



GROUP

MODEL

Safety Recall Campaign

2024MY  
Sorento (MQ4a)

NUMBER

DATE

SC309 (Rev 1, 07/29/2024)

April 2024

## SAFETY RECALL CAMPAIGN

## MDPS WIRE HARNESS

Subject:

## INSPECTION AND REPAIR (SC309)

## NOTICE

**This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.**

This bulletin provides information to inspect Motor Driven Power Steering (MDPS) main wire harness retaining clip location and, if necessary, repair or replace the MDPS wire harness on certain 2024MY Sorento (MQ4a) vehicles produced from January 7, 2024 through February 28, 2024. The MDPS wire harness may become damaged due to improper assembly by the supplier. This may result in either a reduction or loss of power steering assist. A loss of power steering assist requires higher steering effort by the driver, especially at low speeds, which increases the risk of a crash. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



## NOTICE

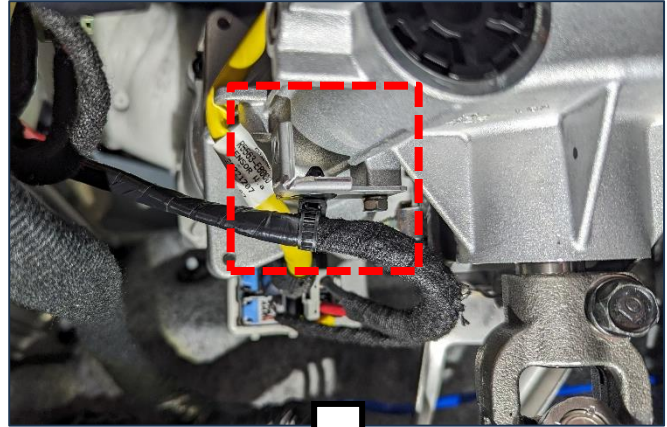
**There is no charge to the vehicle owner for this repair. Under applicable law, you may not sell or otherwise deliver any affected vehicle until it has been repaired pursuant to the procedures set forth in this bulletin.**

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.



**Inspection Procedure:**

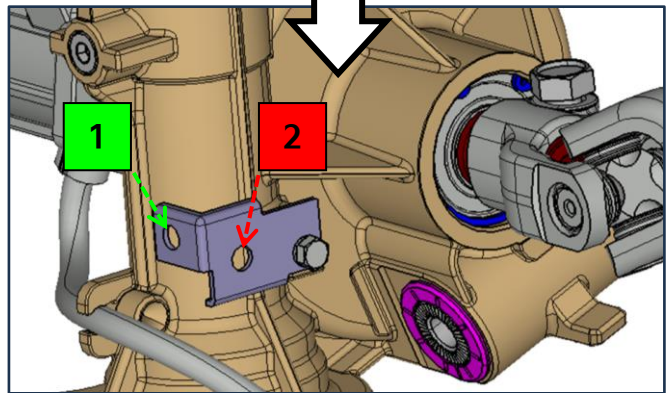
1. Under the dash (driver side) lower crash pad, locate the steering wire harness and the “L” bracket shown.



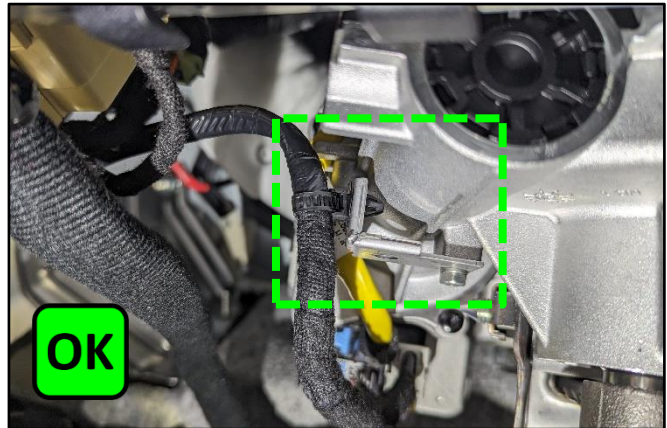
**NOTE:** The “L” bracket has two holes.

2. Confirm the steering harness clip location:

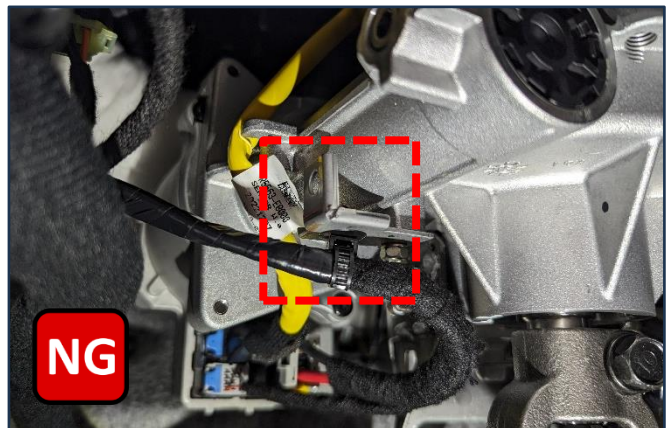
1. Correct location (OK)
2. Incorrect location (NG)



- If the harness is secured to the correct (OK) bracket hole (1), then no further action is required. Claim Inspection Labor Op Code 241A1710.



