



HYUNDAI

Technical Service Bulletin

GROUP	NUMBER
RECALL	19-01-003
DATE	MODEL(S)
JANUARY, 2019	ELANTRA GT (PD)

SUBJECT: 2018MY ELANTRA GT (PD) PANORAMIC SUNROOF MOTOR INSPECTION AND REPLACEMENT (RECALL CAMPAIGN 179)

★ IMPORTANT

*** Dealer Stock and Retail Vehicles ***

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

When a vehicle arrives at the service department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.

Description: This bulletin describes the procedure to inspect or replace the panoramic sunroof motor on certain 2018MY Elantra GT (PD) vehicles. The panoramic sunroof motor may have been incorrectly programmed, preventing the sunroof from detecting an obstacle while closing. If the panoramic sunroof motor does not detect an obstacle while closing and then retract, there could be increased risk of injury.



Applicable Vehicles: Certain 2018MY Elantra GT (PD) vehicles equipped with a panoramic sunroof.

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

Parts Information:

Part Name		Part Number	Qty.
Glass Motor		81631-G3000	1
Roller Blind Motor		81671-G3000	1
Mounting Clip		85815-C1100	2
Trim Clip		85859-3S500	4

Warranty Information:

Model	Op Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Elantra GT (PD)	81C095R0	PANORAMIC SUNROOF MOTOR INSPECTION	0.3 M/H	81631-G3000	I12	ZZ7
Elantra GT (PD)	81C095R1	PANORAMIC SUNROOF MOTOR INSPECTION AND REPLACEMENT	1.8 M/H			

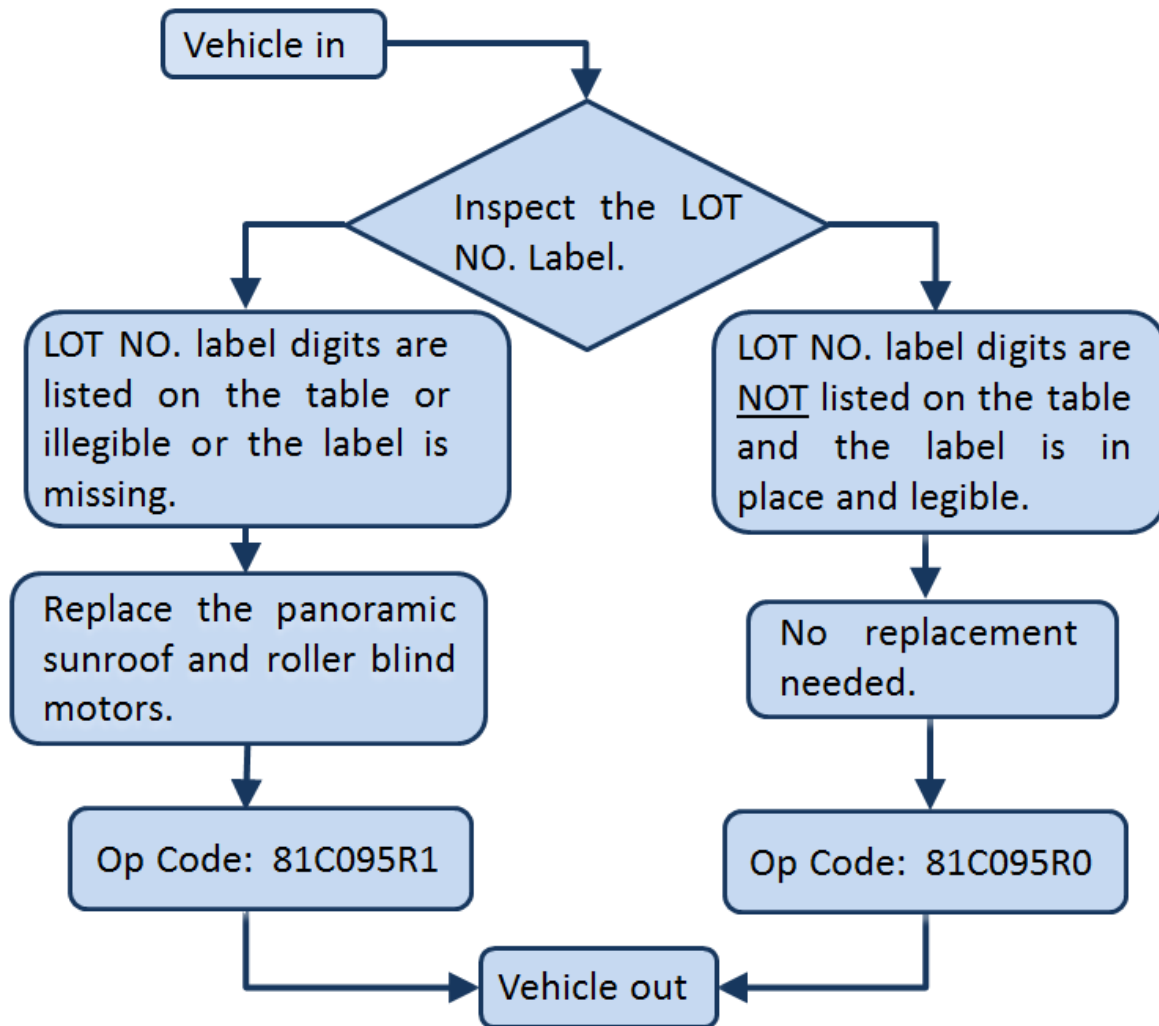
IMPORTANT:

