

Engine Lubrication System Trouble in General

LUBRICATION

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.

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.
		Clogging of oil filter	Replace.
	2) Low oil pressure	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.
	3) No oil pressure	Excessive tip clearance and side clearance of oil pump rotor and gear	Replace.
		Clogged oil strainer or broken pipe	Clean or replace.
		Insufficient engine oil (including deterioration)	Replace.
2. Warning light does not turn on.	Broken pipe of oil strainer	Replace.	
	Stuck oil pump rotor	Replace.	
	1) Malfunction of combination meter	Replace.	
3. Warning light flickers momentarily.	2) Poor contact of switch contact points	Replace.	
	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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SP(H6DO)

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