

10. Engine Lubrication System Trouble in General

A: INSPECTION

Before performing diagnostics, make sure that the engine oil level is correct and no oil leakage exists.

| Symptoms | Possible cause | | Corrective action |
|--|--|---|---|
| 1. Warning light remains ON. | 1) Oil pressure switch failure | Cracked diaphragm or oil leakage within switch | Replace. |
| | | Broken spring or seized contacts | Replace. |
| | | Clogging of oil filter | Replace. |
| | | Malfunction of oil by-pass valve in oil filter | Clean or replace. |
| | | Malfunction of oil relief valve in oil pump | Clean or replace. |
| | 2) Low oil pressure | Clogged oil passage | Clean. |
| | | Excessive tip clearance and side clearance of oil pump rotor and gear | Replace. |
| | | Clogged oil strainer or broken pipe | Clean or replace. |
| | 3) No oil pressure | Insufficient engine oil (degradation, etc.) | Replace. |
| | | Broken pipe of oil strainer | Replace. |
| | | Stuck oil pump rotor | Replace. |
| 2. Warning light does not turn on. | 1) Malfunction of combination meter | | Replace. |
| | 2) Poor contact of switch contact points | | Replace. |
| | 3) Disconnection of wiring | | Repair. |
| 3. Warning light flickers momentarily. | 1) Poor contact of terminals | | Repair. |
| | 2) Defective wiring harness | | Repair. |
| | 3) Low oil pressure | | Check for the same possible causes as listed 1) — 2). |

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LUBRICATION

SPEED CONTROL SYSTEMS

SP(H4DOTC)

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