

Engine Lubrication System Trouble in General

LUBRICATION

9. 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
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	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	Replace.
		Clogged oil strainer or broken pipe	Clean or replace.
		Insufficient engine oil (degradation, etc.)	Replace.
2. Warning light does not illuminate.	1) Malfunction of combination meter 2) Poor contact of switch contact points 3) Disconnection of wiring	Broken pipe of oil strainer	Replace.
		Stuck oil pump rotor	Replace.
		1) Poor contact of terminals 2) Defective wiring harness	Repair.
3. Warning light flickers momentarily.	3) Low oil pressure		Check for the same possible causes as listed 1. — 2.

SPEED CONTROL SYSTEMS

SP(H4SO)

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