



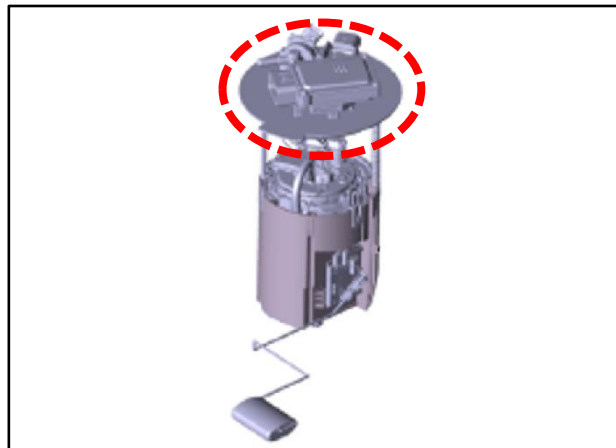
| | |
|--------|------------------------------|
| GROUP | MODEL |
| FUE | 2018-2019MY Sorento (UMa) |
| NUMBER | DATE |
| 064 | July 2023 |

TECHNICAL SERVICE BULLETIN

SUBJECT:

FUEL PUMP INSPECTION AND UPPER FUEL PUMP MODULE REPLACEMENT

This bulletin provides information associated with the 'Fuel Pump Warranty Extension Program' (WTY033) to inspect the low-pressure fuel pump on 2018-2019MY Sorento (UMa) vehicles produced from March 31, 2017 through July 24, 2019. The low-pressure fuel pump in the subject vehicles may develop a fuel leak over time and after prolonged exposure to extreme high temperature due to insufficient thickness of the fuel pump port. The vehicle's warranty for this issue will be extended from 5 years/60,000 miles to 15 years / unlimited miles, whichever comes first, starting from the date the vehicle was first put into service. Follow the procedure outlined in this publication to inspect the fuel pump port connection for a leak and, if necessary, replace the upper fuel pump module in the subject vehicle.

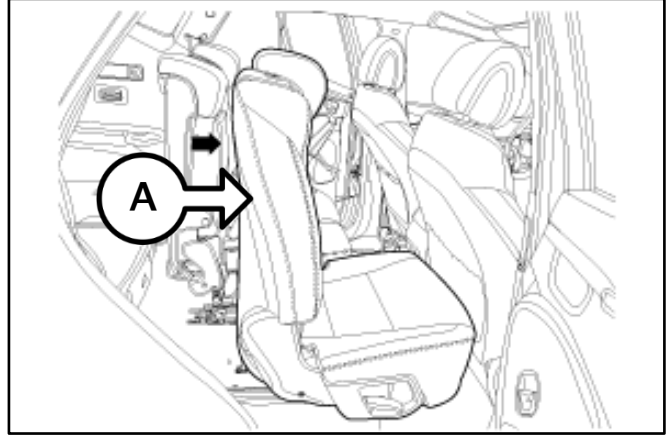


NOTICE

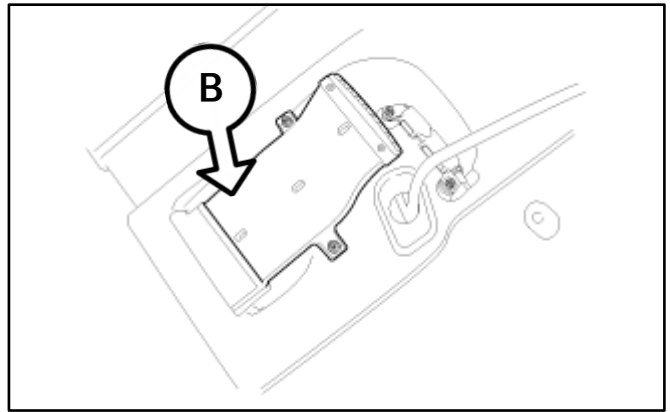
A Technical Service Bulletin is a field fix repair program without customer notification that may be performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Inspection Procedure:

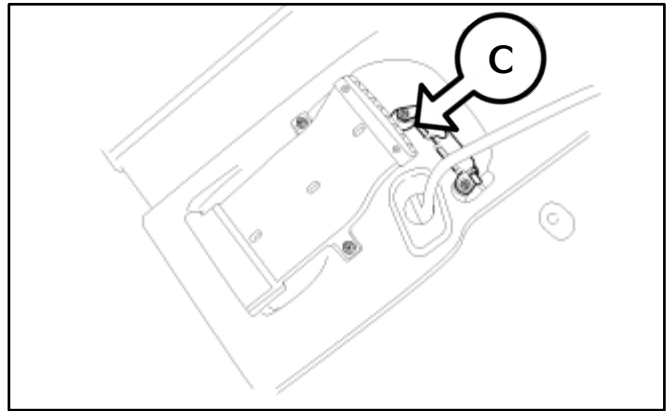
1. Remove the second-row seat (A) by referring to "Body (Interior and Exterior) → Rear Seat → Rear Seat Assembly → Repair Procedures (Second Row Seat Assembly)" in the applicable Shop Manual on KGIS.



