



GROUP	MODEL
BOD	2018-2023MY Rio (SC) and 2019-2024MY Forte (BDm)
NUMBER	DATE
212 (Rev 1, 11/02/2023)	March 2021

TECHNICAL SERVICE BULLETIN

PARTIAL SEAT TRACK REPLACEMENT FOR INOPERATIVE FRONT SEAT

SUBJECT:

NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

This bulletin provides information to inspect and repair an inoperative front seat mechanism on some 2019-2024MY Forte (BDm) vehicles produced from June 18, 2018 through Present and some 2018-2023MY Rio (SC) vehicles produced from January 2, 2017 through August 16, 2023. Symptoms of an inoperative front seat include the **inability of the seat to move forward and backward**, which may be caused by a pin getting stuck on a rail. To address this concern, follow the procedure outlined in this publication to inspect the seat track, and replace the faulty rail instead of replacing the whole seat track mechanism. Before conducting the procedure, verify that the vehicle is within the production range listed in this bulletin.



NOTICE

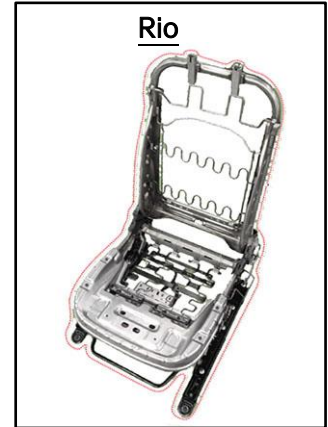
A Technical Service Bulletin is a field fix repair program without customer notification that may be performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Replacement Procedure:

- 1a. Before proceeding with rail replacement, identify the seat exhibiting the symptoms described on page 1.

- 1b. Remove the affected seat from the vehicle by referring to the following chapters in the applicable Shop Manual on KGIS.
 - **Seat:** Body (Interior and Exterior) → Front Seat → Front Seat Assembly → Repair procedures

 - **Frame:** Body (Interior and Exterior) → Front Seat → Front Seat Frame Assembly → Repair procedures

**NOTICE**

Disassembly steps may vary slightly depending on model and whether the seat has a Height Adjustment option. Refer to photos on the right.

WITH Height Adjustment



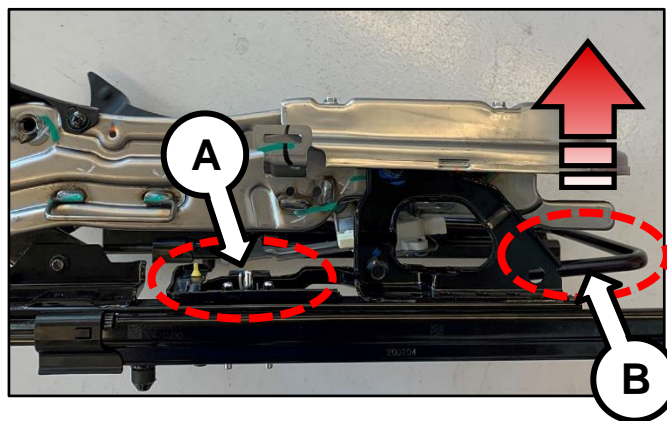
WITHOUT Height Adjustment



SUBJECT:

PARTIAL SEAT TRACK REPLACEMENT FOR INOPERATIVE FRONT SEAT

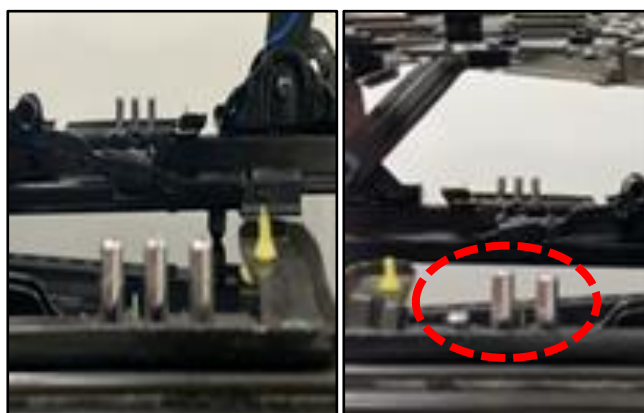
- 2a. Disassemble seat track from seat.
- 2b. Make sure seat track mechanism is in the highest position: Only the middle pin (A) is up as shown.
- 2c. Pull up the slide lever (B) to confirm which rail does not raise one of the three release pins.
- Note:** Rio shown at right (without height adjustment).



