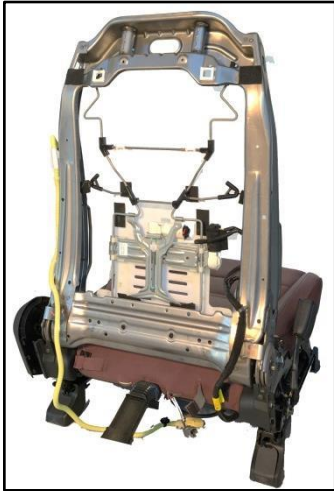
	GROUP Safety Recall Campaign	MODEL 2016MY Sorento (UMa)
	NUMBER SC140	DATE November 2016
SAFETY RECALL CAMPAIGN		
SUBJECT: DRIVER SEATBACK FRAME INSPECTION AND REPLACEMENT (SC140)		

This bulletin provides the procedure to inspect the condition of the driver seatback frame welds and, if necessary, replace the seatback frame assembly on certain 2016MY Sorento (UMa) vehicles, produced from March 3, 2016 through March 21, 2016. The driver seatback frame welds may not have been correctly welded due to an improperly functioning robot at the supplier. In the event of a rear-end collision, the seatback may not function as designed, increasing the risk of injury to vehicle occupants. Follow the procedure below to inspect the driver seatback frame welds, and if necessary, replace the seatback frame assembly. Before conducting the procedure, verify 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.

*** NOTICE**

To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

File Under: <Safety Recall Campaign>

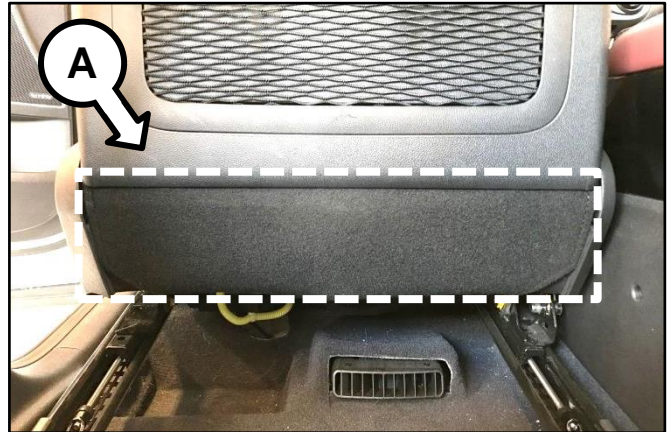
- Circulate To: General Manager Service Manager Parts Manager
 Service Advisors Technicians Body Shop Manager Fleet Repair

SUBJECT:

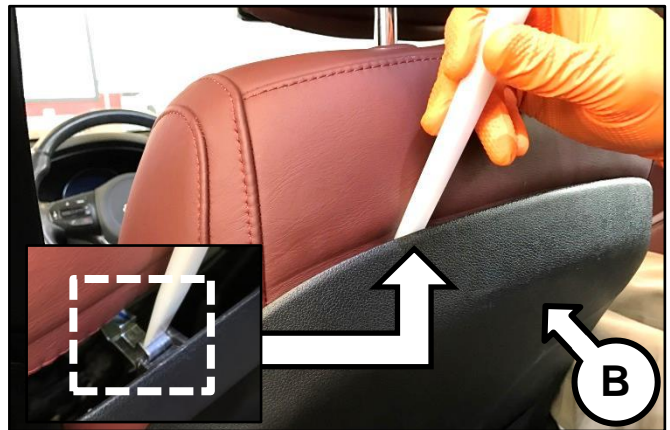
DRIVER SEATBACK FRAME INSPECTION AND REPLACEMENT (SC140)

Label Inspection Procedure:

1. Unhook the driver's lower seat protector (A).



2. Using a non-marring trim removal tool, remove the driver seat backboard (B) by inserting the tool behind the upper section of the backboard and pushing down on the two (2) lock pins. Pull the backboard outwards and lift up to remove.



