

# 4LHA-DT(Z)E

## Yanmar Marine Engine



### Gaskets/Washers/O-rings

- 1 **719173-92600 Gasket Set**
- 1 119174-01340 Head Gasket (T 1.5)
- 1 977770-01212 Sump Gasket (Liquid)
- 1 977770-01212 Timing Cover Gasket (Liquid)
- 1 119100-11320 Bonnet Gasket
- 1 119100-12113 Inlet Manifold Gasket
- 1 119174-13201 Exhaust Manifold Gasket
- 1 119773-13250 Exhaust Elbow Gasket
- 4 119625-11870 Protector, Nozzle
- 4 129137-11880 Seat, Nozzle
- 1 119000-32020 Oil Pump Gasket
- 1 124411-01780 Crankshaft Seal (Flywheel End)
- 1 977770-01212 Brg Cap Gasket (Flywheel End)
- 1 121850-01800 Crankshaft Seal/Timing Cover



### *4LH Marine Engine*

### Bearings

- 5 719000-02800 Main Bearing Std
- 2 719000-02930 Main Thrust Bearing
- 4 714174-23600 B/E Bearing Std
- 4 N/A Piston Pin Bush
- 1 119000-02410 Camshaft Bush

### 0.25mm

### 0.50mm

- 719000-02870 N/A
- N/A N/A
- 719000-23610 N/A
- N/A N/A
- N/A N/A

### Liner, Pistons, Rings

- 4 119171-01101 Liner Assy
- 4 **119173-22050 Piston & Ring Assy Std**
- 4 719000-22501 Ring Set Std
- 4 119173-22300 Piston Pin
- 8 22252-000370 Circlip
- 4 **719174-23100 Con-Rod Assy**

### 0.25mm

### 0.50mm

- N/A N/A
- N/A N/A
- N/A N/A

### Cylinder Head

- 4 119173-11101 Inlet Valve
- 4 119173-11110 Exhaust Valve
- 4 124617-11130 Valve Springs (Inner)
- 4 124617-11120 Valve Springs (Outer)
- 4 121850-11150 Valve Stem Seals (Exhaust)
- 4 119171-11150 Valve Stem Seals (Inlet)
- 8 27310-090001 Cotter, Valve Spring

### Filters-Belt

- 1 **119195-18880 Air Filter/Pre Cleaner**
- 1 **41650-502320 Fuel Filter**
- 1 **127695-35150 Oil Filter**
- 1 **119175-34850 Dipstick**
- 1 **121850-42280 V-Belt**
- 1 **119175-26500 V-Belt (Power Steering)**

### Fuel Injection/Oil Lines

- 1 **719173-51310 Fuel Injection Pump**
- 4 119593-51100 Plunger With Barrel
- 4 119593-51300 Valve W/Seat, Delivery Valve
- 4 **719173-53200 Fuel Injector**
- 4 119173-53050 Nozzle Assy
- 1 119173-59810 Fuel Line- Fuel Injector No1
- 1 119173-59820 Fuel Line- Fuel Injector No2
- 1 119173-59830 Fuel Line- Fuel Injector No3
- 1 119173-59840 Fuel Line- Fuel Injector No4
- 1 119593-52000 Fuel Lift Pump

### Cooling /Sea Water

- 1 119175-42500 Sea Water Pump Assy
- 1 119175-42550 Impeller
- 1 119175-42510 Water Pump Shaft
- 1 119175-42570 O-ring, Cover
- 1 24101-060064 Shaft Bearings
- 1 129675-42500 Mechanical Seal
- 1 119171-42002 Fresh Water Pump Assy
- 1 119000-42021 Fresh W/Pump Gasket

### Electrical Components

- 1 129470-67320 Engine Stop Solenoid
- 1 121254-77019 Starter Motor
- 1 121575-91250 Ignition Switch (C Type Panel)
- 1 123482-91291 Ignition Key

### Cooling Hoses, Thermostat, Anodes

- 1 121850-49810 Thermostat
- 1 121850-49550 T/stat Gasket (Round)
- 1 Refer P/Book Cooling Hoses
- 1 **119574-18790 Zc Anode (Air Cooler)**
- 2 **119574-44150 Zc Anode (LubOil Cooler)**
- 2 **119574-44150 Zc Anode(FreshW/Cooler)**
- 1 119773-13500 Exhaust Elbow