2. Remove the rear seat LH duct (B)



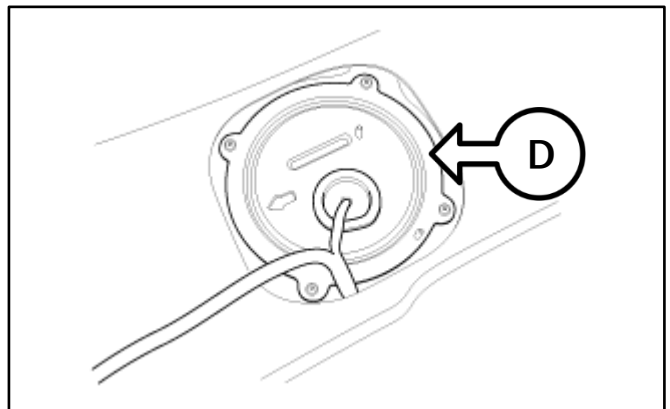
3. Remove the seat cable bracket (C).



4. Loosen the four (4) screws to remove the fuel pump service cover (D).

ⓘ IMPORTANT

If no access hole is visible, it may be necessary to cut an access hole in the carpet to gain access the fuel pump service cover.



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5. Clean the fuel pump feed port in the area shown using brake cleaner and blowing with shop air.

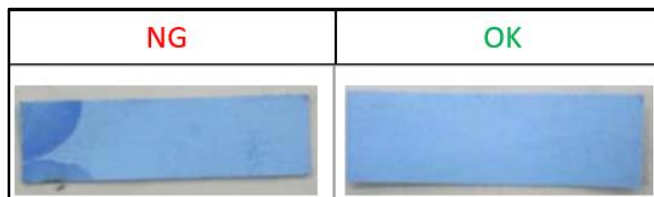
Note: DO NOT attempt to touch/wipe the area prior to completing inspection instructions. The brake cleaner must be completely dissolved before proceeding to the following steps.



6. 'Start' the engine allow to idle.
7. Place the inspection paper under the fuel pump port as shown for ten (10) to fifteen (15) seconds.



8. Is a fuel leak present?
 - If the inspection paper remains dry and no visible fuel leak is present (**OK**), then no further action is required. Proceed to step 9.
 - If the inspection paper is moist and fuel leak is present (**NG**), then shut the engine 'OFF' and skip to the 'Repair Procedure' on page 4.

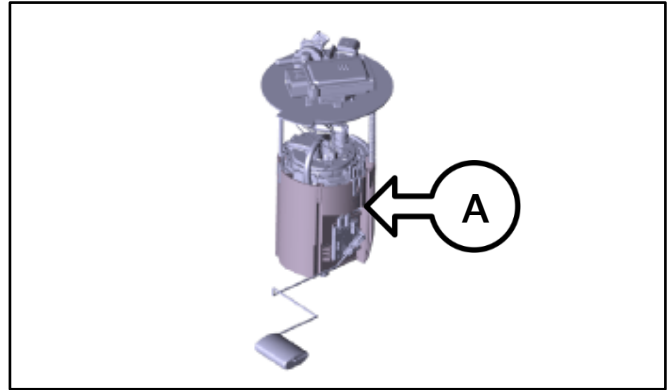


9. Shut the engine off.
10. Reinstall all removed parts in the reverse order of removal.
11. Confirm normal vehicle operation.

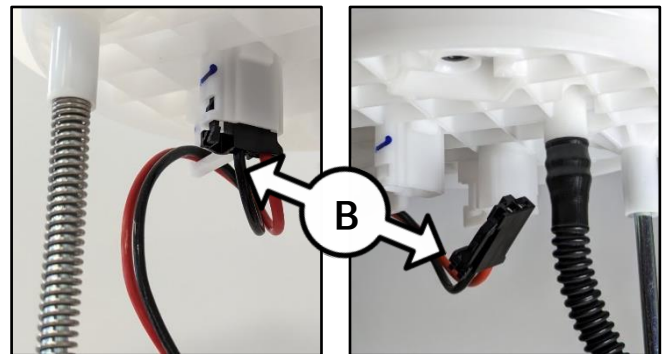
Replacement Procedure:

1. Release residual fuel pressure in the fuel lines by referring to "Engine Control / Fuel System → Release Residual Pressure in Fuel Line" in the applicable Shop Manual on KGIS.
2. Remove the fuel pump control module (FPCM) assembly (A) by referring to "Engine Control / Fuel System → Fuel Delivery System → Fuel Pump Control Module (FPCM) → Repair Procedures" in the applicable Shop Manual on KGIS.

