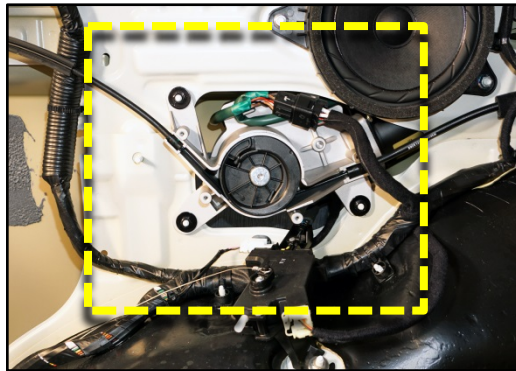
	GROUP BOD	MODEL 2015~2016MY Sedona (YP)
	NUMBER 116	DATE November 2015
TECHNICAL SERVICE BULLETIN		
SUBJECT: SERVICE ACTION: POWER SLIDING DOOR (PSD) INSPECTION AND/OR REPAIR (SA 210)		

This bulletin provides the procedure to inspect and/or repair the power sliding doors (PSD) of some 2015~2016MY Sedona (YP) vehicles, produced from January 6, 2015 through July 6, 2015, which may exhibit an inoperative power sliding door(s). To correct and/or prevent this condition, 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 210.

File Under: <Body>

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

SUBJECT:

SERVICE ACTION: POWER SLIDING DOOR (PSD) INSPECTION AND/OR REPAIR (SA 210)

Inspection Procedure:

★ NOTICE

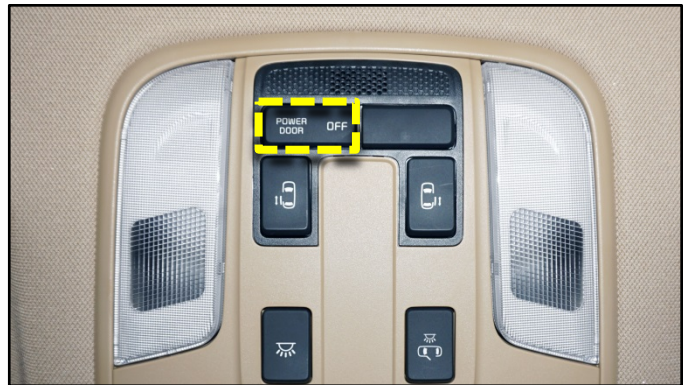
The Service Action VIN list is divided into three (3) repair levels: vehicles that require PSD motor drum screw replacement on the left side, right side, or both sides. Regardless, an initial check for correct PSD cable routing is required for all affected vehicles in this Service Action. Refer to step 3, on Page 3, for action to take based on inspection results.

1. Press the Power Sliding Door (PSD) button to turn the PSD system OFF.

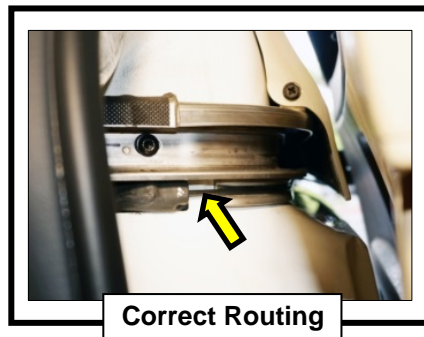
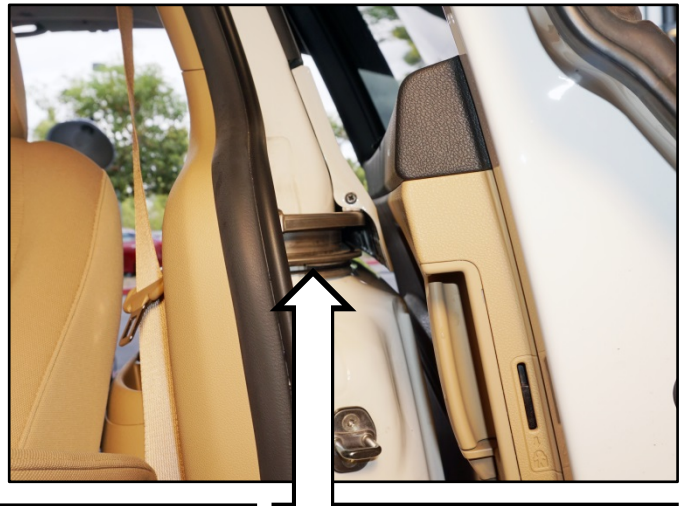


CAUTION

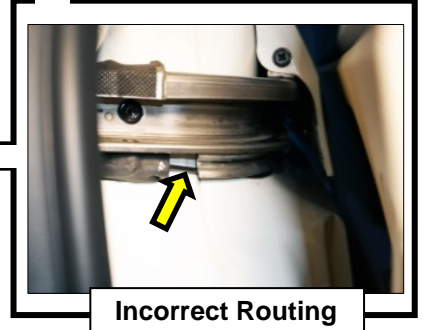
Be sure to wear disposable gloves throughout this procedure to avoid soiling any interior trim components.



