

# ENGINE LUBRICATION & COOLING SYSTEMS

## SECTION LC

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LC

- Before removing front cover remove oil pan and oil strainer.
- Do not damage cylinder head gasket.
- Always use new gaskets, snap ring, O-ring and oil seal.
- When installing front cover, apply sealant.

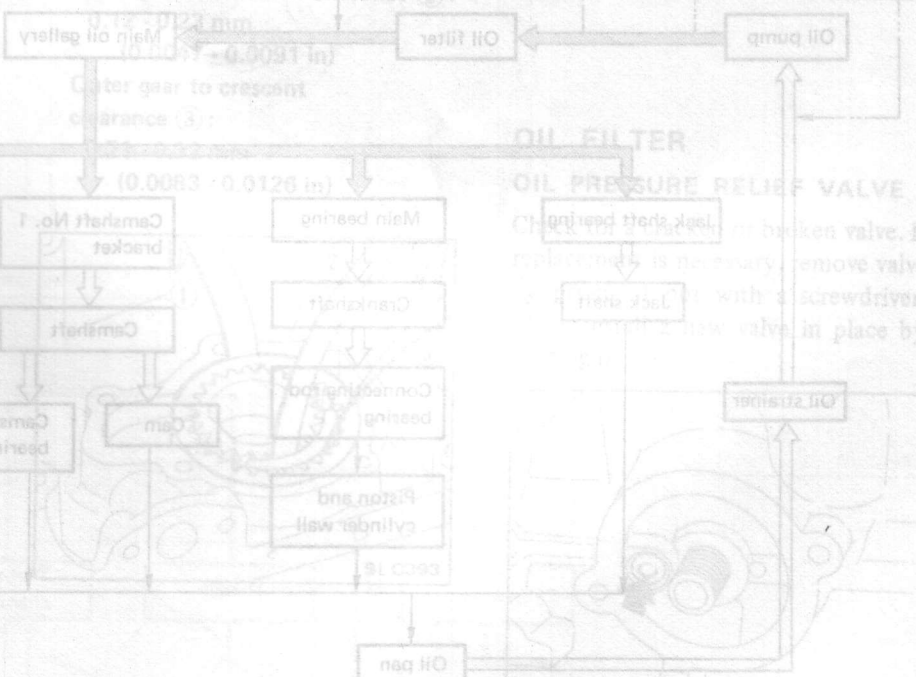
#### INSPECTION

- Measure clearance.

Body to outer gear clearance ①:  
0.11 - 0.20 mm  
(0.0043 - 0.0079 in)

Inner gear to crescent clearance ②:  
0.05 - 0.10 mm  
(0.0019 - 0.0039 in)

Water gear to crescent clearance ③:  
0.05 - 0.10 mm  
(0.0019 - 0.0039 in)



#### OIL FILTER

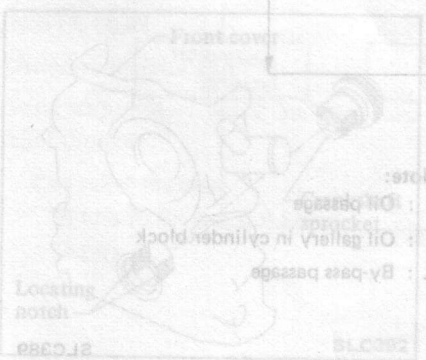
OIL PRESSURE RELIEF VALVE

Oil filter relief valve

Oil filter relief valve

Oil filter relief valve

- Before installing front cover, locate locating notches.



2. Measure oil pump gear and housing gear clearance:

Housing to gear clearance:  
0.06 - 0.12 mm  
(0.0024 - 0.0047 in)