



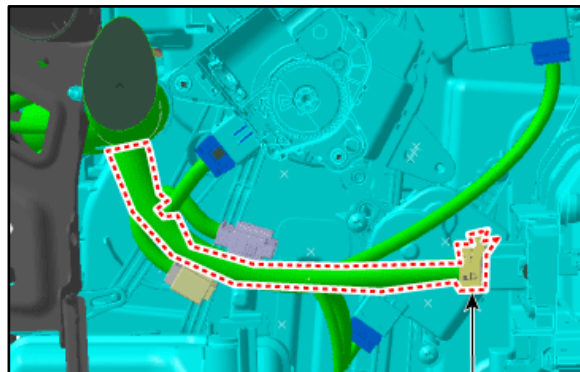
GROUP	MODEL
Safety Recall Campaign	2021-2023MY Sorento LX (MQ4a)
NUMBER	DATE
SC351	January 2026

SAFETY RECALL CAMPAIGN

BLOWER MOTOR RESISTOR AND RESISTOR CIRCUIT HARNESS REPLACEMENT (SC351)

SUBJECT:

This bulletin provides information to replace both the blower motor resistor circuit harness and blower motor resistor (as a set) on 2021-2023MY Sorento LX (MQ4a) vehicles produced from September 10, 2020 through December 29, 2023 (Sorento S, EX, SX and X-line models are not affected). The connection between the blower motor resistor and connector in the subject vehicles can overheat when using the Heating, Ventilation, and Air Conditioning (HVAC) system on fan speed 3 while the ignition is ON. In rare cases, this condition may lead to a fire, increasing the risk of injury. Follow the procedure outlined in this publication to replace both the blower motor resistor circuit harness and blower motor resistor (as a set) on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



NOTICE

There is no charge to the vehicle owner for this repair. Under applicable law, you may not sell or otherwise deliver any affected vehicle until it has been repaired pursuant to the procedures set forth in this bulletin.

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

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Repair Procedure:

1. Disconnect the 12V battery negative (-) cable.
2. Carefully remove the AVN unit (A) by referring to "Body (Interior and Exterior) → Audio/AVN System → A/V Navigation → Repair procedures" in the applicable Shop Manual on KGIS.

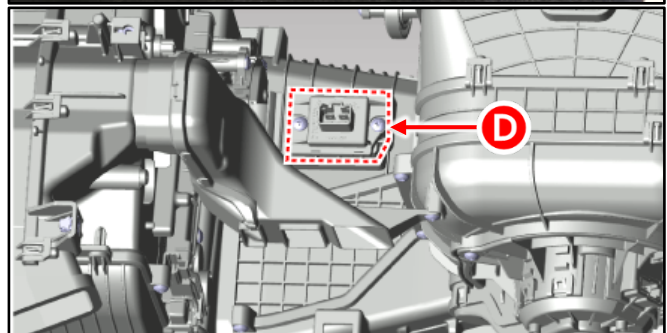
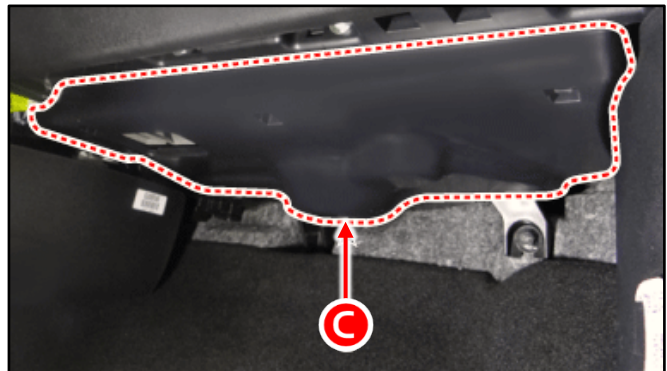
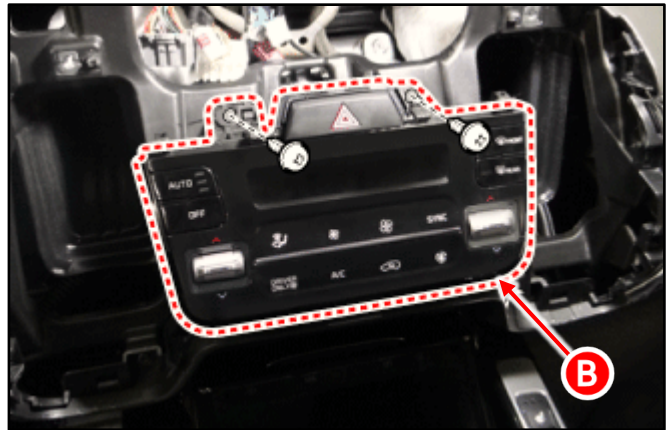
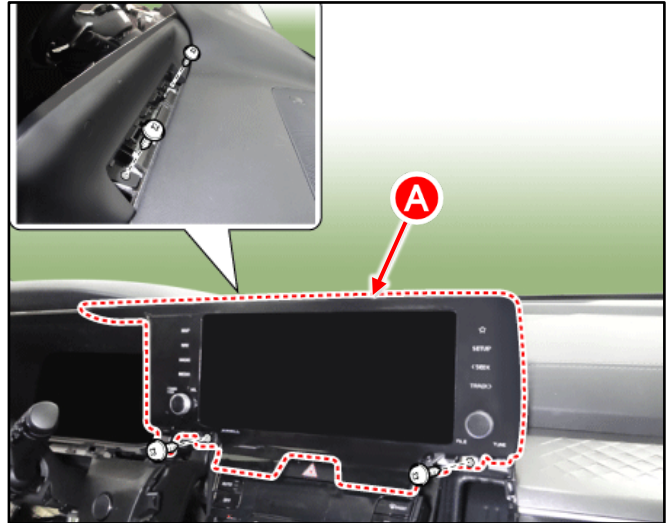
CAUTION

