



GROUP	MODEL
ELE	2023MY Seltos (SP2)
NUMBER	DATE
287	April 2023

TECHNICAL SERVICE BULLETIN

SERVICE ACTION: ICU-D CONNECTOR INSTALLATION (SA529)

SUBJECT:

This bulletin provides information to inspect and re-connect the Integrated Control Unit (ICU)-D connector on certain 2023MY Seltos (SP2) vehicles, produced from November 22, 2022 through December 7, 2022, due to the ICU-D connector not installed fully seated during assembly which may exhibit symptoms such as: inoperative power windows, seat warmers, heated mirrors, and/or 4WD warning lamp. Follow the procedure outlined in this publication to re-connect ICU-D connector on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



NOTICE

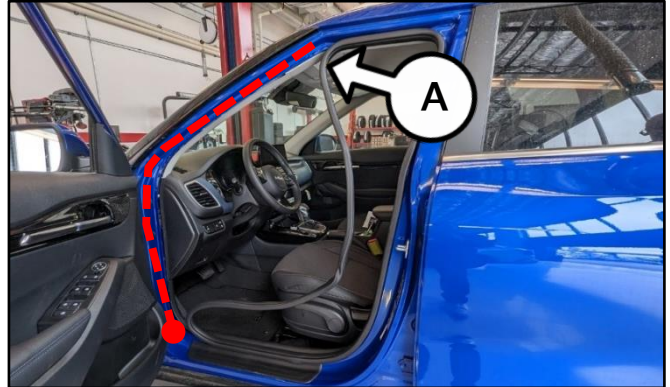
A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on WebDCS (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on WebDCS (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.

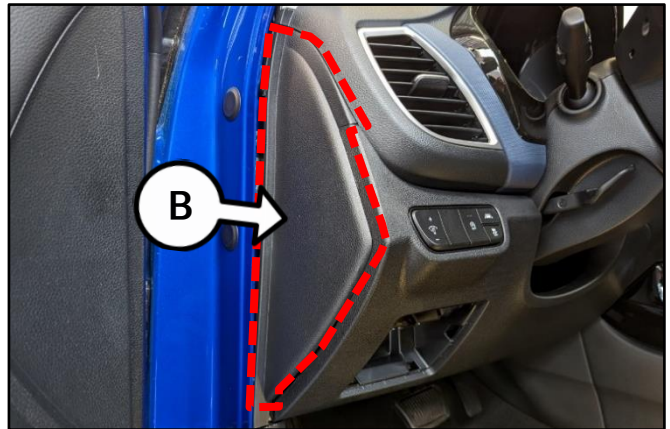
This issue number is SA529.

Repair Procedure:

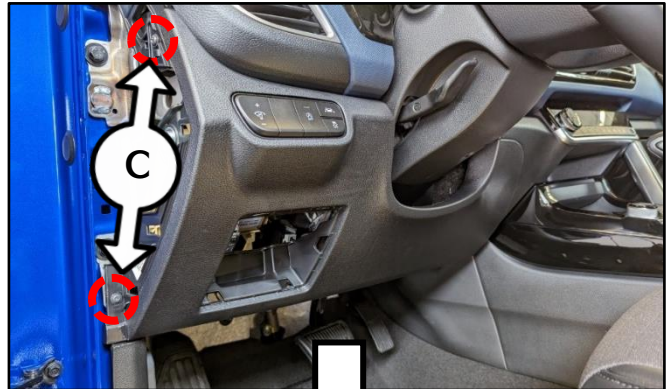
1. Disconnect the battery negative (-) terminal.
2. Partially remove the driver front door weather strip (A) in the area shown.



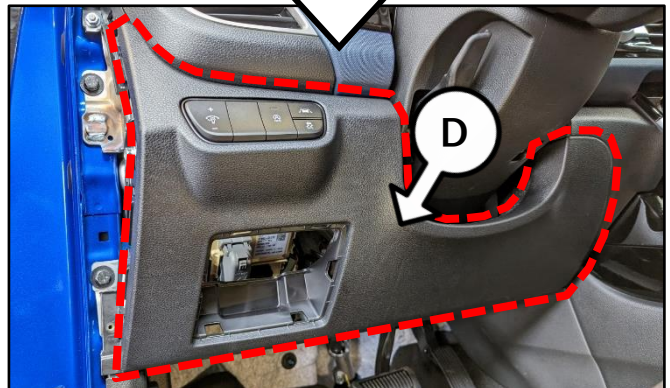
3. Remove the crash pad side cover (B).



