



HYUNDAI Technical Service Bulletin

GROUP RECALL	NUMBER 26-01-045H
DATE MAY 2026	MODEL(S) SEE BELOW

SUBJECT: AIRBAG SIDE IMPACT SENSORS (SIS) ID INSPECTION & REPLACEMENT (RECALL 299)

*** IMPORTANT**

Vehicle repairs related to safety recalls are critically important and must be performed properly in accordance with TSB procedures. Review this bulletin in its entirety prior to beginning any repair work.

As required by federal law, dealers must not deliver new vehicles for sale or for lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used vehicles, demo, and rental vehicles prior to placing them into customer use and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the “Vehicle Information” screen via WebDCS to identify open recalls.

Description: Certain Elantra (CN7), Elantra N (CN7 N), Tucson Hybrid (NX4 HEV), and Tucson Plug-in Hybrid (NX4 PHEV) vehicles may be equipped with mis-assembled side impact sensors (SIS). Side impact sensors that do not meet the intended specification can affect air bag deployment timing during certain crash scenarios. Deployment outside the intended time window during a crash can increase the risk of injury to vehicle occupants.

This bulletin provides instructions to check the left and right SIS IDs and replace the SIS if necessary.

Applicable Vehicles (Certain):

Model Year	Model	Production Dates
2025	Elantra N (CN7 N)	08/27/2025
2026	Elantra (CN7)	09/02/2025 – 10/15/2025
	Tucson Hybrid (NX4 HEV)	08/30/2025 - 10/18/2025
	Tucson Plug-in Hybrid (NX4 PHEV)	09/01/2025 - 10/27/2025

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Parts Information:

Model	Part Name	Part Number	Figure	Remarks
Elantra (CN7) Elantra N (CN7 N) Tucson Hybrid (NX4 HEV) Tucson Plug-In Hybrid (NX4 PHEV)	Sensor Assy-A Type Crash	95920-AA150		ONLY order if a target Sensor ID is confirmed on a vehicle being serviced. Digital Documentation uploaded to STUI required for parts order release. Refer to Parts Bulletin for further details

SST Information:

Tool Name	Tool Number	Figure	Ordering Information
VCI 3	G0VHNNN06		Website: https://hyundaiesentialtools.com/ Email: Hyundaitools@snapon.com Phone: 1-855-763-9199 Hours: 7 AM – 7 PM CST
VCI 2	G1XDDMN001		

NOTE: VCI 2 can **NO** longer be ordered but can be used for this TSB.

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Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
All	61D118R0	Airbag Side Impact Sensors (SIS) ID Check	0.3 M/H	95920-AA150	B1B	ZZ7
Elantra (CN7)	61D118R1	Airbag Side Impact Sensor (SIS) ID Check, and SIS Replacement (ONLY LH or RH)	0.6 M/H			
Elantra N (CN7 N)	61D118R2	Airbag Side Impact Sensor (SIS) ID Check, and SIS Replacement (BOTH LH and RH)	0.7 M/H			
Tucson Hybrid (NX4 HEV)	61D118R3	Airbag Side Impact Sensor (SIS) ID Check, and SIS Replacement (ONLY LH or RH)	0.6 M/H			
Tucson Plug-In Hybrid (NX4 PHEV)	61D118R4	Airbag Side Impact Sensor (SIS) ID Check, and SIS Replacement (BOTH LH and RH)	0.8 M/H			

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

NOTE 2: If any part(s) not subject to this TSB are found in need of replacement while performing the repair procedure, and the affected part(s) are still under warranty, the dealer may submit a separate claim using the same repair order. If the part(s) not subject to this TSB are out of warranty coverage, the dealer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

NOTE 3: This TSB includes repair validation photos. Op times include VIN, mileage, and repair validation 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.**

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SIS Replacement Target ID:

