



## Technical Service Bulletin

<b>GROUP</b>	<b>NUMBER</b>
<b>BODY ELECTRICAL</b>	<b>25-BE-015G</b>
<b>DATE</b>	<b>MODEL(S)</b>
<b>JUNE 2025</b>	<b>GV80 (JX1)</b>

**SUBJECT:** MULTIFUNCTION SWITCH INSPECTION AND REPLACEMENT

**Description:** Some GV80 (JX1) vehicles may exhibit a rubbing/dragging noise when rotating the steering wheel due to a misaligned clock spring. Airbag operation is not affected. Follow the procedure in this TSB to inspect and, if necessary, replace the multifunction switch.

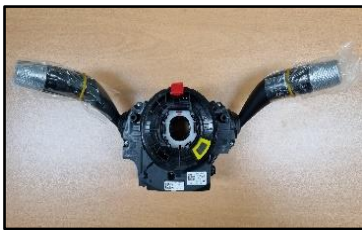

### Applicable Vehicles:

- 2021-2025MY GV80 (JX1) models equipped with 2.5T and 3.5T engines and produced from 07/27/2020 – 01/17/2025
- 2025MY GV80 Coupe (JX1) models equipped with 3.5T engines and produced from 04/01/2024 – 01/16/2025
- 2025MY GV80 Coupe (JX1) models equipped with 3.5T e-Supercharger engines and produced from 06/03/2024 – 01/16/2025

### NOTICE

A Prior Approval (PA) is **NOT** required for this repair, regardless if the affected part is outside of the New Vehicle Limited Warranty (5 years/60,000 miles).

### Parts Information:

Model	Part Name	Part Number	Figure	Remarks
GV80 (JX1)	Multifunction Switch Assembly	934D2-T65504XQQH		GV80 (JX1)
		934D2-T65804XQQH		
		934D2-T65514XQQH		
		934D2-T65814XQQH		
		934B2-T65814XQQH		
	Bolt	56115-B1000		<b>QTY: 1</b> Steering Wheel Lock Bolt  Must use a new bolt during steering wheel re-installation.

**NOTE 1:** For multifunction switch part ordering: Look up the applicable OE part number in the Electronic Parts Catalog (EPC) per VIN; part to order is OE part number + 'QQH' (example: If OE part for VIN is 934D2-T65504X, order 934D2-T65504XQQH).

**NOTE 2:** Multifunction switch includes clock spring assembled with it.

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
GV80 Coupe (JX1) 3.5T & 3.5T E-Supercharger	50D071R1	Multifunction Switch Inspection and Replacement (P/N 934B2-T65814XQQH)	0.4 M/H	934B2- T65814X	B31	ZZ1
GV80 (JX1) 2.5T & 3.5T	50D071R2	Multifunction Switch Inspection and Replacement (P/N 934D2-T65504XQQH)	0.4 M/H	934D2- T65504X		
	50D071R3	Multifunction Switch Inspection and Replacement (P/N 934D2-T65804XQQH)	0.4 M/H	934D2- T65804X		
	50D071R4	Multifunction Switch Inspection and Replacement (P/N 934D2-T65514XQQH)	0.4 M/H	934D2- T65514X		
	50D071R5	Multifunction Switch Inspection and Replacement (P/N 934D2-T65814XQQH)	0.4 M/H	934D2- T65814X		

**NOTE 1:** Submit claim on Claim Entry Screen as “Campaign” type.

**NOTE 2:** If a part is found in need of replacement while performing this TSB and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

**NOTE 3:** This TSB includes repair justification photos. Op times include VIN, Mileage, and repair justification photo(s) as outlined in the Digital Documentation Policy.

**NOTE 4:** The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. Claim is subject to debit if the part is not returned.

**NOTE 5:** A Prior Approval (PA) is not required for this repair.

**Service Procedure:****DIGITAL DOCUMENTATION**

This TSB includes repair justification photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

**NOTICE**

Applying the recommended torque to all fasteners is essential to reduce potential issues from occurring after the service procedure.

Non-reusable fasteners are required to be replaced during the replacement procedure.

If the multifunction switch requires replacement, then the steering angle sensor will require recalibration using the GDS.

