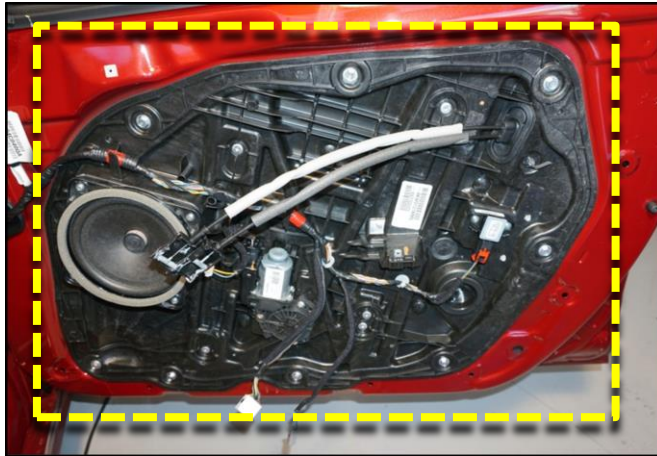
	GROUP BOD	MODEL 2014~2015MY Optima (QF)
	NUMBER 120	DATE January 2016
TECHNICAL SERVICE BULLETIN		
SUBJECT: SERVICE ACTION: DOOR MODULE REPLACEMENT (SA 218)		

This bulletin provides the procedure to replace right front door module assembly on certain 2014~2015MY Optima (QF) vehicles, produced from March 1, 2014 through July 31, 2014, which may exhibit an inoperative power window. Kia is requesting the completion of this Service Action on all affected vehicles, including dealer stock, prior to delivery. Before conducting the procedure, verify 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 SA 218.

File Under: <Body>

-
- Circulate To: General Manager Service Manager Parts Manager
- Service Advisor(s) Technician(s) Body Shop Manager Fleet Repair

SUBJECT: SERVICE ACTION: DOOR MODULE REPLACEMENT (SA 218)

Service Procedure:

- 1. Open the passenger side door.

CAUTION

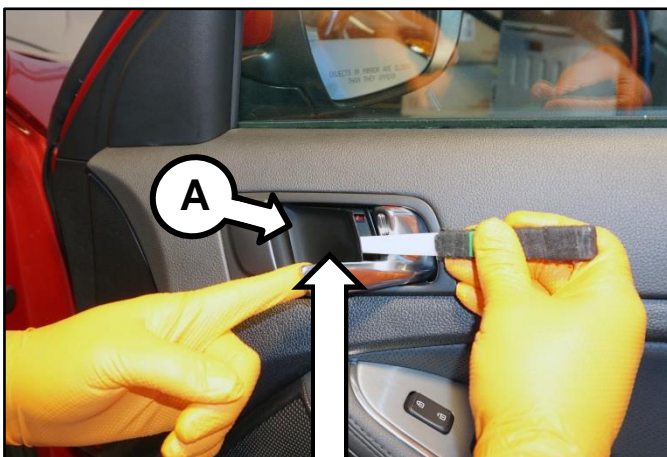
Be sure to wear disposable gloves throughout this procedure to avoid soiling interior trim panels.



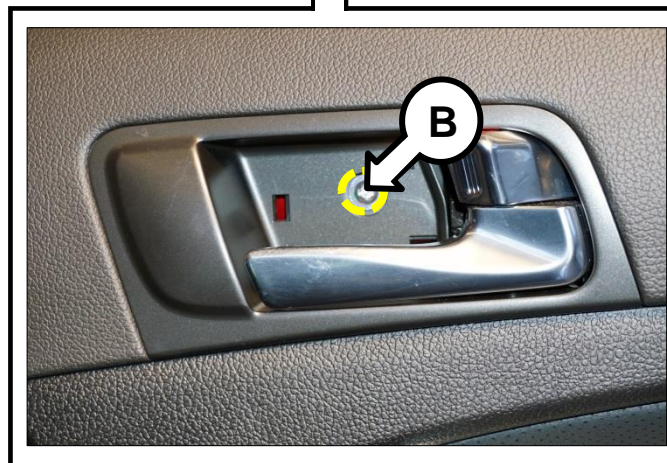
- 2. Use a non-marring trim panel tool to remove the trim cover (A) behind the door handle, as shown.

CAUTION

Use a non-marring trim removal tool (Such as Snap-on® Part Number PBN5 or equivalent) to avoid damaging trim pieces.

