

 **HYUNDAI**
Technical Service Bulletin

GROUP RECALL	NUMBER 25-01-002H
DATE JANUARY 2025	MODEL(S) SEE BELOW

SUBJECT: REAR BACKUP CAMERA INSPECTION/REPLACEMENT
(RECALL 271)

*** 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 2021-2022 Santa Fe, Santa Fe Hybrid, Santa Fe Plug-in Hybrid, Elantra, Elantra Hybrid, and Elantra N vehicles may have been produced with insufficient solder joints on the camera’s printed circuit board (“PCB”), which may worsen over time increasing the risk of camera failure during operation. As such, the affected vehicles fail to comply with the requirements set forth in Federal Motor Vehicle Safety Standard No. 111, “Rear Visibility.” Obstruction of the rear-view image during operation reduces rearward visibility and increases the risk of a crash or injury to bystanders. This bulletin provides instructions to inspect and replace the rear backup camera when applicable.






Applicable Vehicles (Certain):

- 2021-2022MY Elantra (CN7) produced from 9/12/2020 – 2/15/2022
- 2021-2022MY Elantra (CN7A) produced from 9/25/2020 – 5/16/2022
- 2022MY Elantra N (CN7 N) produced from 9/15/2021 – 2/07/2022
- 2021-2022MY Elantra Hybrid (CN7 HEV) produced from 12/23/2020 – 2/14/2022
- 2021-2022MY Santa Fe (TMA) produced from 10/30/2020 – 3/09/2022
- 2021-2022MY Santa Fe Hybrid (TM HEV) produced from 12/18/2020 – 3/10/2022
- 2022MY Santa Fe Plug-in Hybrid (TM PHEV) produced from 5/13/2021 – 3/10/2022

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

SUBJECT: REAR BACKUP CAMERA INSPECTION/REPLACEMENT (RECALL 271)

Parts Information:

Model	Part Name	Old Part Number	New Part Number	Figure/Note
Elantra (CN7) Elantra (CN7A) Elantra N (CN7 N) Elantra Hybrid (CN7 HEV)	Rear Backup Camera	99240-AA200 99240-AA000	99240-AA210QQH	
	Double-Sided Acrylic Foam Tape	Sourced by Dealer - Commercially Available Brand: 3M Description: VHB Double-Sided Tape Model: 5952 S-11933 Tape Roll Spec: 45 MIL, .045" Thick, 1" Width, 36 yds. Length		Qty: 2 8" double-sided tape per vehicle 
Santa Fe (TMA) Santa Fe Hybrid (TM HEV) Santa Fe Plug-in Hybrid (TM PHEV)	Rear Backup Camera	99240-S1500	99240-S1510QQH	

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Elantra (CN7) Elantra (CN7A) Elantra N (CN7 N) Elantra Hybrid (CN7 HEV)	41D234R1	Rear Backup Camera Inspection	0.2 M/H	99240-AA200	M13	ZZ7
	41D234R3	Rear Backup Camera Inspection and Replacement	0.5 M/H			
Santa Fe (TMA) Santa Fe Hybrid (TM HEV) Santa Fe Plug-in Hybrid (TM PHEV)	41D234R0	Rear Backup Camera Inspection	0.3 M/H	99240-S1500		
	41D234R2	Rear Backup Camera Inspection and Replacement	0.4 M/H			

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 recall 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 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.**

NOTE 5: Op Code 41D234R3 provides reimbursement of \$3.50 in sublet for use of double-sided tape.

Service Procedure:

STUI



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

i Information

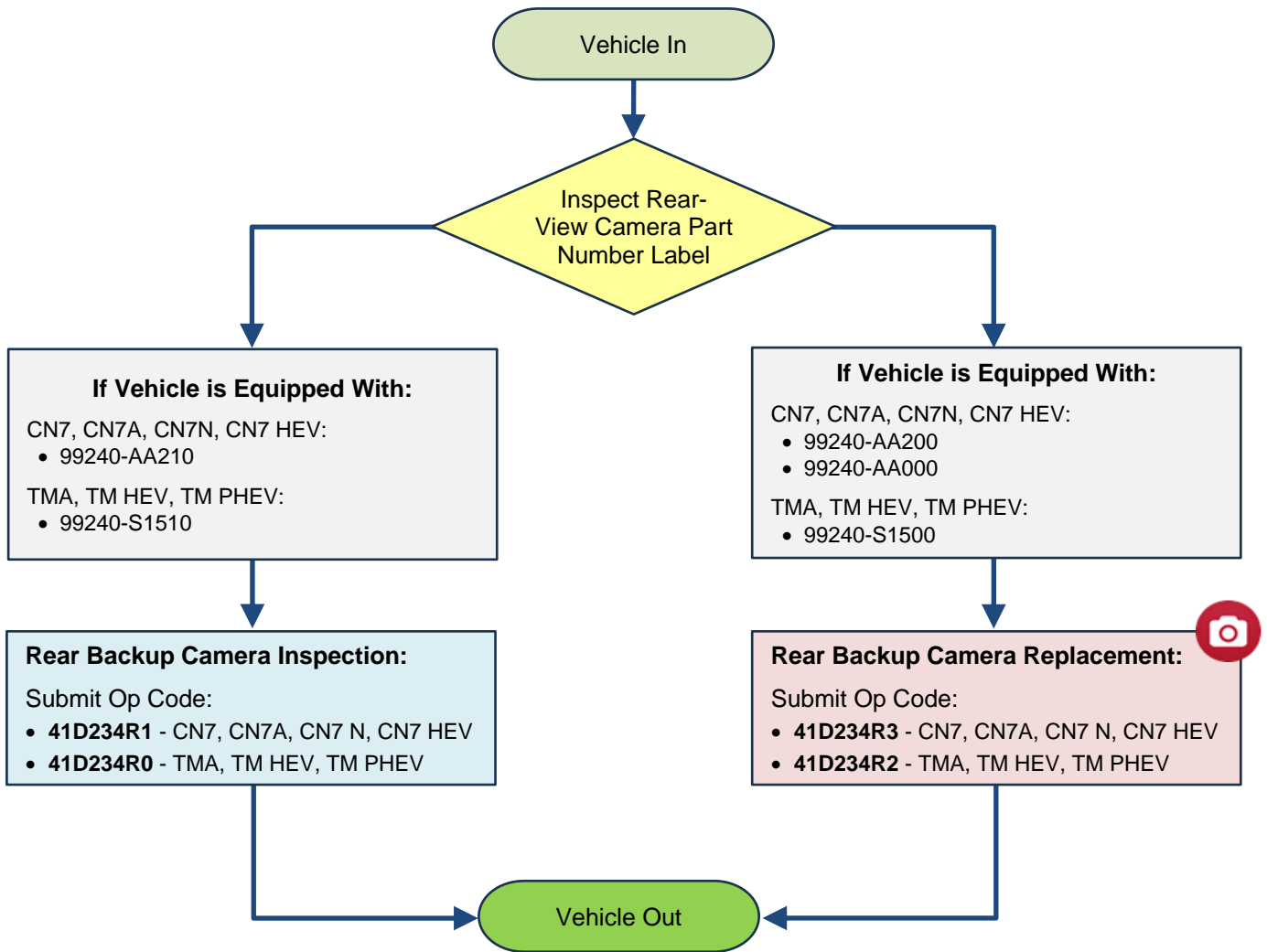
Refer to the QR code or link below for guided video information:
[REAR BACKUP CAMERA REPLACEMENT \(RECALL 271\)](#)



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Service Procedure Flowchart



Rear Backup Camera Inspection for CN7, CN7A, CN7 N, CN7 HEV

1. Open the trunk and then remove the mounting clips then the trunk lid trim (A).

CAUTION

Wear proper gloves to prevent hand injuries.

NOTICE

Use a plastic trim removal tool to prevent damage to the trim.