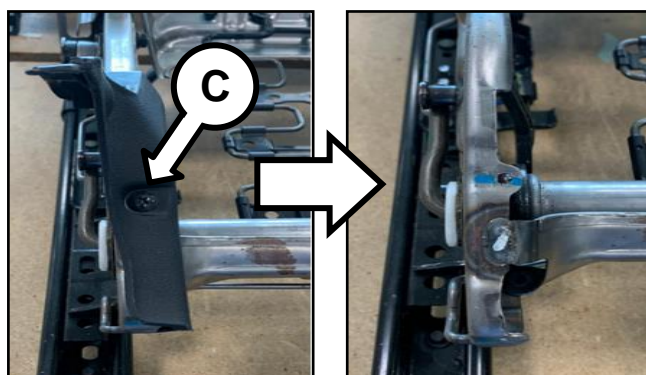
- 3a. Use the following criteria to identify which rail (LH or RH) must be replaced.
- **OK condition:** When pulling up on the lever, 6 pins go up.
 - **NG condition:** When pulling up on the lever, at least 1 pin stays down.

NOTICE

If at least one pin is stuck, proceed with replacement. If all pins go up and the track is not moving, replace the complete seat track mechanism.

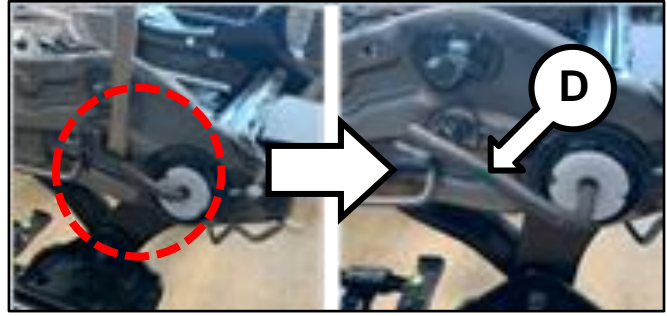
OK**NG**

- 3b. Once the NG rail is identified, proceed to the next steps.
4. Remove the plastic trim retaining screw (C).



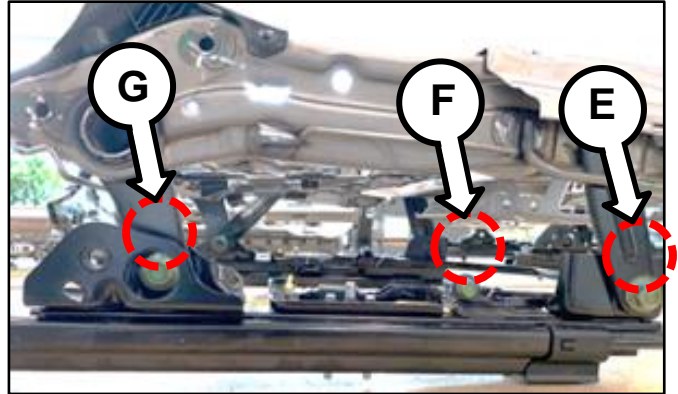
- 5. Seats with Height Adjustment Option:
Unclamp torsion bar (D) with a flat-blade screwdriver as shown.

Note: Be sure to only unclamp the bar - do not remove it.

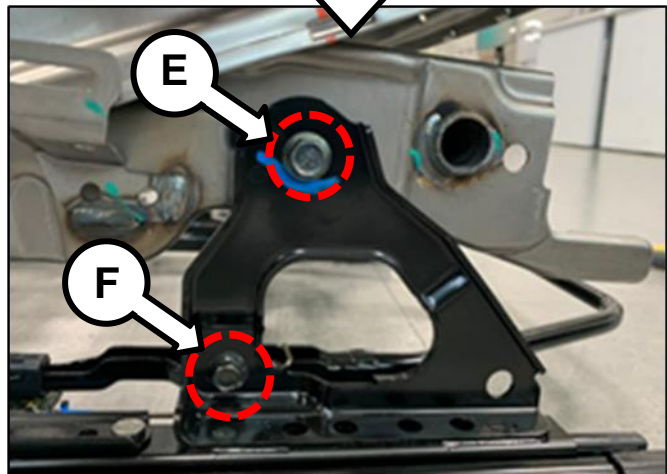
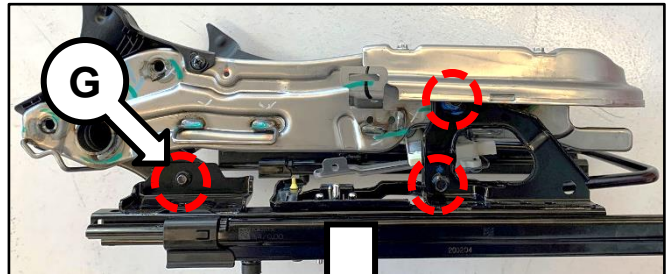


- 6. Remove the three (3) rail retaining bolts (Front: E, slide: F, rear: G) to separate the rail from the track mechanism.

