

Technical Service Bulletin (TSB)
Noisy Timing Chain Tensioner

REFERENCE:	TSB: 09-021-26 GROUP: 09 - Engine	Date:	August 26, 2026	REVISION:	–
VEHICLES AFFECTED:	2025 - 2027 (H1) Jeep Renegade 2025 - 2027 (M1) Jeep Compass (Brazil) 2025 - 2027 (N4) RAM Rampage This bulletin applies to vehicles equipped with the 2.0L I4 DOHC DI Turbo Engine W/ESS (Sales Code EC1).			MARKET APPLICABILITY: ☐ NA☐ MEA ☒ SA☐ IAP ☐ EE☐ CH NOTE: This bulletin applies to the South America market.	
CUSTOMER SYMPTOM:	Customers may experience the following: A metallic knocking noise coming from the timing chain area during engine operation.				
CAUSE:	Timing chain tensioner				

REPAIR SUMMARY:

This bulletin involves replacing the timing chain tensioner.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-10-09-90	Timing Chain Tensioner - Replace (0 - Introduction)	1 - Engine Repair and Performance	3.4 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1	50053509 - EMEA K05281548AB - MOPAR	Timing chain tensioner	
1	50052767 - EMEA K05281485AB - MOPAR	High-pressure line from the pressure pump to the fuel rail	
1	50048546 - EMEA K2142125000 - MOPAR	Front crankshaft oil seal in the timing belt cover	
1	50056383 - EMEA K06513080AA - MOPAR	Crankshaft pulley mounting bolt	

CONSUMABLES:

Qty	Part No.	Description	Notes
1	K68082860AB	Mopar Threebond Engine RTV (consumables) (for reimbursement only)	
46	7090923 - EMEA K68082860AB - MOPAR	Engine oil Mopar SAE 5W-30 API SP/GF-6A Full Synthetic MS-13340 (100ml) (consumables) (for reimbursement only)	
50	7092803 - EMEA K68626281AA - MOPAR	Coolant OAT 50/50 (100ml) (50040500 for Argentina) (consumables) (for reimbursement only)	

NOTE: The consumable items covered by this bulletin must be purchased on the open market or through DFS, in accordance with the specified technical requirements. Part numbers should be used solely for warranty reimbursement purposes. Always check the DFS portals for the most up-to-date part numbers.

DIAGNOSIS:

If the customer describes any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

REPAIR PROCEDURE:

- Is there a metallic knocking noise coming from the timing chain area during engine operation?
 - YES>>> Proceed to [Step 2](#).
 - NO>>> This bulletin does not apply.
- Replace the timing chain tensioner. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 1032C16 - Tensor Móvel Hidráulico com Comando da Distribuição - Remoção/Recolocação. Incluso Procedimentos Necessários.

NOTE: After applying this TSB, it is not necessary to send DID-I or DID-A.

POLICY:

Reimbursable within the provisions of the warranty.

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