NOTE 1: If the panoramic sunroof motor is replaced due to the LOT NO. label being illegible, missing, or it being listed on the table on page 4, email a picture showing the panoramic sunroof LOT NO. label or respective location of the missing label and a copy of the RO to: CampaignCentral@hmasusa.com and in the subject line please put "Recall 179 – LOT NO. Request Photo". Part order will be released upon receipt of email. If pictures do not clearly show the LOT NO. label or respective location of the missing label, the part order will not be approved.

NOTE 2: Submit Claim on Campaign Claim Entry Screen

NOTE 3: If a part is found in need of replacement while performing Recall Campaign 179 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.

Service Procedure:

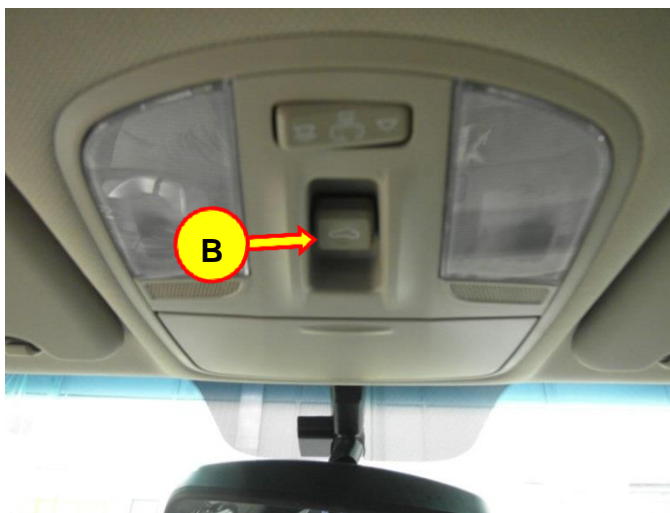


PANORAMIC SUNROOF MOTOR INSPECTION

1. Turn the ignition switch (A) to accessory power mode.



2. Press the panoramic sunroof switch (B) and open the panoramic sunroof.



3. Reference the LOT NO. label (C) on the side of the panoramic sunroof above the driver's seat.



4. Check the last 6 digits (a) on the LOT NO. label from the vehicle to those listed in the table below. If the last 6 digits are listed on the table, the panoramic sunroof motor will need to be replaced according to the following procedure. If they are not listed the, inspection is complete.



NOTE: LOT NO. info.

