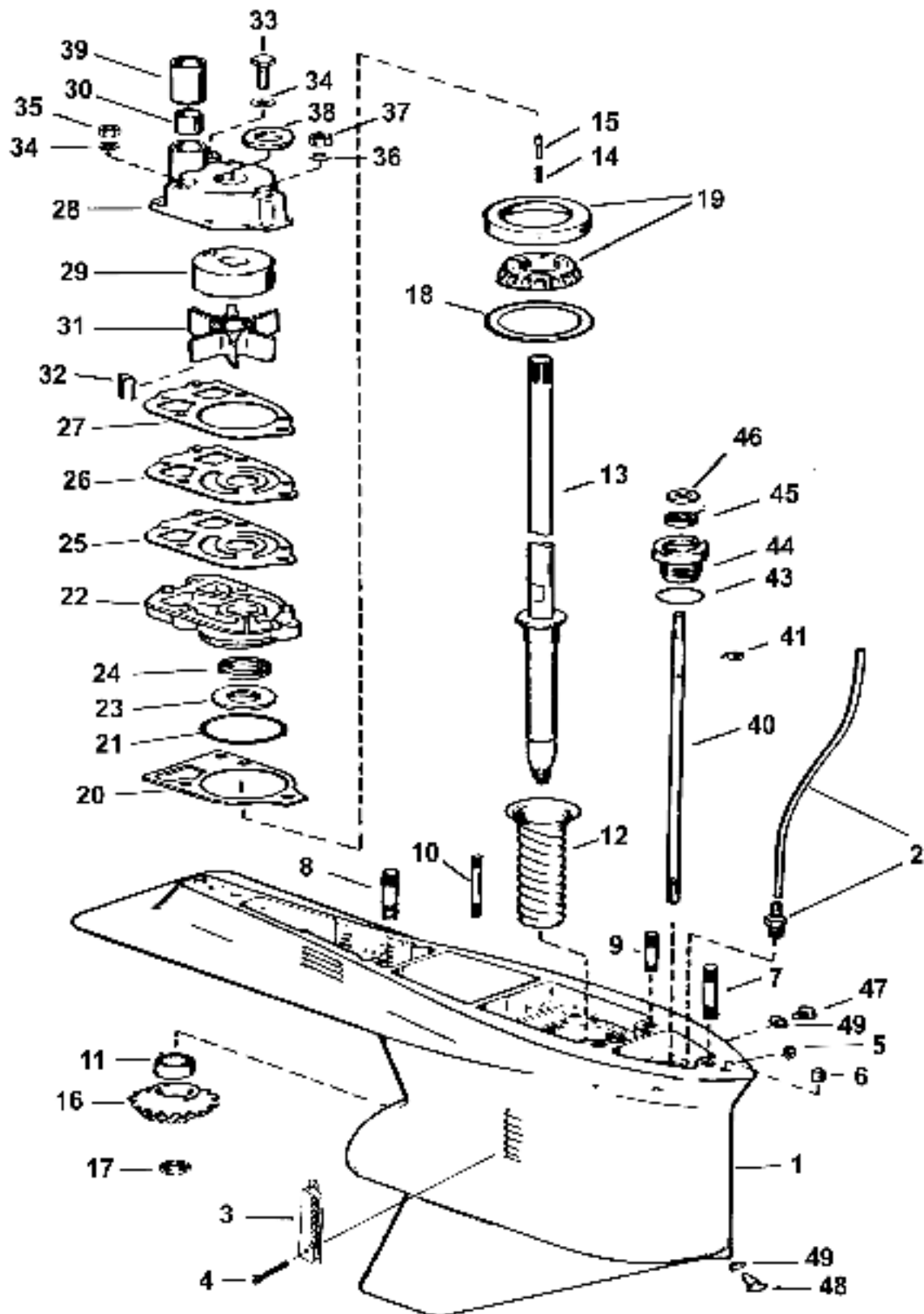
OUTBOARD

MERCURY/MARINER

Gearcase Assembly



OUTBOARD



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MERCURY/MARINER

Gearcase Assembly

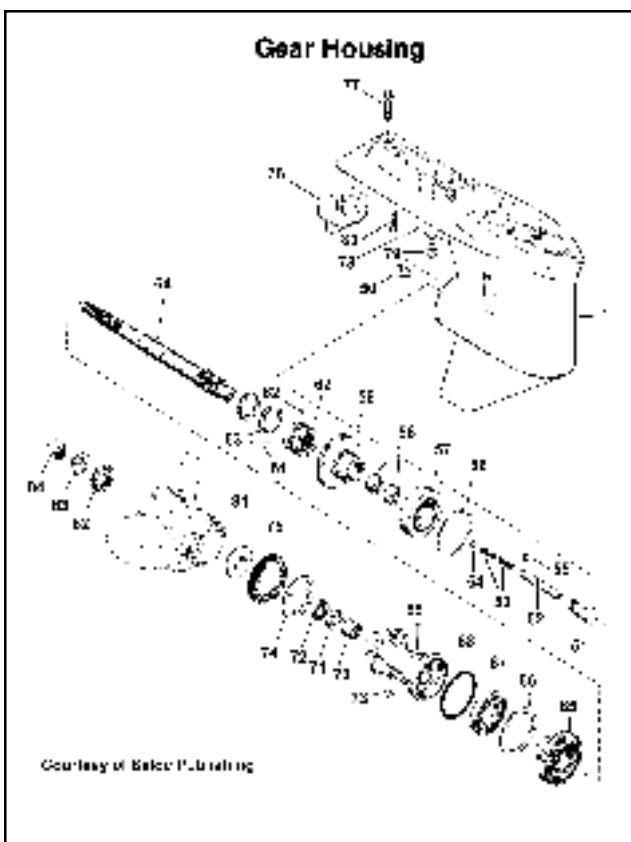


Figure #	Description	Sierra #	AP#	O.E.M. #	Qty.
1.	Gear Housing	—	—	1647-9148S65	1
2.	Speedometer Tube	—	—	22-85822A10	1
3.	Water Insert (Star)	—	—	66885	1
3A.	Water Insert (Port)	—	—	66884	1
4.	Screw	18-3197	2679	10-76156	1
5.	Nut	18-2344	13083	11-45812	1
6.	Dowel Pin	—	—	17-43044	2
7.	Stud	—	—	16-78638	1
8.	Stud	—	—	16-579201	2
9.	Stud	—	—	16-56297	1
10.	Stud	—	—	16-30667	2
11.	Roller Bearing	—	—	31-35934A1	1
12.	Sleeve	—	—	23-98621	1
13.	Drive Shaft Assembly	18-2181	2422	45-98682A1	1
14.	Spring	—	①	24-34576	1
15.	Pin	—	①	17-30545	1
16.	Pinion Gear	—	—	43-780811	1
17.	Pinion Nut	18-3719	2678	11-35921	1
18.	Shim Assembly	18-2295	2473	15-57007A1	AR
19.	Roller Bearing	18-1164	1904	31-53079A1	1
20.	Gasket	18-2826 ② ③	92	27-856101	1
21.	O-Ring	18-7162 ② ③	207	25-33145	1
22.	Water Pump Base	18-3410 ④	051	46-96146A6	1
23.	Seal	18-2014 ② ④	171	26-89238	1
24.	Seal	18-2013 ② ④	174	26-16977	1
25.	Gasket	18-2914 ② ③	671	27-856081	1
26.	Face Plate	18-3117 ③	030	32435	1
27.	Gasket	18-2915 ② ③	672	27-856091	1

① Included with drive shaft 18-2181/AP# 2422

② Indicates contents of seal kit 18-2653/AP# 146

③ Indicates contents of water pump kit 18-3217/AP# 090

Figure #	Description	Sierra #	AP#	O.E.M. #	Qty.
28.	Water Pump Body	18-3116 ③	043	43-96148A1	1
29.	Insert	18-3114 ③	042	48752	1
30.	Seal	18-3110 ② ③	187	26-38970	1
31.	Impeller	18-3017 ③	001	47-899842	1
32.	Key	—	—	28-56654	1
33.	Screw	—	—	10-96411	1
34.	Washer	18-4275	—	12-29245	3
35.	Nut	18-3722	5165	11-20361	2
36.	Washer	18-4270	—	12-36001	1
37.	Nut	18-3722	120	11-45592	1
38.	Slinger	18-7426 ② ③	226	25-30271	1