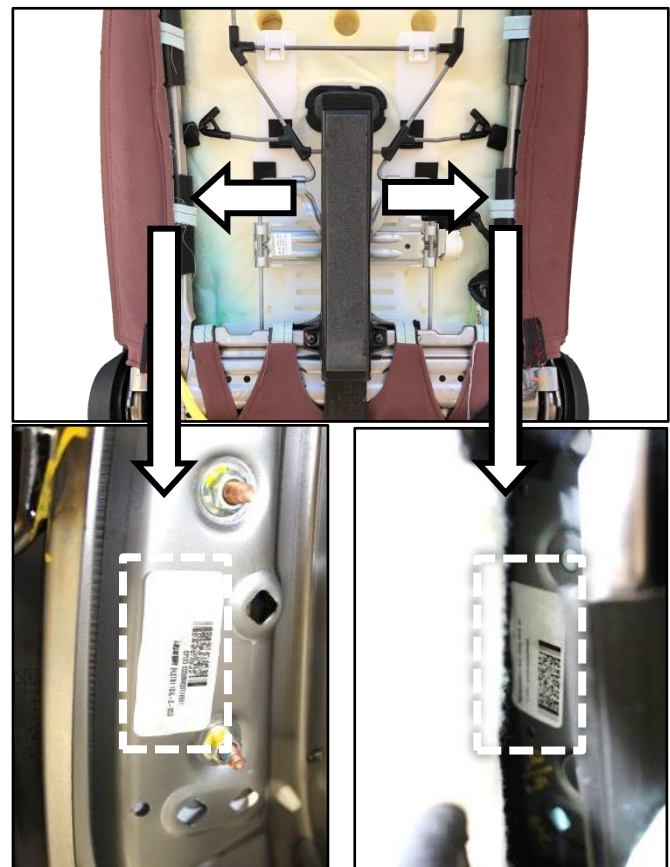
CAUTION

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

3. Inspect both inner side rails of the seatback frame for barcode labels at the locations shown.

If the two (2) labels are present, no further action is required. Reinstall the removed components in the reverse order of removal.

If only one (1) or no labels are present, proceed to the Weld Inspection procedure on page 3.



SUBJECT:

DRIVER SEATBACK FRAME INSPECTION AND REPLACEMENT (SC140)

Weld Inspection Procedure:

1. Record the customer's radio presets.
2. Tilt the seat backwards and remove the headrest (C) by carefully pushing the lock pin.



CAUTION

Use caution when inserting a tool into the lock pin opening to avoid damage to the seat and trim cover.



3. Return the seat tilt to a 90° position and then remove all four (4) seat assembly retaining bolts.

Tightening torque:

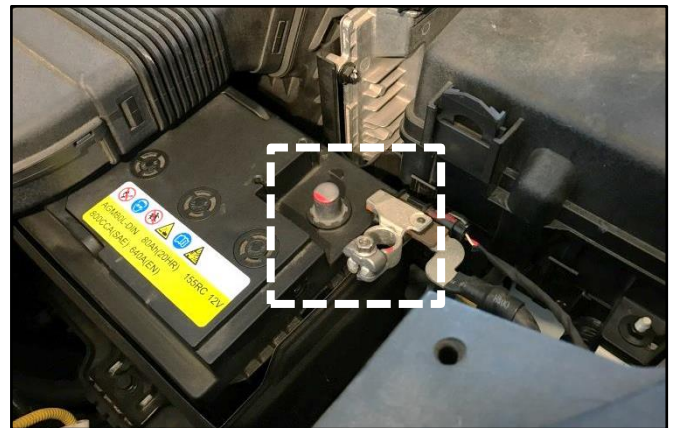
32.5 – 43.4 lb-ft (44.1 – 58.8 Nm)

4. Disconnect the negative battery terminal.

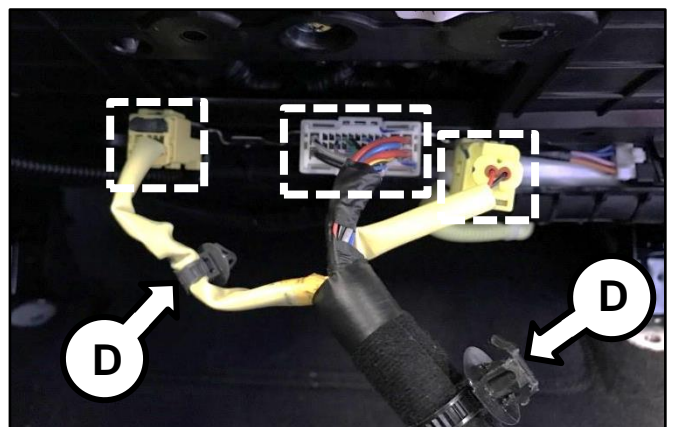


CAUTION

Failure to disconnect the negative battery terminal may result in unwanted airbag deployment.