2. Locate the rear-view camera and inspect the rear-view camera part number tag:

Replace the rear-view camera if the part number is:

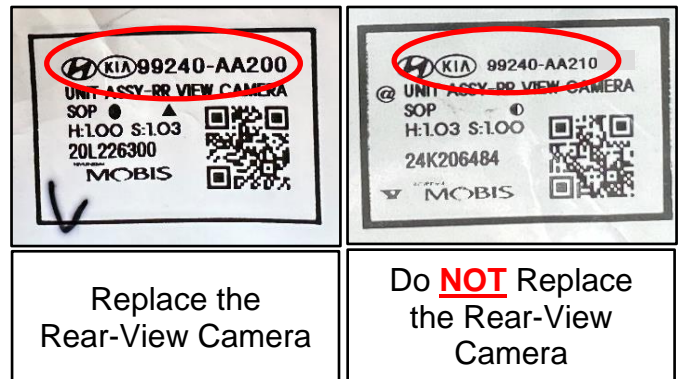
- 99240-AA200
- 99240-AA000

Proceed to rear-view camera replacement section on page 5.

Do NOT replace the rear-view camera if the part number is:

- 99240-AA210

Proceed to the next step.



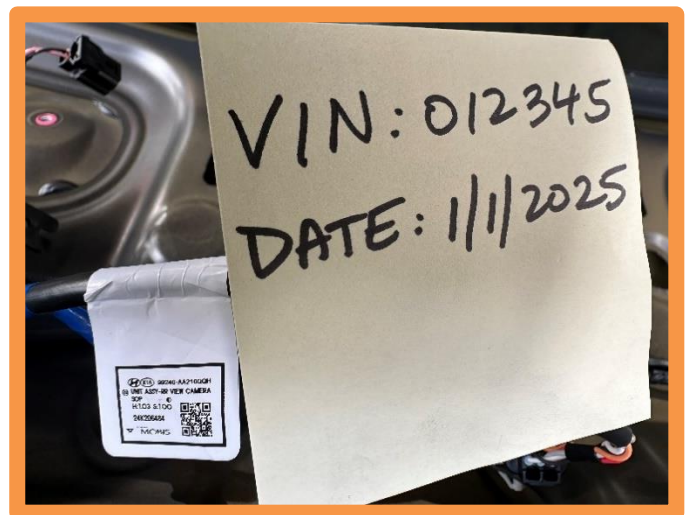
- 3.

STUI



Using STUI, take a photo of the rear-view camera part number tag with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



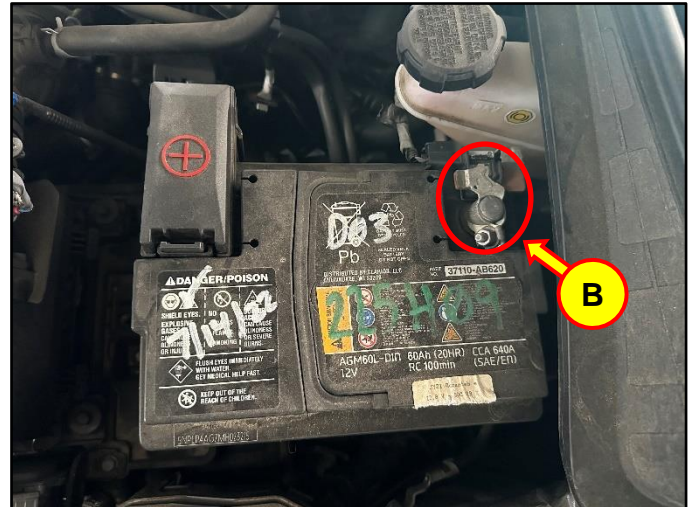
4. Reinstall parts in the reverse order of the removal process.
5. The service procedure is now complete.