2. Manually open the left and right power sliding doors and inspect the routing of the PSD motor cable (on both sides of the vehicle), as shown.



Correct Routing



Incorrect Routing

SUBJECT:

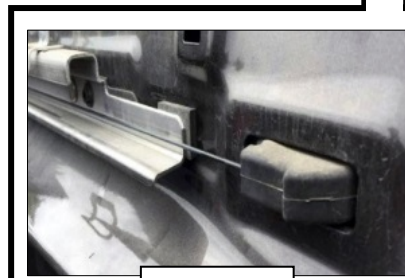
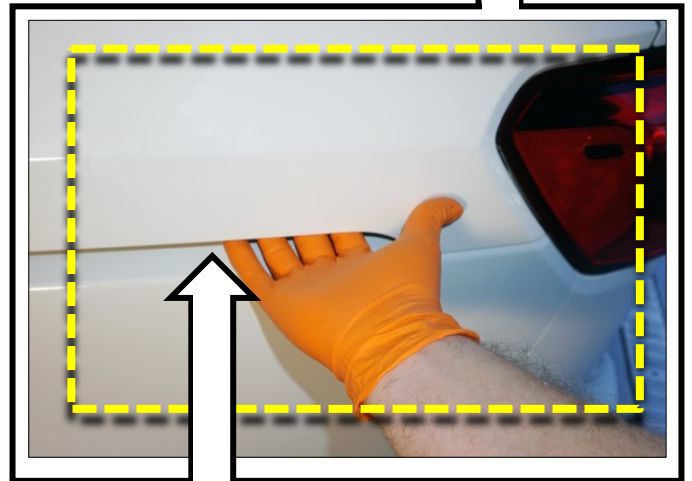
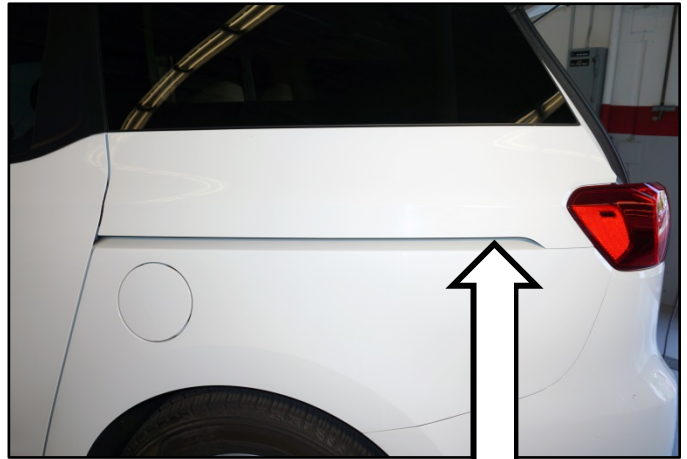
SERVICE ACTION: POWER SLIDING DOOR (PSD) INSPECTION AND/OR REPAIR (SA 210)

3. Inspect the cable routing under the sliding door trim panel at the rear of the vehicle (on both sides) and perform one of the procedures outlined below:

- A) If the cables are routed correctly in all four (4) locations, proceed to Page 4 and perform the “*PSD Motor Drum Screw Replacement*” procedure. **NOTE: use the SA # to determine which side(s) of the vehicle should be repaired, as shown in the table below:**

SA #	Procedure to Perform
SA210L	Left side only
SA210R	Right side only
SA210B	Both sides

- B) If either of the cables is out of position, proceed to Page 9 and perform the “*PSD Drive Motor Unit Replacement*” Procedure (for either or both sides with the cable out of location).



Correct



Incorrect

SUBJECT:

SERVICE ACTION: POWER SLIDING DOOR (PSD) INSPECTION AND/OR REPAIR (SA 210)

★ NOTICE

The Service Action VIN list is divided into three (3) repair levels: vehicles that require PSD motor drum screw replacement on the left side, right side, or both sides. Make sure to check every VIN # in DCS to determine whether drum screw replacement is required on the left side, right side, or both sides of the vehicle.

