

 HYUNDAI Technical Service Bulletin	GROUP CAMPAIGN	NUMBER 24-01-093H
	DATE DECEMBER 2024	MODEL(S) SONATA (DN8) SONATA HYBRID (DN8 HEV)
SUBJECT: REAR CORNER RADAR TEMPERATURE CORRECTION (SERVICE CAMPAIGN TCM)		

★ IMPORTANT

Dealers must perform this service campaign on all affected vehicles prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.

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

Description: Certain Sonata (DN8) and Sonata Hybrid (DN8 HEV) vehicles may exhibit DTC C2A274B due to the rear corner radar missing the outside temperature input from the ADAS sensor. Follow the procedures in this bulletin to input the external temperature from the cluster and correct the rear corner radar temperature software using GDS.

- **DTC C2A274B:** ADAS Sensor Temperature out of Normal Range (not system failure)

Applicable Vehicles (Certain):

- 2025MY Sonata (DN8) produced from 08/13/2024-08/14/2024
- 2025MY Sonata Hybrid (DN8 HEV) produced from 08/13/2024-08/14/2024

Warranty Information:

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Sonata (DN8)	40D200R0	Rear Corner Radar External Temperature Input	0.3 M/H	99140-L1500	I14	ZZ3
Sonata Hybrid (DN8 HEV)						

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 campaign 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: Op times include VIN, Mileage, and photo capture of the GDS screen as outlined in the Digital Documentation Policy.

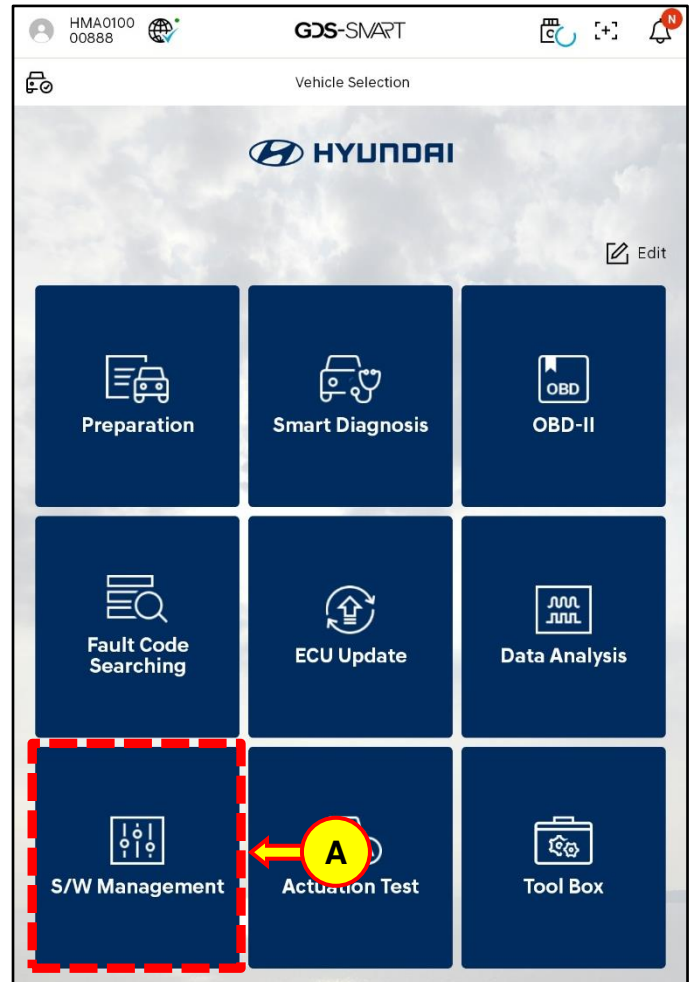
Service Procedure:

STUI

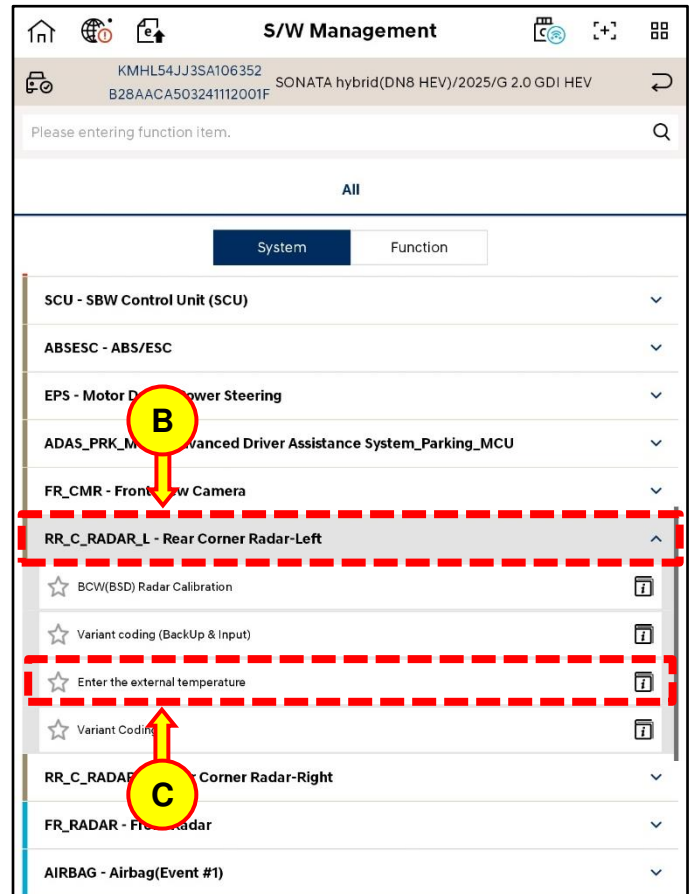


This TSB includes Repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

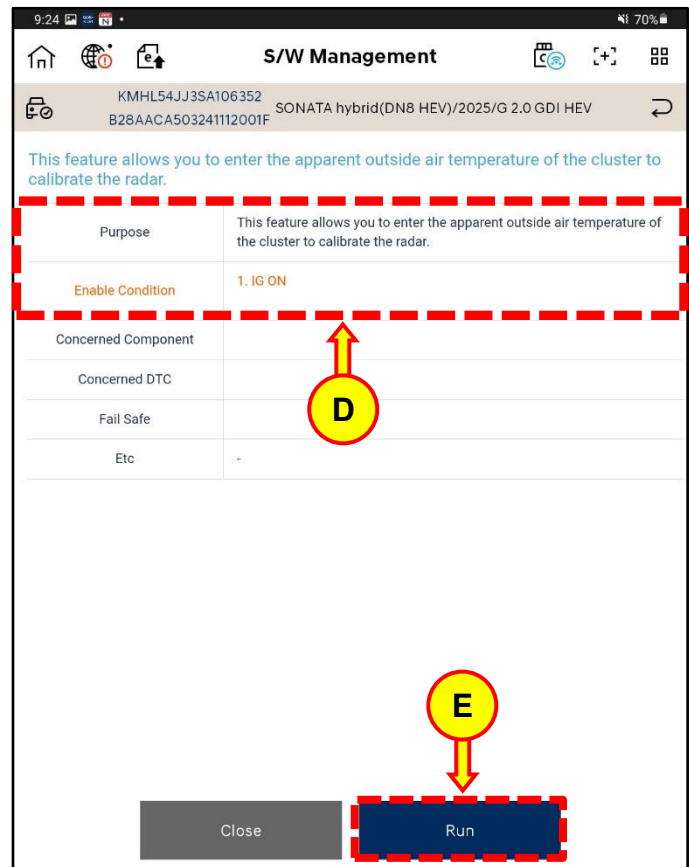
1. Connect GDS to the vehicle and select **S/W Management (A)** on the GDS-Smart home page.



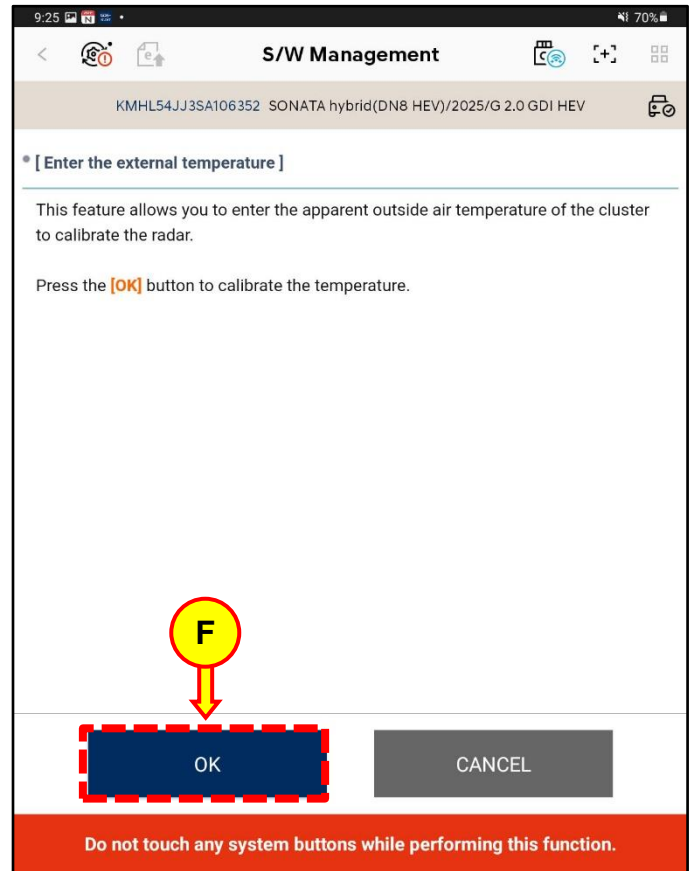
2. Select **RR_C_RADAR_L - Rear Corner Radar-Left** (B) then **Enter the external temperature** (C).