Rear Backup Camera Replacement for CN7, CN7A, CN7 N, CN7 HEV

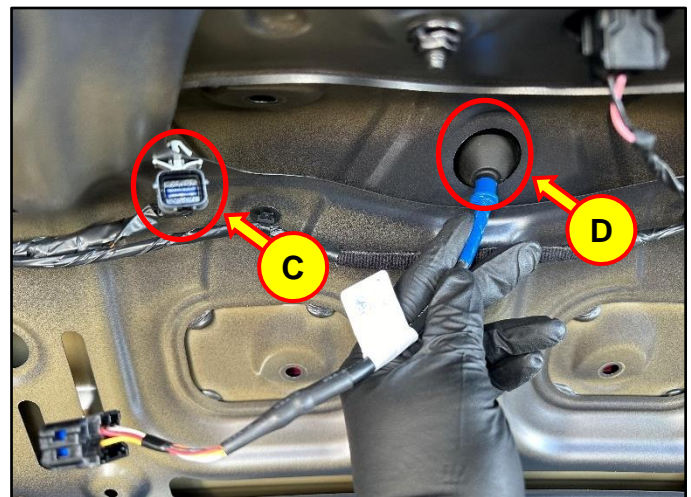
1. Disconnect the negative (-) battery terminal (B).

Tightening Torque:

lb-ft	3.0 - 4.4
lb-in	36 - 52.8
N.m	4.0 - 6.0



2. Disconnect the rear-view camera connector (C) and push the rubber grommet (D) inward.



3. Remove the trunk lid back panel by following the steps from below.

Remove eight **10 mm** bolts (E) holding down the trunk lid back panel.



4. On the left and right side of the trunk lid back panel, there is a piece of double-sided tape on each side holding the cover and frame together.

Use a flat plastic panel popper tool and carefully insert it into the side corner (F) of the panel and carefully pry upward to separate the double-sided tape.

NOTICE

Be careful **NOT** to damage the trunk lid back panel paint and frame.

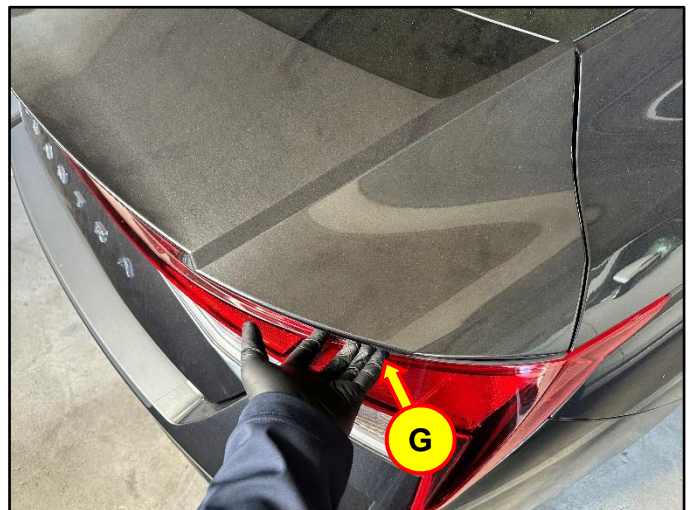


5. After both sides of the corner are loosened from the double-sided tape, then close the trunk.

On a corner, carefully grab the trunk lid back panel and pull upward (G). Keep pulling upward along the trunk lid back panel until it is completely lifted.

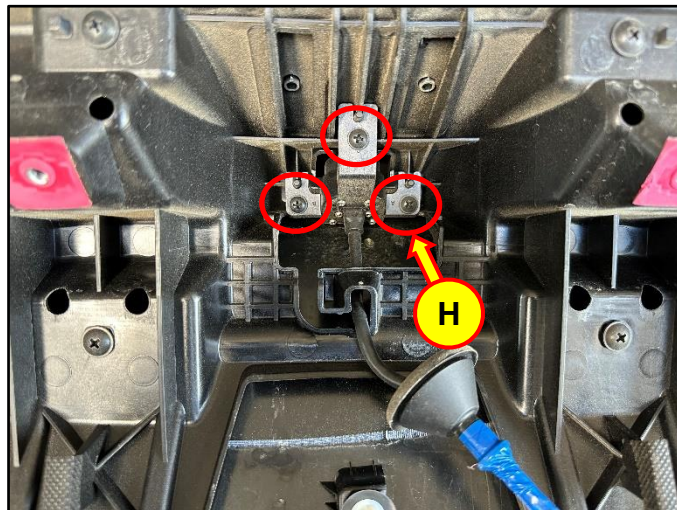
NOTICE

It may require some effort to release the trunk lid back panel from the frame. Closing the trunk is not required but it will provide leverage.



6. Temporarily connect the negative battery terminal to open the trunk.
7. Open the trunk, and then disconnect the negative battery terminal again.