- If the harness is secured to the incorrect (NG) bracket hole (2), proceed to the 'Repair Procedure' (Main Harness) on page 3.



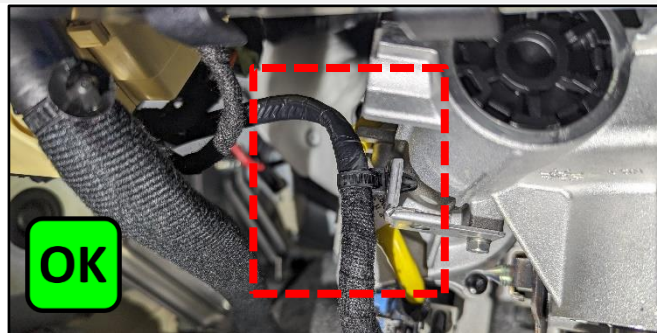


SUBJECT:

## MDPS WIRE HARNESS INSPECTION AND REPAIR (SC309)

**Repair Procedure: (Main Harness)**

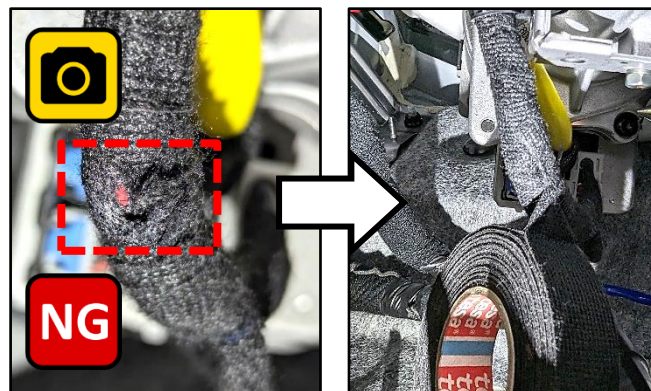
1. Inspect the main wire harness in the area shown for any insulation and wire damage:



- 2a. If no damage to the wire harness insulation is present, proceed to step 3. **Claim Inspection Labor Op Code 241A1711.**

- 2b. If minor damage (NO visible signs of copper) to the wire harness insulated wrapping is present (as shown), use a 6" inch strip of Tesa (or 3M vinyl) electrical tape to repair/insulate the open area, and then proceed to step 3. **Claim Inspection Labor Op Code 241A1712.**

**IMPORTANT:** Take a KVID photo for any **(NG)** condition found and submit with claim.



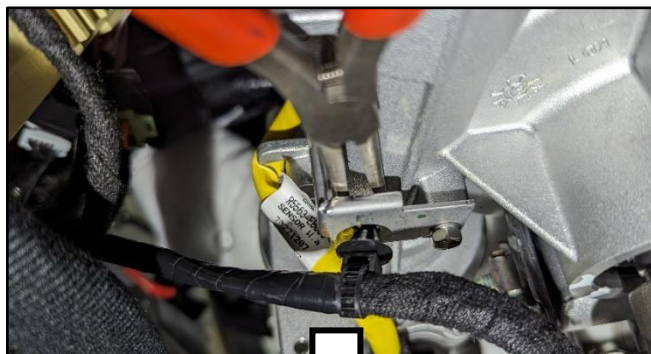
- 2c. If major damage (ANY visible signs of copper) to the wire harness insulated wrapping/wires is present (as shown), skip to the 'Replacement Procedure' (Main Harness) on page 4.



3. Using a pair of thin pliers, press in the harness clip tabs from behind to detach the clip from the incorrect "L" bracket hole location (2).

