



HYUNDAI

Technical Service Bulletin

GROUP Body	NUMBER 20-BD-015H
DATE May, 2020	MODEL(S) Sonata (LFa)

SUBJECT: TRUNK LID TORSION BAR SERVICE GUIDE
AND WARRANTY EXTENSION (TXXF)

This TSB supersedes 19-BD-009H-1 by updating the service procedure and parts information.

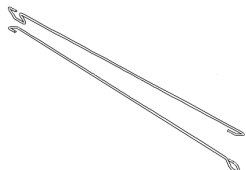

Description: On certain Sonata (LF) vehicles equipped with smart trunk, the trunk lid may not open to the desired height when using the smart trunk feature. Follow the procedure in the bulletin to inspect the trunk lid opening height, and replace the torsion bars if required.

The warranty coverage for the trunk lid torsion bars has been extended to 78 months or 78,000 miles from the date of original retail delivery or date of first use, whichever occurs first, and is valid for original and subsequent owners.



Applicable Vehicles: 2015 ~ 2017 model year Sonata (LFa) equipped with Smart Trunk Feature

Parts Information:

PART NAME	PART NUMBER	COLOR LABEL	COMMENT	IMAGE
BAR-TRUNK LID HINGE TORSION LH (Non-LED)	79273-C1010	White	For vehicles with non-LED tail lamps	
BAR-TRUNK LID HINGE TORSION RH (Non-LED)	79283-C1010	Yellow		
BAR-TRUNK LID HINGE TORSION LH (LED)	79273-C2000	Green	For vehicles with LED tail lamps	
BAR-TRUNK LID HINGE TORSION RH (LED)	79283-C2000	Pink		
Lithium or silicone grease	N/A	N/A	General multi-purpose grease	

NOTE: Lithium/silicone grease can be purchased from local parts suppliers.

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

Warranty Information:

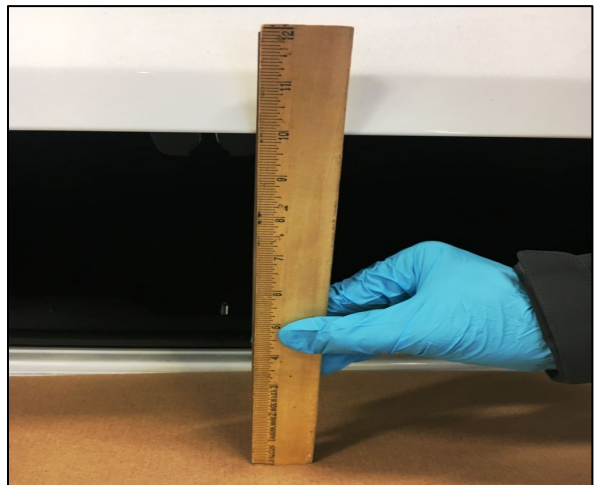
MODEL	OP CODE	OPERATION	OP TIME	CAUSAL PART	NATURE CODE	CAUSE CODE
Sonata (LFa)	79273R00	BAR-TRUNK LID HINGE TORSION	0.3 M/H	79273-C1010 79283-C1010	I14	ZZ3
				79273-C2000 79283-C2000		

Inspection Procedure:

1. Using the key fob, perform an open and close cycle of the trunk lid ten times.



2. Open the trunk lid, and measure the trunk opening height using a ruler or measuring tape. The measurement should be taken from the center of the bumper to the bottom of the trunk lid.



NOTICE

To assist in taking an accurate measurement, place a thin piece of cardboard on the bumper to accurately measure the opening height, vertically along the trunk lid opening axis.

3. If the trunk lid opens more than 7.5 inches (190.5 mm), no further action is required. The trunk is functioning properly and the inspection procedure is complete. Submit a warranty claim for applicable labor.

If the trunk lid does not open more than 7.5 inches (190.5 mm), proceed to step 4 to replace the torsion bars.

4. Before removing the torsion bars from the vehicle, inspect the labels on the replacement torsion bars to verify their production date.

Verify that the replacement torsion bars were produced after February 2019.

Do not use replacement torsion bars produced before February 2019.



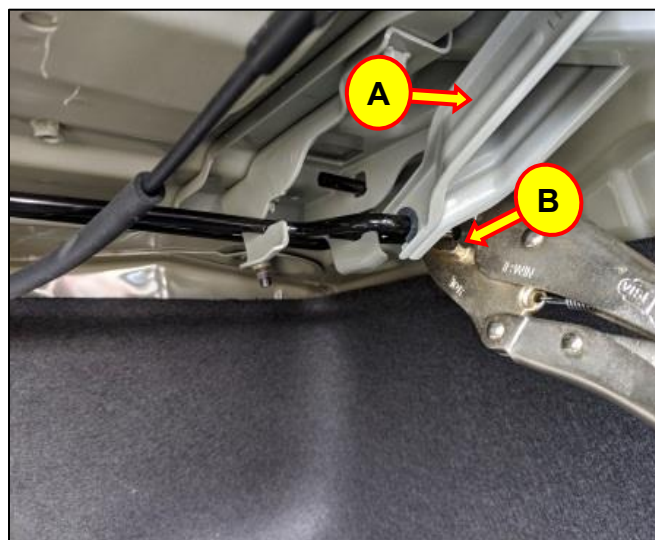
1. Production year
2. Production month
3. Production sequence
4. Left / right side

⚠ WARNING

While holding the vice grips, there will be an increase in tension after disconnecting the hinge from the torsion bar. Use caution to prevent injury.