**Noise Check**

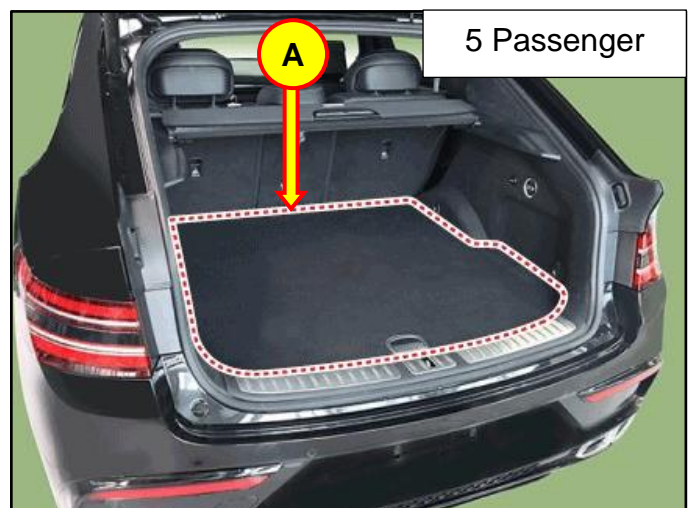
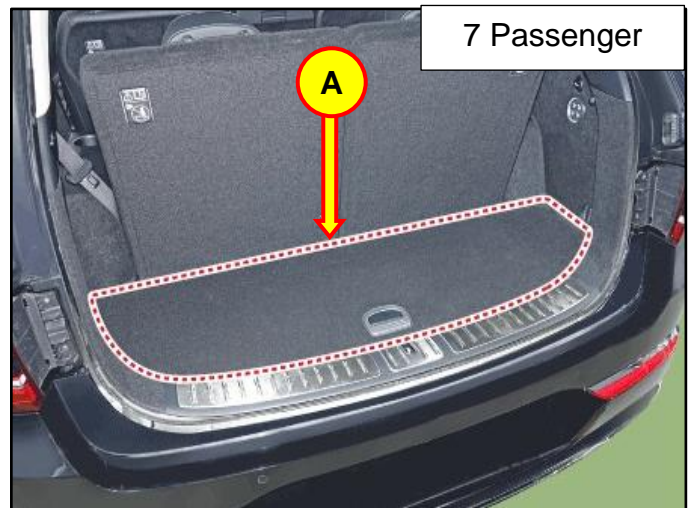
1. Turn the engine **ON** and rotate the steering wheel left and right to listen for dragging/rubbing noise.

Refer to the video below for inspection of the steering wheel noise:

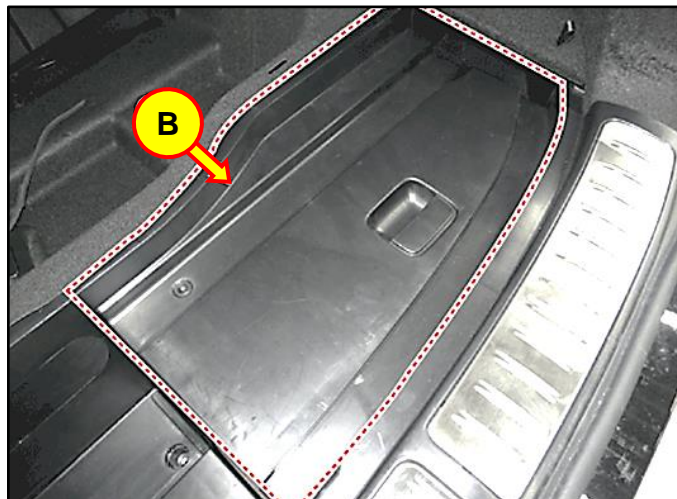
- <https://youtube.com/shorts/zXbkulwDV3w>
- If the noise is like that of the video, then proceed to the **Multifunction Switch Replacement** procedure.
- If the noise is **NOT** like the audio presented in the video, this TSB does **NOT** apply. Follow normal diagnostic procedure referencing service information.

**Multifunction Switch Replacement**

1. Center the steering wheel.
2. Turn the ignition **OFF** and wait **30 seconds** before proceeding further.
3. Remove the luggage mat (A).



