

3TNE78

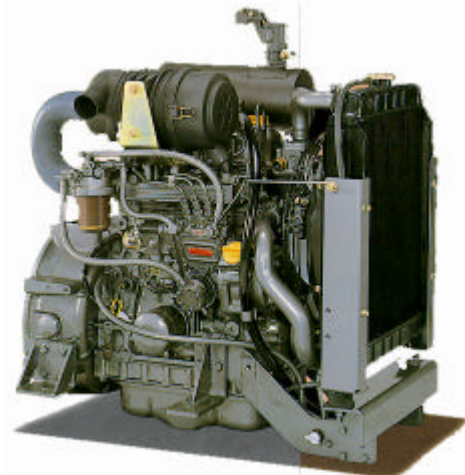
Models SA/EPP/EMR/EFF

Yanmar Industrial Engine



Gaskets/Washers/O-rings

- 1 **719822-92600 Gasket Set**
- 1 119818-01330 Head Gasket
- 2 977770-01212 Sump Gasket (Liquid)
- 1 977770-01212 Timing Cover Gasket (Liquid)
- 1 119865-11310 Bonnet Gasket
- 1 119810-12111 Intake Manifold Gasket
- 1 119813-13110 Exhaust Manifold Gasket
- 2 121000-13201 Gasket Manifold to Muffler
- 1 129150-32020 Oil Pump Gasket
- 1 129795-01800 Crankshaft Seal (Flywheel End)
- 1 977770-01212 Brg Cap Gasket (Flywheel End)
- 1 119810-01780 Crankshaft Seal



TNE-Series Engine

Bearings

- 4 119810-02800 Main Bearing Std
- 2 119810-02930 Main Thrust Bearing
- 3 119810-23600 B/E Bearing Std
- 3 119810-23910 Piston Pin Bush
- 1 129795-02411 Camshaft Bearing

- | <u>0.25mm</u> | <u>0.50mm</u> |
|---------------|---------------|
| 119810-02870 | N/A |
| 119810-02940 | N/A |
| 119810-23610 | N/A |

Liner, Pistons, Rings

- 3 **119818-22080 Piston & Ring Assy Std**
- 3 119818-22500 Ring Set Std
- 3 119813-22300 Piston Pin
- 6 129792-22400 Circlip
- 3 **719810-23100 Con-Rod Assy**

- | <u>0.25mm</u> | <u>0.50mm</u> |
|---------------|---------------|
| 119818-22900 | N/A |
| 119818-22950 | N/A |

Cylinder Head

- 3 119810-11100 Inlet Valve
- 3 119810-11110 Exhaust Valve
- 6 124950-11340 Valve Stem Seals
- 6 119810-11120 Valve Springs
- 6 27310-070001 Cotter
- 6 104211-11370 Cap, Valve

Cooling Hoses, V-Belt

- 1 171420-49010 Top Radiator Hose
- 1 119645-49020 Bottom Radiator Hose
- 1 25132-003900 V-Belt
- 1 129155-49800 Thermostat
- 1 119810-42001 Water Pump

Fuel Injection

- 1 **719822-51370 Fuel Injection Pump**
- 1 129108-51100 Plunger With Barrel
- 1 129100-51300 Valve W/Seat, Delivery Valve
- 3 **729500-53200 Fuel Injector**
- 3 129500-53050 Nozzle Assy
- 1 119813-59811 Fuel Line- Pump to Injector No1
- 1 119813-59821 Fuel Line- Pump to Injector No2
- 1 119813-59831 Fuel Line- Pump to Injector No3
- 1 129555-59510 Fuel Line - Pump to Filter Assy
- 1 129255-59580 Fuel Line - Lift Pump to Filter As
- 1 129100-52100 Fuel Lift Pump

Electrical Components

- 1 Refer P/Book Stop Solenoid
- 1 129129-77010 Starter Motor
- 1 119836-77201 Alternator
- 1 933110-00301 Ignition Key

Filters

- 1 **119808-12520 Air Filter**
- 1 **119810-55650 Fuel Filter**
- 1 **121254-55510 Fuel Filter Bowl**
- 1 **102103-55520 F/ Filter Bowl O-ring**
- 1 **129150-35151 Oil Filter**