Note: DO NOT discard the FPCM mounting gasket. Required Tool: SST 09310 B8100



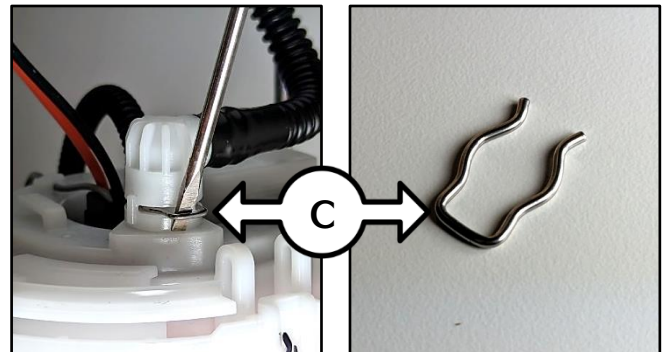
3. Disconnect the upper fuel pump module plate connector (B) and free the cable from the top plate.



4. Using a small flat head screw driver, carefully remove the clip (C) securing the fuel discharge hose (D).

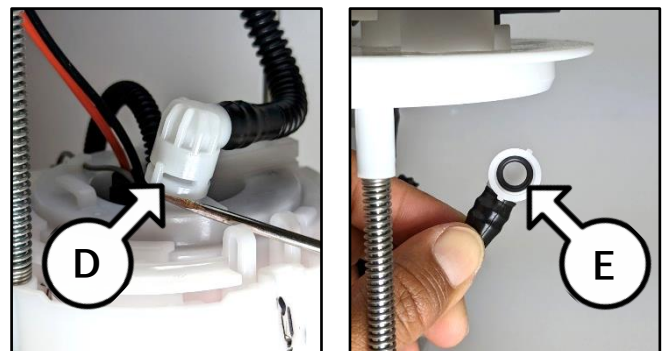
ⓘ IMPORTANT

During removal, ensure to not drop or lose the discharge hose clip (C).



5. Gently pull up on the fuel discharge hose connector (D) to disconnect it from the lower fuel pump module body.

Note: The new upper fuel pump module plate includes a new discharge O-ring (E).



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- 6a. Gently release the two (2) locking tab(s) on opposite ends of the lower fuel pump module body using a small flat head screwdriver.

⚠ CAUTION

Tabs can break if pried too far out or with excessive force. If the tab(s) break, the fuel pump assembly will need to be replaced.



- 6b.

🔧 TECH TIP

Hold the upper fuel pump module plate and gently pull upwards while gently releasing the locking tabs. The lower fuel pump module body will drop down unlocking from the rods.



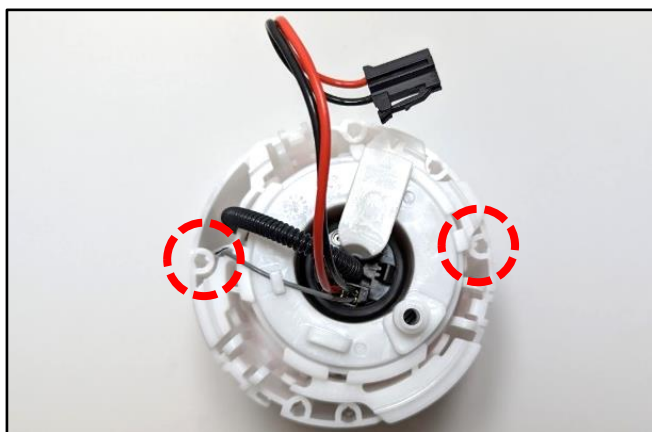
- 6c. Separate the upper fuel pump module plate from the lower body.

ⓘ IMPORTANT

During removal, ensure to not drop or lose the hose retaining clip from step 4 and pipe support springs, as they will be reused on the new assembly plate.

