

M254 Engine oil seeping from timing case cover

Topic number	LI01.60-P-077807
Version	1
Function group	01.60 - Timing case
Date	5/29/24
Validity	Model year 2022 Model 206 with M254 engine
Reason for change	

Complaint

Engine oil seeping from right rear of engine at upper area of timing case cover.

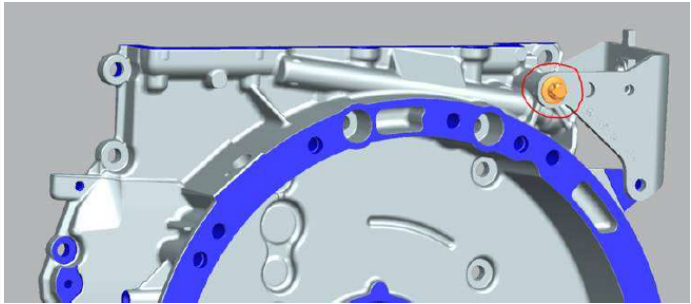
Cause

Porosity in casting of timing case cover.

Remedy

Clean area around exhaust bracket and apply leak detection spray. Proceed with below steps if leakage is confirmed from orange bolt shown in attachment.

- Remove orange bolt shown in attachment and thoroughly clean bore with brake cleaner.
- Ensure bore is completely dry.
- Use new bolt N000000007063 and coat threads with Loctite 222.
- Install bolt and torque to 20 Nm.
- Allow at least 12 hours before starting engine. Then recheck for leakage.

Attachments	
File	Description
Leakage location.PNG	
	

Disclaimer

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Symptoms
Power generation > Engine lubrication/oil cooling > Leakage > External oil loss

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
N000000007063			Bolt	1		X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note