3. Turn **ON** the ignition, read the **Purpose**, verify the **Enable Condition** (D) on screen is met, and select **Run** (E).



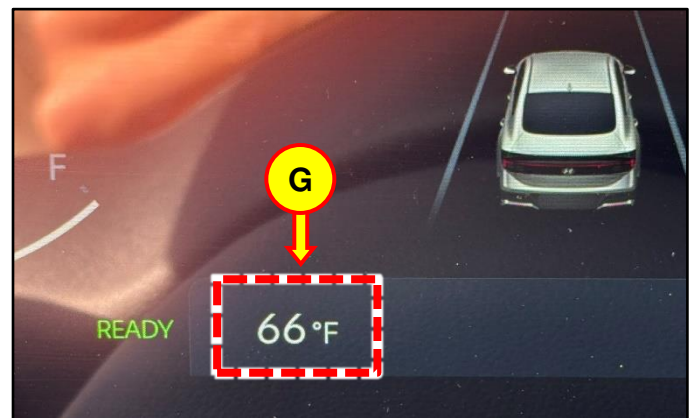
4. Read the inspection details on screen and select **OK** (F).



5. Check the outside **air temperature** (G) displayed on the vehicle cluster.

i Information

Temperature shown in (G) is an example that may not match the temperature seen on affected vehicle during servicing.



6. Enter the outside air temperature value from the cluster in the **external temperature** field (H) using the pop-up keypad (I) in GDS.

Select **OK** (J).

9:25 70%

S/W Management

KMHL54JJ3SA106352 SONATA hybrid(DN8 HEV)/2025/G 2.0 GDI HEV

* [Enter the external temperature]

Enter the outside air temperature of the cluster.

[Caution]
Check Fahrenheit (°F), Celsius (°C), and select the combo box.
Enter the correct outside temperature and press the [OK] button.

external temperature : 66 °F

1 2 3 4 5 6 7 8 9 0

Done

OK CANCEL

Do not touch any system buttons while performing this function.

7. Cycle the ignition **OFF** and **ON** again, then select **OK** (K).

S/W Management

KMHL54JJ3SA106352 SONATA hybrid(DN8 HEV)/2025/G 2.0 GDI HEV

* [Enter the external temperature]

Enter the outside air temperature of the cluster.

[Caution]
Check Fahrenheit (°F), Celsius (°C), and select the combo box.
Enter the correct outside temperature and press the [OK] button.

external temperature : 66 °F

Information

The function has been completed.

After IG OFF and IG ON.

