

# **L90AE-DE**

## **Yanmar Industrial Engine**



### Gaskets/Washers/O-rings

- 1 **714689-92600 Gasket Set**
- 1 114650-01340 Head Gasket
- 1 114650-01380 Push Rod O-ring
- 1 114650-01412 Crank Case Gasket
- 1 114650-11310 Bonnet Gasket
- 1 114250-11460 Injector Nozzle Gasket to Head
- 1 114350-11470 Injector Nozzle Spacer
- 1 114650-12300 Intake Manifold Gasket
- 1 114650-13201 Exhaust Manifold Gasket
- 1 103338-32570 Oil Pump O-ring
- 1 24423-355008 Crankshaft Seal (Flywheel End)
- 1 24423-355008 Crankshaft Seal



*L-Series Engine*

### Bearings

- 1 114650-02100 Main Bearing (Flywheel End)
- 1 114650-02150 Main Ball Bearing
- 2 24101-062034 Balancer Shaft Ball Bearing
- 1 714650-23600 B/E Bearing Std
- 1 124060-23910 Piston Pin Bush
- 1 24101-062070 Camshaft Bearing (Flywheel End)
- 1 24162-152112 Camshaft Needle Bearing

### 0.25mm

### 0.50mm

- 114650-02200 114650-02210
- N/A N/A
- N/A N/A
- 714650-23610 714650-23620

### Pistons, Rings

- 1 **714660-22723 Piston & Ring Assy Std**
- 1 714650-22502 Ring Set Std
- 1 114699-22300 Piston Pin
- 2 22252-000210 Circlip
- 1 **714650-23700 Con-Rod Assy**

### 0.25mm

### 0.50mm

- 714660-22624 714660-22580
- 714650-22542 714650-22550

### Cylinder Head

- 1 114650-11100 Inlet Valve
- 1 114654-11110 Exhaust Valve
- 2 114650-11340 Valve Stem Seal
- 2 114650-11121 Valve Springs
- 2 27310-070001 Cotter
- 2 104211-11370 Cap, Valve

### Electrical Components

- 1 114351-77500 Ignition Switch Assy
- 1 106100-77630 Ignition Key
- 1 114362-77010 Starter Motor

### Fuel Injection

- 1 **714650-51700 Fuel Injection Pump**
- 1 114650-51300 Delivery Valve
- 1 114650-51100 Body With Plunger
- 1 **714650-53100 Fuel Injector**
- 1 114650-53000 Nozzle Assy
- 1 114250-53400 Injector Shim Pack
- 1 114250-55300 Fuel Tap Cock Assy
- 1 114288-55040 Fuel Cap Assy
- 1 714569-55701 Fuel Tank Assy

### Recoil

- 1 Refer P/Book Recoil Assy
- 1 " Recoil Spring
- 1 " Recoil Reel
- 1 " Recoil Rope

### Filters

- 1 **114650-12590 Air Filter**
- 1 **114250-55121 Fuel Filter**
- 1 **114250-35110 Oil Filter**