

Engine Lubrication System Trouble in General

LUBRICATION

14.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.

| Trouble | Possible cause | Corrective action |
|-------------------------------------|--|-------------------|
| Warning light remains ON. | a. Oil pressure switch failure | |
| | ○ Cracked diaphragm or oil leakage within switch | Replace. |
| | ○ Broken spring or seized contacts | Replace. |
| | b. Low oil pressure | |
| | ○ Clogging of oil filter | Replace. |
| | ○ Malfunction of oil by-pass valve in oil filter | Replace. |
| | ○ Clogged oil passage | Clean. |
| | ○ Excessive tip clearance and side clearance of oil pump rotor | Replace. |
| | ○ Clogged oil strainer or broken pipe | Clean or replace. |
| | c. No oil pressure | |
| | ○ Insufficient engine oil (degradation, etc.) | Replace. |
| | ○ Broken pipe of oil strainer | Replace. |
| | ○ Stuck oil pump rotor | Replace. |
| Warning light does not illuminate. | a. Malfunction of combination meter | Replace. |
| | b. Poor contact of switch contact points | Replace. |
| | c. Disconnection of wiring | Repair. |
| Warning light flickers momentarily. | a. Defective terminal contact | Repair. |
| | b. Defective wiring harness | Repair. |
| | c. Oil pressure switch failure | |
| | ○ Cracked diaphragm or oil leakage within switch | Replace. |
| | ○ Broken spring or seized contacts | Replace. |
| | d. Low oil pressure | |
| | ○ Clogging of oil filter | Replace. |
| | ○ Malfunction of oil by-pass valve in oil filter | Replace. |
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SP(H4DO)

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