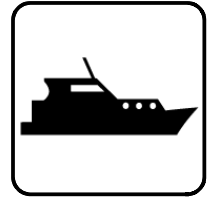


# Operation

## Marine Generator Sets



Models:

**6EKOD**

**9- 11EKOZD**

**5EFKOD**

**7- 9EFKOZD**

### 3.2 Service Schedule—6- 11EKOD/EKOZD & 5-9EFKOD/EFKOZD Models

Perform Service at Intervals Indicated (X)	Reference Section	Daily	Every 50 Hrs. or 1 Month	Every 250 Hrs. or 3 Months	Every 500 Hrs. or 6 Months	Every 1000 Hrs. or Yearly
<b>FUEL SYSTEM</b>						
Check the fuel level and fill as necessary	3.4	X (Before operation)				
Check for any unusual noise †		X (During operation)				
Remove the sediment from the fuel tank and drain the fuel tank †§				X		
Bleed the fuel system (if encountering hard starting)	3.4.3		X			
Replace the fuel filter *	3.4.2			X		
Fuel/water separator draining *†			X			
Fuel/water separator cleaning *†					X	
Inspect, clean, and test the fuel injectors *†‡	Eng. S/M					X
Inspect the fuel injection nozzle pressure *†‡	Eng. S/M					X
<b>LUBRICATION SYSTEM</b>						
Check the crankcase oil level and add oil as necessary	3.3.2	X (Before operation)				
Replace the oil in the crankcase *	3.3.3		X (Break-in period)	X		
Replace the lube oil filter element *	3.3.3		X (Break-in period)	X		
<b>COOLING SYSTEM</b>						
Check the coolant level and fill as necessary *	3.6.2	X (Before operation)				
Check the seawater outlet and clean as necessary	3.5	X				
Check/adjust the seawater pump belt tension *	3.7.1		X (Break-in period)	X		
Check the function of the siphon break, if equipped	3.6.6			X		
Check/replace the seawater pump impeller *†	3.6.5			X (Check)		X (Replace)
Replace the coolant *†	3.6.3				X	
Check/replace the heat exchanger anticorrosion zinc anode, if equipped *†	3.6.7			X (Check)		X (Replace)
Clean the heat exchanger tube *†	Gen. S/M				X	
Check/replace the coolant hoses *†				X (Check)		X (Replace)

\* Requires removal of the sound shield door, if installed

† Consult your local distributor/dealer for service

‡ Read the WARNING found at the beginning of the manual regarding moving parts

§ Consult the operating instructions supplied with the craft

## Service Schedule—6- 11EKOD/EKOZD & 5-9EFKOD/EFKOZD Models, continued

Perform Service at Intervals Indicated (X)	Reference Section	Daily	Every 50 Hrs. or 1 Month	Every 250 Hrs. or 3 Months	Every 500 Hrs. or 6 Months	Every 1000 Hrs. or Yearly
<b>INTAKE/EXHAUST SYSTEM</b>						
Inspect the exhaust system components *†	3.5	X (Before operation)				
Check the exhaust gas condition. If the exhaust is blue or black, contact your local distributor/dealer	3.5	X (During operation)				
Clean the exhaust/water mixing elbow *†	3.5				X	
Inspect the crankcase breather system *†	Eng. S/M					X (1500 hrs.)
Check the breather pipe for obstructions *†					X	
Inspect the complete exhaust system *†	2.2					X
<b>ELECTRICAL SYSTEM</b>						
Keep the battery charged and in good condition §	3.8	X (Before operation)				
Check and tighten the electrical connections *			X			
Clean the battery cables †						X
Check the starter motor †						(5000 hrs.)
<b>ENGINE AND MOUNTING</b>						
Check for water, fuel, coolant, and oil leakage *†‡		X (After operation)				
Retighten any loose nuts and bolts *		X (Before operation)				
Check the mounting bolts/vibromounts and tighten if necessary *					X	
Adjust the intake/exhaust valve clearance *†	Eng. S/M				X	
Check the compartment condition (fuel, oil, or water leaks)		X (Before operation)				
Replace the timing belt *†	Eng. S/M					X (4000 hrs.)
Partial engine overhaul *†	Eng. S/M					X (5000 hrs.)
Total engine overhaul *†	Eng. S/M					X (10000 hrs.)
<b>REMOTE START PANEL</b>						
Check the remote start panel operation, if equipped			X (Break-in period)			X
<b>GENERATOR</b>						
Test run the generator set			X (Weekly)			
Blow dust out of the generator *†	3.1					X
<b>6EKOD/5EFKOD Models:</b> Clean the slip rings and inspect the brushes *†	Gen. S/M					X

\* Requires removal of the sound shield door, if installed

† Consult your local distributor/dealer for service

‡ Read the WARNING found at the beginning of the manual regarding moving parts

§ Consult the battery manufacturer's instructions