

Technical Service Bulletin (TSB) Alternator Decoupler Pulley Failure

REFERENCE:	TSB: 08-387-25 GROUP: 08 - Electrical	Date:	December 2, 2025	REVISION:	—
VEHICLES AFFECTED:	2020 - 2023 (M6) Jeep Compass 2023 - 2025 (H6) Jeep Meridian This bulletin applies to H6 vehicles built on or before October 31, 2025 (MDH 1031XX) and both M6 and H6 vehicles equipped with the 2.0L I4 Turbo Diesel Engine W/ ESS (Sales Code EBS) .			MARKET APPLICABILITY: <input type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input checked="" type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH NOTE: This bulletin applies to the Australia and Japan markets only.	
CUSTOMER SYMPTOM:	Customers may experience one or more of the following: <ul style="list-style-type: none"> The alternator pulley may spin freely due to a decoupler failure. <p>NOTE: This condition may cause the alternator not to charge the battery.</p> <ul style="list-style-type: none"> Vehicle will not start due to a depleted battery. Battery symbol displayed in the Instrument Panel Cluster (IPC). Noise heard from the alternator. 				
CAUSE:	Incorrectly torqued alternator pulley				

REPAIR SUMMARY:

This bulletin involves replacing the alternator pulley, belt and cap.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-05-01-Y9	Cap, Alternator Pulley and Belt - Replace (1 - Semi-Skilled)	6 - Electrical and Body Systems	1.9 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1	68672638AA	Belt, Serpentine	
1	68677871AA	Pulley, Alternator	New OAP Pulley
1	68746952AA	Cap, Pulley	

DIAGNOSIS:

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

REPAIR PROCEDURE:

NOTE:

- **This Repair Procedure covers pulley replacement (only) with the new OAP pulley instead of replacing the entire alternator, unless the alternator is found to be defective.**
- **When pulley replacement is required, it is strongly recommended to always replace the alternator pulley with the new OAP pulley P/N 68677871AA, along with new belt P/N 68672638AA and cap P/N 68746952AA together.**

1. Replace the alternator pulley and serpentine belt. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>08 - Electrical / 8F - Engine Systems / Charging / Generator / Removal and Installation.

POLICY:

Reimbursable within the provisions of the warranty.

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