

4BY3 150(Z)180(Z)@4000rpm

Part Description	Qty	Part Number	
Air Filter Element	1	120650-12510	
Oil Filter Element	1	165000-69520	
Fuel Filter Element	1	120651-55020	
Alternator Belt	1	120640-00010	Marine Gear
Alternator Belt	1	120640-00020	Stern Drive
Cyl.Head Gasket	1	Refer to Parts Manual	
Rocker Cover Gasket	1	165000-68190	
Impeller	1	120650-42310	
Impeller Gasket	1	120650-42440	
Impeller Plate Screws		Not Shown	
S/W Pump Belt	1	120650-42360	
Thermostat	1	120650-44570	Exhaust Manifold
Thermostat Gasket	1	120650-44580	Exhaust Manifold
Thermostat Assy	1	165001-44440	Water Pump
Injector	6	165000-70560	
Injector Nozzle	N/A	Complete Injector Only	
Std Alternator	1	165001-25180	
Starter Motor	1	165001-35760	
Anode	1	120650-13420	
Anode	2	120650-18490	

Yanmar Engine Oil	0W40-1	1 Ltr
	0W40-5	5 Ltr
	0W40-205	205 Ltr

Yanmar Coolant XLC	COOLANT-1	1 Ltr
	COOLANT-5	5 Ltr
	COOLANT-205	205 Ltr

Technical Info

Oil Pan Capacity (Ltr)	8.0
Coolant Capacity (Ltr)	10.0
Suction Valve Clearance (mm)	N/A Overhead Cam
Exhaust Valve Clearance (mm)	N/A Overhead Cam

Torque Tightening

Cylinder Head	Refer To Service Manual
Main Bearing	22nm +90°
Con Rod	5nm then 20nm +70°
FW Bolt	15nm Initial 120nm Final
Injection Valve	0.9kgf-m

SPECIFICATION MAY CHANGE IN TIME. IF UNSURE PLEASE REFER TO THE SERVICE MANUAL.