4. Loosen the two (2) side screws (C).



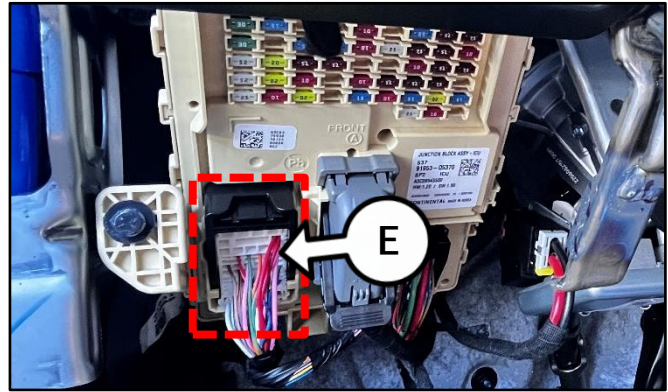
5. Remove the crash pad lower panel (D).



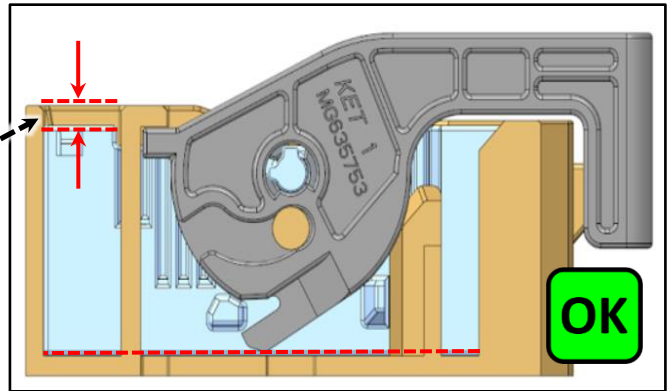
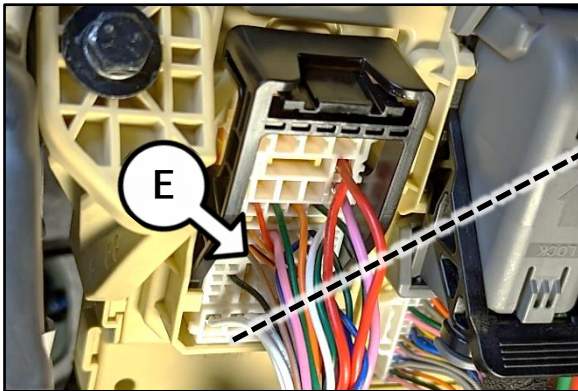
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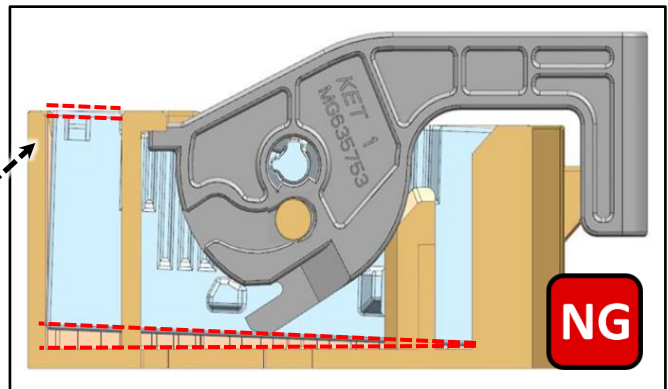
6. Locate the ICU-D connector (E) and confirm it is fully seated into the female plug.



- 7a. Verify that the ICU-D connector (E) is fully inserted/seated correctly (OK). Refer to images below. There should be a visible small gap at the surface of the connector in the red outlined area shown. The connector must be seated flush at the bottom of the female plug.



- 7b. The ICU-D connector (E) is not fully seated/inserted correctly (NG). Refer to images below. It is possible that the ICU-D connector may be sticking out slightly from the female plug outside edge as shown below. This may be due to the connector not seating flush at the bottom of the female plug.