8. Remove the three Phillips screws (H) and replace the rear-view camera.



- 9.

STUI



Using STUI, take a photo of the new rear-view camera installed next to the original rear-view camera with the part number tags visible along with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



10. Remove the double sided tape (I) from both the left and right side of the trunk lid back panel.

NOTICE

A heat gun or eraser wheel can be used to assist with adhesive removal.

Take care to **NOT** apply excessive heat to the panel to prevent damage.

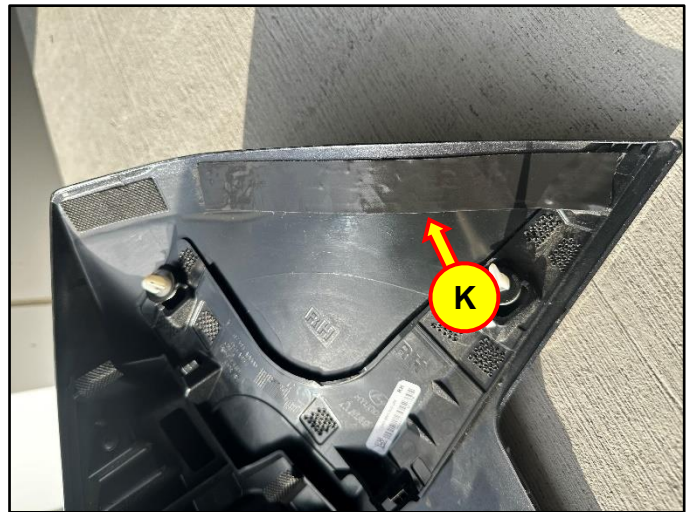
Be careful **NOT** to heat it too much as it can damage the paint.



11. Cut two pieces of 8" double-sided tape (J) and apply to both the left and right side of the trunk lid back panel



12. Remove the red tape film (K).



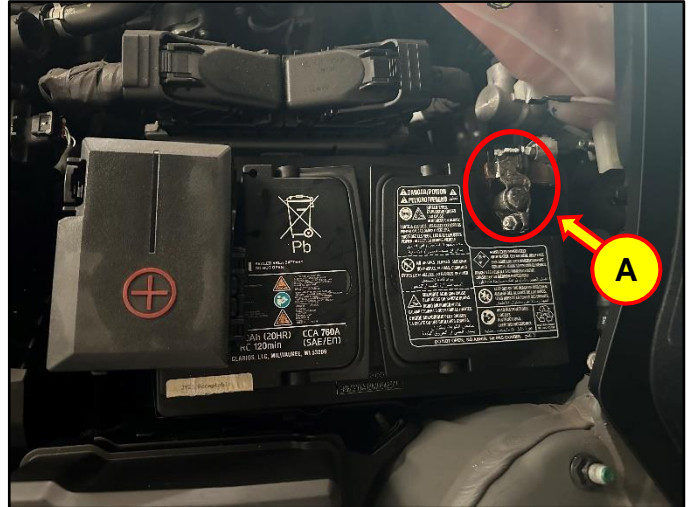
13. Reinstall parts in the reverse order of the removal process.
14. Verify the display for proper operation.
15. The service procedure is now complete.

Rear Backup Camera Inspection for TMA, TM HEV, TM PHEV

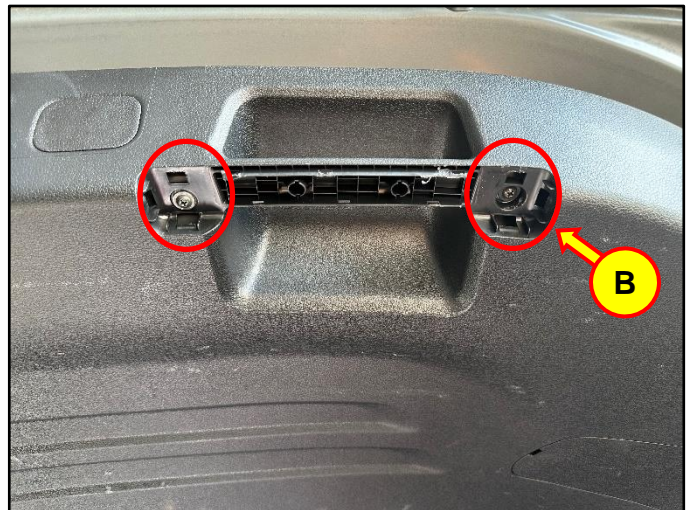
1. Open the tailgate and then disconnect the negative (-) battery terminal (A).