Be careful not to scratch or damage the surface of any trim parts.

3. Remove the HVAC control unit (B) by referring to "Heating, Ventilation, and Air Conditioning → Controller → Heater & A/C Control Unit (Manual) → Repair procedures" in the applicable Shop Manual on KGIS.

4. Remove the crash pad under cover (C) by referring to "Body (Interior and Exterior) → Crash pad → Crash pad Under Cover → Repair procedures" in the applicable Shop Manual on KGIS.

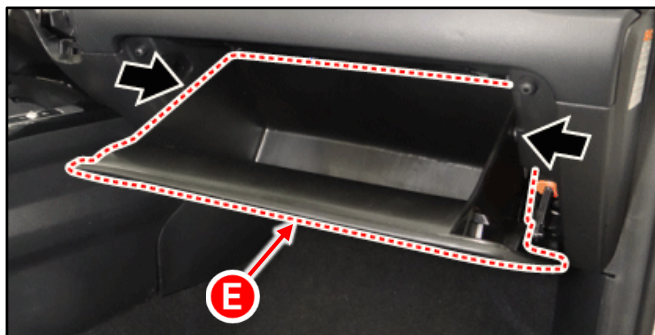
5. Disconnect the blower resistor (D) connector.
6. Loosen the two (2) blower resistor retaining screws and remove the blower resistor (D).



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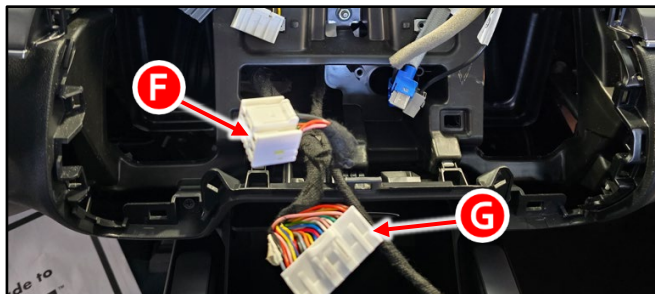
BLOWER MOTOR RESISTOR AND RESISTOR CIRCUIT HARNES REPLACEMENT (SC351)

7. Remove the glove box (E) by referring to "Body (Interior and Exterior) → Crash pad → Glove Box → Repair procedures" in the applicable Shop Manual on KGIS.



