

General Diagnostic Table

LUBRICATION

10. General Diagnostic Table

A: INSPECTION

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

Symptom	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.
	2) Low oil pressure	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.
		Clogged oil passage	Clean.
		Excessive tip clearance and side clearance of oil pump rotor and gear	Replace.
	3) No oil pressure	Clogged oil strainer or broken pipe	Clean or replace.
		Insufficient engine oil amount	Replenish.
Broken pipe of oil strainer		Replace.	
2. Warning light does not turn on.	Stuck oil pump rotor		Replace.
	1) Malfunction of combination meter	Replace.	
	2) Poor contact of switch contact points	Replace.	
3. Warning light flickers momentarily.	3) Disconnection of wiring		Repair.
	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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