Tightening Torque:

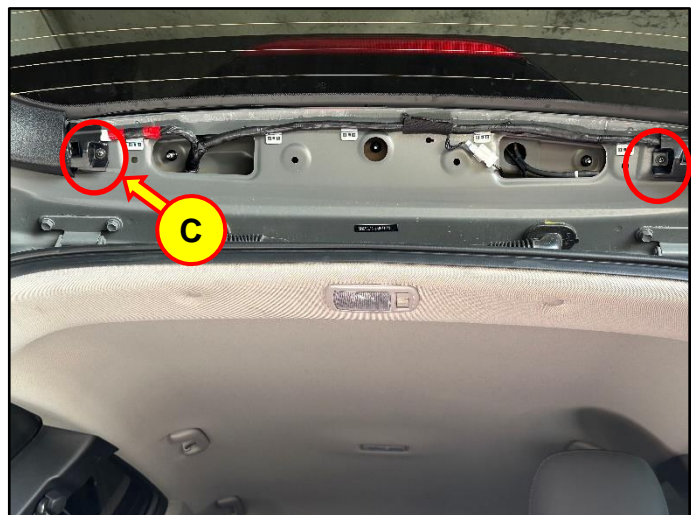
lb-ft	5.8 - 7.2
lb-in	69.6 - 86.4
N.m	7.8 - 9.8



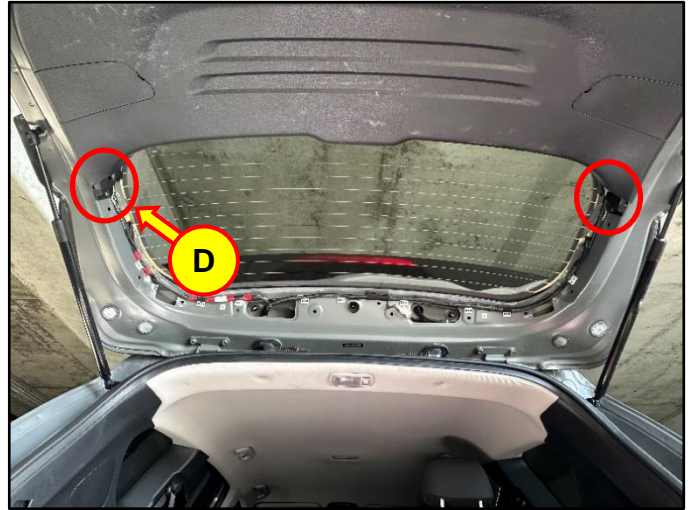
2. Remove the handle cover and then remove the two Phillips screws (B).



3. Remove the lower trunk cover panel trim, and then remove the two Phillips screws (C).



4. Remove the two lower side panels, and then remove the two Phillips screws (D).



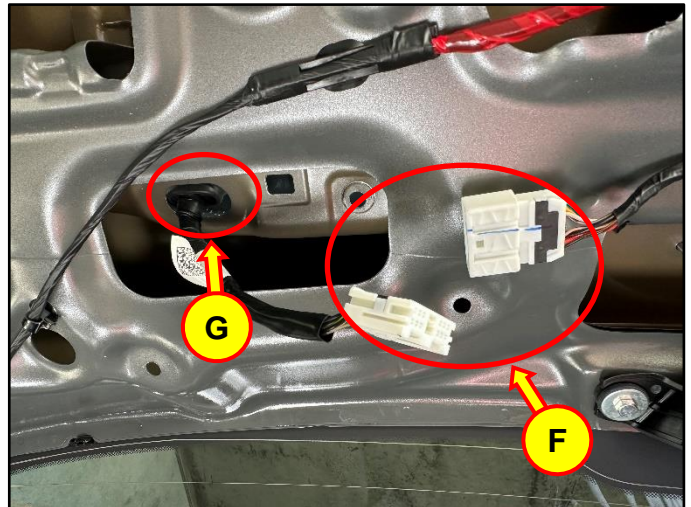
5. Pull the trunk panel downward to remove it from the frame.