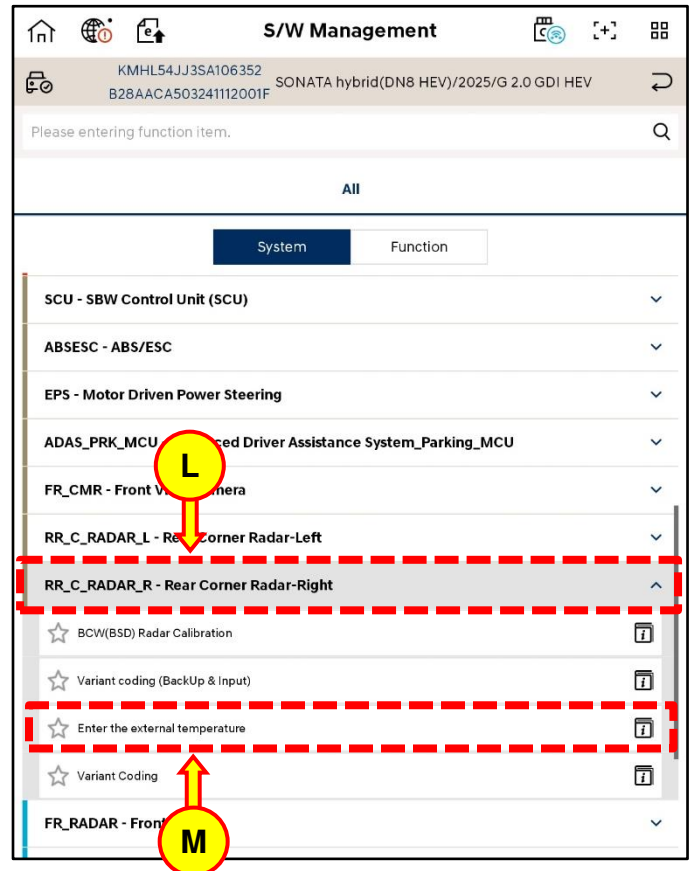
[OK] button: End optional function

OK

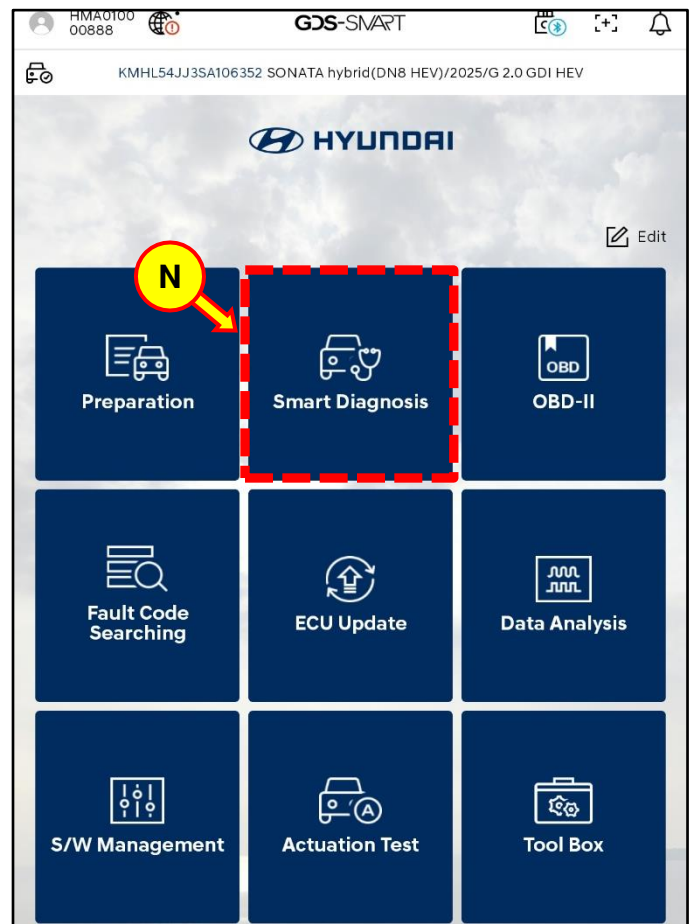
8. Return to the **S/W Management** main page.

Select **RR_C_RADAR_R - Rear Corner Radar-Right** (L) then **Enter the external temperature** (M).

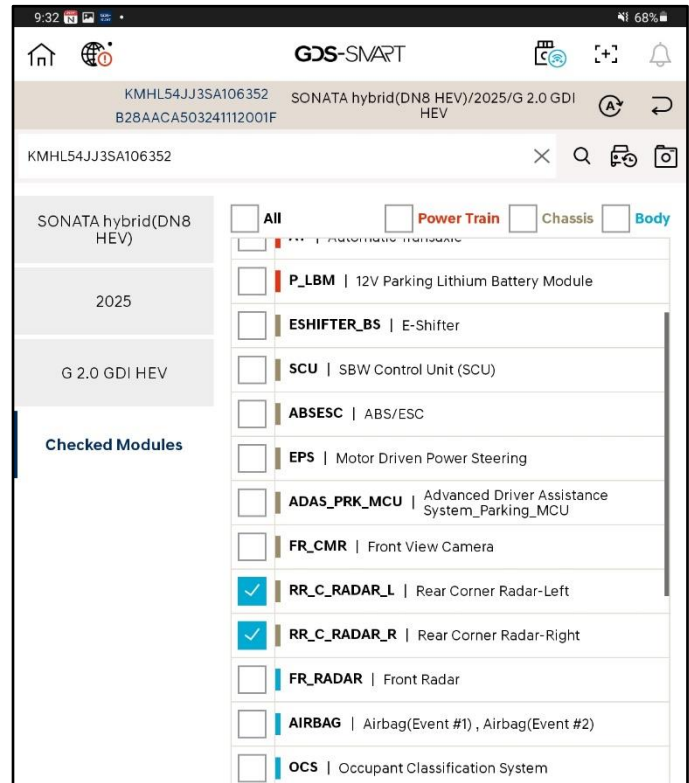
Repeat **steps 3 – 7** above.