Model Code	Sensor ID	Remarks
Elantra (CN7) Elantra N (CN7 N) Tucson Hybrid (NX4 HEV) Tucson Plug-In Hybrid (NX4 PHEV)	B6E1AC298A74	If the sensor ID on this table matches with the Left or Right Side Impact Sensor from the vehicle, then replace the Side Impact Sensor(s).
	BAE1AC292671	
	BEE588043E5B	
	BEE588044273	
	BEE58804C42F	
	BEE58804CA67	
	BEE58804DE9D	
	BEE58804E27D	
	BEE58804E284	
	BEE58804E295	
	BEE58804E29A	
	BEE58804E2A0	
	BEE58804E2A3	
	BEE58804E6A4	
	BEE58804E6B2	
	BEE58804E8AC	
	C8E58804D281	
C8E58804D296		
C8E58804D457		
C8E58804D46D		

Service Procedure:

DIGITAL DOCUMENTATION



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

NOTICE

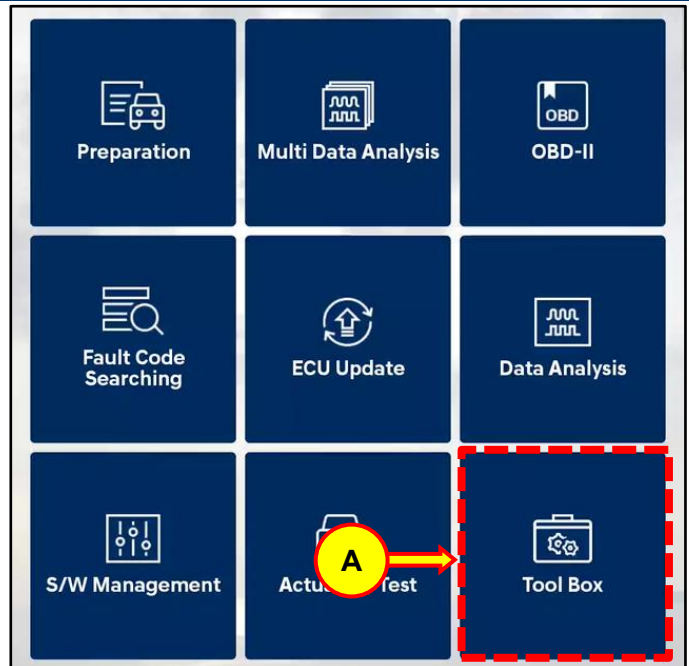
Applying the recommended torque to all fasteners is essential to reduce potential issues from occurring after the service procedure.

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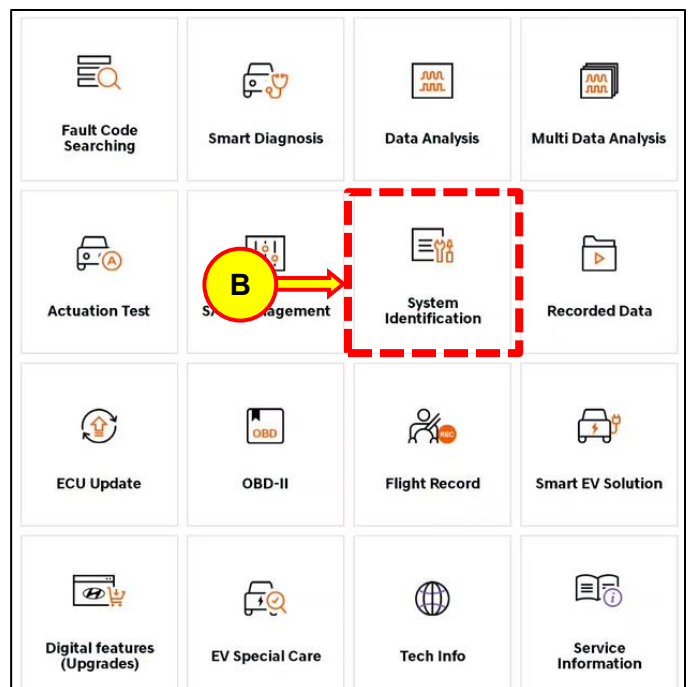
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Airbag SIS ID Check