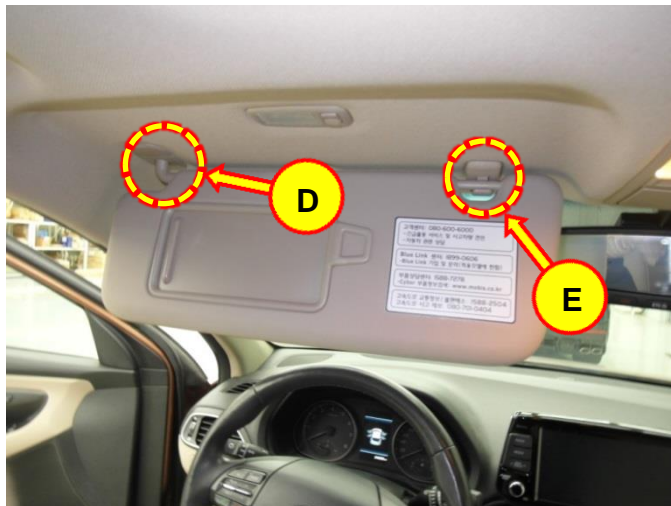
170158	170159	170160
170161	170162	170163
170164	170165	170166
170167	170168	170169
170170	170171	170172
170173	170174	170175
170176	170178	170179
170180	170181	170182
170183	170187	170188
170189	170190	170191
170192	170193	170194
170195	170196	170197
170199	180349	180350
180351	180352	180353
180354	230411	

NOTICE

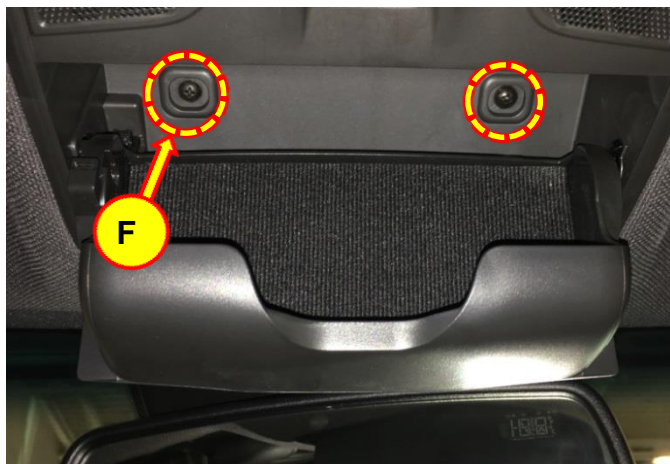
If the LOT NO. label is illegible or missing, replace the motors according to the procedure starting on page 6.

PANORAMIC SUNROOF MOTOR REPLACEMENT :

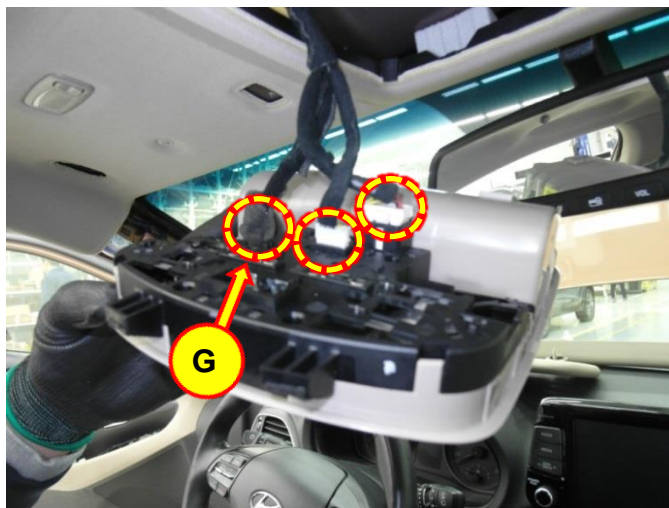
1. Open the sun visor. Loosen and remove the mounting screw (D) and separate the sun visor. With the sun visor removed, loosen and remove the retaining clip screw (E), and then remove the retaining clip. Remove both LH and RH side sun visors.