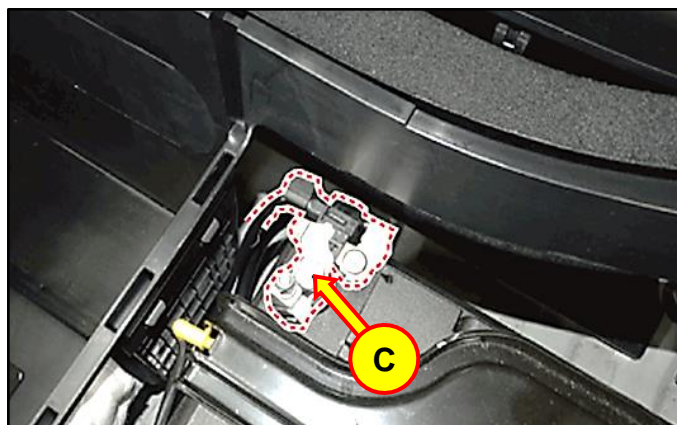
4. Remove the battery service cover (B).



5. Disconnect the negative (-) battery terminal (C).

**Tightening Torque:**

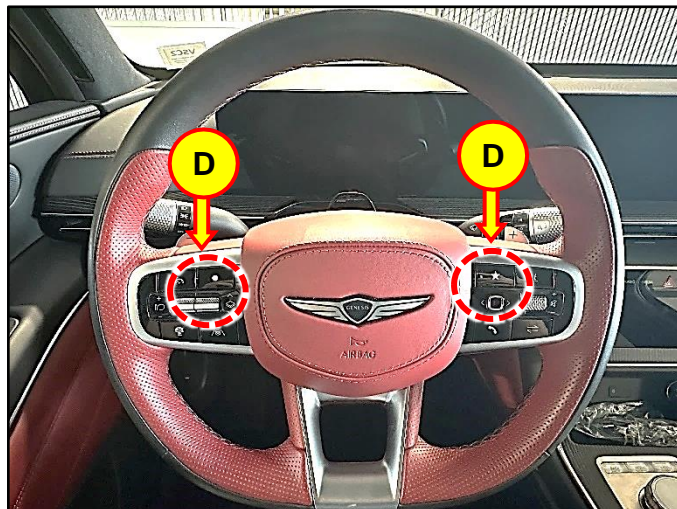
lb-ft	3.6
lb-in	44
N.m	4.9



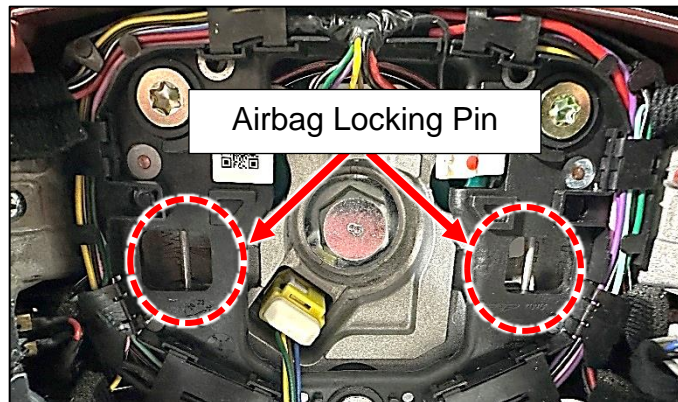
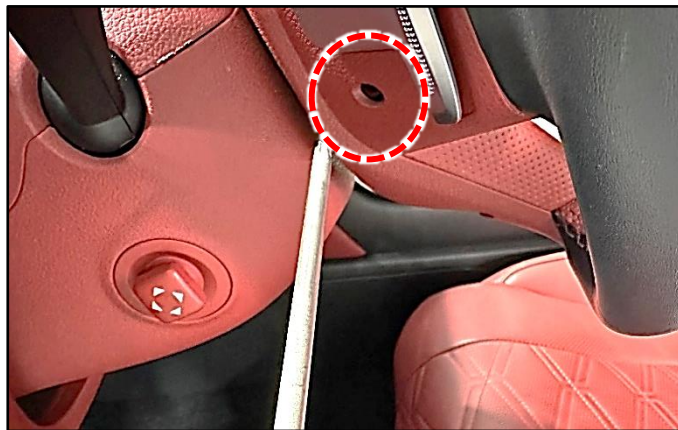
6. Use a long, small flathead (minimum 6 inches), Torx, or Allen wrench tool to remove the Driver Airbag (DAB) by pressing the left and right locking pins (D) inward.

**NOTICE**

The two access holes for the airbag locking pin are located behind the steering wheel controls.