1. Connect the GDS and then select **Tool Box (A)**.



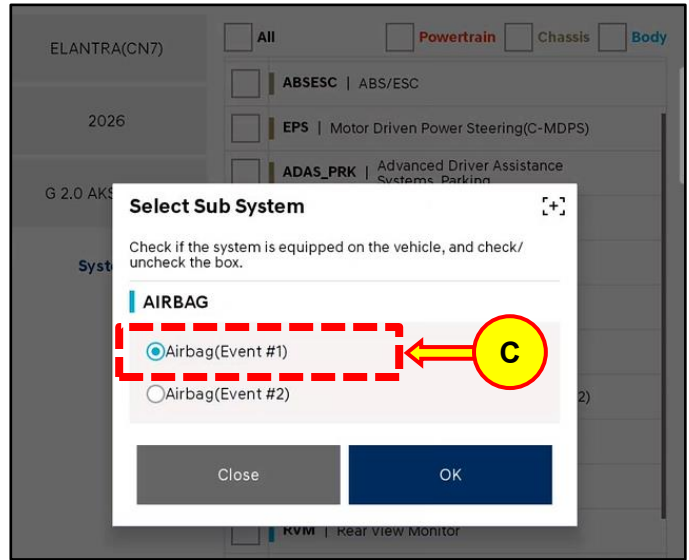
2. Select **System Identification (B)**.



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3. Select **AIRBAG**.

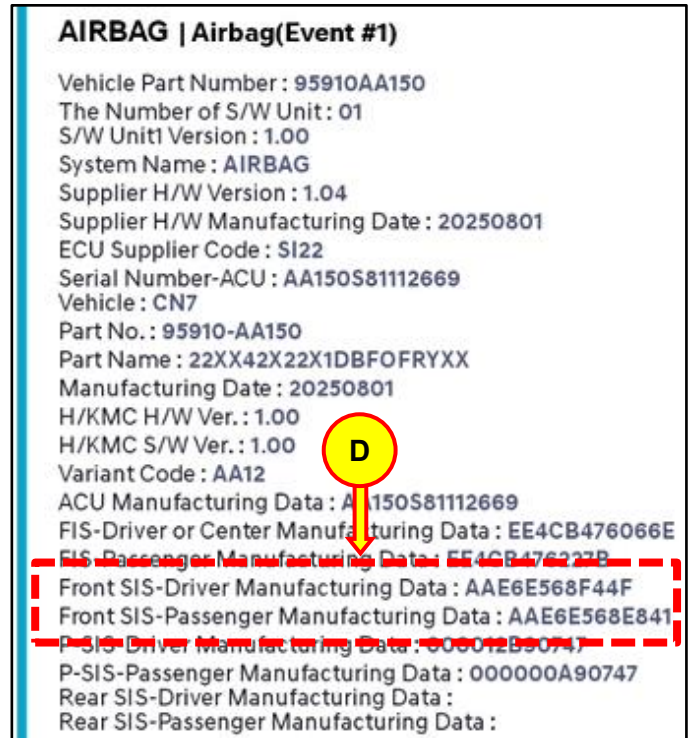
Then select sub system
Airbag(Event #1) (C).



4. Check the ID of the Side Impact Sensor (SIS)
Front SIS-Driver Manufacturing Data and
Front SIS-Passenger Manufacturing Data (D).

Determine if the Sensor ID matches the replacement target ID by referring to the [SIS Replacement Target ID](#) table on **page 4**:

- **PASS:** If the Sensor ID does **NOT** match any of the replacement target IDs, then proceed to **step 5**.
- **FAIL:** If the Sensor ID matches any of the replacement target IDs, then proceed to **step 5** and the [Airbag SIS Replacement](#) section.



NOTICE

If the side impact sensor requires replacement, then **two** screenshots will be required; **one before** and **one after** SIS replacement.

5.

