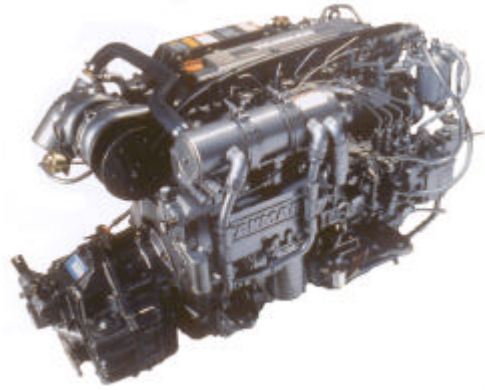


4LH-HTE

Yanmar Marine Engine



4LH Marine Engine

Gaskets/Washers/O-rings

| | | |
|---|--------------|--------------------------------|
| 1 | N/A | Gasket Set |
| 1 | Refer P/Book | Head Gasket |
| 1 | 977770-01212 | Sump Gasket (Liquid) |
| 1 | 977770-01212 | Timing Cover Gasket (Liquid) |
| 1 | 119100-11320 | Bonnet Gasket |
| 1 | 119100-12112 | Inlet Manifold Gasket |
| 1 | 119101-13200 | Exhaust Manifold Gasket |
| 1 | 119171-13510 | 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 |

Bearings

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

0.25mm

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

0.50mm

Liner, Pistons, Rings

| | | |
|---|---------------------|-----------------------------------|
| 4 | 119171-01101 | Liner Assy |
| 4 | 119171-22001 | Piston & Ring Assy Std |
| 4 | 719000-22501 | Ring Set Std |
| 4 | 119000-22300 | Piston Pin |
| 8 | 22252-000340 | Circlip |
| 4 | 719000-23100 | Con-Rod Assy |

0.25mm

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

0.50mm

Cylinder Head

| | | |
|---|--------------|----------------------------|
| 4 | 121850-11100 | Inlet Valve |
| 4 | 119171-11110 | Exhaust Valve |
| 8 | 124617-11120 | Valve Springs |
| 4 | 121850-11150 | Valve Stem Seals (Exhaust) |
| 4 | 119171-11150 | Valve Stem Seals (Inlet) |
| 8 | 27310-090001 | Cotter, Valve Spring |

Filters-Belt

| | | |
|---|---------------------|-------------------------------|
| 1 | XN199611 | Air Filter/Pre Cleaner |
| 1 | 121857-55710 | Fuel Filter |
| 1 | 119005-35100 | Oil Filter |
| 1 | 129470-34850 | Dipstick |
| 1 | 121850-42280 | V-Belt |

Fuel Injection/Oil Lines

| | | |
|---|---------------------|---|
| 1 | 119172-51901 | Fuel Injection Pump (Rotary Style) |
| 4 | N/A | Plunger With Barrel |
| 4 | N/A | Valve W/Seat, Delivery Valve |
| 4 | 719172-53100 | Fuel Injector |
| 4 | 119172-53000 | Nozzle Assy |
| 1 | 129100-59560 | Fuel Line- Inj Return Line |
| 1 | 119171-59810 | Fuel Line- Fuel Injector No1 |
| 1 | 119171-59820 | Fuel Line- Fuel Injector No2 |
| 1 | 119171-59830 | Fuel Line- Fuel Injector No3 |
| 1 | 119171-59840 | Fuel Line- Fuel Injector No4 |
| 1 | N/A | Fuel Lift Pump |

Cooling /Sea Water

| | | |
|---|--------------|-----------------------|
| 1 | 119171-42500 | Sea Water Pump Assy |
| 1 | 127610-42200 | Impeller |
| 1 | 119171-42520 | Water Pump Shaft |
| 1 | 24321-000700 | O-ring, Cover |
| 1 | 24104-062044 | Shaft Bearings |
| 1 | 123472-42060 | Mechanical Seal |
| 1 | 119171-42002 | Fresh Water Pump Assy |
| 1 | 119000-42021 | F/Wate rPumpGasket |

Electrical Components

| | | |
|---|--------------|--------------------------------|
| 1 | N/A | 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 | 128400-49540 | Thermostat Gasket |
| 1 | Refer P/Book | Cooling Hoses |
| 1 | 119171-13490 | Exhaust Elbow |