WITH Height Adjustment



WITHOUT Height Adjustment

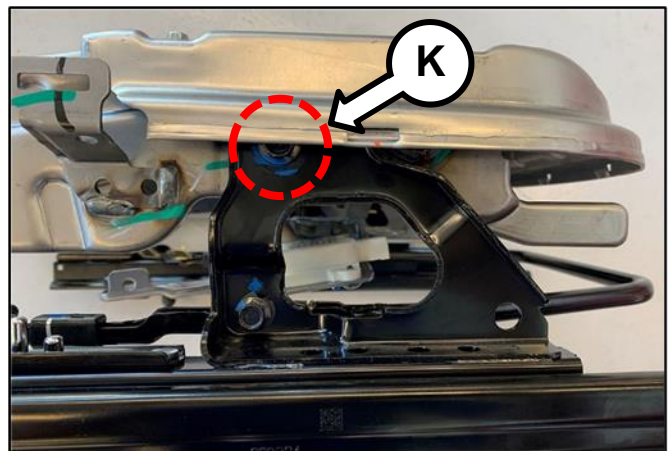
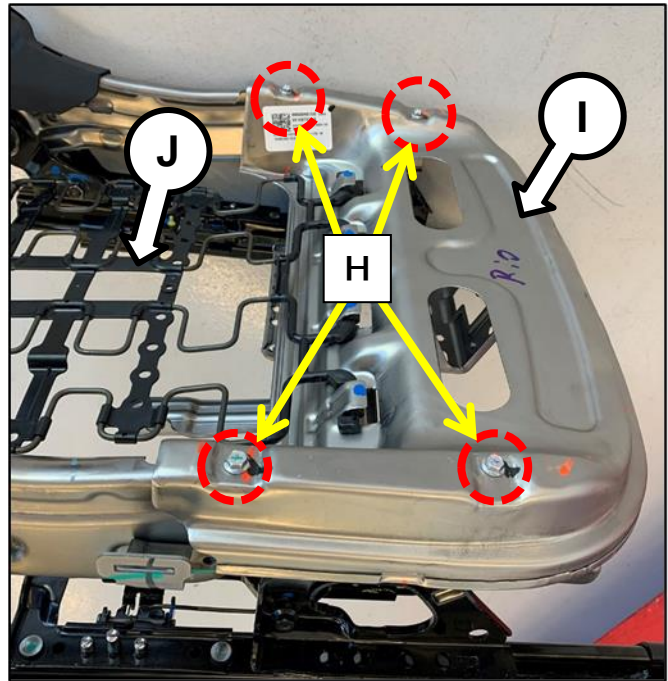


SUBJECT:

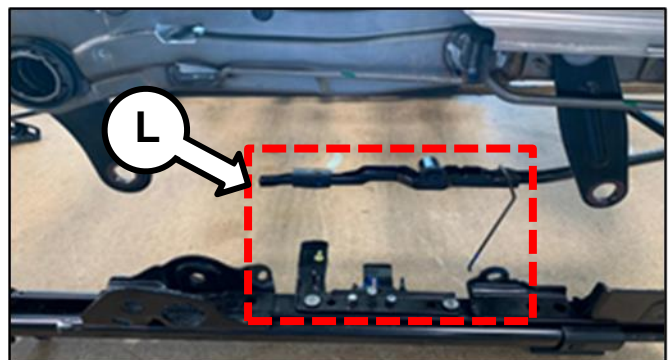
PARTIAL SEAT TRACK REPLACEMENT FOR INOPERATIVE FRONT SEAT

7. **Rio Only:**

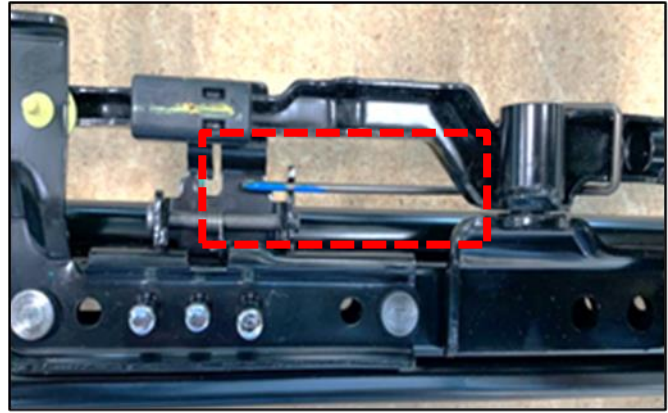
Remove the 4 bolts (H), then lift the metal shield (I) and relax the suspension (J) to access the side bolt (K).



8. Disassemble the slide spring (L) from lever to rail.

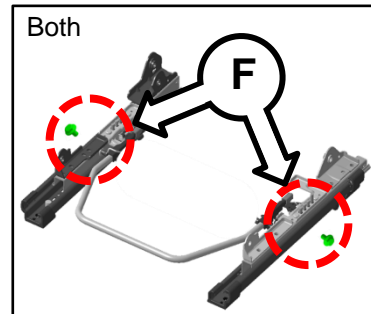
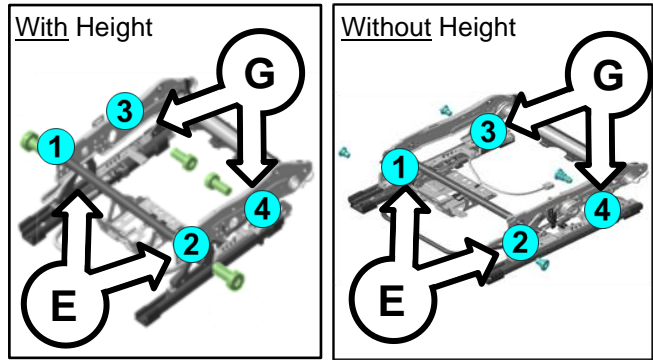


- Insert **new** rail on track assembly and put lever spring in the position shown.



- Install the rail bolts and torque to the specifications below.

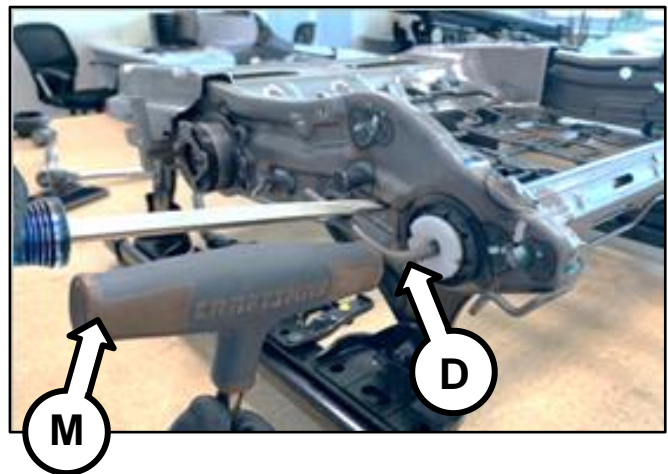
Bolt	Height Adjustment	Torque	No.
Front (E)	Without	14-20 lb.ft	1, 2
	With	36-47 lb.ft	
Rear (G)	Both	36-47 lb.ft	3, 4
Slide (F)		2.8-4.3 lb.ft	-



With Height Adjustment Option:

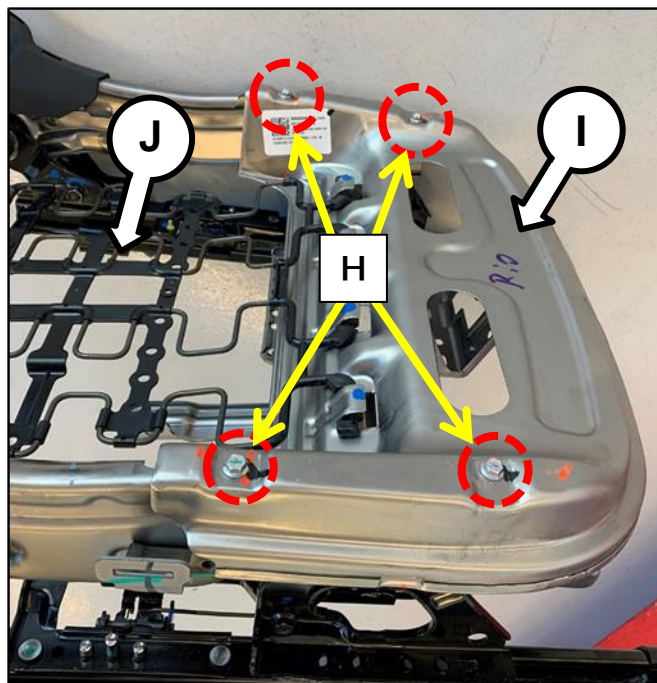
Reassemble previously removed torsion bar.