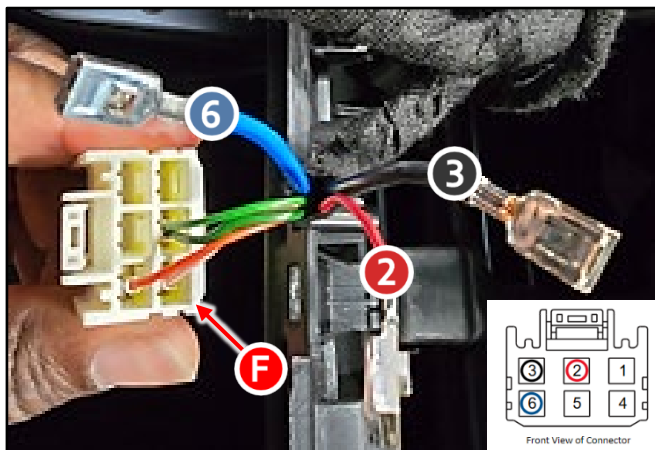
8. Locate the following heater control connectors (F) M04-A and (G) M04-B:

- **F - M04-A Front A/C Control Module**
- **G - M04-B Front A/C Control Module**



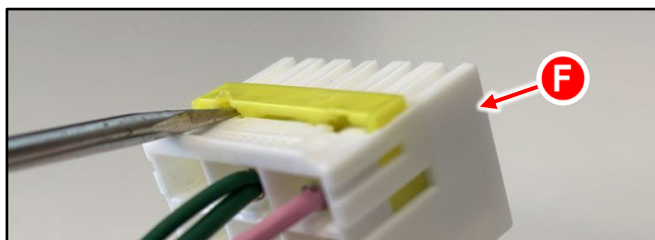
9. Using the SST, unpin/remove the following three (3) (red, black and blue) wires from the M04-A connector (F):

- **Red (2) Front A/C Control Module (Blower ON Signal)**
- **Black (3) Ground (GM01)**
- **Blue (6) Blower Resistor (High) Front A/C Blower Motor**

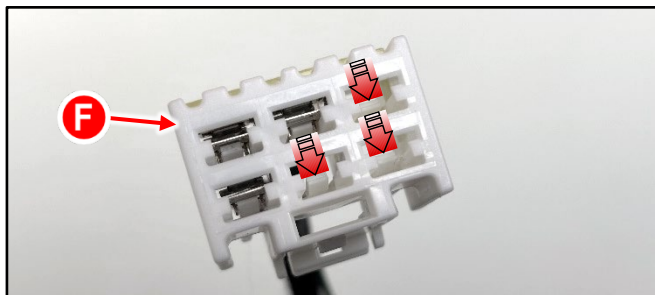


To unpin the wires from the connector (F):

- Pull up on the connector (F) secondary yellow locking tab using a flat screw driver.
- While keeping the yellow locking tab raised, push down on the primary wire terminal inner locking tabs to unlock the terminals from the connector.
- While holding the locking tab down, pull back/away on the wire terminal (2, 3 and 6) from the back of the connector area to release it.



Images shown are for reference use only.



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10a. Insert the removed **Red (2)**, **Black (3)** and **Blue (6)** wires from the old connector into the new connector wiring harness.

Note: Ensure the yellow secondary locking tab is raised up before assembly. The new connector has pre-attached **green, pink and orange wires**.

10b. Ensure the wires clip-in (push-pull on the wires to verify locking to inner primary tab) and the press the secondary yellow locking tab.

11a. Cut off the three (3) remaining **green, pink and orange** wires from the old connector.

11b. Tape the ends of the loose three wires using electrical tape.

11c. Discard the old connector (F).

12a. Locate the back of the M04-B connector and cut-off the **green** wire (27G connection) approximately 100mm (4" in.) from the connector.