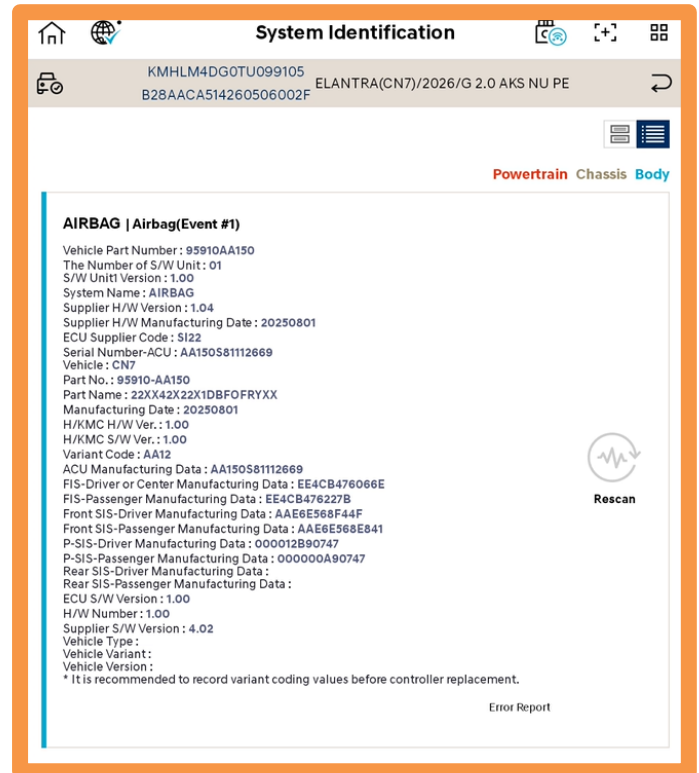
**DIGITAL
DOCUMENTATION**



Using the tablet or GDS screen capture function, take a screenshot of the Airbag System Identification screen listing the sensor ID number sequence.

Upload the photo to STUI.

NOTE: The VIN / Date / Time/ Mileage photo imprint is **NOT** required for GDS screenshots.



6. If the sensor ID **matched** any of the replacement target IDs on **page 4**, proceed to the [Airbag SIS Replacement](#) section.

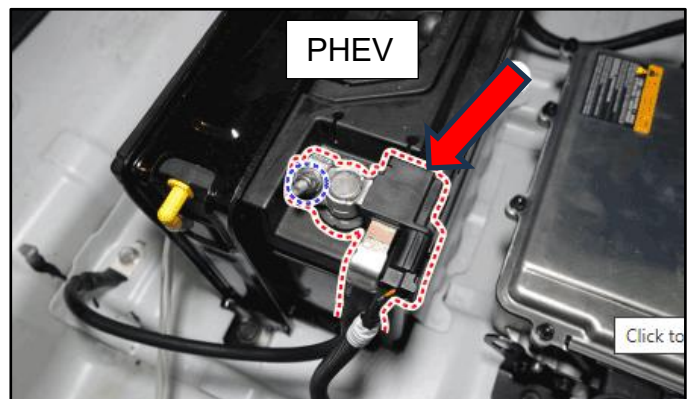
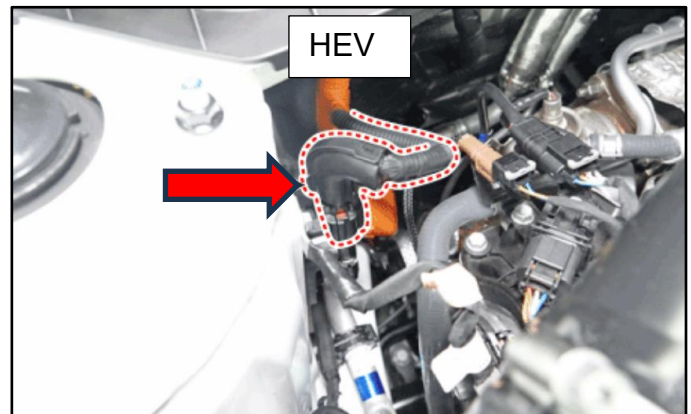
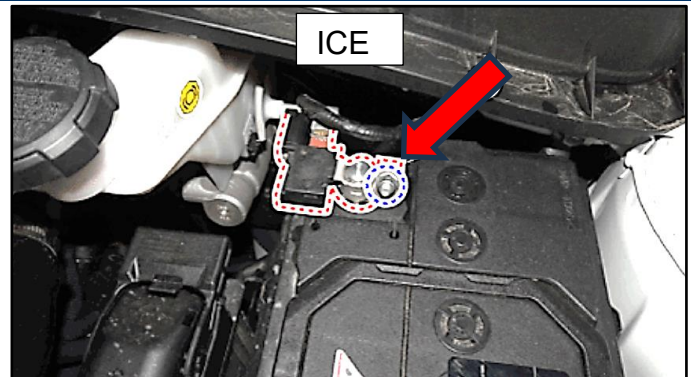
If the sensor ID **did not match** any of the replacement target IDs on **page 4**, the service procedure is now complete.