Push down torsion bar (D) with a flat-blade screwdriver, then hit gently with a rubber dead blow mallet (M) to drive torsion bar in place.

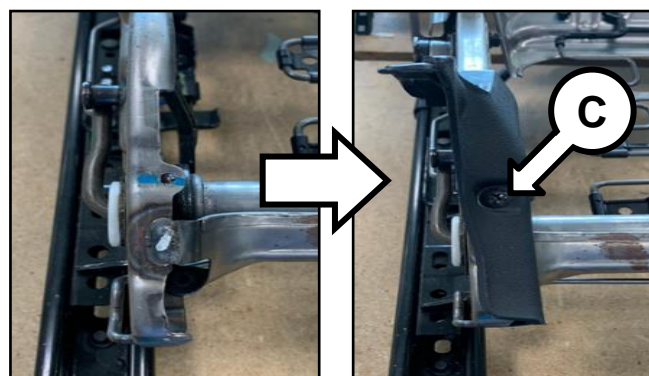


SUBJECT: PARTIAL SEAT TRACK REPLACEMENT FOR INOPERATIVE FRONT SEAT

11. **Rio Only:**
Reassemble the metal shield (I) and suspension (J) with the 4 bolts (H).



12. Reinstall the plastic trim with the retaining screw (C).



13. Reassemble the seat and frame, then install the seat assembly back into the vehicle in the reverse order of removal.

SUBJECT:

PARTIAL SEAT TRACK REPLACEMENT FOR INOPERATIVE FRONT SEAT**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Forte (BDm)	June 18, 2018 to Present
Rio (SC)	January 2, 2017 to August 16, 2023

REQUIRED PART:

Model	Part Name	Part Number	Applicable to Old P/N	Qty.	
Forte (BDm)	RAIL ASSY - OTR, RH (HGT)	88650 M7015FFF	88600 M7000 88600 M7010 88600 M7020 88600 M7030 88600 M7040 88600 M7050 88600 M7060	1	
	RAIL ASSY - INR, RH (HGT)	88650 M7025FFF	88600 M7110 88600 M7120 88600 M7130 88600 M7140 88600 M7150 88600 M7160 88600 M7170 88600 M7180 88600 M7190		
	RAIL ASSY - OTR, RH (N/HGT)	88560 M7035FFF	88600 M7070 88600 M7080 88600 M7090		1
	RAIL ASSY - INR, RH (N/HGT)	88560 M7040FFF	88600 M7100 88600 M7200 88600 M7210 88600 M7220 88600 M7230		
	RAIL ASSY - INR, RH (N/HGT)	88550 M7015FFF	88500 M7000 88500 M7010 88500 M7020		1
	RAIL ASSY - INR, LH (HGT)	88550 M7025FFF	88500 M7030 88500 M7040 88500 M7050		
Rio (SC)	RAIL ASSY - OTR, LH (HGT)	88550 H9016FFF	88500 H9010 88500 H9510	1	
	RAIL ASSY - INR, LH (HGT)	88550 H9026FFF	88500 H9520		
	RAIL ASSY - OTR, RH (N/HGT)	88560 H9036FFF	88600 H9000 88600 H9010 88600 H9100	1	
	RAIL ASSY - INR, RH (N/HGT)	88560 H9046FFF	88600 H9110 88600 H9130 88600 H9140		



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WARRANTY INFORMATION:**N Code: I85 C Code: ZZ3**

Model	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
Forte (BDm)	W	88600 M7010	0	Seat Rail from Seat Track Replacement	88650F01	1.0 M/H	88650 M7015FFF 88650 M7025FFF 88560 M7035FFF 88560 M7040FFF 88550 M7015FFF 88550 M7025FFF	1
Rio (SC)		88600 H9100	0				88550 H9016FFF 88550 H9026FFF 88560 H9036FFF 88560 H9046FFF	1