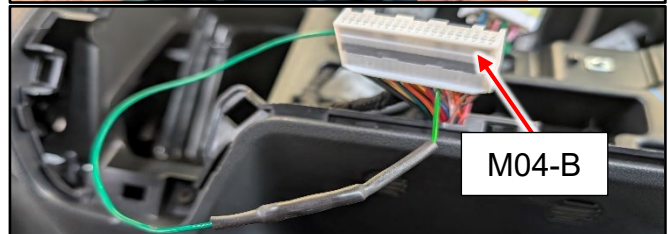
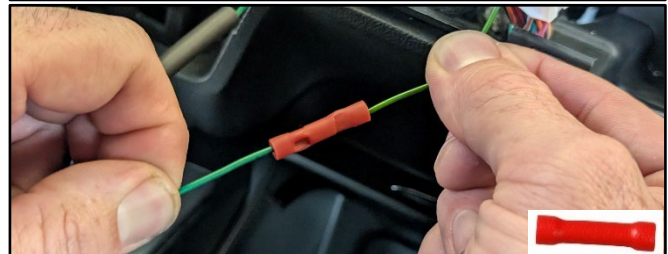
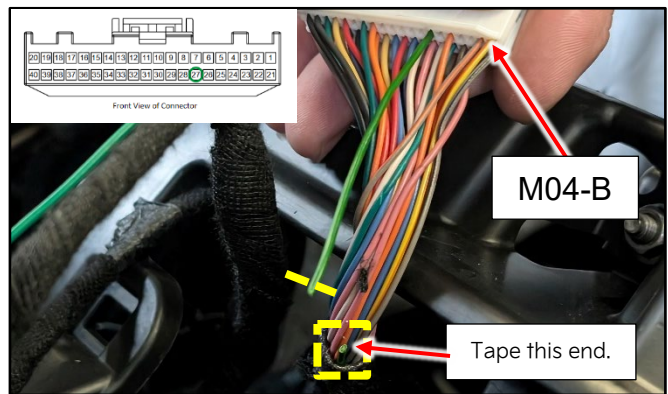
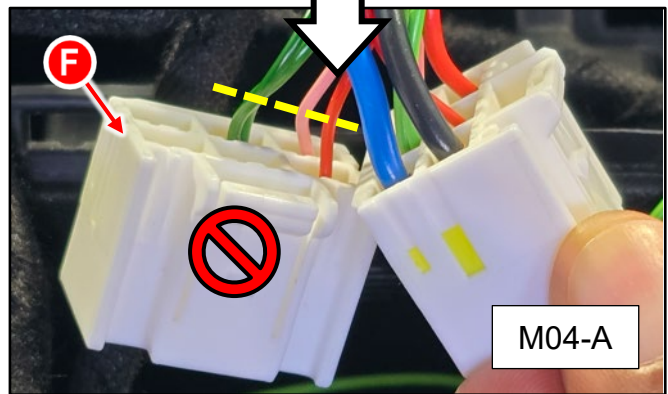
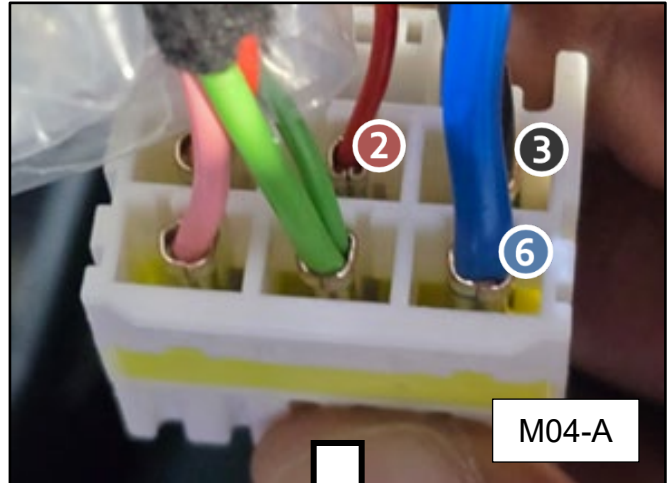
12b. Tape the end of the loose **green** wire coming out of the wiring harness using electrical tape.

12c. Strip the insulation ends (15mm) from both the **green** wire (27G connection) and the **green** wire from the 'new' connector.

12d. Insert the shrink tube through the **green** wire of the new wiring harness.

12e. Using a **red** (16-22 A.W.G.) butt-connector, crimp both **green** wires together as shown. Check they are secure by gently pulling away the ends.

12f. Apply heat to the shrink tube to insulate.

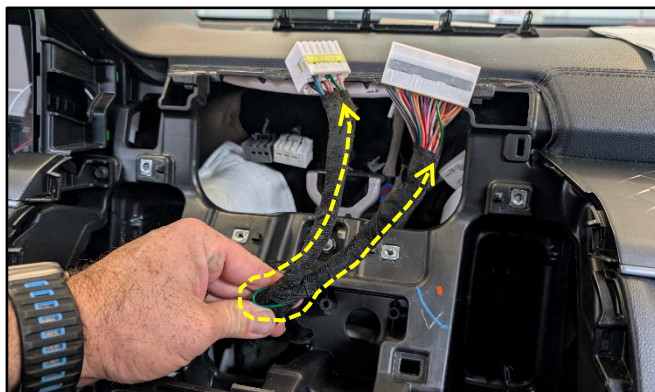


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13. Route the green wire into a "V" shape, along the dotted line area.

