

REFERENCE:	TSB: 08-233-25 GROUP: 08 - Electrical	Date:	August 2, 2025	REVISION:	—
VEHICLES AFFECTED:	2024 - 2025 (KM) Jeep Wagoneer S This bulletin applies to vehicles built on or before March 24, 2025 (MDH 0324XX) equipped with Air Cond ATC w/Dual Zone Control (Sales Code HAF).			MARKET APPLICABILITY: <input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH NOTE: This bulletin applies to North America markets.	
CUSTOMER SYMPTOM:	Customer may comment on the following: <ul style="list-style-type: none"> Intermittent screeching noise is coming from inside the cabin when starting or driving the vehicle. 				
CAUSE:	Manufacturing concern				

REPAIR SUMMARY:

This bulletin involves replacing the electronic expansion valve.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
24-35-20-99	Valve, A/C Expansion (Evaporator Mounted) – Replace (2 - Skilled)	6 - Electrical and Body Systems	0.6 Hrs.
Failure Code	ZZ	Service Action	

RELATED LOP:

Labor Operation No:	Labor Description	Skill Category	Labor Time
24-01-11-02	A/C Plumbing - Use whenever it is necessary to test, recover, replace failed A/C plumbing component, and recharge the A/C system. (2 - Skilled)	6 - Electrical and Body Systems	1.2 Hrs.

SPARE PARTS

Qty	Part No.	Description	Notes
1	68687044AA - NA	Valve, Electronic Expansion	—
1	68100681AA	Seal - Slim Line-1/2"	—
1	68100682AA	Seal - Slim Line-3/4"	—

DIAGNOSIS:

If the customer describes a symptom/condition above, perform the repair procedure.

NOTE: Do not try to reproduce the issue because the screeching noise is intermittent.

REPAIR PROCEDURE:

1. Replace the electronic expansion valve. Refer to the detailed service procedures listed in DealerCONNECT>Service Library>Service Info under: 24 - Heating and Air Conditioning / Plumbing / Valve, A/C Expansion / Removal and Installation.

NOTE: There are no O-rings to service in expansion valve itself. Replace the slim line seals/washers on the A/C line block and evaporative side.

POLICY:

Reimbursable within the provisions of the warranty.

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