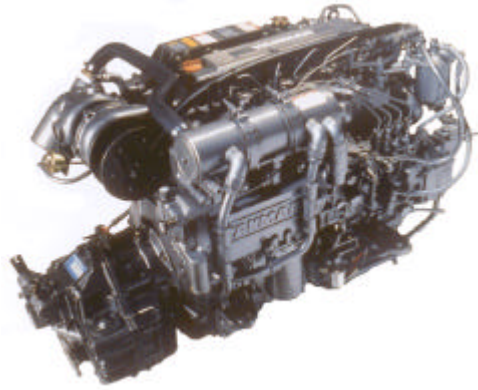


# 4LH-DTE

## Yanmar Marine Engine



4LH Marine Engine

### Gaskets/Washers/O-rings

1	<b>N/A</b>	<b>Gasket Set</b>
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	119173-18811	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	719174-23600	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
<b>4</b>	<b>119173-22001</b>	<b>Piston &amp; Ring Assy Std</b>
4	719000-22501	Ring Set Std
4	119173-22300	Piston Pin
8	22252-000370	Circlip
<b>4</b>	<b>719000-23100</b>	<b>Con-Rod Assy</b>

### 0.25mm

N/A	N/A
N/A	N/A
N/A	N/A

### 0.50mm

### Cylinder Head

4	119173-11101	Inlet Valve
4	119173-11110	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	<b>XN199611</b>	<b>Air Filter/Pre Cleaner</b>
1	<b>41650-502320</b>	<b>Fuel Filter</b>
1	<b>127695-35150</b>	<b>Oil Filter</b>
1	<b>129470-34850</b>	<b>Dipstick</b>
1	<b>121850-42280</b>	<b>V-Belt</b>

### Fuel Injection/Oil Lines

1	<b>719173-51300</b>	<b>Fuel Injection Pump</b>
4	119100-51101	Plunger With Barrel
4	129400-51300	Valve W/Seat, Delivery Valve
<b>4</b>	<b>719173-53100</b>	<b>Fuel Injector</b>
4	119173-53001	Nozzle Assy
1	129495-59561	Fuel Line- Inj Return Line
1	119100-59810	Fuel Line- Fuel Injector No1
1	119100-59820	Fuel Line- Fuel Injector No2
1	119100-59830	Fuel Line- Fuel Injector No3
1	119100-59840	Fuel Line- Fuel Injector No4
1	119000-52000	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	119171-42001	Fresh Water Pump Assy
1	119000-42021	Fresh Water Pump Gasket

### 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	119173-13501	Exhaust Elbow