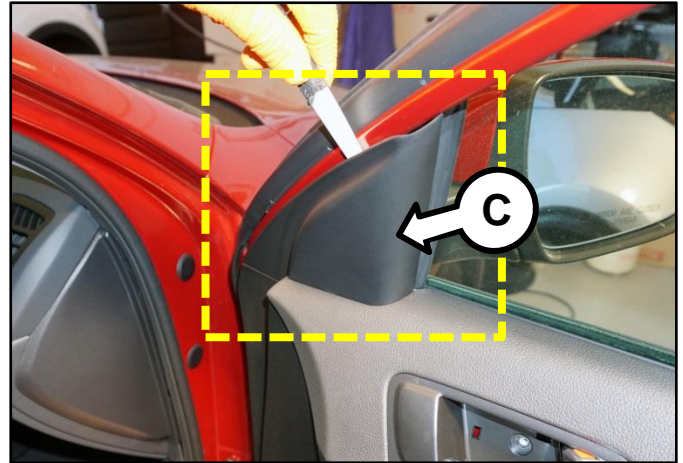


- 3. Remove one (1) screw (B) securing the door panel to the area behind the door panel.

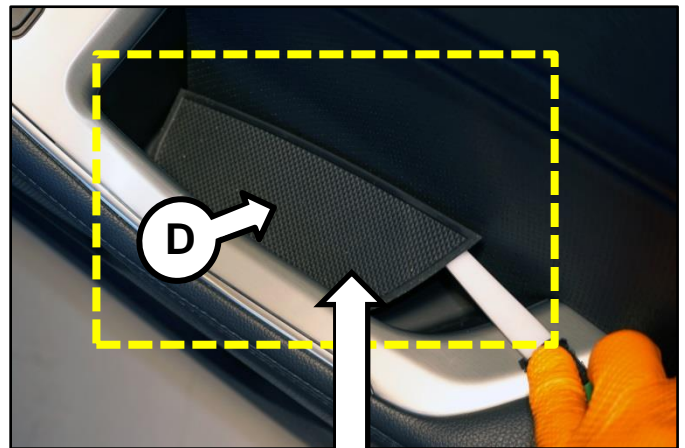


SUBJECT: SERVICE ACTION: DOOR MODULE REPLACEMENT (SA218)

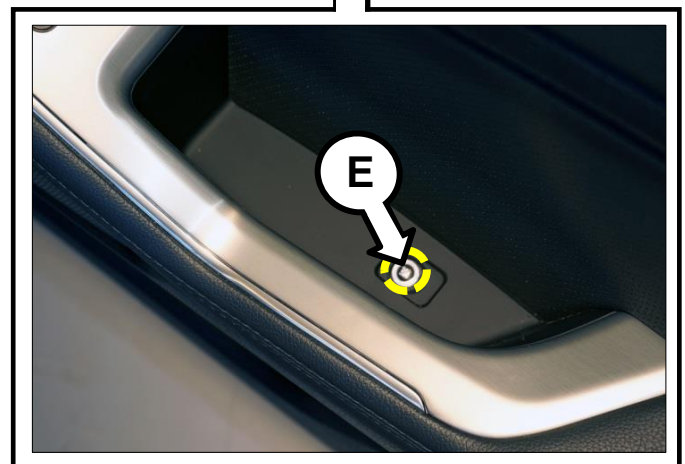
4. Remove the quadrant inner cover (C) from the passenger side door, as shown.



5. Use a non-marring trim panel removal tool to remove the mat (D) from the interior door handle pocket area, as shown.



6. Remove one screw (E) from the interior door handle pocket area.



SUBJECT: SERVICE ACTION: DOOR MODULE REPLACEMENT (SA 218)

- 7. Dislodge the bottom portion of the door panel (F) using a non-marring trim panel removal tool. Then, pull on the door pocket to remove the door panel from the door.

