

Video film on engine care

An 18-minute **video film** has been prepared on “**Maintaining Long tail Engines**”. Meant to be a step-by-step guide for fishers of the East Coast of India, it contains do’s and don’ts on engine care and maintenance to ensure safety at sea. The film has been translated into Tamil and Telugu, and may be translated into other languages as well.

The film describes the various parts of the engine and the propulsion unit and their functions. It contains a checklist, of various checks they should perform – about necessary spares, oil levels, fittings in good condition, fuel systems, etc. There’s a list of do’s and don’ts.

The film was received very well by fishers and engine mechanics in India.



TRUTH BE A SENSITIVE:

NATURE OF COMPLAINT / PROBLEM / ENGINE	ACTIONS TO BE TAKEN
STARTING PROBLEMS:	
No fuel in tank	Fill fuel
Difficult to start / won't start	Check fuel pump / Replace fuel filter
No air to fuel system	Replace air filter
ENGINE RUNNING PROBLEMS:	
No air to fuel system	Replace fuel system
Fuel filter partially clogged	Replace fuel filter
Difficult to start / won't start	Check the vent hole in tank
Water in fuel	Replace fuel
Difficult to start / won't start	Check fuel pump
Over heating	Check propeller and shaft
Excessive fuel oil in pump	Fill to correct level
Difficult to start / won't start	Check vent hole in tank cap
Clashed air filter	Change air filter
SMALLER PROBLEMS:	
Over loading	Check propeller and shaft
Clogged air filter	Replace air filter
Contaminated fuel	Replace fuel
WATER PROBLEMS:	
Contaminated oil in pump	Fill to correct level
Change of water recommended grade of oil	Use correct grade of oil
FUEL OIL PROBLEMS:	
Change of wrong grade of oil	Use correct grade of oil
Excessive oil in pump	Fill to correct level

TROUBLE SHOOTING	ACTION
STARTING PROBLEMS:	Check propeller and shaft / Check fuel filter
ENGINE RUNNING PROBLEMS:	Top correct grade of oil / Top correct grade of oil / Clean air filter
REPAIR AT THE AT OVERHEATED ENGINE:	
EXCESSIVE HEATING:	Replace or pressure relief valve
EXCESSIVE FUEL OIL:	Check vent hole in tank cap
EXCESSIVE WATER:	Check vent hole in tank cap
EXCESSIVE VIBRATION:	Check propeller and shaft / Check fuel filter
EXCESSIVE SMOKE:	Check vent hole in tank cap
EXCESSIVE NOISE:	Check vent hole in tank cap
EXCESSIVE OIL:	Check vent hole in tank cap

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Bay of Bengal News is a quarterly publication of the Bay of Bengal Programme Inter-Governmental Organisation (BOBP-IGO). The BOBP-IGO is a regional fisheries body, which presently covers four countries around the Bay of Bengal – Bangladesh, India, Maldives and Sri Lanka. The BOBP-IGO plays a catalytic and consultative role in developing coastal fisheries management in the Bay of Bengal to help improve the conditions of small-scale fisherfolk in the member-countries.

