

HVAC Magnetic Clutch "Chirp" Noise Upon Engagement

Service Category Vehicle Interior

Market USA and Mexico

Section Heating/Air Conditioning



Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2024 - 2026	Tacoma	

Introduction

Some 2024 – 2026 model year Tacoma vehicles may exhibit a “chirp” noise from the HVAC magnetic clutch upon engagement. Follow the Repair Procedure in the bulletin to address this condition.

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Warranty Information

For USA Market

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
AC2601	R & R Clutch Assy, Magnetic	1.9	88410-A1010	91	99

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

For Mexico Market

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
AC2601	R & R Clutch Assy, Magnetic	1.9	88410-A1010	91	99

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 60,000 kilometers, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
88410-A1010	88410-60530	Clutch Assy, Magnetic	1

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Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Magnetic Clutch Stopper*	09985-00270	1
Expander Set	09904-00011	1

*Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-368-6787 (USA) or +(525) 5550 10 3000 (Mexico) or by visiting *Home – Service Resources – Toyota Tools and Equipment Program*.

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVI*	ADE	TSADVUNITECP	1
Techstream Lite		TSLP3DLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	
Robinair R1234YF A/C Machine		ROB118150008	

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- GTS+ software version 2025.04.002.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787 (USA) or +(525) 5550 10 3000 (Mexico) or by visiting *TIS – Diagnostics – Tools & Equipment – Techstream Order Portal*.

Repair Procedure

1. Confirm the condition exists.

When the air conditioning is turned ON, is there an audible “chirp” noise when the magnetic clutch engages?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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Repair Procedure

2. Remove the compressor assembly.

Refer to TIS, applicable model and model year Repair Manual:

- [2024 – 2026](#) Tacoma:
*Vehicle Interior – Heating / Air Conditioning –
Compressor (for Gasoline Model) – Removal*

3. Remove the magnetic clutch assembly from the compressor.

Refer to TIS, applicable model and model year Repair Manual:

- [2024 – 2026](#) Tacoma:
*Vehicle Interior – Heating / Air Conditioning –
Compressor (for Gasoline Model) – Disassembly*

4. Install the NEW magnetic clutch assembly to the compressor.

Refer to TIS, applicable model and model year Repair Manual:

- [2024 – 2026](#) Tacoma:
*Vehicle Interior – Heating / Air Conditioning –
Compressor (for Gasoline Model) – Reassembly*

5. Install the compressor assembly.

Refer to TIS, applicable model and model year Repair Manual:

- [2024 – 2026](#) Tacoma:
*Vehicle Interior – Heating / Air Conditioning –
Compressor (for Gasoline Model) – Installation*

6. Start the engine and turn ON the air conditioner and confirm there is no longer an audible "chirp" noise when the magnetic clutch engages.