2. Loosen and remove the overhead console mounting screws (F).



3. Carefully pulldown the overhead console and disconnect the overhead console connectors (G).



4. Remove the weather strip from the front and back doors on both the LH and RH sides (H).



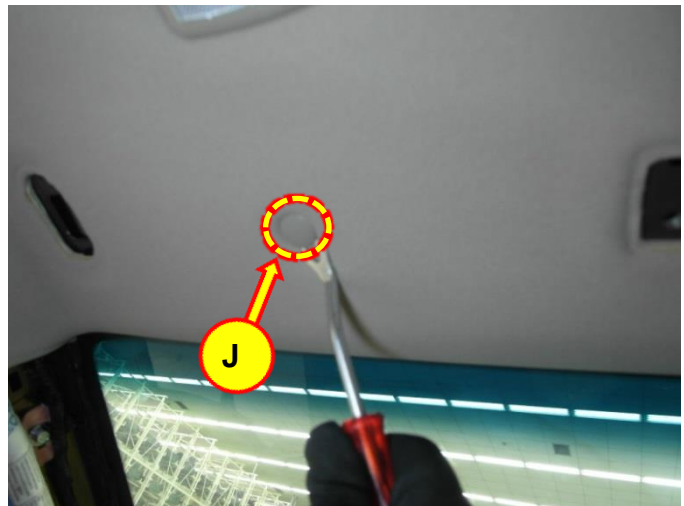
5. Remove the A-pillar trim (I) from both the LH and RH sides.

NOTICE

Be sure to replace the A-pillar fastener clip on the LH and RH sides.



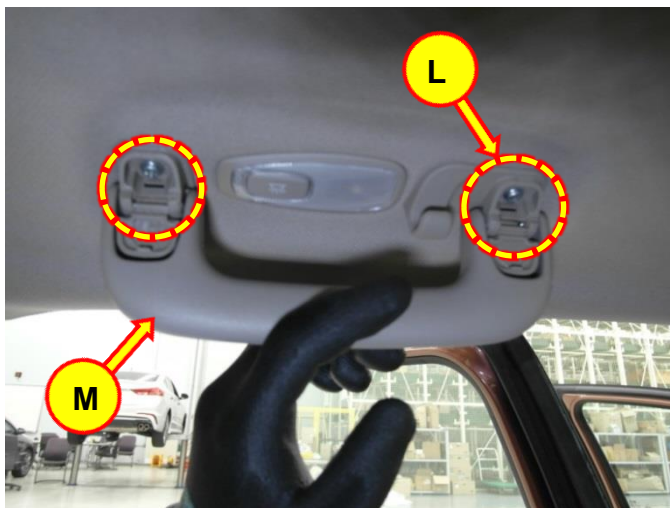
6. Remove the front LH and RH side roof mounting clips (J).



7. Remove the inside mirror cover and disconnect the connector (K).



8. Open the covers and remove the assist handle mounting screws (L). Remove the assist handle (M). Follow the same steps to remove the remaining assist handles.



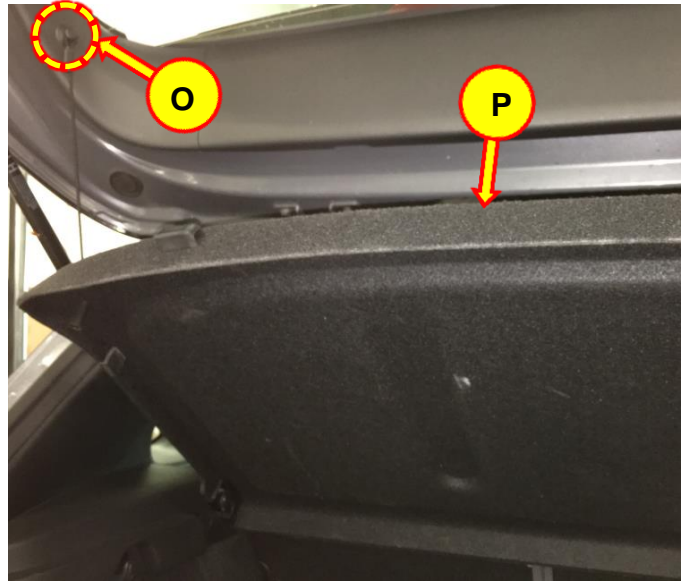
9. Remove the B-pillar upper trim (N) on the LH and RH sides.

