



| GROUP                                | MODEL  |
|--------------------------------------|--|
| Noncompliance Safety Recall Campaign | 2016-2018MY<br>Optima (JF, JFa),<br>Optima P/HEV (JF P/HEV)<br>2016-2017MY<br>Rio (UB) 4DR Sedan |
| NUMBER                               | DATE   |
| SC278                                | October 2023   |

## NONCOMPLIANCE SAFETY RECALL CAMPAIGN

SUBJECT: **TRUNK LATCH SUB ASSEMBLY REPLACEMENT (SC278)**

This bulletin provides information to replace the trunk lid latch sub assembly on the following vehicles listed on page 3. A crack can develop in the pawl of the trunk latch base subassembly which can intermittently cause the trunk's interior emergency release lever to be inoperative. As a result, the subject vehicles fail to comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) 401, "Interior Trunk Release". In the rare event that a person is inside the trunk compartment at the same time the latch pawl cracks, the person may not be able exit the trunk, thereby increasing the risk of injury. Follow the procedure outlined in this publication to replace the trunk lid latch sub assembly 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.

A printed copy is for reference only; publication information can be updated at any time. Always refer to KGIS for the latest information. After logging in kdealer.com, the newest technical publications are listed in 'Service Releases' and has the latest service information that has been released.

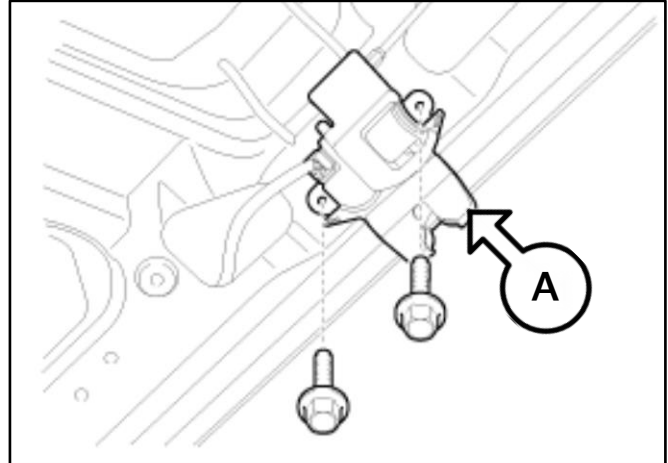
## Replacement Procedure:

1. Remove the trunk lid latch assembly (A) by referring to "Body (Interior and Exterior) → Trunk Lid → Trunk Lid Latch → Repair procedures" in the applicable Shop Manual on KGIS.

**Note:** Be sure to replace any damaged clips from the trunk lid trim during removal.

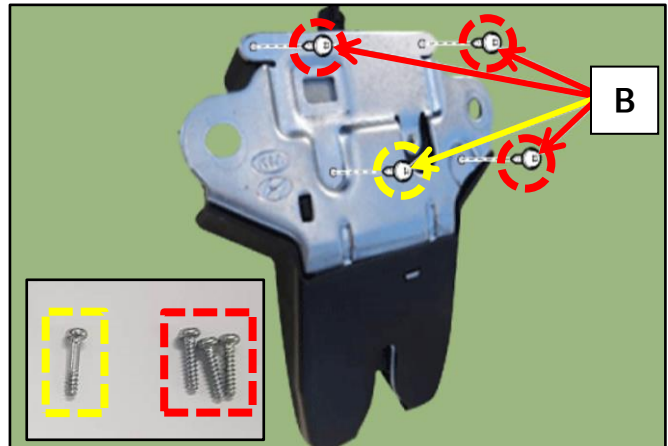


Tightening torque for trunk lid latch (A):  
5.1 - 8.0 lb.ft (6.9 - 10.8 N.m)



2. Loosen the four (4) mounting screws (B).

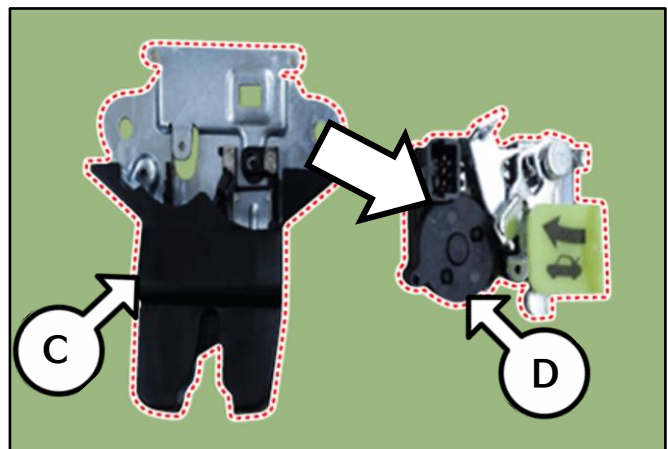
**Note:** The bottom left screw is different than the other three (3). It is partially threaded with a long shank.



3. Separate the latch base sub assembly (C) from the latch actuator assembly (D).

### NOTICE

The latch actuator assembly (D) will be reused.