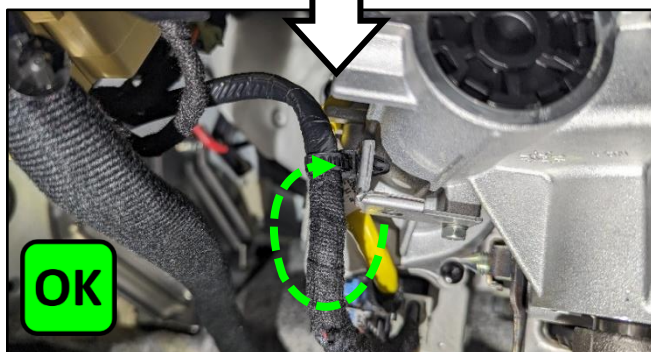
**NOTICE**

**Refer to the correct "L" bracket locations #1 shown on page 2, step 2.**



4. Relocate the clip by inserting and securing it into the correct "L" bracket hole (1) location.

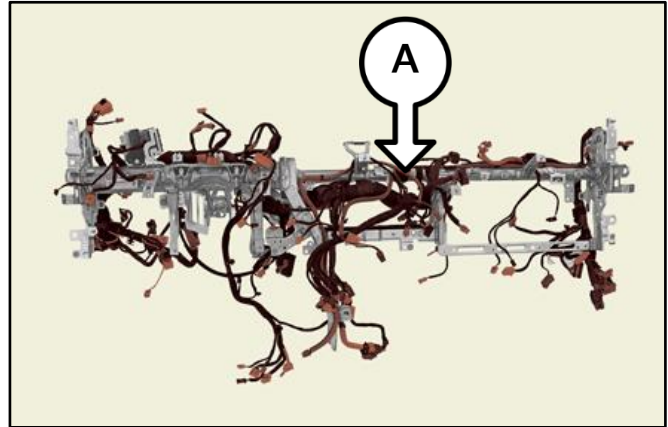
**NOTE:** Push in and pull 2-3 times to confirm it is clipped in securely.





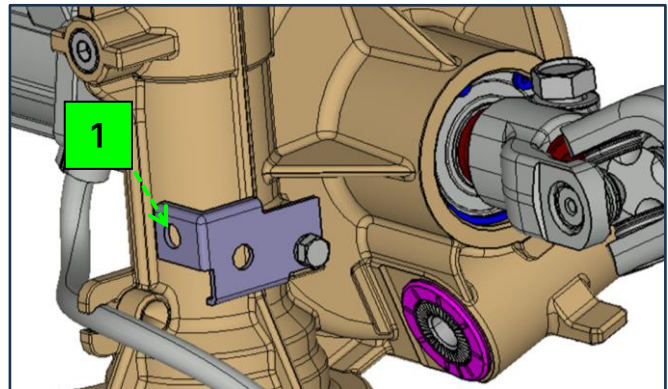
**Replacement Procedure: (Main Harness)**

1. Open the hood.
2. Disconnect the 12V battery negative (-) terminal.
3. Replace the Main Wiring Harness (A) by referring to "Body (Interior and Exterior) → Crash Pad → Cowl Cross Bar Assembly → Repair procedures" in the applicable Shop Manual on KGIS.



**NOTE:** The "L" bracket has two holes.

Confirm the main harness (steering harness extension) clip location during re-assembly.



4. Reinstall all removed parts in reverse order of removal.
  5. Confirm normal vehicle operation.
- Claim Replacement Labor Op Code 241A17R0.**



SUBJECT:

**MDPS WIRE HARNESS INSPECTION AND REPAIR (SC309)****AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Sorento (MQ4a)	January 7, 2024 to February 28, 2024

**REQUIRED PART:**

Part Name	Part Number	Comments	Figure	Qty.
Main Wire Harness	91150 R5160QQK	Refer to EPC for main wire harness part number	N/A	1
	91150 R5190QQK			
	91150 R5100QQK			
	91150 R5090QQK			
	91150 R5180QQK			
	91150 R5010QQK			
	91150 R5050QQK			

**NOTE:** The replacement part numbers will require a VIN entry for parts ordering. DO NOT order these parts for stocking purposes, related to this Campaign. Supply is very limited. Until supply stabilizes, please confirm part availability before scheduling customers. Please be sure to expedite warranty claim filing.





SUBJECT:

**MDPS WIRE HARNESS INSPECTION AND REPAIR (SC309)****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	91150 R5010	0	(SC309) Wire Harness Inspection (OK)	241A17I0	0.2 M/H	N/A	0
			(SC309) Wire Harness Inspection (NG) + Harness Clip Relocation	241A17I1	0.2 M/H		
			(SC309) Wire Harness Inspection (NG) + Harness Clip Relocation + Insulation Repair	241A17I2	0.4 M/H		
			(SC309) Wire Harness Inspection (NG) +Harness Clip Relocation + Main Harness Replacement	241A17R0	4.4	91150 R5160QQK or 91150 R5190QQK or 91150 R5100QQK or 91150 R5090QQK or 91150 R5180QQK or 91150 R5010QQK or 91150 R5050QQK	1

**Note:** Refer to [Warranty Bulletin 2024-26](#) for claim submission procedures. Use sublet code 'X2' for 3 day rental reimbursement if vehicle is to be parked, waiting for a wire harness assembly replacement. **Attach a KVID photo of a NG condition when claiming Op Codes 241A7I2 and 241A7R0.**

**NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SC309** when accessing the KDealer+ system.