



YAMAHA

Gearcase 25 HP (1986-87)

C25 HP (1990-91) C30 HP (1989-91)

Figure #	Description	Sierra#	AP#	O.E.M.#	Qty.	Figure #	Description	Sierra#	AP#	O.E.M.#	Qty.
1.	Housing, Gearcase	—	—	689-45311-04-EK3	1	35.	Slide, Shift	—	—	648-45634-00-00	1
2.	Plug, Drain & Vent	—	—	90340-08M04-00	3	36.	Clutch, Dog	—	—	664-45631-01-00	1
3.	Gasket, Plug	—	—	90430-08020-00	3	37.	Pin, Clutch Dog	—	—	90250-05010-00	1
4.	Bracket, Shift Shaft	—	—	689-44176-01-00	1	38.	Ring, Cross Pin	—	—	648-45633-00-00	1
5.	Screw, Bracket	—	—	97780-50610-00	1	39.	Plunger, Shift	—	—	648-45635-00-00	1
6.	Shift Cam Assembly (short shaft)	—	—	664-44150-01-00	1	40.	Thrust, Washer, Prop Shaft	—	—	90201-20417-00	1
6.	Shift Cam Assembly (long shaft)	—	—	664-44150-11-00	1	41.	Shaft, Propeller	—	—	689-45611-00-00	1
7.	Boot, Shift Rod	—	—	664-44147-00-00	1	42.	Gear, Reverse	—	—	689-45571-00-00	1
8.	Housing, Water Pump	18-3418	13189	689-44311-03-00	1	43.	Bearing Carrier	—	—	689-45331-01-94	1
9.	Bolt, Pump Housing	—	—	90101-06M56-00	3	44.	Bearing, Reverse Gear	—	—	93306-00612-00	1
10.	Washing, Housing (short shaft)	—	—	90209-06M04-00	3	45.	Shim Reverse Gear (0.5mm)	—	—	664-45577-00-05	AR
11.	Extension, Housing (long shaft)	—	—	689-44312-00-5B	1	45.	Shim Reverse Gear (0.8mm)	—	—	664-45577-00-08	AR
12.	Bolt, Extension (long shaft)	—	—	97080-06035-00	3	45.	Shim Reverse Gear (0.12mm)	—	—	664-45577-01-12	AR
13.	Washer, Bolt (long shaft)	—	—	92990-06600-00	3	45.	Shim Reverse Gear (0.30mm)	—	—	664-45577-01-30	AR
14.	Insert Cup	18-3439	—	689-W4432-02-00.	1	45.	Shim Reverse Gear (0.50mm)	—	—	664-45577-01-50	AR
15.	Impeller Plate	18-3438	—	689-44323-03-00	1	46.	Washer, Thrust	—	—	664-45576-00-00	1
16.	Gasket, Impeller Plate	18-0774	① 2317	689-44324-A0-00	1	47.	O-Ring, Bearing Carrier	18-7399	① 2326	93210-30MA3-00	1
17.	Impeller	18-3067	2008	689-44352-02-00	1	48.	Bearing, Prop Shaft	—	—	93315-22004-00	1
18.	Base, Water Pump	—	—	689-44325-02-5B	1	49.	Seal, Prop Shaft	18-0554	① 2320	93101-20M07-00	2
19.	O-Ring, Pump Base	18-7405	① 2325	93210-40M10-00	1	50.	Tab Washer	—	—	90214-45M02-00	1
20.	Oil Seal, Pump Base	18-0296	① 2040	93101-22067-00	2	51.	Nut, Cover	—	—	664-45384-00-00	1
21.	Gasket Base	18-0773	① 2316	689-44316-A0-00	1	52.	Key, Bearing Carrier	—	—	90282-04010-00	1
22.	Drive Shaft (short)	—	—	689-45501-00-00	1	53.	Bolt, Gearcase Mounting	—	—	90105-10059-00	2
22.	Drive Shaft (long)	—	—	689-45501-10-00	1	54.	Washer, Gearcase Mounting	—	—	92990-10600-00	4
23.	Key, Impeller	—	—	664-44338-00-00	1	55.	Pin, Dowel	—	—	93606-12019-00	2
24.	Bearing, Pinion	—	—	93315-017U4-00	1	56.	Trim Tab	—	—	664-45371-01-00	1
25.	Sleeve, Drive Shaft	—	—	689-45536-00-00	1	57.	Bolt, Trim Tab	—	—	90105-08M02-00	1
26.	Shim Pinion Gear (0.5mm)	—	—	664-45587-00-05	AR	58.	Cover, Water Inlet (port)	—	—	689-45214-01-00	1
26.	Shim Pinion Gear (0.8mm)	—	—	664-45587-00-08	AR	59.	Cover, Water Inlet (stbd)	—	—	689-45215-01-00	1
26.	Shim Pinion Gear (0.12mm)	—	—	664-45587-01-12	AR	60.	Screw, Inlet Cover	—	—	98780-05525-00	1
26.	Shim Pinion Gear (0.30mm)	—	—	664-45587-01-30	AR	61.	Nut, Nylock	—	—	90185-05904-00	1
26.	Shim Pinion Gear (0.50mm)	—	—	664-45587-01-50	AR	62.	Water Tube (short shaft)	—	—	664-44361-00-00	1
27.	Bearing, Drive Shaft	—	—	93332-000U4-00	1	62.	Water Tube (long shaft)	—	—	689-44361-10-00	1
28.	Bearing, Thrust	—	—	664-45552-09-00	1	63.	Seal, Upper Water Tube	18-0552	① 2318	689-44366-00-00	1
29.	Gear, Pinion	—	—	689-45551-00-00	1	64.	Seal, Lower Water Tube	—	—	626-44365-01-00	1
30.	Nut, Pinion	—	—	90179-09M02-00	1	65.	Spacer	—	—	689-44314-00-00	1
31.	Shim Forward Gear (0.5mm)	—	—	664-45567-00-05	AR	66.	Extension Tube (long shaft)	—	—	689-44362-00-94	1
31.	Shim Forward Gear (0.8mm)	—	—	664-45567-00-08	AR	67.	O-Ring, Extension Tube (long shaft)	—	—	93210-26240-00	2
31.	Shim Forward Gear (0.12mm)	—	—	664-45567-01-12	AR	68.	Plate (long shaft)	—	—	689-44328-03-00	1
31.	Shim Forward Gear (0.30mm)	—	—	664-45567-01-30	AR	69.	Prop Spacer (fore)	—	—	664-45987-01-00	1
31.	Shim Forward Gear (0.50mm)	—	—	664-45567-01-50	AR	70.	Prop Spacer (aft)	—	—	689-45997-00-00	1
32.	Bearing, Forward Gear	—	—	93332-00005-00	1	71.	Washer, Prop Mounting	—	—	92990-14200-00	1
33.	Gear, Forward	—	—	689-45560-00-00	1	72.	Nut, Propeller	—	—	90171-14013-00	1
34.	Spring, Compression	—	—	90501-10065-00	1	73.	Cotter Pin	18-2380	2083	91490-30030-00	1
						74.	Gear Housing Seal Kit	18-2785	2332	689-W0001-22-00	1

① Contents of Gear Housing Seal Kit **18-2785/AP# 2332** AR As required

OUTBOARD