5. Disconnect the three (3) connectors underneath the seat and detach the harness clips (D) from the seat.



SUBJECT: DRIVER SEATBACK FRAME INSPECTION AND REPLACEMENT (SC140)

- 6. Carefully remove the seat from the vehicle.

CAUTION
Protect the door sill and door trim panel with protective covers to prevent damage.

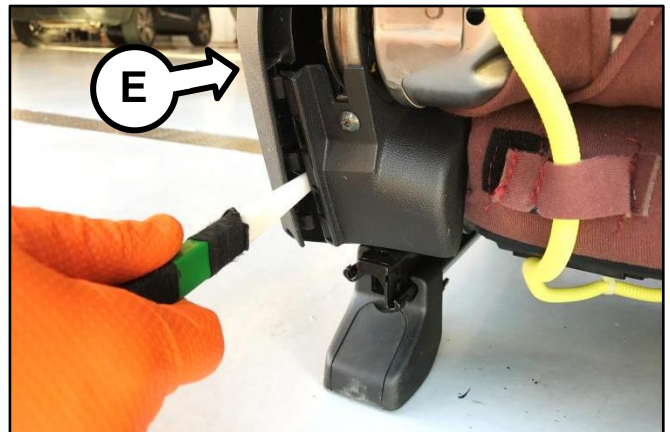


- 7. Unhook the seat cover and pull it away from the frame to expose the plastic trim and remove the four (4) plastic trim retaining screws.

WARNING
Use the straps attached to the hooks to unhook the seat cover to prevent personal injury from the sharp edges on the seat frame.



- 8. Using a non-marring trim removal tool, carefully remove the outboard shield cover (E).



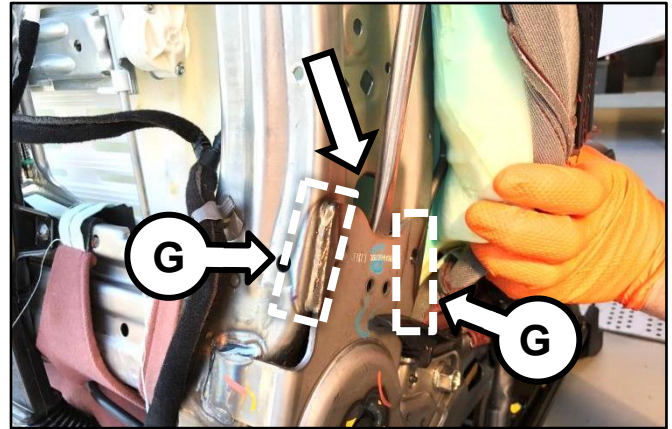
- 9. Using a Phillips screwdriver, remove the inboard shield cover retaining screw as shown and remove the inner shield cover (F) with a non-marring trim removal tool.



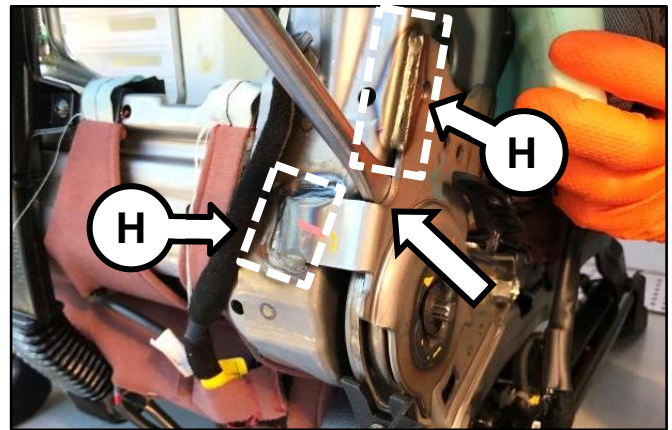
SUBJECT:

DRIVER SEATBACK FRAME INSPECTION
AND REPLACEMENT (SC140)

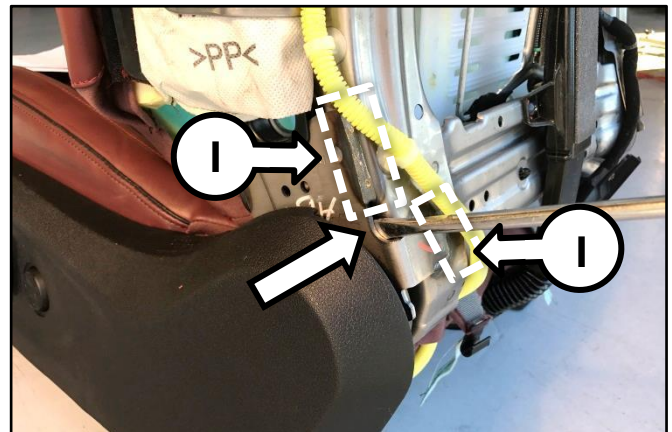
10. Starting at the right side weld joint, insert a large flat-head screwdriver in the top of the opening and with moderate force, pry away from the seat frame to verify proper welding at the joints (G).