14. Secure and insulate the green wire to the existing wiring harness using fleece tape as shown.

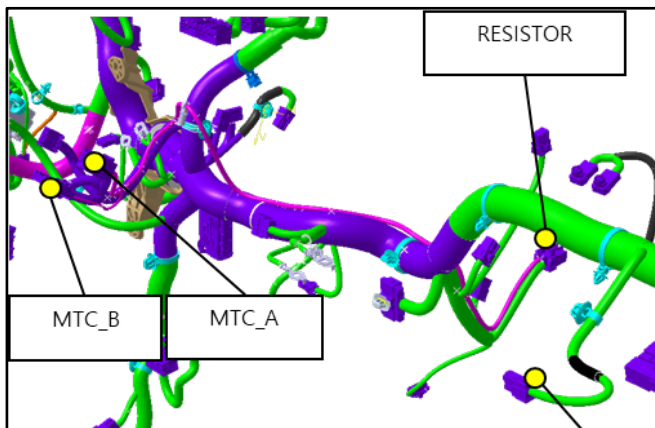


15. Route the new wiring harness from the HVAC control area to the blower fan resistor.

Follow the magenta colored path on the wiring harness shown.

Note: MTC_(A/B) to the Resistor Connector

- M04-A Front A/C Control Module
- M04-B Front A/C Control Module

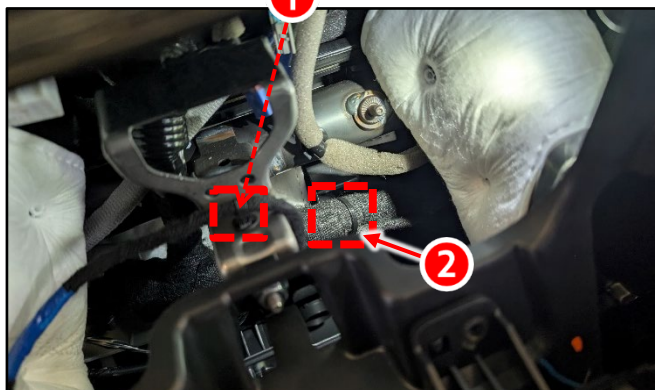


16a. Using the provided wiring harness retaining zip-tie clip (1), insert the clip into the metal bracket hole area shown.

16b. Secure the wiring harness using the zip-tie (1) and cut-off any remaining zip-tie plastic end.



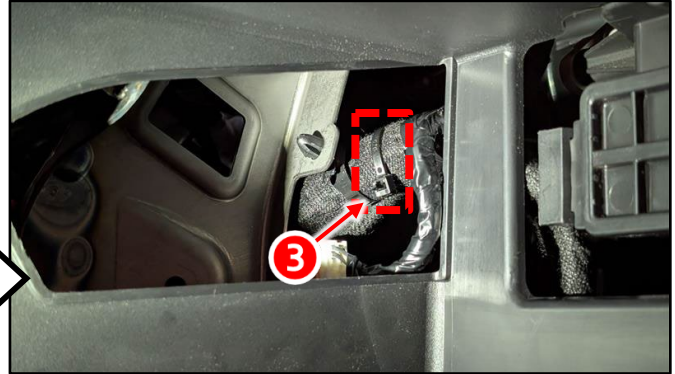
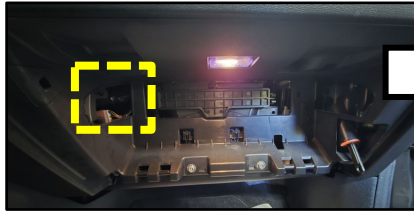
17. Add a second (2) regular zip-tie (not supplied with kit) to secure the new wiring harness to the existing main harness in the lower area shown.



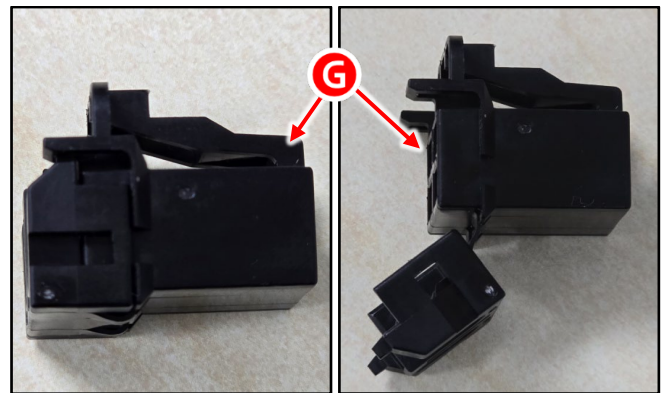
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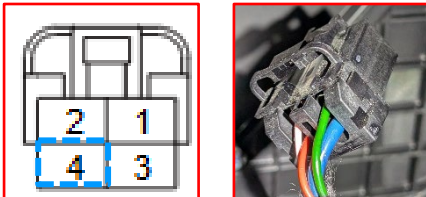
18. From the open glove box opening below the passenger dash area, secure the wiring harness to the existing main wiring harness using a third (3) zip-tie (Not supplied with kit).