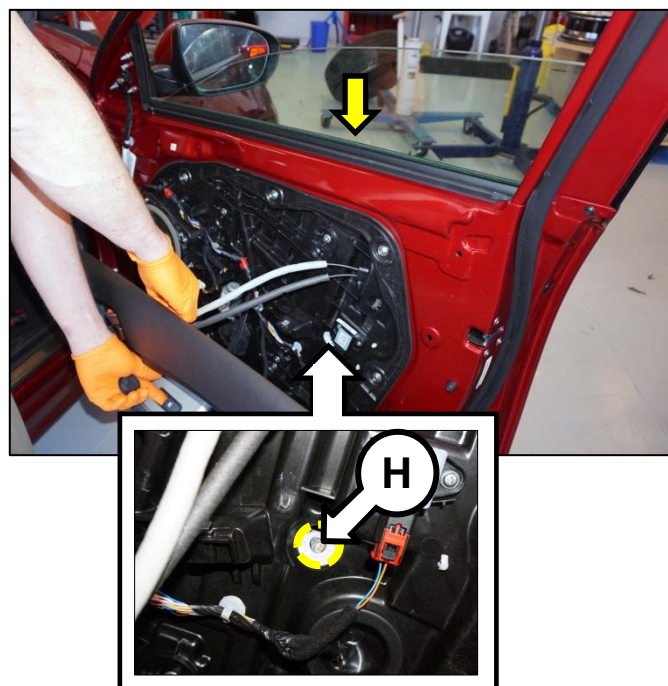


- 8. Support the door panel and remove the rubber plug (G) from the door module, as shown.



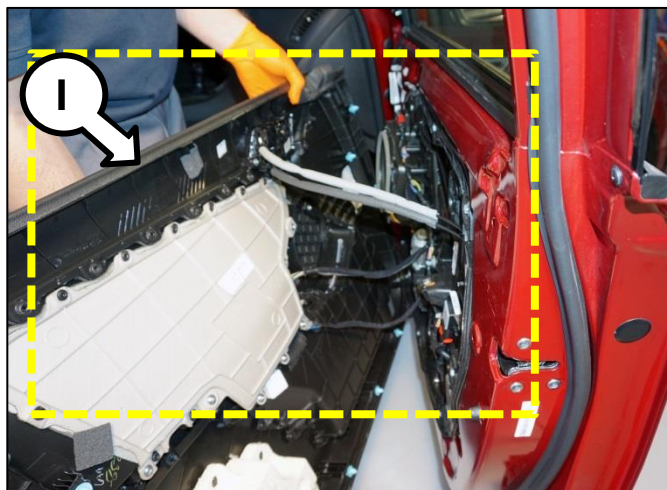
- 9. Lower the door glass until it aligns with the access hole on the door module and remove one (1) bolt (H) securing the glass in place.

Tightening Torque: 48 in-lb (5.4 Nm)

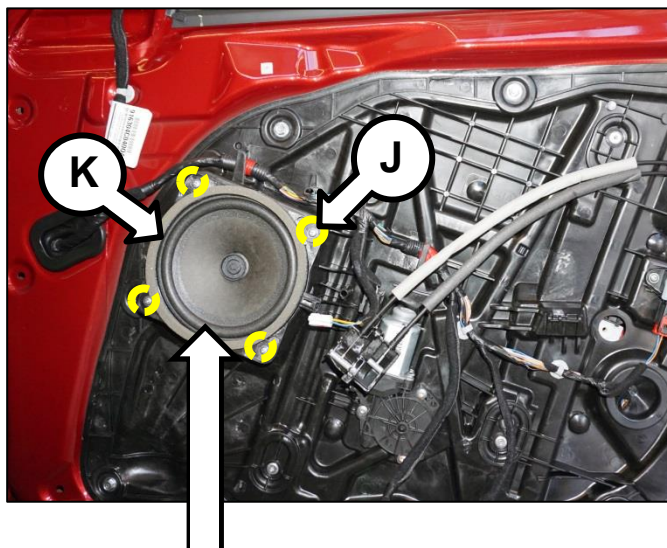


SUBJECT: SERVICE ACTION: DOOR MODULE REPLACEMENT (SA218)

10. Remove the door handle actuator cables and all electrical connectors from the door panel (I). Then, carefully remove the door panel from the vehicle.

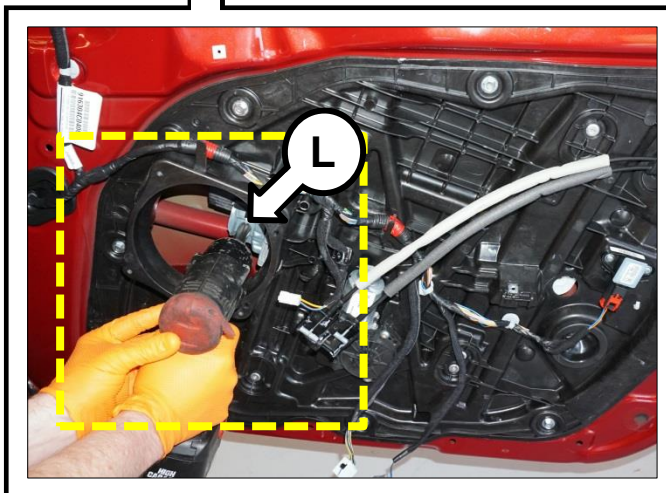


11. Remove four (4) screws (J) securing the speaker (K) to the door module.



12. Remove one (1) bolt (L) securing the door glass in place.

Tightening Torque: 48 in-lb (5.4 Nm)