SUBJECT:

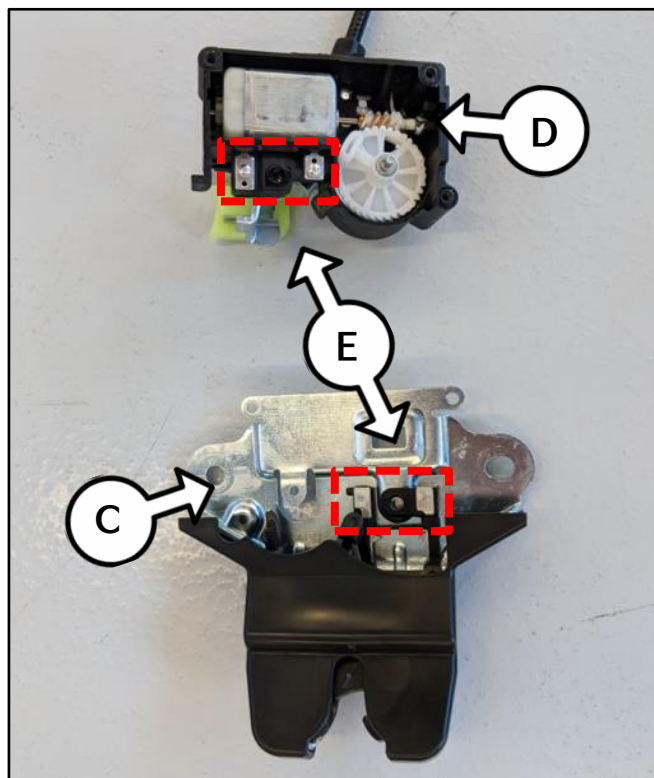
## TRUNK LATCH SUB ASSEMBLY REPLACEMENT (SC278)

- Reassemble the trunk lid latch assembly (A) by attaching the trunk latch actuator (D) to the new latch base sub assembly (C).

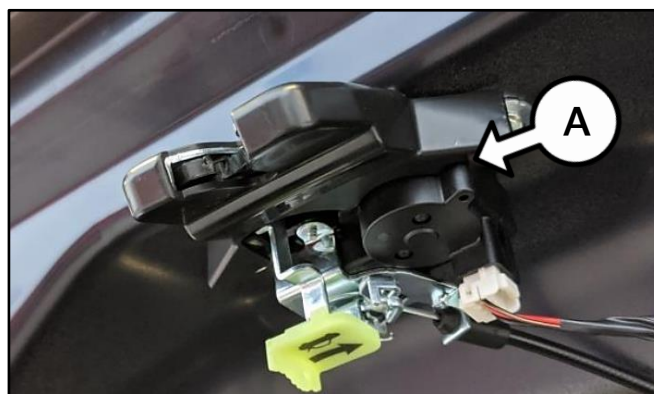
**Note:** The bottom left screw is different than the other three (3). It is partially threaded with a long shank. When installing new part, ensure the correct screws are installed in the appropriate locations.

**ⓘ IMPORTANT**

Be sure to not let any foreign material adhere to the terminals (E) between the new sub base assembly (C) and latch actuator assembly (D).



- Reinstall all removed parts in reverse order of removal.
- Confirm that the trunk lid latch assembly (A) operates normally when opening and closing the trunk.




SUBJECT:

**TRUNK LATCH SUB ASSEMBLY REPLACEMENT (SC278)****AFFECTED VEHICLE RANGE:**

| Model                 | Production Date Range                  |
|-----------------------|--|
| Optima (JF)           | February 02, 2016 to November 28, 2017 |
| Optima (JFa)          | August 28, 2015 to March 06, 2018      |
| Optima HEV (JF HEV)   | June 27, 2016 to November 21, 2017     |
| Optima PHEV (JF PHEV) | August 25, 2016 to November 22, 2017   |
| Rio (UB) - 4DR Sedan  | March 03, 2015 to March 31, 2017       |

**REQUIRED PART:**

| Part Name                | Model               | Part Number    | Figure  | Qty.                     |
|--------------------------|---------------------|----------------|---|--------------------------|
| Trunk Latch Sub Assembly | All                 | 81231 1W000QQK |  | 1                        |
| Clips                    | JF, JFa<br>JF P/HEV | 14206 08250B   | N/A   | Up to 13<br>(if damaged) |
|                          | UB                  | 86595 2T500    |   | Up to 10<br>(if damaged) |

Note: PN's - 14206 08250B and 86595 2T500 are to be replaced ONLY if the clips cannot be reused.

**WARRANTY INFORMATION:**

**N Code: N99 C Code: C99**

| Model          | Claim Type | Causal P/N  | Qty. | Repair Description                              | Labor Op Code | Op Time    | Replacement P/N                                 | Qty. |
|----------------|------------|-------------|------|---|---------------|------------|---|------|
| JF<br>JF P/HEV | R          | 81230 D4000 | 0    | (SC278)<br>Trunk Latch Sub Assembly Replacement | 231085R1      | 0.4<br>M/H | 81231<br>1W000QQK<br><b>and</b><br>14206 08250B | 1    |
| JFa            |            |             |      |   | 231A28R0      |            |   |      |
| UB             |            | 81230 1W010 |      |   | 231085R0      | 0.3<br>M/H | 81231<br>1W000QQK<br><b>and</b><br>86595 2T500  | 1    |

Note: Refer to Warranty Bulletin 2023-34 for claim submission procedures. Manually enter sublet code 'X2' for reimbursement of one roundtrip rideshare expense or up to three (3) days of rental expense, with supporting documentation.

**NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SC278** when accessing the KDealer+ system.