

TROUBLESHOOTING GUIDE

1. ENGINE

This guide is not intended to cover every conditions, however many of the more common possibilities are listed.

| Trouble | Service | Remark |
|--|--|--------|
| The engine oil pressure lamp lights ON when engine speed is raised after completion of warm up. | <ul style="list-style-type: none"> • Add the oil to the specified level. • Replace the oil filter cartridge. • Check oil leakage from the pipe or the joint. • Replace the monitor. | |
| Steam is emitted from the top part of the radiator(The pressure valve). Coolant level warning lamp lights ON. | <ul style="list-style-type: none"> • Supply the coolant and check leakage. • Adjust fan belt tension. • Wash out inside of cooling system. • Clean or repair the radiator fin. • Check the thermostat. • Tighten the radiator cap firmly or replace the packing of it. • Replace the monitor. | |
| The engine does not start when the starting motor is turned over. | <ul style="list-style-type: none"> • Add fuel. • Repair where air is leaking into fuel system. • Check the injection pump or the nozzle. • Check the valve clearance. • Check engine compression pressure. | |
| Exhaust gas is white or blue. | <ul style="list-style-type: none"> • Adjust to specified oil quantity. • Replace with specified fuel. | |
| Exhaust gas occasionally turns black. | <ul style="list-style-type: none"> • Clean or replace the air cleaner element. • Check the nozzle. • Check engine compression pressure. • Clean or replace the turbocharger. | |
| Combustion noise occasionally changes to breathing sound. | <ul style="list-style-type: none"> • Check the nozzle. | |
| Unusual combustion noise or mechanical noise. | <ul style="list-style-type: none"> • Check with specified fuel. • Check over-heating • Replace the muffler. • Adjust valve clearance. | |