39.	Guide Sleeve	18-3109 ③	601	23-29804	1
40.	Shift Shaft	—	—	789022	1
41.	E-Clip	18-4295	13276	53-29641	1
42.	Retaining Ring	—	—	53-78907	1
43.	O-Ring	18-7153	203	25-25439	1
44.	Shift Shaft Bushing	18-2155	516	23-77631A2	1
45.	Seal	18-2054 ②	196	26-816461	1
46.	Rubber Washer	18-2316 ②	131	12-77674	1
47.	Vent Screw	18-2398 ②	2686	10-79953	1
48.	Drain Screw	18-2375	2683	22-67892A1	1
49.	Washer	18-2945 ② ③	2108	12-19183	2
50.	Shift Cam	—	—	78956	1
51.	Cam Follower	—	—	89594A1	1
52.	Actuator Rod	—	—	799111	1
53.	Spring	—	—	24-749910	2
54.	Washer	—	—	12-78910	1
55.	Locating Pin	—	—	17-78906	1
56.	Shim Assembly	18-2285	2472	15-47397A1	AR
57.	Bearing	18-1166	2131	31-78172A1	1
58.	Forward Gear	—	—	43-78082A3	1
59.	Roller Bearing	18-1122	13028	31-73363	2
60.	Clutch	—	—	52-823174	1
61.	Cross Pin	—	—	17-78905	1
62.	Detent Pin	—	—	17-78909	2
63.	Retaining Spring	—	—	24-78962	2
64.	Prop Shaft	18-2239	2423	44-94148	1
65.	Reverse Gear	—	—	43-85462	1
66.	Thrust Ring	—	—	681001	1
67.	Ball Bearing	18-1155	1900	30-88857	1
68.	O-Ring	18-7159 ②	217	25-31534	1
69.	Bearing Carrier	—	—	43567A1	1
70.	Roller Bearing	18-1158	2126	31-30956	1
71.	Seal (Inner)	18-2002 ②	238	26-76868	1
72.	Seal (Outer)	18-2053 ②	145	26-70081	1
73.	Key	—	—	28-30281	1
74.	Tab Washer	18-2299	2179	14-79447	1
75.	Cover Nut	18-3751	1117	79448	1
76.	Trim Tab	18-6011	4000	31640A1	1
77.	Screw	—	—	10-66024	1
78.	Washer	—	—	12-45176	2
79.	Nut	18-3721	5164	11-34933	2
80.	Screw	—	—	10-65210	1
81.	Thrust Hub	18-4220	1192	13171	1
82.	Spline Washer	18-3714	2668	12-31211A2	1
83.	Tab Washer	18-3200	2708	14-31210	1
84.	Prop Nut	18-3700	—	11-52707	1
Not Pictured	Prop Nut Kit	18-3701	122	11-52707A	1

④ Indicates contents of water pump base 18-3421/AP# 049
AR As required

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