

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.

Trouble	Possible cause		Corrective action
1. Warning light remains ON.	1) Oil pressure switch failure	Cracked diaphragm or pressure leakage within switch	Replace.
		Broken spring or seized contacts	Replace.
	2) Low oil pressure	Clogged oil filter	Replace.
		Malfunction of oil by-pass valve of oil filter	Clean or replace.
		Malfunction of oil relief valve of oil pump	Clean or replace.
		Clogged oil passage	Clean.
		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	Replenish.
Broken pipe of oil strainer		Replace.	
2. Warning light does not go on.	Oil pump rotor does not rotate.	Replace.	
	1) Broken line related to bulb	Replace.	
	2) Poor contact of switch contact points	Replace.	
3. Warning light flickers momentarily.	3) Disconnection of wiring	Repair.	
	1) Poor contact at terminals	Repair.	
	2) Defective wiring harness	Repair.	
	3) Low oil pressure	Check for the same possible causes as listed in 1.—2).	