6. Remove the three 10 mm bolts and two 10 mm nuts (E).



7. Disconnect the rear-view camera connector (F) and push in the rubber grommet (G) inward.



8. Remove the center, and reverse taillight assembly by pulling it outward from the tailgate assembly.



9. Locate the rear-view camera and inspect the rear-view camera part number label:

Replace the rear-view camera if the part number is:

- 99240-S1500

Proceed to rear-view camera replacement section on page 12.

Do NOT replace the rear-view camera if the part number is:

- 99240- S1510

Proceed to the next step.



Replace the Rear-View Camera

Do **NOT** Replace the Rear-View Camera

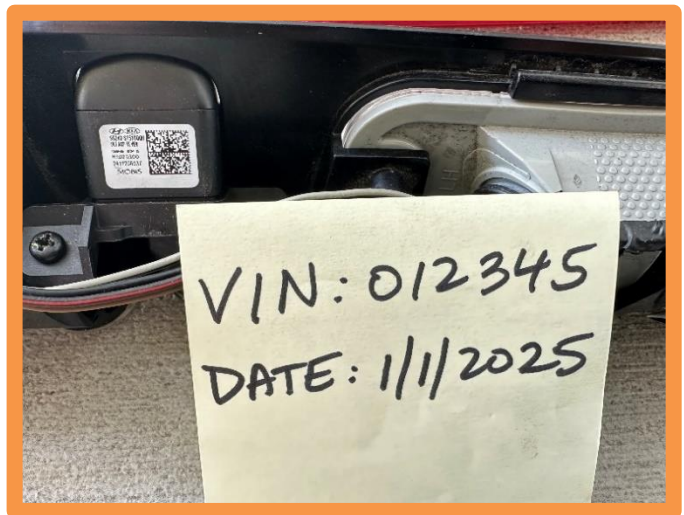
- 10.

STUI



Using STUI, take a photo of the rear-view camera part number tag with the last 6 digits of the VIN and the date of repair on a piece of paper.

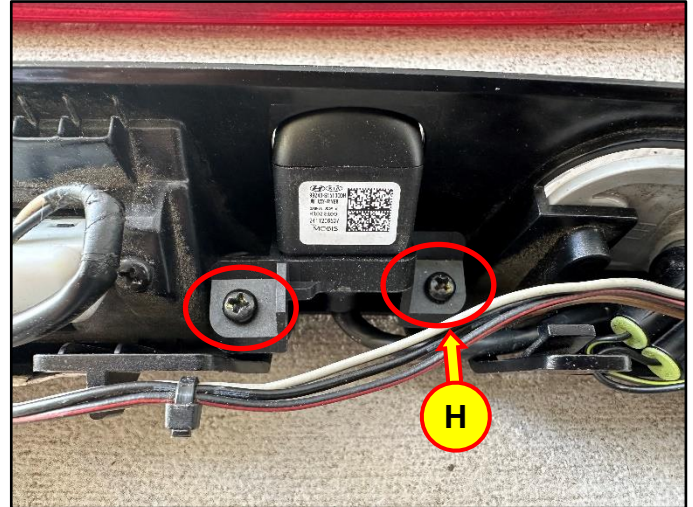
Upload the photo to STUI.



11. Reinstall parts in the reverse order of the removal process.
12. The service procedure is now complete.

Rear Backup Camera Replacement for TMA, TM HEV, TM PHEV

1. Remove the two Phillips screws (H) and replace the rear-view camera.



- 2.

STUI



Using STUI, take a photo of the new rear-view camera installed next to the original rear-view camera with the part number tags visible along with the last 6 digits of the VIN and the date of repair on a piece of paper.

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3. Reinstall parts in the reverse order of the removal process.
4. Verify the display for proper operation.
5. The service procedure is now complete.