PSD Motor Drum Screw Replacement:

1. Open the tailgate and remove the weather strip from the trunk compartment opening.



CAUTION

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



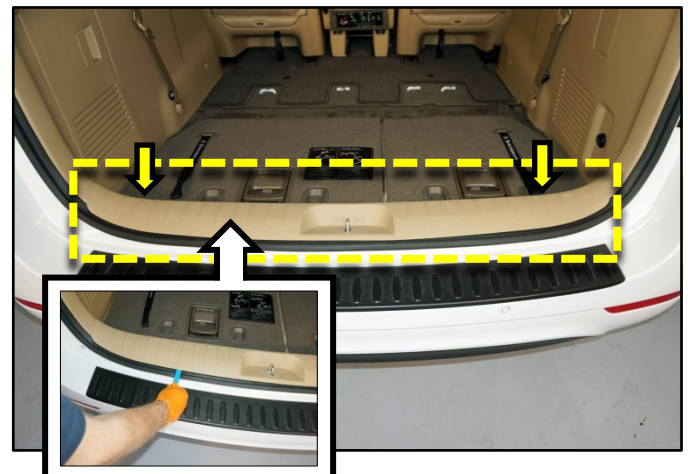
2. Fold and stow the third row seats, as shown.



★ NOTICE

If you are working on a vehicle that shows SA210L or SA210R open on DCS, ONLY disassemble/inspect the side that requires repair.

3. Remove two (2) screws from the leading edge of the trunk scuff guard. Then, use a non-marring trim removal tool to remove the trunk scuff guard trim, as shown. **NOTE:** replace any broken clip(s) with new ones.



SUBJECT:

SERVICE ACTION: POWER SLIDING DOOR (PSD)
INSPECTION AND/OR REPAIR (SA 210)

4. Remove the sliding door threshold trim piece, as shown. **NOTE: replace any broken clip(s) with new ones.**



5. Remove the scissor jack storage compartment access door.



6. Remove the upper seat belt trim panel. **NOTE: replace any broken clip(s) with new ones.**



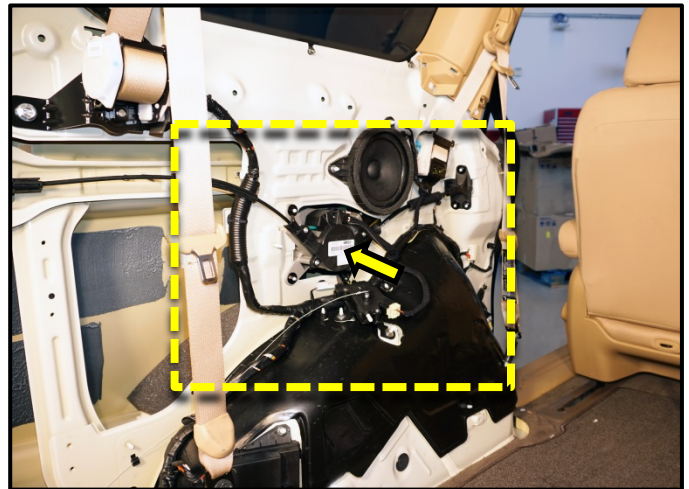
SUBJECT:

**SERVICE ACTION: POWER SLIDING DOOR (PSD)
INSPECTION AND/OR REPAIR (SA 210)**

7. Remove multiple bolts from the side trim panel, as shown, prior to removing the panel. **Note: replace any broken clip(s) with new clips.**



8. Once the side trim panel has been removed, locate the PSD motor housing, as shown.



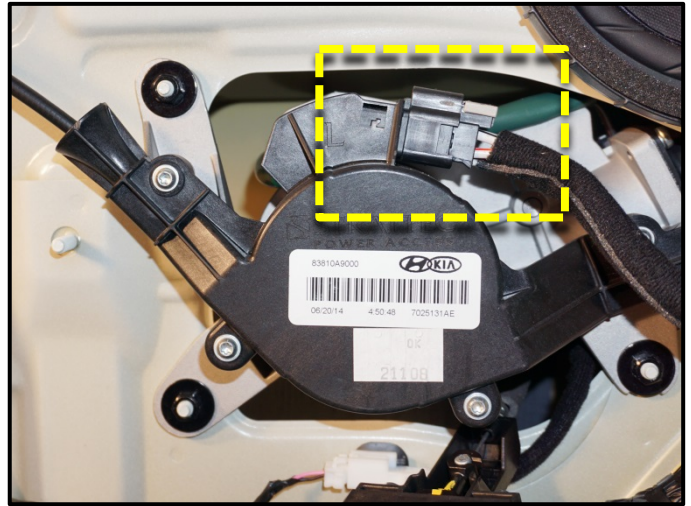
*** NOTICE**

On the right hand side of the vehicle, remove the heater ducting to access the PSD motor.