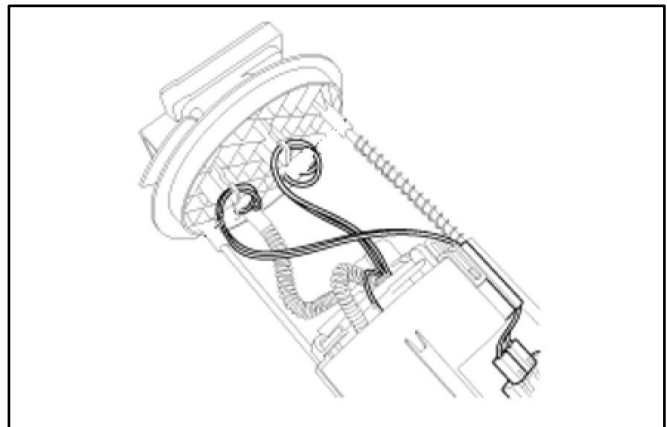
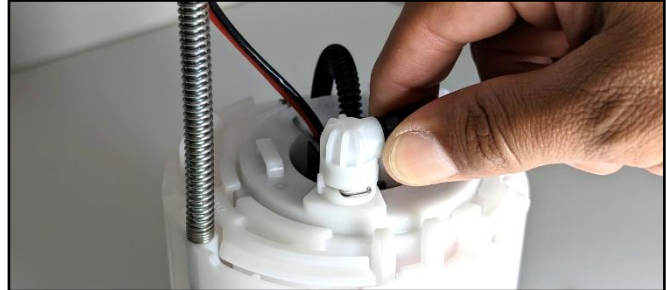


7. Before installing the new upper fuel pump module plate, confirm the location of both (2) plate rod insertion points on the lower fuel pump module body.



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- 8a. Install the new upper fuel pump module plate.
- 8b. Align the rods to the insertion points on the lower fuel pump module body and gently push down to lock on the two (2) locking tabs.
Note: A click sound will be heard when the rods have engaged the locking tabs.
- 8c. Connect the discharge hose and apply pressure downward to insert.
Note: Confirm the O-ring is still inside the hose connector.
- 8d. Secure the discharge hose by inserting the locking clip. Perform a light pull/push/pull to confirm the discharge hose is locked on.
9. Reconnect the fuel pump sender connector and ensure the cable is completely inserted/secured to the retaining hook.

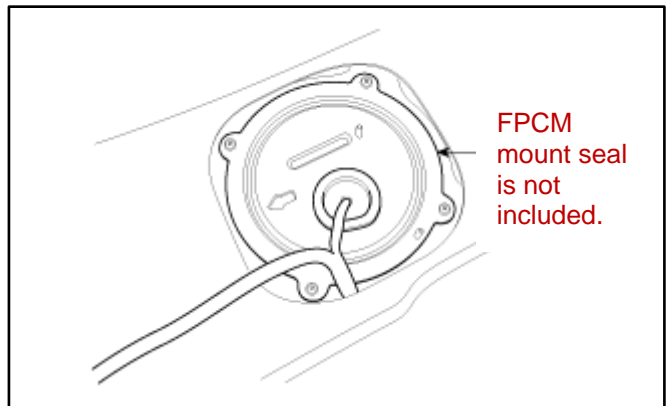


10. Install the fuel pump module back to vehicle.

ⓘ IMPORTANT

The fuel pump module mount seal (from step 1) will be reused and is NOT INCLUDED with the new fuel pump module upper plate.

11. Reinstall all other removed parts in the reverse order of removal.
12. Confirm normal vehicle operation.





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| Model | Production Date Range |
|---------------|---------------------------------|
| Sorento (UMa) | March 31, 2017 to July 24, 2019 |

REQUIRED TOOL:

| Tool Name | Figure | Comments |
|-------------------------------|---|-------------|
| Fuel Pump Plate Cover Remover |  | 09310 B8100 |

REQUIRED PART:

| Part Name | Part Number | Figure | Qty. |
|------------------------|----------------|---|------|
| Upper Fuel Pump Module | 31113 C6200QQK |  | 1 |
| Inspection Paper | NWPGEN180 |  | 2 |

WARRANTY INFORMATION:**N Code: S21 C Code: ZZ3**

| Claim Type | Causal P/N | Qty. | Repair Description | Labor Op Code | Op Time | Replacement P/N | Qty. |
|------------|----------------------------------|------|--|---------------|------------|-----------------|------|
| W | 31120 C6200 or 31111 C2500 | 0 | Fuel Pump Inspection | 232A14I0 | 0.5 M/H | N/A | 0 |
| | | | Fuel Pump Inspection and Fuel Pump Upper Bracket Replacement | 232A14R0 | 1.2 M/H | 31113 C6200QQK | 1 |