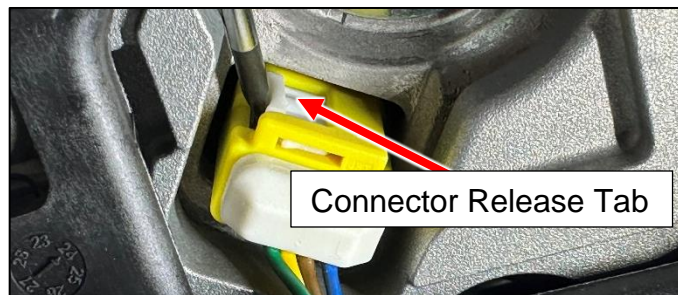
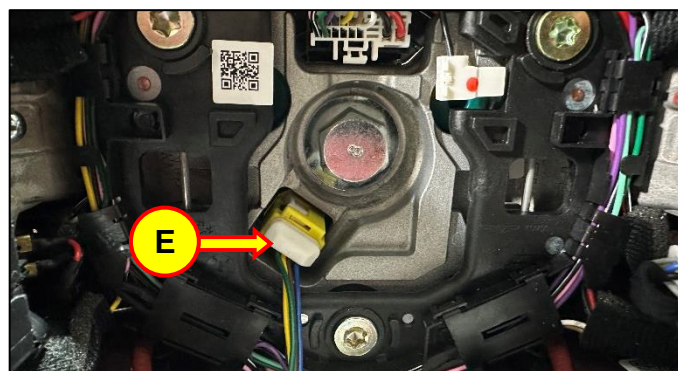
7. Insert the tool at a slight outward angle towards the steering wheel to push the airbag locking pin.



8. Disconnect the connector (E) from the Driver Airbag (DAB) module.

**NOTICE**

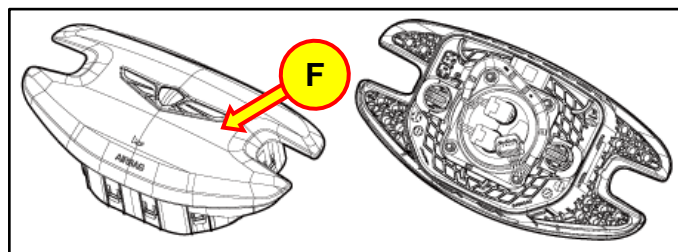
To disconnect the DAB connector, use a small flathead screwdriver and press the white release tab inward.



9. Remove the DAB module and place it on a table with the cover side facing upward (F).

**CAUTION**

Do **NOT** place the DAB module on the floor. Place the DAB in a safe location.



10. Remove and discard the steering wheel mounting bolt.

Mark the steering wheel position to the steering shaft, then remove it.

#### Tightening Torque:

lb-ft

35

N.m

47

#### **i** Information

Before removing the steering wheel, use a marker to mark the alignment between the steering wheel and the steering shaft spline to ensure proper reinstallation (G).