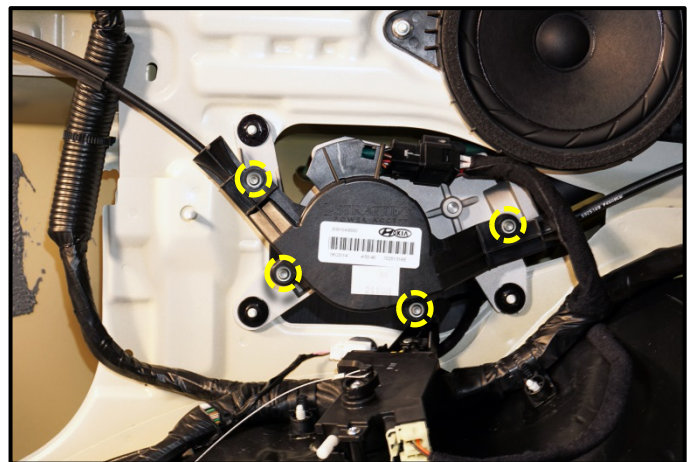


SUBJECT:**SERVICE ACTION: POWER SLIDING DOOR (PSD)
INSPECTION AND/OR REPAIR (SA 210)**

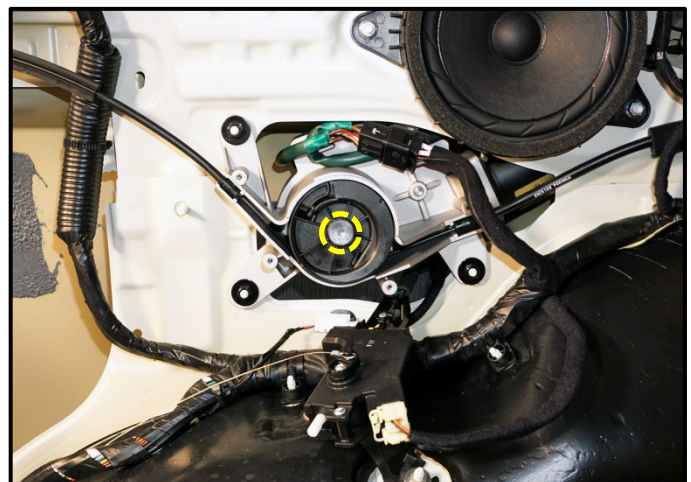
9. Disconnect the PSD motor connector.



10. Use a T20 Torx bit to remove four (4) screws securing the PSD motor cover in place.



11. Remove and discard the existing drum screw using a T30 Torx bit.



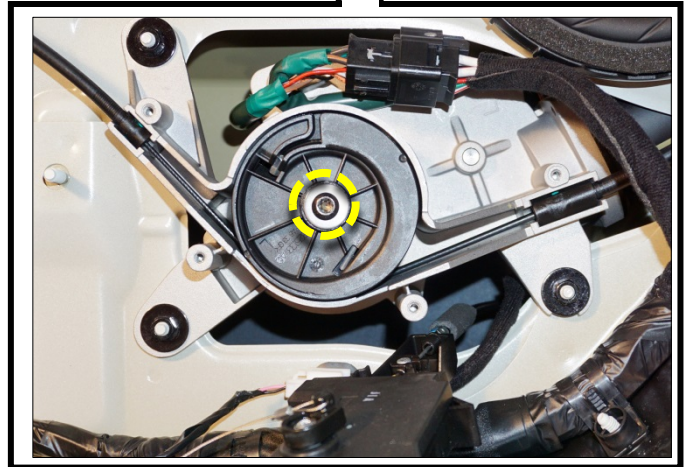
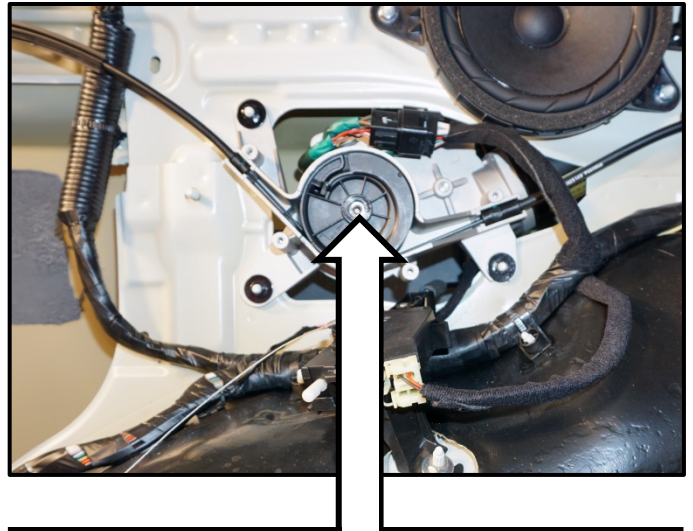
SUBJECT:

SERVICE ACTION: POWER SLIDING DOOR (PSD) INSPECTION AND/OR REPAIR (SA 210)

12. Make sure to clean any grease from the motor spindle and install the replacement bolt and washer, included in the parts kit, using a T30 Torx bit. **NOTE: bolt has built-in locking features and does NOT require thread locking compound.**

Tightening torque:

4.42~4.87 lb-ft (6.0~6.6 Nm)



13. Reinstall all removed components by reversing the order of removal.
14. Turn the PSD system back ON.
15. Perform the PSD system reinitialization procedure, as outlined below:
1. Remove Memory 2 (10A) fuse from the smart junction box (under dash).
 2. After one or two minutes have elapsed, reinstall the Memory 2 fuse.
 3. Close the sliding door(s).
 4. Open the sliding door(s), automatically, using the door handle.
 5. Close the sliding doors, automatically, using the door handles (make sure the door is fully latched).
 6. Perform the open-close sequence one more time.

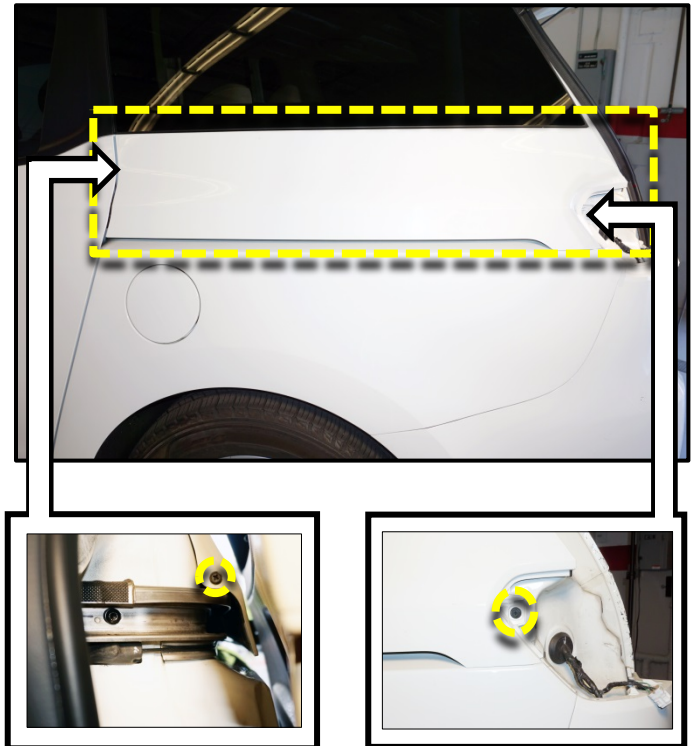
SUBJECT:

**SERVICE ACTION: POWER SLIDING DOOR (PSD)
INSPECTION AND/OR REPAIR (SA 210)****PSD Drive Motor Unit Replacement:**

1. Open the tailgate and remove the LH/RH rear combination tail lamps.



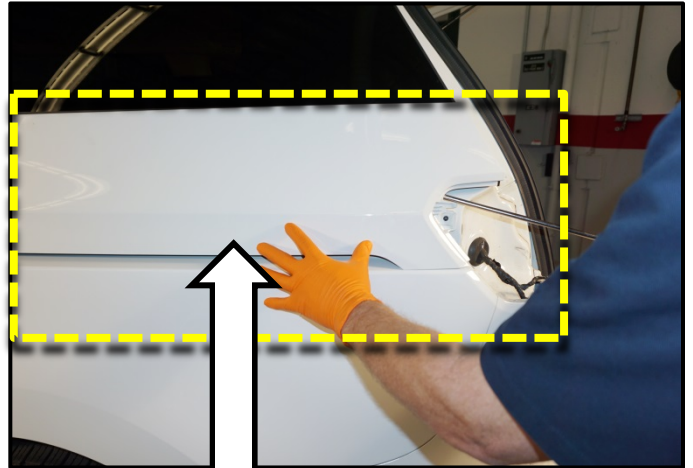
2. Remove one (1) screw from the front and one (1) screw from the rear of the sliding door trim panel, as shown.