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Airbag SIS Replacement

1. Disconnect the **12V** battery.

Model	Remove Part	Location
CN7, CN7 N (ICE)	- Terminal	Engine bay
NX4 HEV	+ Connector	Upper engine bay Near the passenger strut mount
NX4 PHEV	- Terminal	Tailgate area Underneath the luggage mat



Tightening Torque:

lb-ft	6.5
lb-in	78
N.m	8.8

***i* Information**

After disconnecting the **12V** battery, wait at least **3 minutes** before continuing the service procedure.

2. Remove the side impact sensor by referring to the shop manual:

- **Restraint > SRSCM > Side Impact Sensor (SIS) > Repair Procedures**

NOTICE

Use a plastic trim tool to prevent damage. Damage to the center pillar could reduce the durability of the SIS.

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3. Install the new side impact sensor (A) in the reverse order of the removal process, then reconnect the **12V** battery.

Side Impact Sensor Bolt Tightening Torque:

lb-ft	8.7
lb-in	104
N.m	12



- 4.

DIGITAL DOCUMENTATION



Using the tablet or GDS screen capture function, take a screenshot of the Airbag System Identification screen listing the new sensor's ID number sequence.

Upload the photo to STUI.

NOTE: The VIN / Date / Time/ Mileage photo imprint is NOT required for GDS screenshots.

System Identification

KMHLM4DG0TU099105 ELANTRA(CN7)/2026/G 2.0 AKS NU PE
B28AAC4514260506002F

Powertrain Chassis Body

AIRBAG | Airbag(Event #1)

Vehicle Part Number: 95910AA150
The Number of S/W Unit: 01
S/W Unit1 Version: 1.00
System Name: AIRBAG
Supplier H/W Version: 1.04
Supplier H/W Manufacturing Date: 20250801
ECU Supplier Code: S122
Serial Number-ACU: AA150S8112669
Vehicle: CN7
Part No.: 95910-AA150
Part Name: 22X42X22X1DBFDFRYXX
Manufacturing Date: 20250801
H/KMC H/W Ver.: 1.00
H/KMC S/W Ver.: 1.00
Variant Code: AA12
ACU Manufacturing Data: AA150S8112669
FIS-Driver or Center Manufacturing Data: EE4CB476066E
FIS-Passenger Manufacturing Data: EE4CB476227B
Front SIS-Driver Manufacturing Data: AAEE568F44F
Front SIS-Passenger Manufacturing Data: AAEE568E841
P-SIS-Driver Manufacturing Data: 000012B90747
P-SIS-Passenger Manufacturing Data: 000000A90747
Rear SIS-Driver Manufacturing Data:
Rear SIS-Passenger Manufacturing Data:
ECU S/W Version: 1.00
H/W Number: 1.00
Supplier S/W Version: 4.02
Vehicle Type:
Vehicle Variant:
Vehicle Version:
* It is recommended to record variant coding values before controller replacement.

Rescan

Error Report

5. Confirm the proper operation of the vehicle and that no warning lights are present on the instrument cluster.
6. The service procedure is now complete.