

# TS-105

Yanmar Industrial Engine



### Gaskets/Washers/O-rings

- 1 **704500-01610** Gasket Set (Hd Gskt Not Inc)
- 1 104564-01332 Head Gasket
- 1 104500-01410 Side Cover Gasket
- 2 104200-01490 Bottom Shelter Plate Gaskets
- 1 104500-11310 Bonnet Gasket
- 2 101704-11450 Packing, Chamber
- 1 103854-11490 Insulator, Chamber
- 1 106300-12050 Intake Manifold Gasket
- 1 104500-13200 Exhaust Manifold Gasket
- 1 103338-32570 Oil Pump O-ring
- 1 103338-02220 \* **Crankshaft Seal (Flywheel End)**
- 1 104500-02020 Bearing Cap Gasket (Flywheel End)
- 1 24421-506809 \*\* **Crank Seal (Flywheel End)**
- 1 104200-76500 Crankshaft Seal

\* Refer Below for Legend

### Bearings

- 1 104500-02100 \* **Main Bearing (Flywheel End)**
- 1 104500-02100 \* **Main Bearing**
- 2 104500-02110 Thrust Bearing
- 1 105600-02300 \*\* **Main Ball Bearing Type (Flywheel End)**
- 1 104605-02310 \*\* **Main Ball Bearing Type**
- 1 103338-23300 B/E Bearing Std
- 1 103438-23910 Piston Pin Bush

\* Refer Below for Legend

### Liner, Pistons, Rings

- 1 704500-01900Y Liner Assy
- 1 **104500-22090** Piston & Ring Assy Std
- 1 705400-22503 Ring Set Std
- 1 105500-22300 Piston Pin
- 2 124250-22400 Circlip
- 1 **704500-23100** Con-rod Assy

### Cylinder Head

- 1 103438-11100 Inlet Valve
- 1 103438-11110 Exhaust Valve
- 2 106500-11120 Valve Springs
- 2 27310-080001 Cotter

### Fuel Injection

- 1 **704500-51700** Fuel Injection Pump
- 1 102700-51100 Plunger With Barrel
- 1 101300-51300 Valve W/Seat, Delivery Valve
- 1 **704500-53100** Fuel Injector
- 1 172100-53000 Nozzle Assy
- 1 110250-53150 Injector Shim Pack
- 1 104583-59800 Fuel Line- Fuel Pump to Injector
- 1 105440-59140 Fuel Line- Inj Return to Tank
- 1 106800-59010 Fuel Line- Tank to Filter Assy
- 1 106800-59010 Fuel Line- Strainer to F/Pump
- 1 101168-55040 Fuel Cap Assy
- 1 704507-55700 Fuel Tank Assy

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**To Suit - Plain Bearing Type Crankshaft**

**To Suit - Ball Bearing Type Crankshaft**



**TS Series Engine**

### 0.25mm

### 0.50mm

- |              |              |
|--------------|--------------|
| 104500-02130 | 104500-02140 |
| 104500-02130 | 104500-02140 |
| N/A          | N/A          |
| N/A          | N/A          |
| N/A          | N/A          |
| 104500-23350 | 104500-23360 |

### 0.25mm

### 0.50mm

- |              |              |
|--------------|--------------|
| N/A          | N/A          |
| 104500-22470 | 104500-22480 |
| 105400-22510 | 105400-22520 |

### Cooling

- 1 104507-44500 Condensor
- 1 704507-44560 Cooling Fan Assy

### V/Belt, Pulleys

- 1 25117-003901 V-Belt
- 1 106100-44800 Tension Pulley Assy
- 1 104500-76791 \* Crank Handle
- 1 106500-76790 \*\* Crank Handle

### Filters

- 1 **104500-12510** Air Filter/Washable
- 1 **104500-55710** Fuel Filter
- 1 **124064-55510** Fuel Filter Bowl
- 1 **102103-55520** F/Filter Bowl O-Ring
- 1 **104500-35150** \* Oil Filter
- 1 **106500-35150** \*\* Oil Filter