SUBJECT:

**SERVICE ACTION: POWER SLIDING DOOR (PSD)
INSPECTION AND/OR REPAIR (SA 210)**

3. Use a panel removal tool to carefully remove the sliding door trim panel, as shown.



CAUTION

To prevent damaging the sliding power door trim panel, apply only even, and gentle, outward force to the panel, as the clips are being removed.



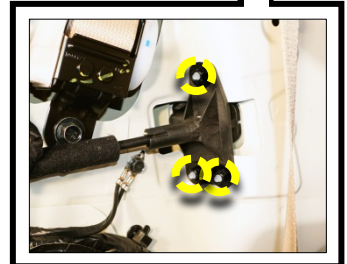
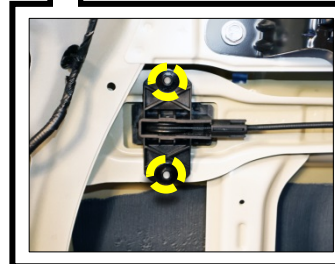
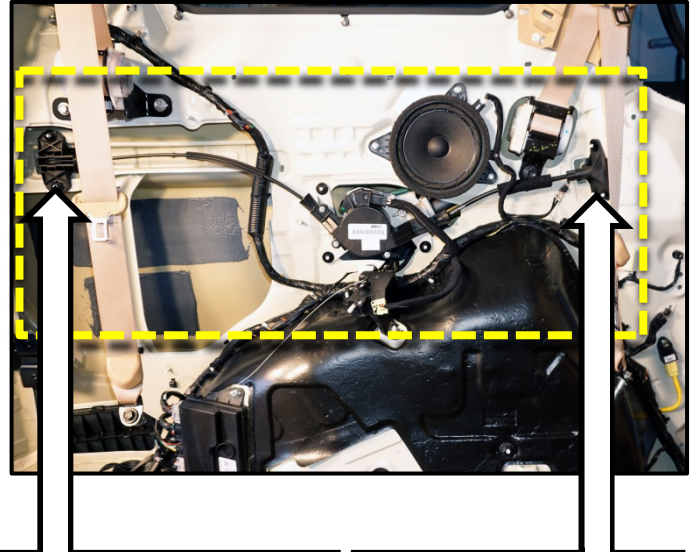
4. Use a flathead screwdriver, or a panel remover, to carefully remove all of the old clips from the sliding door trim panel, as shown.



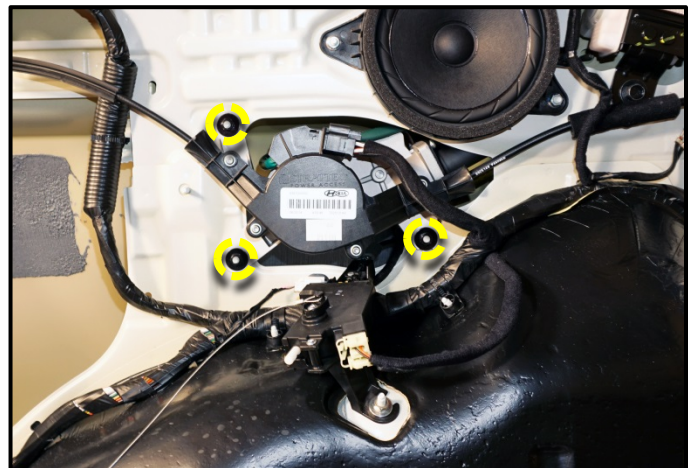
SUBJECT:

SERVICE ACTION: POWER SLIDING DOOR (PSD)
INSPECTION AND/OR REPAIR (SA 210)

5. Perform steps 1~7 from the “PSD Motor Drum Screw Replacement” procedure, on pages 4~6.
6. Remove two (2) nuts securing the left hand side PSD motor cable guide to the chassis and three (3) nuts securing the right hand side PSD motor cable guide to the chassis, as shown.