11. Insert the large flat-head screwdriver in the lower opening and with moderate force, pry away from the seat frame to verify proper welding at the joints (H).



12. At the left side weld joint, insert the large flat-head screwdriver in the bottom of the frame and with moderate force, pry away from the seat frame to verify proper welding at the joints (I).



13. Insert the large flat-head screwdriver in the front of the frame and with moderate force, pry away from the seat frame to verify proper welding at the joint (J).

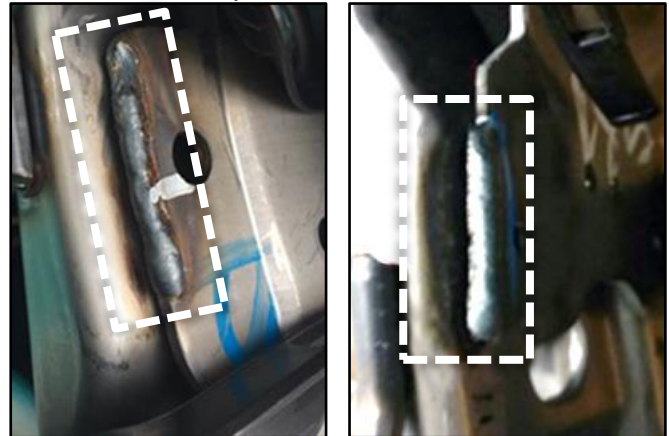


SUBJECT: DRIVER SEATBACK FRAME INSPECTION AND REPLACEMENT (SC140)

- 14. If the welds are intact and not broken, no further action is required. Reinstall all removed components in the reverse order of removal.

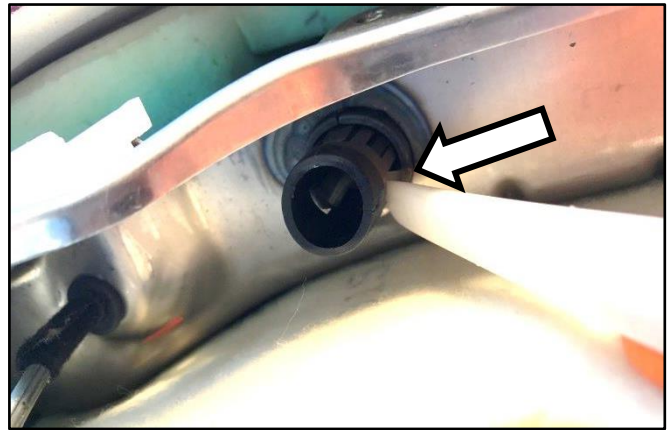
If a weld is found to be broken, proceed to the service procedure below to replace the seatback frame assembly.

Examples of broken welds



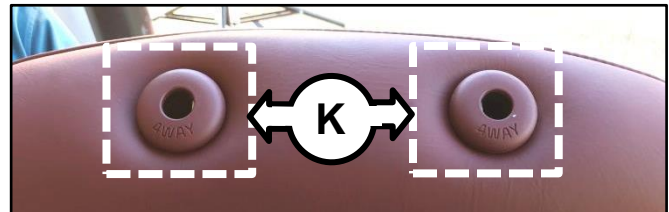
Seatback Frame Replacement Procedure:

- 1. Using a non-marring trim removal tool, push in the tabs securing the headrest guides and remove the headrest guides (K) from the seat.

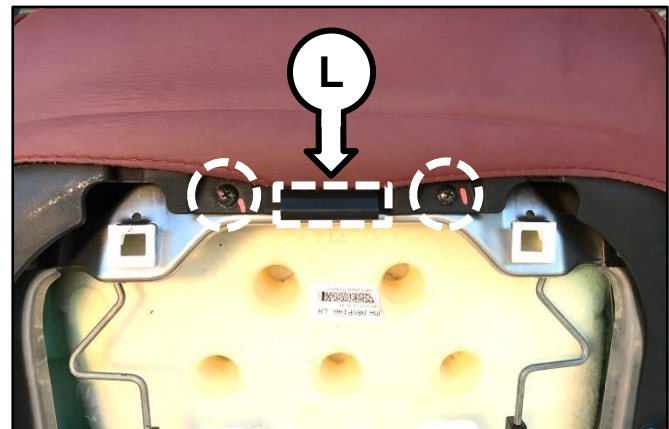


*** NOTICE**

Label the headrest guides (LH and RH) after removal to ensure proper installation as they are directional.



