

# Front HVAC Blower Motor High Pitched Noise

**Service Category** Vehicle Interior

**Market** USA and Mexico

**Section** Heating/Air Conditioning



## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2022	Avalon, Avalon HV	
2022 - 2024	Camry, Camry HV, Corolla, Corolla Hatchback, Corolla HV, Highlander, Highlander HV, Prius, Prius Prime, RAV4, RAV4 HV, RAV4 Prime, Venza HV	
2023 - 2024	Crown	
2024	Grand Highlander	

## Introduction

Some 2022 model year Avalon and Avalon Hybrid, 2022 – 2024 model year Camry, Camry Hybrid, Corolla, Corolla Hatchback, Corolla Hybrid, Highlander, Highlander Hybrid, Prius, Prius Prime, RAV4, RAV4 Hybrid, RAV4 Prime, and Venza Hybrid, 2023 – 2024 model year Crown, and 2024 model year Grand Highlander vehicles may exhibit a high-pitched noise coming from the front HVAC blower motor while operating the air conditioner or heater. This condition does not affect the operation of the vehicle, however, a heater cover has been developed to help reduce or potentially eliminate the noise. Follow the Repair Procedure in this bulletin to address this condition.

## Front HVAC Blower Motor High Pitched Noise

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### Warranty Information

#### For USA Market

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
AC2403	Heater Cover Installation	0.5	87103-#####*	91	99

\*Warranty claim MUST be submitted with the correct 10-digit OFF. Choose the correct OFF for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

#### 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
AC2403	Heater Cover Installation	0.5	87103-#####*	91	99

\*Warranty claim MUST be submitted with the correct 10-digit OFF. Choose the correct OFF for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

#### 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
87114-33060	Cover, Heater	1

### Repair Procedure

1. Confirm the condition exists.

Does the vehicle exhibit a high-pitched noise coming from the front HVAC blower motor while operating the air conditioner or heater?

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

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### Repair Procedure (continued)

2. Remove the No. 2 instrument panel under cover sub-assembly.  
Refer to TIS, applicable model and model year Repair Manual.
  - [2022](#) Avalon and Avalon Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2022 – 2024](#) Camry:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2022 – 2024](#) Camry Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2022](#) / [2023 – 2024](#) Corolla, Corolla Hatchback, and Corolla Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2023](#) / [2024](#) Crown:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2022](#) / [2023](#) / [2024](#) Highlander and Highlander Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2024](#) Grand Highlander:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2022](#) Prius:  
*Vehicle Interior – Interior Panels / Trim – Lower Instrument Panel – Removal*
  - [2023](#) / [2024](#) Prius:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2022](#) Prius Prime:  
*Vehicle Interior – Interior Panels / Trim – Lower Instrument Panel – Removal*
  - [2023](#) / [2024](#) Prius Prime:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2022](#) / [2023 – 2024](#) RAV4 and RAV4 Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2022](#) / [2023 – 2024](#) RAV4 Prime:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*
  - [2022](#) / [2023 – 2024](#) Venza Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Removal*

## Front HVAC Blower Motor High Pitched Noise

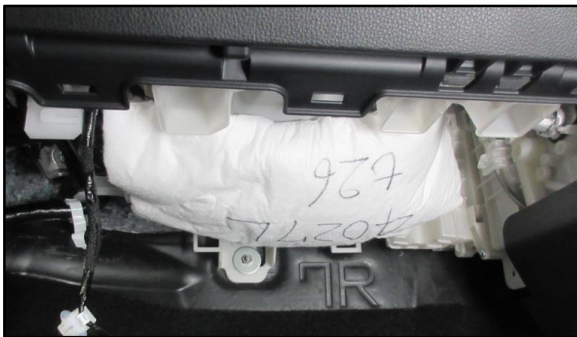
### Repair Procedure (continued)

3. Attach the heater cover to the blower motor case.
  - Using a clean lint free cloth, wipe off any dust or dirt from the bottom of the blower motor housing.
  - Make sure that the heater cover adhesive backing is firmly attached to the blower motor housing.
  - Ensure the blower motor is fully enclosed and covered (as shown in Figure 1).

**NOTE**

- Do NOT cover the HVAC foot duct with heater cover.
- Do NOT remove the blower motor connector during installation.

**Figure 1. Correct Installation of Heater Cover**



**Figure 2. Incorrect Installation of Heater Cover**



4. Re-assemble the No. 2 instrument panel under cover sub-assembly. Refer to TIS, applicable model and model year Repair Manual.
  - [2022](#) Avalon and Avalon Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Installation*
  - [2022 – 2024](#) Camry:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Installation*
  - [2022 – 2024](#) Camry Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Installation*
  - [2022](#) / [2023 – 2024](#) Corolla, Corolla Hatchback, and Corolla Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Installation*
  - [2023 – 2024](#) Crown:  
*Vehicle Interior – Heating / Air Conditioning – Front Blower Motor – Installation*
  - [2022](#) / [2023 – 2024](#) Highlander and Highlander Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Installation*
  - [2024](#) Grand Highlander:  
*Vehicle Interior – Heating / Air Conditioning – Front Blower Motor – Installation*

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### Repair Procedure (continued)

- [2022](#) Prius:  
*Vehicle Interior – Interior Panels / Trim – Lower Instrument Panel – Installation*
  - [2023 – 2024](#) Prius:  
*Vehicle Interior – Heating / Air Conditioning – Front Blower Motor – Installation*
  - [2022](#) Prius Prime:  
*Vehicle Interior – Interior Panels / Trim – Lower Instrument Panel – Installation*
  - [2023 – 2024](#) Prius Prime:  
*Vehicle Interior – Heating / Air Conditioning – Front Blower Motor – Installation*
  - [2022](#) / [2023 – 2024](#) RAV4 and RAV4 Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Installation*
  - [2022](#) / [2023 – 2024](#) RAV4 Prime:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Installation*
  - [2022](#) / [2023 – 2024](#) Venza Hybrid:  
*Vehicle Interior – Interior Panels / Trim – Instrument Panel Safety Pad – Installation*
5. Confirm that the high-pitched noise coming from the front HVAC blower motor while operating the air conditioner or heater has been reduced or eliminated.