#### NOTICE

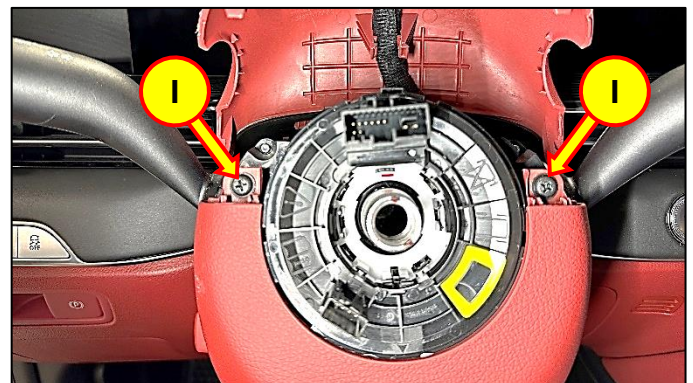
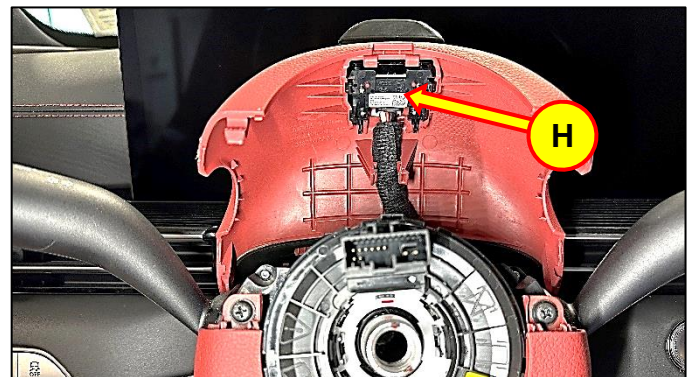
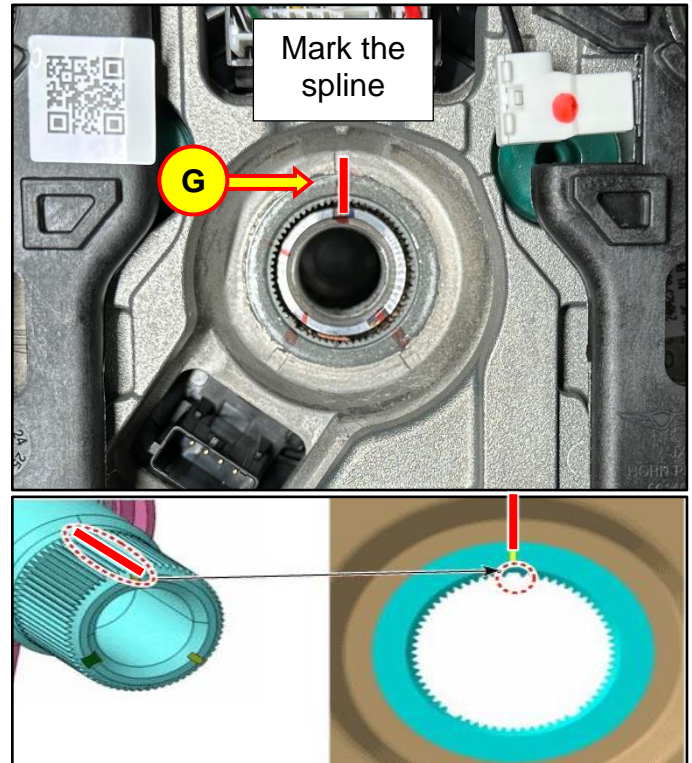
To prevent parts damage, do **NOT** use a hammer to remove the steering wheel.

Do **NOT** reuse the steering wheel mounting bolt.

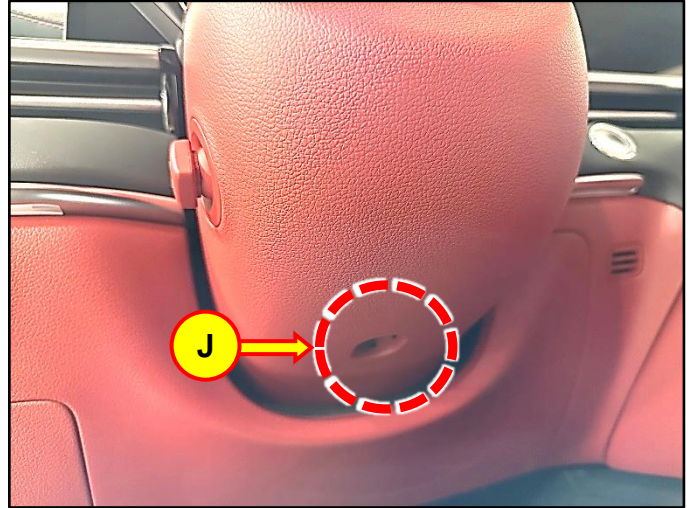
11. Use a small trim removal tool and gently push the upper shroud upward.

Disconnect the in-cabin camera connector (H) from the steering column shroud upper panel.

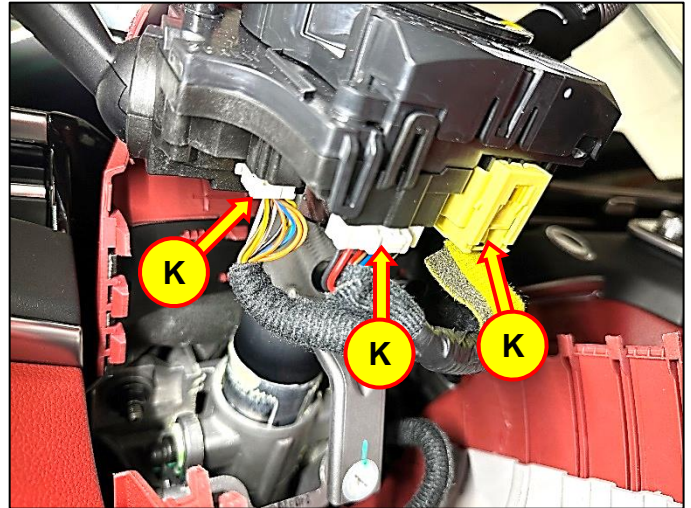
12. Remove the screws (I) from both sides of the shroud lower panel.