- 2. Completely unhook the seatback cushion cover (L) and remove the remaining two (2) plastic trim retaining screws.



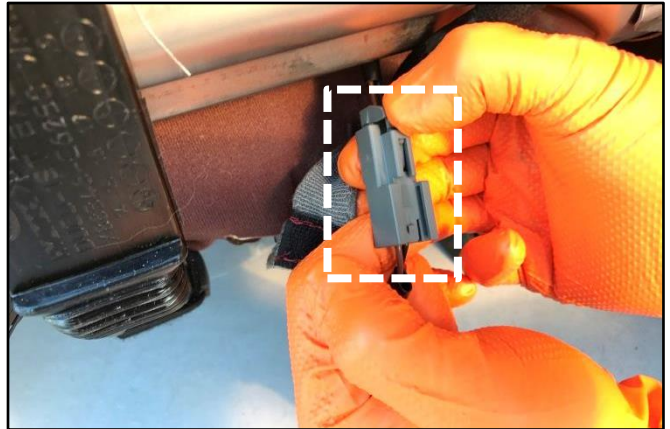
SUBJECT:

DRIVER SEATBACK FRAME INSPECTION
AND REPLACEMENT (SC140)

3. If equipped, remove the two (2) seatback ventilation inlet hose retaining screws and carefully slide the hose (M) upwards.



4. Disconnect the seatback heater connector.



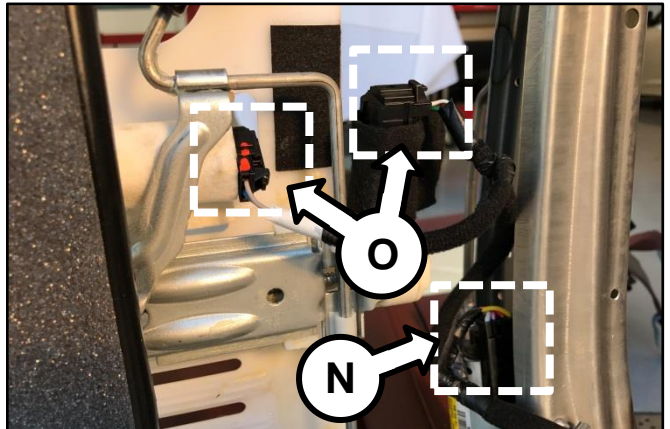
5. Remove the seatback cover and cushion from the seatback frame assembly.



6. Disconnect the seatback recliner motor connector (N) and the two (2) lumbar support connectors (O) if equipped.

*** NOTICE**

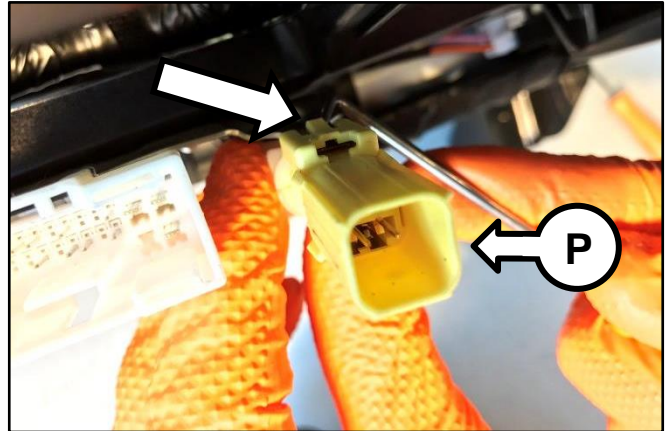
Mark the two (2) lumbar connectors to prevent incorrect reconnection of the connectors as they are interchangeable.