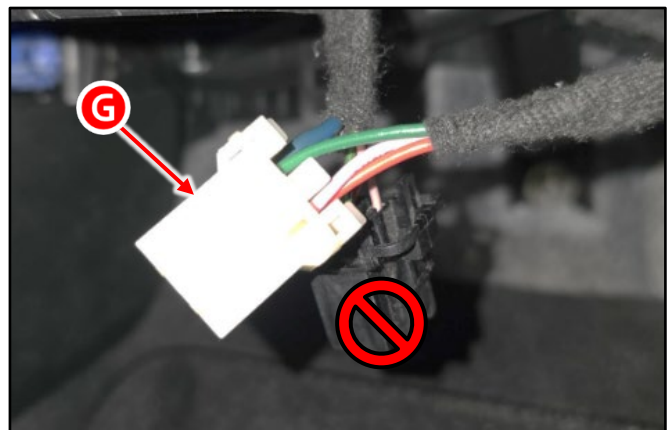
- 19a. Release/open the secondary lock from the existing **black** blower resistor connector (G) from step 5.



- 19b. Unpin/remove the **blue wire** (4L) connection.



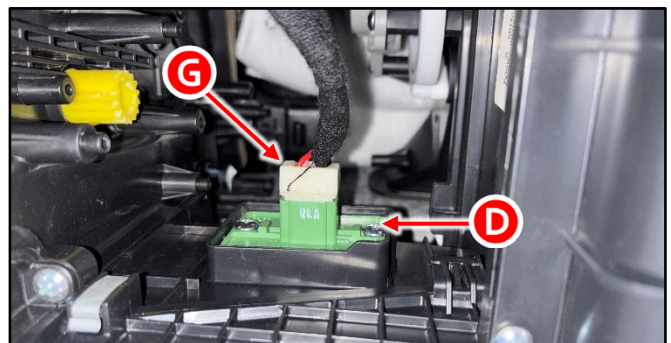
- 20a. Insert the loose **blue wire** coming from the main harness into the 'new' wiring harness connector (G). Refer to step 19a.



- 20b. Secure the wire connections by closing the secondary lock on the white connector.

- 20c. Cut-off the **green, pink** and **orange** wires from the existing **black** connector and tape the loose ends using electrical tape. Secure with fleece tape and discard the old black connector.

21. Install the new blower resistor (D) and connect the new connector (G).



22. Reinstall all removed parts in the reverse order of removal.

23. Verify normal operation of the HVAC controller.




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AFFECTED VEHICLE RANGE:

Model	Production Date Range
Sorento (MQ4a)	September 10, 2020 to December 29, 2023

REQUIRED TOOL:

Tool Name	Part Number	Figure	Comments
Pin Tool	TJGNR 002		Auto-Shipped to Dealers (Snap-On)

REQUIRED PART:

Part Name	Part Number	Figure	Qty.	Comments
Wiring Harness	91109 R5000QQK*		1	HVAC Controller to Blower Resistor
Blower Motor Resistor	97128 P2000QQK*		1	Colored Green
1) Wire Butt Connector 2) Shrink Tube 3) Tesa® Tape	N/A		1 ea.	18-22 Gauge, Red Locally Sourced
			-	Locally Sourced
			Tape as Needed	Fleece Type Locally Sourced

*Please be advised that the required parts for this repair are currently under PartsEye ordering control. Dealers must follow the instructions outlined in Parts Bulletin MI-25-08R2 for proper ordering procedures.

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.
R	97128 3K000	0	(SC351) Blower Resistor and Circuit Harness Replacement	251A50R0	1.1 M/H	91109 R5000QQK 97128 P2000QQK	1

Refer to Warranty Bulletin 2025-06 for claim submission procedures. When substitute transportation is provided, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense. Use sublet code 'X1' for reimbursement of the wire butt connector, shrink tube and tape used in the repair (maximum allowance of \$2.00).

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC351 when accessing the KDealer+ system.