7. Remove three (3) nuts securing the PSD motor to the chassis, as shown.



SUBJECT:

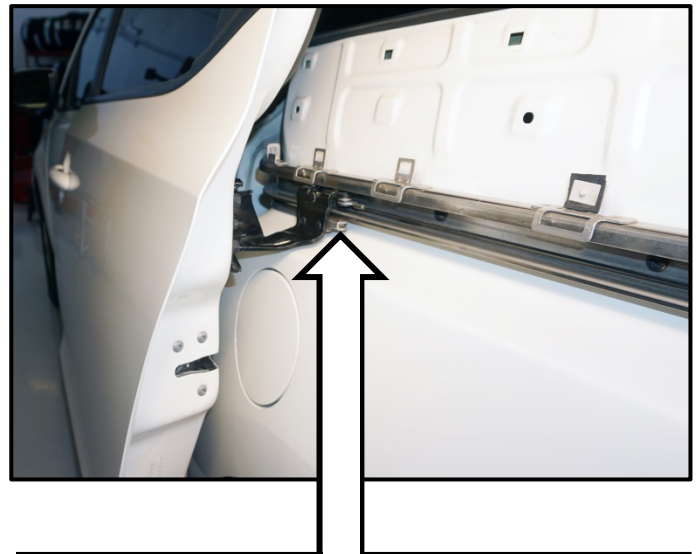
SERVICE ACTION: POWER SLIDING DOOR (PSD)
INSPECTION AND/OR REPAIR (SA 210)

★ NOTICE

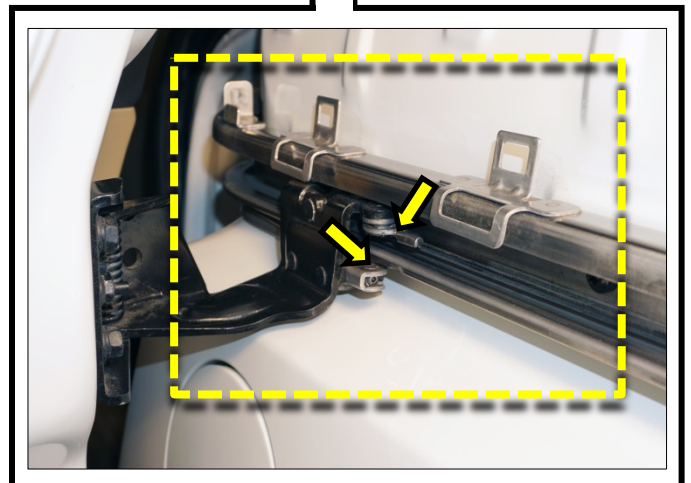
On the right hand side of the vehicle, remove the heater ducting, blower assembly, and related components, to access the PSD motor.



- 8. Pull and remove the rear cable by lowering the cable clip roller hinge post down. **NOTE: more detail on cable removal can be found in the notice box below.**



- 9. Remove the PSD motor cables from the center roller hinge. **NOTE: more detail on cable removal can be found in the notice box below.**



★ NOTICE

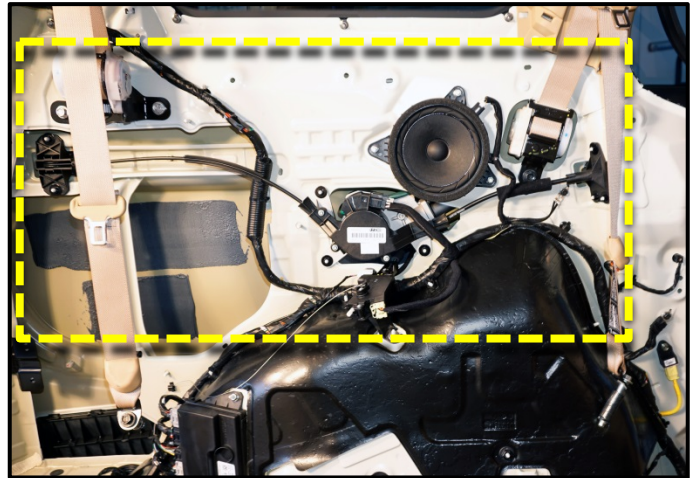
Refer to the link shown below, or scan the QR code, for a video tutorial on PSD cable removal.

[PSD Motor Cable Removal](#)

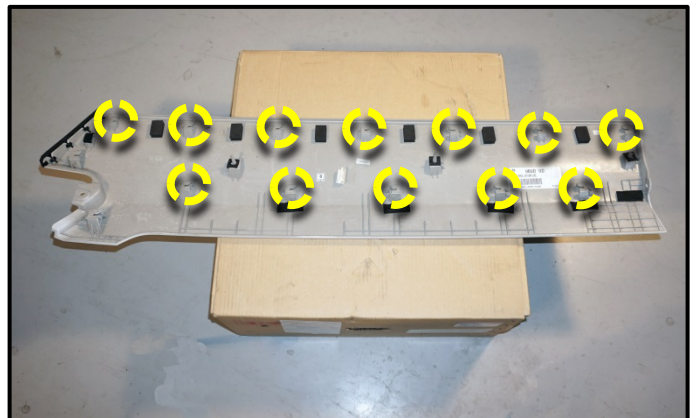
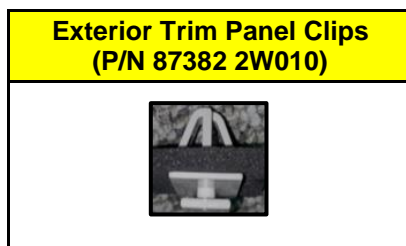