SUBJECT:

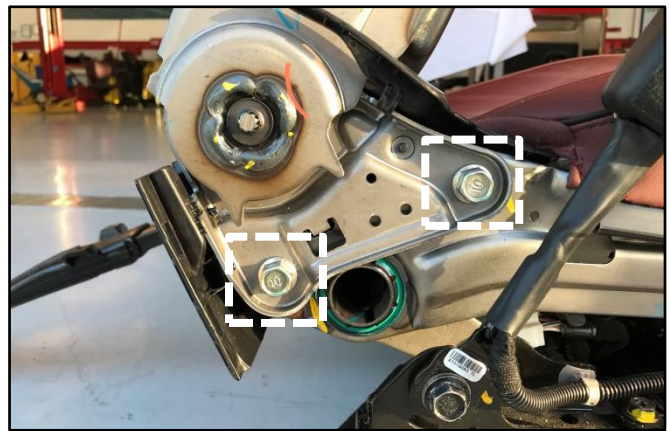
DRIVER SEATBACK FRAME INSPECTION AND REPLACEMENT (SC140)

7. Carefully unclip the side airbag connector (P) located underneath the seat with a 90° pick tool and detach the harness from the seat frame.

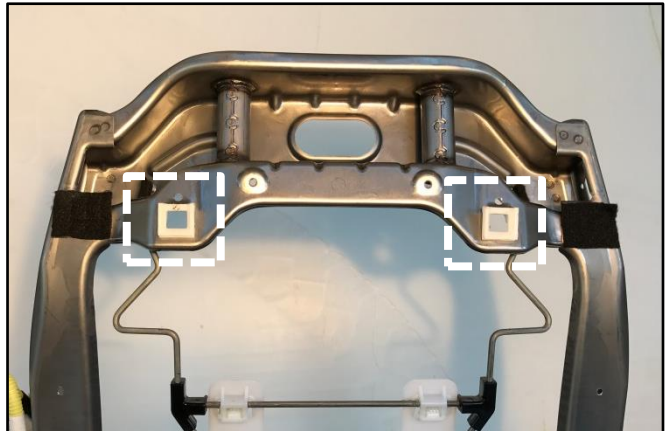


8. Remove the two (2) seatback frame retaining bolts on both sides of the seat and pull the frame upwards to separate it from the seat cushion frame.

**Tightening torque:
32.5 – 39.8 lb·ft (44.1 – 53.9 Nm)**



9. Remove the seatback cover guides from the old seatback frame and install onto the new seatback frame. If needed, replace the seatback cover guides.



10. Install the new seatback frame and reinstall all removed components in the reverse order of removal.
11. Verify proper operation of the power seat directional operation, seatback heater, and ventilation if equipped. Check for any related warning lights staying on after vehicle key-on.
12. Restore the customer's radio presets.
13. To ensure customer satisfaction, clean any stained or soiled areas of driver's seat and ensure cleanliness.

SUBJECT:**DRIVER SEATBACK FRAME INSPECTION
AND REPLACEMENT (SC140)****AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Sorento (UMa)	March 3, 2016 to March 21, 2016

REQUIRED PART:

Part Name	Part Number	Figure
Frame Assy-FR Seat Back LH (2-Way Lumbar Support)	88310 C6220	
Frame Assy-FR Seat Back LH (4-Way Lumbar Support, Heater)	88310 C6530	
Frame Assy-FR Seat Back LH (4-Way Lumbar Support, Heater, Ventilation)	88310 C6540	
Guide FR Seatback Pocket	88338 3F800QQK <u>(if needed)</u>	

*** NOTICE**

Refer to EPC for the latest applicable part number information using the VIN.

*** NOTICE**

Due to limited parts availability, do NOT order parts unless you have an affected in-stock or a customer vehicle that requires the repair.

SUBJECT:

DRIVER SEATBACK FRAME INSPECTION AND REPLACEMENT (SC140)

WARRANTY INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	88310 C6100	0	N99	C99	(SC140) Driver Seatback Frame <u>Label</u> Inspection	161A34R0	0.4 M/H	N/A	0
R	88310 C6100	0	N99	C99	(SC140) Driver Seatback Frame <u>Label & Weld</u> Inspection	161A34R1	0.6 M/H	N/A	0
R	88310 C6100	0	N99	C99	(SC140) Driver Seatback Label & Weld Inspection, & Frame Replacement	161A34R2	1.0 M/H	88310 C6220 2-Way Lumbar	1
								88310 C6530 4-Way Lumbar	1
								88310 C6540 4-Way Lumbar	1

Note: only one (1) labor operation may be claimed.

* NOTICE

Due to limited parts availability, do NOT order parts unless you have an affected in-stock or a customer vehicle that requires the repair.

* NOTICE

To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.