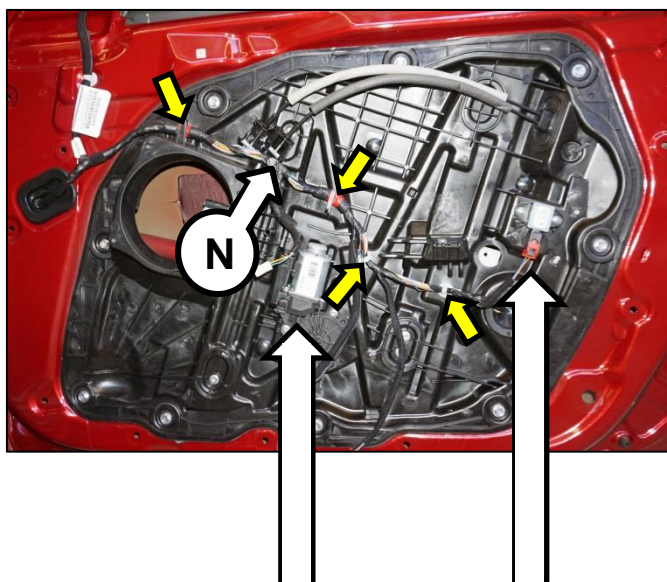


SUBJECT: SERVICE ACTION: DOOR MODULE REPLACEMENT (SA 218)

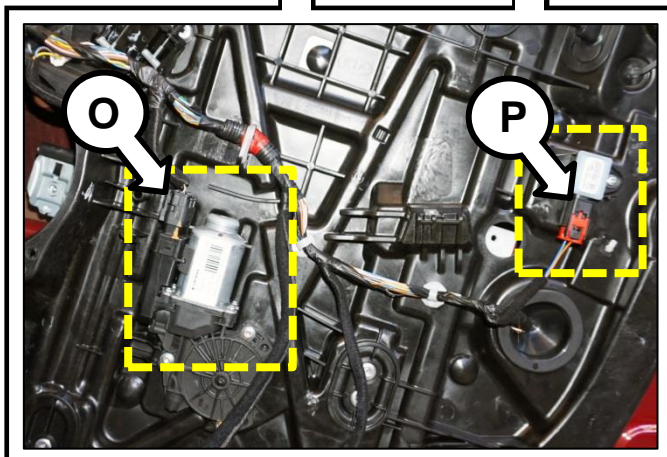
- 13. Manually pull the glass up until it reaches the closed position and use a non-marring "C" clamp (M), or equivalent, to secure the glass in place.



- 14. Remove the door harness (N) from the attachment points on the door module.



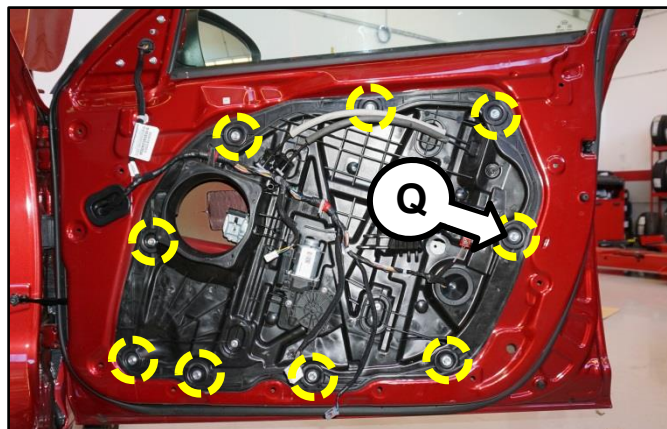
- 15. Disconnect the window motor (O) and the side impact sensor (P) connectors.



