

# TS-80

## Yanmar Industrial Engine



### Gaskets/Washers/O-rings

1	<b>704300-01610</b>	<b>Gasket Set (Hd Gskt Not Inc)</b>
1	104300-01330	Head Gasket
1	104300-01410	Side Cover Gasket
2	104200-01490	Bottom Shelter Plate Gaskets
1	104300-11310	Bonnet Gasket
2	103288-11450	Packing, Chamber
1	103854-11490	Insulator, Chamber
1	106300-12050	Intake Manifold Gasket
1	104300-13200	Exhaust Manifold Gasket
1	103338-32570	Oil Pump O-ring
1	24421-506809	* <b>Crankshaft Seal (Flywheel End)</b>
1	104400-02020	Bearing Cap Gasket (Flywheel End)
1	24421-506809	** <b>Crank Seal (Flywheel End)</b>
1	104200-76500	Crankshaft Seal

\* Refer Below for Legend

### Bearings

1	104300-02101	* <b>Main Bearing (Flywheel End)</b>
1	104300-02101	* <b>Main Bearing</b>
2	104300-02110	Thrust Bearing
1	105600-02300	** <b>Main Ball Bearing Type (Flywheel End)</b>
1	105600-02310	** <b>Main Ball Bearing Type</b>
1	103288-23300	B/E Bearing Std
1	103338-23910	Piston Pin Bush

\* Refer Below for Legend

### Pistons, Rings

1	705140-01900Y	Liner Assy
1	<b>104300-22090</b>	<b>Piston &amp; Ring Assy Std</b>
1	704300-22502	Ring Set Std
1	103338-22300	Piston Pin
2	103338-22400	Circlip
1	<b>704400-23100</b>	<b>Con-rod Assy</b>

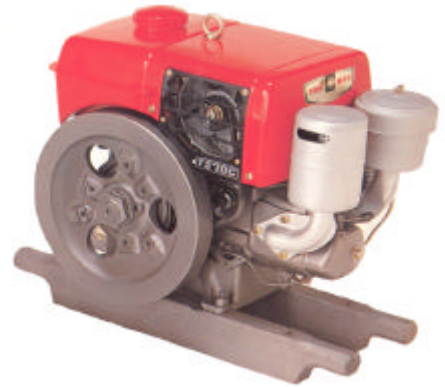
### Cylinder Head

1	101218-11100	Inlet Valve
1	101218-11110	Exhaust Valve
2	106300-11120	Valve Springs
2	27310-070001	Cotter

### Fuel Injection

1	<b>704300-51700</b>	<b>Fuel Injection Pump</b>
1	101204-51100	Plunger With Barrel
1	101300-51300	Valve W/Seat, Delivery Valve
1	<b>704300-53100</b>	<b>Fuel Injector</b>
1	172100-53000	Nozzle Assy
1	110250-53150	Injector Shim Pack
1	104400-59801	Fuel Line- Fuel Pump to Injector
1	104400-59801	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	706310-55700	Fuel Tank Assy

\* **To Suit - Plain Bearing Type Crankshaft**  
 \*\* **To Suit - Ball Bearing Type Crankshaft**



### TS Series Engine

0.25mm	0.50mm
104300-02130	104300-02140
104300-02130	104300-02140
N/A	N/A
N/A	N/A
N/A	N/A
104300-23350	104300-23360

0.25mm	0.50mm
N/A	N/A
104300-22470	NLA
704300-22572	704300-22540

### Cooling

1	104307-44500	Condensor
1	704407-44560	Cooling Fan Ass

### V/Belt, Pulleys

1	25117-003651	V-Belt
1	106100-44800	Tension Pulley A
1	104200-76791	* <b>Crank Handle</b>
1	106100-76790	** <b>Crank Handle</b>

### Filters

1	<b>104300-12510</b>	<b>Air Filter/Washa</b>
1	<b>104200-55710</b>	<b>Fuel Filter</b>
1	<b>102103-55510</b>	<b>Fuel Filter Bowl</b>
1	<b>102103-55520</b>	<b>F/Filter Bowl O-</b>
1	<b>104200-35150</b>	<b>Oil Filter</b>



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Ring