NOTICE

Be careful not to damage the trim. If the trim or fastener clip is damaged, replace it with a new one.



10. Remove the cargo cover lift pulls (O) from the LH and RH sides. Remove the rear cargo cover (P). Set the cargo cover in a clean area.

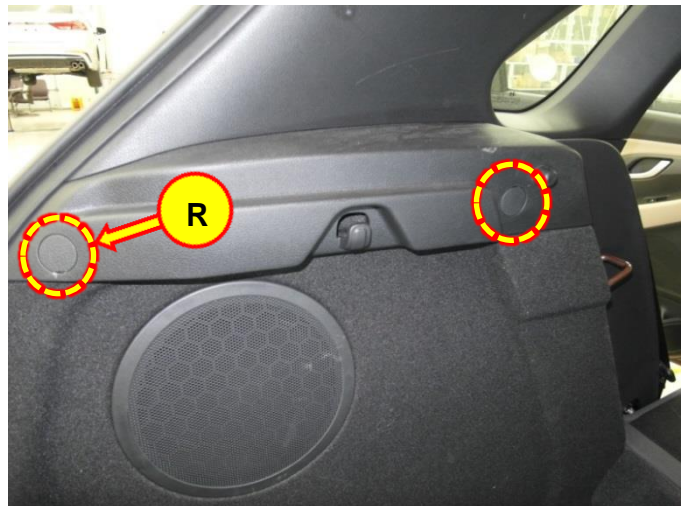


11. Fold down the rear seat backs (Q) as shown.



12. Carefully pry off the trim covers (R). Loosen and remove the mounting cover bolts behind the trim covers on the LH and RH sides.

Tightening torque:
5.7 ~ 7.2 lb-ft (7.8 ~ 9.8 Nm)



13. Remove the mounting cover (S) on the LH and RH sides.



14. Loosen and remove the C-pillar mounting trim bolt (T) on the LH and RH sides.

Tightening torque:
5.7 ~ 8.6 lb-ft (7.8 ~ 11.7 Nm)



15. Partially remove the tailgate weather stripping (U) on the LH and RH sides so that the C-pillar trim covers have clearance for removal.



16. Pull and remove the C-pillar trim cover (V) from the LH and RH sides.

NOTICE

Be careful not to damage the trim. If the trim or fastener clip is damaged, replace it with a new one.



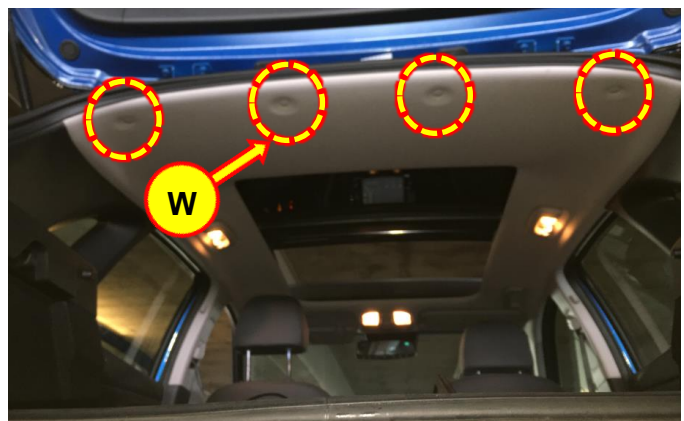
17. Carefully pull along the edge of the roof trim to release the front mounting clips.

NOTICE

Be careful not to damage the trim. If the trim or fastener clip is damaged, replace it with a new one.