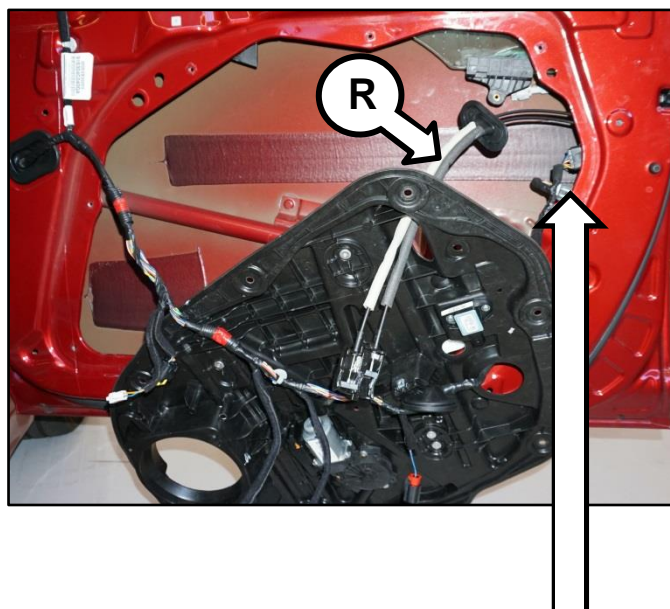
SUBJECT: SERVICE ACTION: DOOR MODULE REPLACEMENT (SA218)

16. Remove nine (9) bolts (Q) securing the inner door panel to the door frame.

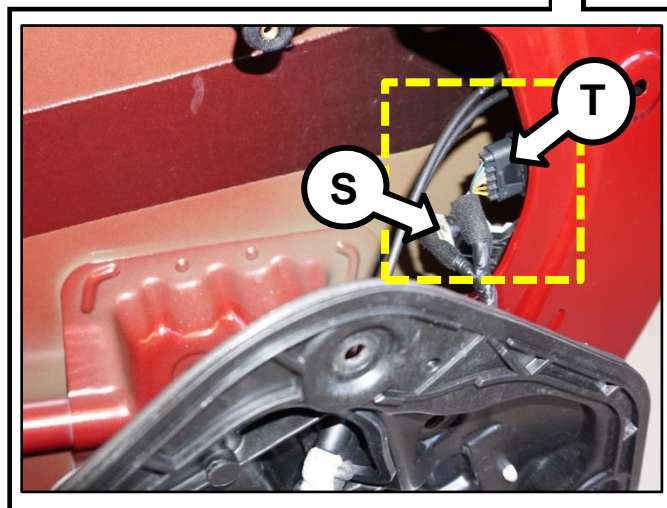
Tightening Torque: 86 in-lb (9.7 Nm)



17. Guide the actuator cables (R) through the access hole in the door module.

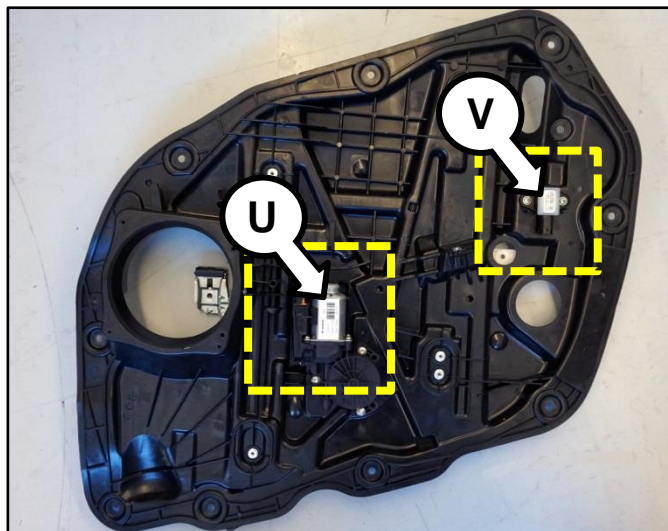


18. Disconnect the two door harness connectors (S & T) on the door and remove the door module.



SUBJECT: SERVICE ACTION: DOOR MODULE REPLACEMENT (SA 218)

- 19. Transfer the window motor (U) and the side impact sensor (V) onto the new door module.



- 20. Reinstall the new door module onto the door by reversing the removal steps.
- 21. Start the vehicle and check for proper door locking and unlocking operation and for any possible lights on the dash.

*** NOTICE**

After completing the procedure, use Kia Glass Cleaner (P/N UM040 CH006) to ensure all windows are clean.




SUBJECT: SERVICE ACTION: DOOR MODULE REPLACEMENT (SA218)

AFFECTED VEHICLE PRODUCTION RANGE:

Model	Production Date Range
Optima (QF)	From March 1, 2014 through July 31, 2014

PARTS INFORMATION:

Part Name	Part Number	Qty.	Figure
Door Module	82481 4C501QQK	1	

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	82481 4C500	0	(SA 218) Door Module Replace	150A22R0	0.6 M/H	82481 4C501QQK	1

*** NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA 218 when accessing the WebDCS system.