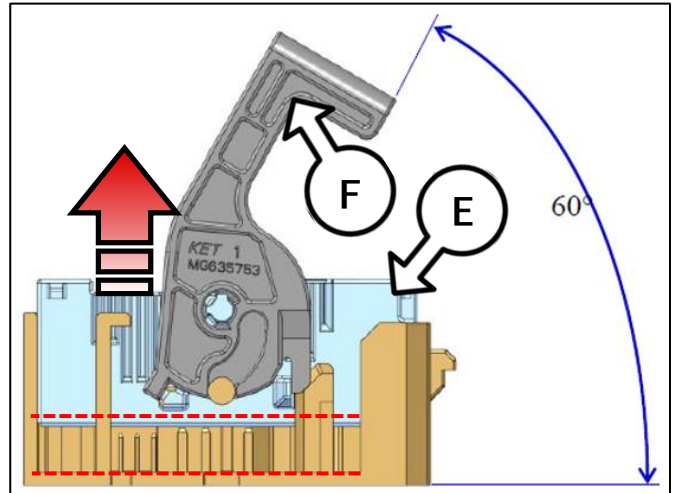


Proceed to step 8 for repair instructions.

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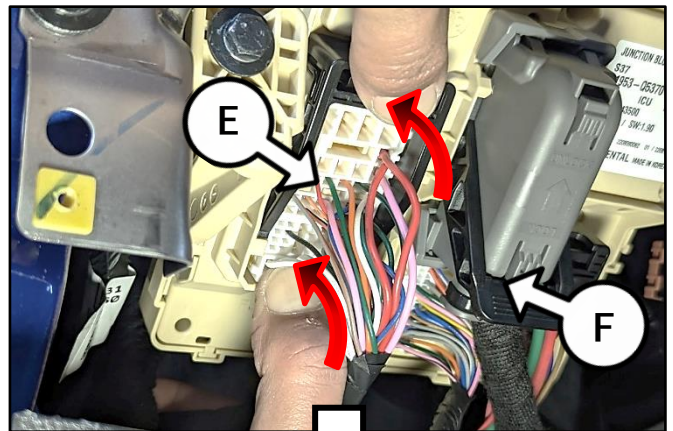
To confirm that the ICU-D connector is properly seated, re-connect the ICU-D connector by unlocking the black lever (F) upward as shown.

Note: This will raise the ICU-D connector from the bottom of the female plug to release it.



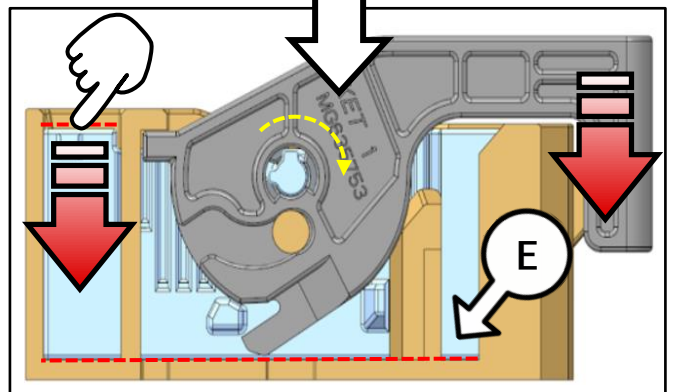
- Carefully, re-insert the ICU-D connector (E) in the following method:

While locking down the black lever using your right hand, **simultaneously** apply downward pressure using your left thumb on the bottom/lower section shown of the ICU-D connector (E) to push-in and guide the connector down and flush with the bottom of the female plug.



- The ICU-D connector should seat just below the pointed top area of the female plug and rest flat/flush with the bottom of the plug.

Note: The black lever will rest horizontally down to confirm the connector is locked secured.



- Reinstall all removed parts in reverse order.
- Confirm normal vehicle operation.

SUBJECT:

ICU-D CONNECTOR INSTALLATION (SA529)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Seltos (SP2)	November 22, 2022 to December 7, 2022

WARRANTY INFORMATION:**N Code: N99 C Code: C99**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
V	91530 Q5920	0	(SA529) ICU-D Connector Re-Connection	230013R0	0.3 M/H	N/A	0

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA529 when accessing the WebDCS system.