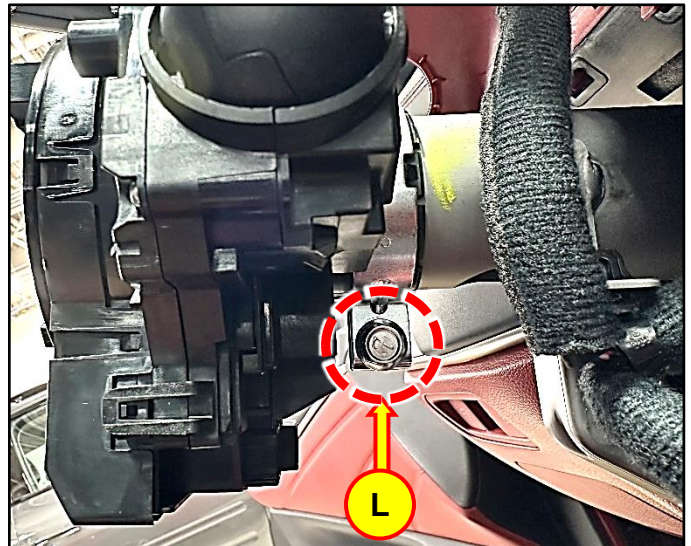
13. Remove the screw (J) from the shroud lower panel.



14. Disconnect the 3 connectors (K) from the multifunction switch.



15. Loosen the multifunction switch clamp screw (L) then remove the multifunction switch by pulling it outward.

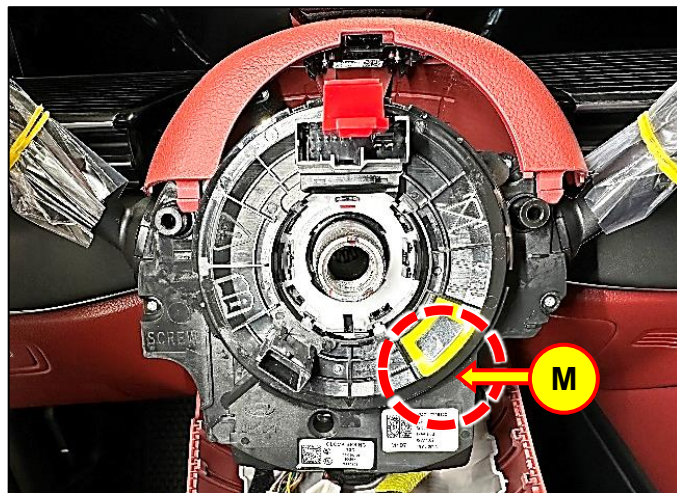


16. Insert the new clock spring and multifunction switch.

Ensure the ribbon cable (M) of the clock spring is positioned in the middle of the viewing window.

### NOTICE

Do **NOT** remove the red clock spring locking tab as it will keep it in the correct position.



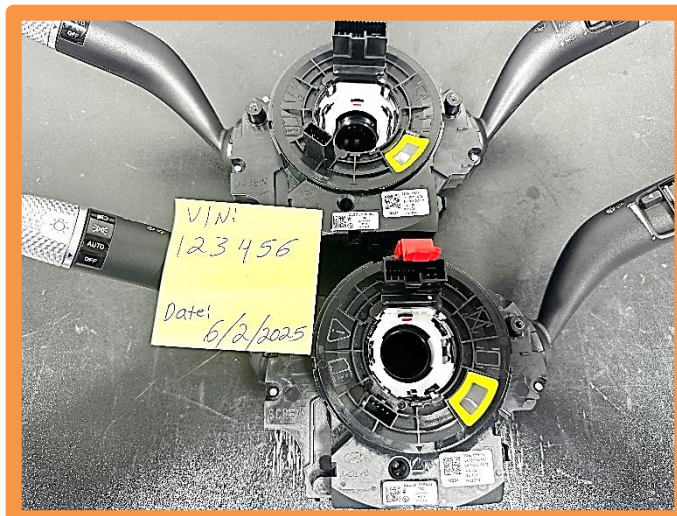
- 17.