9. On the GDS-Smart home screen, select **Smart Diagnosis** (N).

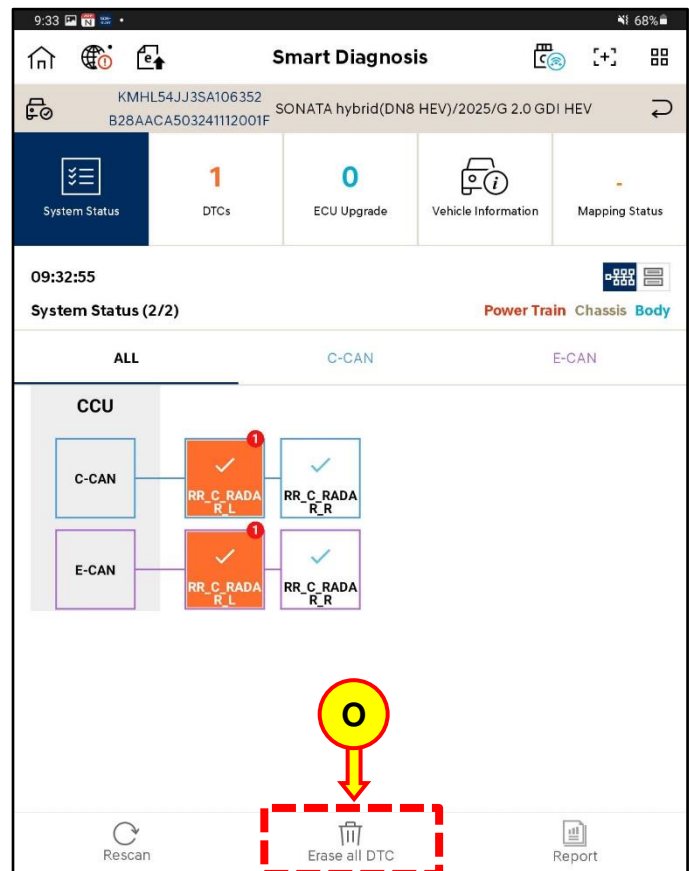


10. Perform a search for fault codes to verify all DTCs are cleared.



If any DTCs are found, select **Erase all DTC** (O) and perform another fault code check to verify they are now cleared.

Once all DTCs are verified to be cleared, proceed to step 11.

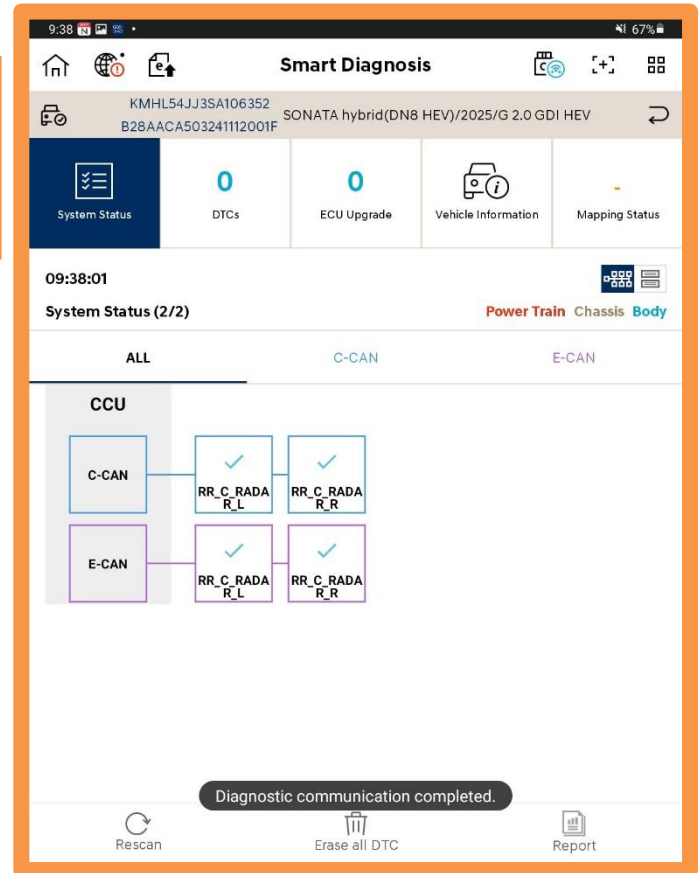


11.

STUI



Take a screenshot of DTC check results using your tablet and upload to STUI.



12. Start the engine or place in **READY** mode to confirm proper operation of the vehicle.
13. The service procedure is now complete.