



Marine Diesel Engine Checklist

Daily Checks

Before Start Daily Checklist -	
Check that there is sufficient fuel in the Tank	
Check the lubrication oil level in the engine	
Check for leakage, oil, fuel, water	
Main battery switch on	
Start engine	
Check cooling water flow	
Check oil pressure	
Check battery charging	
Check no rope hanging overboard	

After Sailing Routine Checklist -	
Let engine idle for some minutes	
Shut engine	
Shut off unnecessary electrical equipment	

On-board Spares & Tools

A proper on board spares kit equipped to cope with minor failures at sea.

Clearly a tool kit sufficient to cope with fitting spares is equally important.

Suggested List of On-board Spares

Engine oil	
Gearbox oil	
Oil filter	
Fuel pre-filter elements	
Fuel fine-filter elements	
Impeller	
Drive belt	
Thermostat	
Instant gasket / gasket paper	
Jubilee clips (various)	
Radiator hose	
Fuses	



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Air-filter elements	
Washers	
Pipe seals	
Cable ties	
Insulating tape	
Waterpump faceplate screws & gasket	
Grease	

Suggested Tools

Spanner & socket set	
Adjustable spanner	
Pliers	
Screwdrivers (various)	
A sharp knife (Multi tool)	
Sump pump c/w hose	
Magnet	
Torch	
Feeler guages	

REMEMBER – A Regularly Serviced and Maintained Engine is a Reliable Engine