18. Remove the four roof mounting clips (W) along the rear edge of the roof trim.



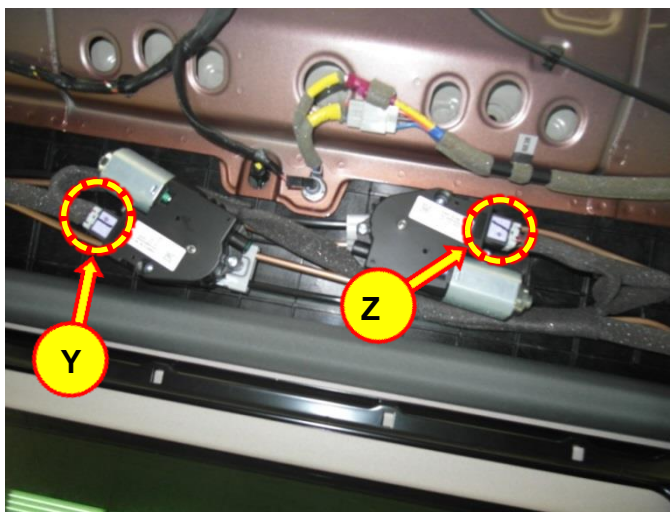
- 19. Carefully pull down along the edge of the roof trim to release the rear mounting clips.



- 20. With the clips released, allow the roof (X) trim to rest. Locate the glass motor and the roller blind motor placed in the middle-rear roof section.

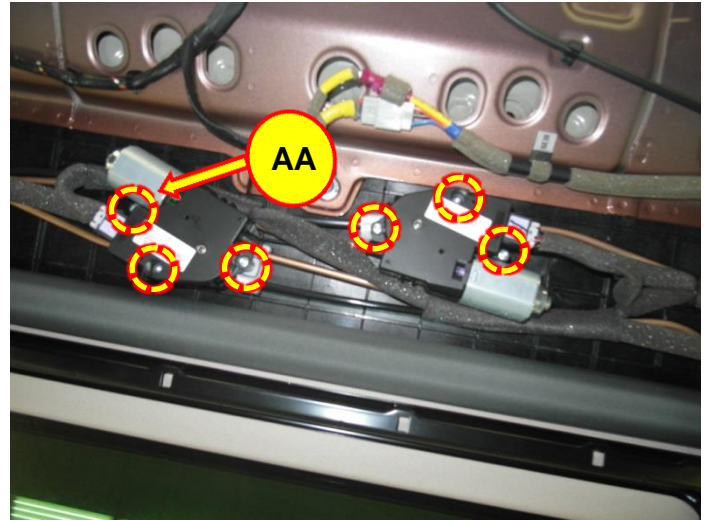


- 21. Disconnect the glass motor (Y) and the roller blind motor connectors (Z).



22. Loosen and remove the Torx screws (AA) for both the glass and roller blind motors.

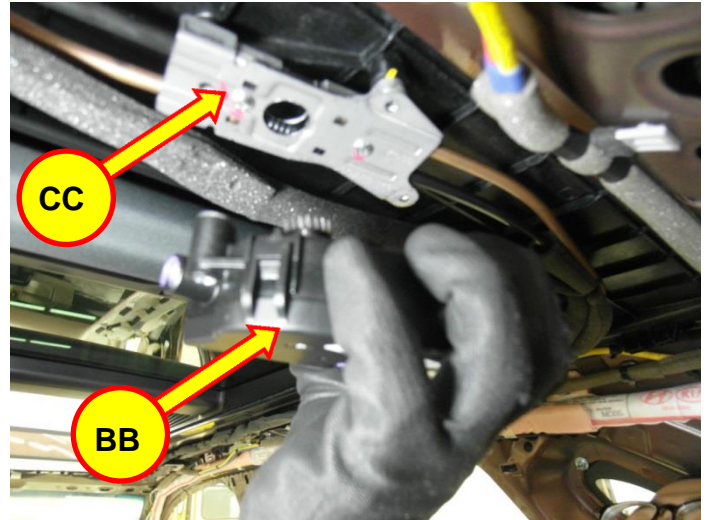
Tightening Torque :
2.3 ~ 3.5 lb-ft (3.2 ~ 4.8 Nm)



23. Remove the glass motor (BB) and roller blind motor (CC)

NOTICE

Glass motor gear and roller blind motor gear sizes are different.



24. Install the new motors and reinstall the removed parts in the reverse order of removal.
25. Perform the panoramic sunroof reset procedure as directed in the owner's manual.