SUBJECT:**SERVICE ACTION: POWER SLIDING DOOR (PSD)
INSPECTION AND/OR REPAIR (SA 210)**

10. Install the replacement PSD motor by reversing the removal steps.



11. Install the replacement clips onto the LH and RH PSD exterior trim panels.

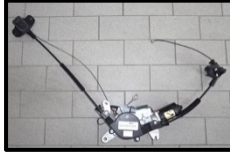


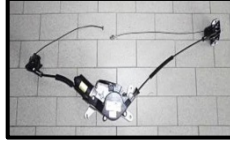







12. Reinstall all removed components by reversing the order of removal.
13. Turn the PSD system back ON.
14. Perform the PSD system reinitialization procedure, as outlined below:
1. Remove Memory 2 (10A) fuse from the smart junction box (under dash).
 2. After one or two minutes have elapsed, reinstall the Memory 2 fuse.
 3. Close the sliding door(s).
 4. Open the sliding door(s), automatically, using the door handle.
 5. Close the sliding doors, automatically, using the door handles (make sure the door is fully latched).
 6. Perform the open-close sequence one more time.

SUBJECT:**SERVICE ACTION: POWER SLIDING DOOR (PSD)
INSPECTION AND/OR REPAIR (SA 210)****AFFECTED VEHICLE PRODUCTION RANGE:**

Model	Production Date Range
Sedona (YP)	From January 6, 2015 through July 6, 2015

PARTS INFORMATION:

Part Name	Part Number	Qty.	Figure	Comments
Power Sliding Door Assy, LH Kit	83810 A9000QQK	1		Use this parts kit to complete the left hand side repair, as outlined on Pages 9 ~ 13
	87382 2W010* (Included w/kit)	11		
	87756 1E000* (Included w/kit)	3		
Power Sliding Door Assy, RH Kit	83820 A9000QQK	1		Use this parts kit to complete the right hand side repair, as outlined on Pages 9 ~ 13
	87382 2W010* (Included w/kit)	11		
	87756 1E000* (Included w/kit)	3		
Bolt & Washer Assy, Kit	83890 A9000QQK	1		Use this parts kit to complete the left and right hand side repairs, as outlined on Pages 4 ~ 8
	82315 2P000* (Included w/kit)	5		
	84747 2L000* (Included w/kit)	2		

*Due to initial limited parts availability, avoid ordering extra hardware unless absolutely necessary.

SUBJECT:

SERVICE ACTION: POWER SLIDING DOOR (PSD) INSPECTION AND/OR REPAIR (SA 210)

WARRANTY CLAIM INFORMATION:

N CODE: N99 C CODE: C99

Claim Type	Causal Part	Qty.	Description	Labor Op Code	Time	Related Parts	Qty.
V	83810 A9000	0	(SA210L) Drum Securing Screw Replace (L/H Side)	150070R0	1.4 M/H	83890 A9000QQK	1
			(SA210L) Motor Replace (L/H Side)	150070R1	1.7 M/H	83810 A9000QQK	1
			(SA210L) Motor Replacement (Both Sides)	150070R4	2.6 M/H	83810 A9000QQK	1
						83820 A9000QQK	1
			(SA210R) Drum Securing Screw Replace (RH Side)	150070R0	1.4 M/H	83890 A9000QQK	1
			(SA210R) Motor Replace (R/H Side)	150070R1	1.7 M/H	83820 A9000QQK	1
			(SA210R) Motor Replacement (Both Sides)	150070R4	2.6 M/H	83810 A9000QQK	1
						83820 A9000QQK	1
			(SA210B) Drum Securing Screw Replace (Both Sides)	150070R2	1.8 M/H	83890 A9000QQK	2
			(SA210B) Motor Replacement (Both Sides)	150070R4	2.6 M/H	83810 A9000QQK	1
						83820 A9000QQK	
			(SA210B) One Side Motor and One Side Screw Replace	150070R3	2.2 M/H	83890 A9000QQK	1
83810 A9000QQK	1						
83820 A9000QQK							

NOTE: Only one op code can be claimed per repair

★ NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA210 when accessing the WebDCS system.