



# YAMAHA

## Gearcase 85 & 90 HP

Figure #	Description	Sierra#	AP#	O.E.M.#	Qty.	Figure #	Description	Sierra#	AP#	O.E.M.#	Qty.
1.	Gearcase	—	—	6H1-45301-04-EK	1	16.	Gear, Pinion	—	—	688-45551-01-00	1
2.	Drive Shaft	—	—	6H1-45501-11-00	1	17.	Nut, Pinion	—	—	90170-16M01-00	1
3.	Key, Impeller	18-3301 ①	2027	90280-04M04-00	1	18.	Trim Tab	18-6070	4052	988-45371-02-00	1
4.	Bearing, Upper Drive Shaft	—	—	93332-000U3-00	1	19.	Washer, Thrust	—	—	688-45576-00-00	1
5.	Shim Drive Shaft (0.10mm)	—	—	688-45587-01-10	AR	20.	Plug, Drain	—	—	688-45341-00-00	1
5.	Shim Drive Shaft (0.12mm)	—	—	688-45587-01-12	AR	21.	Gasket, Vent & Drain Plugs	—	—	90430-08020-00	3
5.	Shim Drive Shaft (0.15mm)	—	—	688-45587-01-15	AR	22.	Gear, Reverse	—	—	6H1-45571-00-00	1
5.	Shim Drive Shaft (0.18mm)	—	—	688-45587-01-18	AR	23.	Bearing, Reverse Gear	—	—	93306-207U0-00	1
5.	Shim Drive Shaft (0.30mm)	—	—	688-45587-01-30	AR	24.	O-Ring, Bearing Housing	18-0288 ②	—	93210-85M97-00	1
5.	Shim Drive Shaft (0.40mm)	—	—	688-45587-01-40	AR	25.	Housing, Bearing	—	—	688-45331-00-94	1
5.	Shim Drive Shaft (0.50mm)	—	—	688-45587-01-50	AR	26.	Bearing, Needle	—	—	93317-325U0-00	1
6.	Sleeve, Drive shaft	—	—	688-45536-01-00	1	27.	Oil Seal	18-0587 ②	2037	93101-25M03-00	2
7.	Bearing, Pinion	—	—	93315-325V1-00	1	28.	Washer, Tab	—	—	688-45383-02-00	1
8.	Shim Forward Gear (0.10mm)	—	—	688-45567-01-10	AR	29.	Nut, Cover	—	—	688-45384-00-00	1
8.	Shim Forward Gear (0.12mm)	—	—	688-45567-01-12	AR	30.	Spacer, Forward	—	—	688-45987-01-00	1
8.	Shim Forward Gear (0.15mm)	—	—	688-45567-01-15	AR	31.	Spacer	18-4274	1831	688-45997-01-00	1
8.	Shim Forward Gear (0.18mm)	—	—	688-45567-01-18	AR	32.	Washer, Propeller	—	—	90201-17M00-00	1
8.	Shim Forward Gear (0.30mm)	—	—	688-45567-01-30	AR	33.	Nut, Castle	—	—	90171-16011-00	1
8.	Shim Forward Gear (0.40mm)	—	—	688-45567-01-40	AR	34.	Pin, Cotter	18-3735	1832	91490-40030-00	1
8.	Shim Forward Gear (0.50mm)	—	—	688-45567-01-50	AR	35.	Washer	—	—	90202-12060-00	1
9.	Shaft, Propeller	—	—	6H1-45611-01-00	1	36.	Gasket	—	—	90430-12072-00	1
10.	Clutch, Dog	—	—	6H1-45631-01-00	1	37.	Damper, Water Seal	—	—	663-44367-00-00	1
11.	Spring, Cross Pin	—	—	688-45633-00-00	1	38.	Grommet	—	—	90480-19M06-00	1
12.	Pin, Cross	—	—	90250-07M02-00	1	39.	Damper, Water Seal	18-0280	—	663-44366-00-00	2
13.	Gear, Forward	—	—	688-45560-00-00	1	40.	Bolt, Water Pump	18-0259 ①	5204	97395-08070-00	2
14.	Bearing, Forward Gear	—	—	93332-000W7-00	1	41.	Bolt, Water Pump	18-0257 ①	5206	97395-08050-00	2
15.	Shim Reverse Gear (0.10mm)	—	—	688-45577-01-10	AR	42.	Washer, Water Pump	—	—	90209-08M02-00	4
15.	Shim Reverse Gear (0.12mm)	—	—	688-45577-01-12	AR	43.	Housing, Water Pump	18-3171	2339	688-44311-01-00	1
15.	Shim Reverse Gear (0.15mm)	—	—	688-45577-01-15	AR	44.	Insert, Water Pump	18-3335 ①	2002	688-44322-00-00	1
15.	Shim Reverse Gear (0.18mm)	—	—	688-45577-01-18	AR	45.	Impeller	18-3070 ①	2006	688-44352-03-00	1
15.	Shim Reverse Gear (0.30mm)	—	—	688-45577-01-30	AR	46.	Gasket, Wear Plate to Housing	18-0239 ① ②	2020	688-44315-A0-00	1
15.	Shim Reverse Gear (0.40mm)	—	—	688-45577-01-40	AR	47.	Wear Plate	18-3341 ①	2001	688-44323-00-00	1
15.	Shim Reverse Gear (0.50mm)	—	—	688-45577-01-50	AR	48.	Gasket, Wear Plate to Base	18-0243 ① ②	2021	688-44324-A0-00	1
						49.	Base, Water Pump	—	—	688-44341-01-94	1
						50.	Gasket, Base	18-0240 ① ②	2022	688-44316-A0-00	1
						51.	O-Ring, Base	18-7436 ① ②	2024	9321-46044-00	1
						52.	Oil Seal, Pump Base	18-0587 ②	2037	93101-25M03-00	2
						53.	Oil Seal, Shift Shaft	18-0267 ②	2036	93106-09014-00	1
						54.	O-Ring	—	—	93210-49046-00	1
						55.	O-Ring	—	—	93210-07540-00	1
						56.	Water Pump Repair Kit	18-3370	2080	692-W0078-00-00	1
						57.	Gear Housing Seal Kit	18-2798	2149	688-W0001-20-00	1

① Contents of Gear Housing Seal Kit **18-2798/AP# 2149**

AR As required

② Contents of Water Pump Repair Kit **18-3370/AP# 2080**

OUTBOARD