



Technical Service Bulletin

GROUP

**DRIVESHAFT AND
AXLE**

NUMBER

24-DS-003G

DATE

AUGUST 2024

MODEL(S)

ALL

SUBJECT:

WHEEL BEARING NOISE INSPECTION & REPLACEMENT GUIDELINES

Description: This bulletin provides information to inspect and replace the front or rear wheel bearing hub assemblies for all Genesis vehicles. This procedure is applicable when noise (whirring, roaring, grinding, rumbling, etc.) is present which gets louder when driving with more speed.



Applicable Vehicles: All

NOTICE

To avoid any potential damage to Genesis EVs, Genesis EV repairs can only be performed by EV certified Genesis retailers.

SST Information:


Tool Name	Tool #	Figure	Remarks
Wired Chassis Ears	J-39570		Commercially available
Wireless Chassis Ears	J-48716		

Warranty Information:
NOTE 1: Normal warranty applies.

Parts Information:
Refer to the applicable vehicle’s parts catalog.

Service Procedure:

STUI



This TSB includes Repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

1. Confirm the noise with a test drive:
- NO noise—the service procedure is complete.

• Noise is present—proceed with the service procedure.

2. Attach chassis ears to the following locations:
 - The knuckle where the source of the noise is suspected.
 - The opposite side knuckle to compare the left and right wheel bearing condition.
 - Other areas of suspected noise sources to compare.

**Information**

Route the wires of the chassis ears away from moving components: CV shaft, suspension components, etc.

Secure the wires with cable ties or other adequate means, leaving enough slack for suspension and steering movement.



3. Perform a test drive with chassis ears to listen for noise:
 - If the noise is confirmed to be coming from the knuckle, **replace the wheel bearing hub assembly on the side consistent with the noise.** Refer to the applicable shop manual for replacement procedures.
 - If the noise is confirmed to be coming from another source, continue evaluating different sources of the noise until it is found, and repair as necessary.
4. After the repair, perform another test drive to confirm the noise is resolved.

5.

STUI

Using STUI, take a photo showing both the new and replaced wheel bearing assemblies with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.