### DIGITAL DOCUMENTATION



Using STUI, take a photo of the new and old multifunction switch and clock spring next to each other with the last 6 digits of the VIN and the date of repair on a piece of paper.

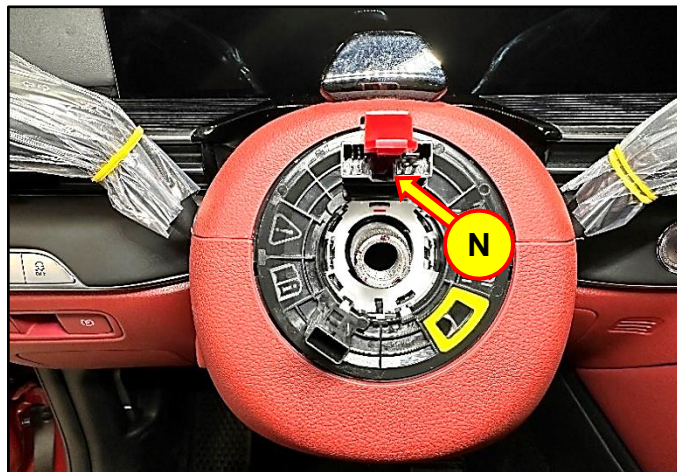
Upload the photo to STUI.



18. Install the upper and lower steering shroud and then remove the red clock spring locking tab (N).

### NOTICE

Ensure the connector to the in-cabin camera is connected properly. Ensure a click sound is heard when connected. If the in-cabin camera is **NOT** properly connected, many ADAS warning lights will appear on the instrument cluster.



19. Reinstall all parts in the reverse order of the removal process.

### NOTICE

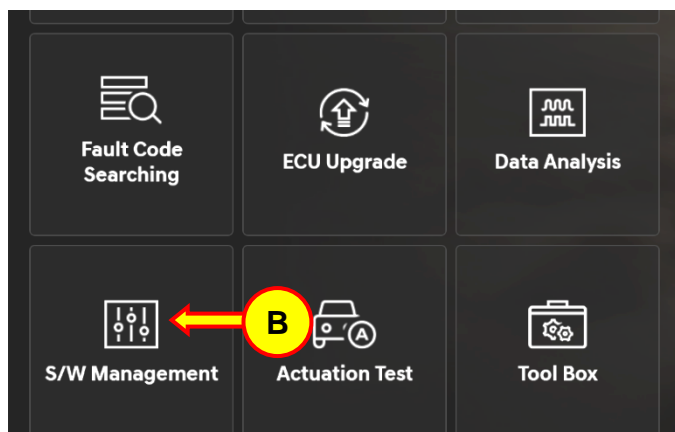
Use a new steering wheel mounting bolt.

## GDS Steering Angle Sensor Calibration and DTC Clearing

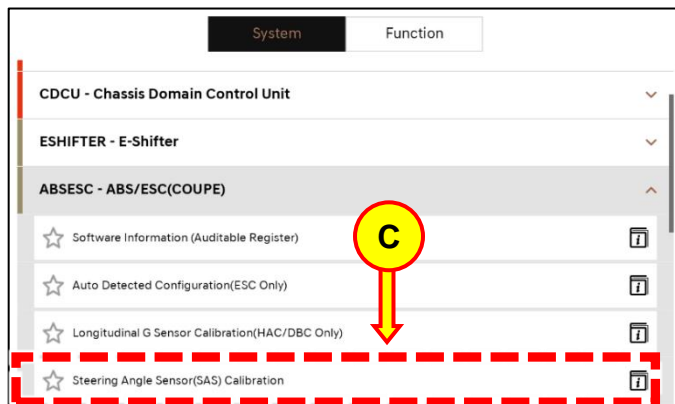
1. Straighten the steering wheel to ensure it is centered (A).



2. Connect the GDS then select **S/W Management** (B).



3. Select **ABSESC – ABS/ESC** then select **Steering Angle Sensor(SAS) Calibration** (C).



4. Follow the instructions on the GDS to perform the **Steering Angle Sensor (SAS) Calibration**.
5. Perform DTC scan and delete all DTCs.
6. Confirm all related functions of the multifunction switch and horn are operating normally. Ensure **NO** warning lights or messages are displayed after repairs.
7. The service procedure is now complete.