5. After opening the trunk, use a vice grip to push down on the outer side of the torsion bar away from the hinge (A).

Ensure the vice grip holds on to the outer edge of the torsion bar, outer side of the hinge (B).



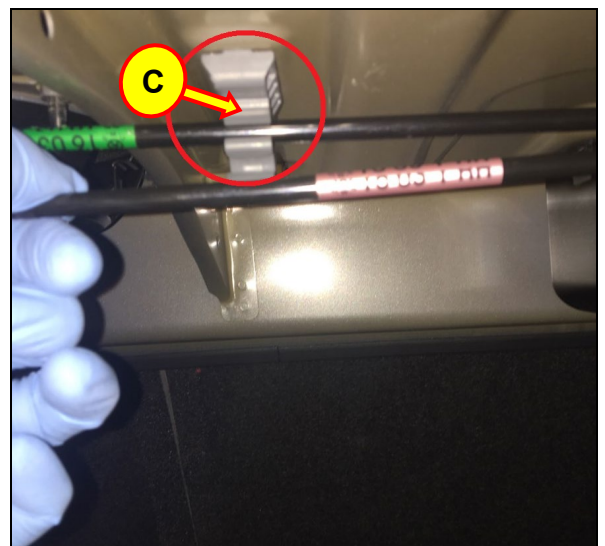
6. Pull the vice grips downward to release the hinge (A) from the torsion bar, and push the hinge toward the outside of the trunk.



7. After releasing the hinge (A) from the torsion bar, slowly lift the torsion bar held by the vice grip and release the vice grip.



8. Disconnect the released torsion bar from the center clip (C).



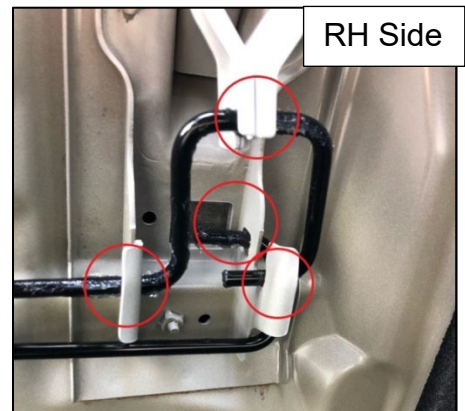
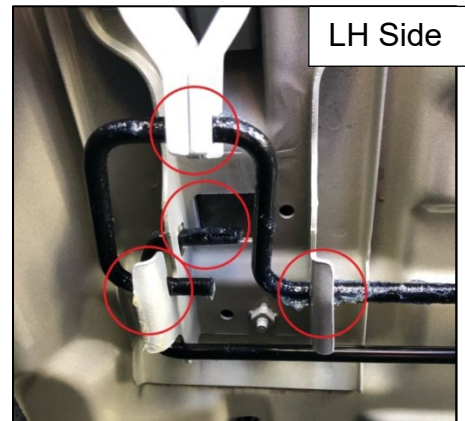
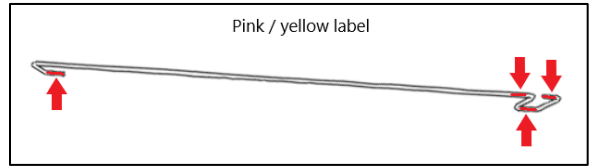
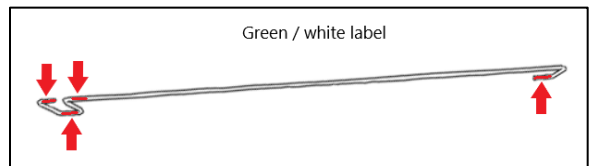
9. Remove the loose torsion bar from the mounting point on the opposite side, and then remove from the vehicle.

! WARNING



After removing the first torsion bar, place a prop rod that is approximately 5 feet long to hold the trunk lid open while performing the procedure.



10. Perform the same removal process to the other torsion bar.
11. Apply grease to the indicated locations on the replacement torsion bars before installing them into the vehicle.



12. Install the new torsion bars in reverse order of the removal.

Vehicles with LED tail lamps	Vehicles with non-LED tail lamps
 <p data-bbox="293 615 781 756">Green labeled torsion bar on top (P/N: 79273-C2000) Pink labeled torsion bar on bottom (P/N: 79283-C2000)</p>	 <p data-bbox="824 615 1344 756">White labeled torsion bar on top (P/N: 79273-C1010) Yellow labeled torsion bar on bottom (P/N: 79283-C1010)</p>

13. Check for proper operation of the trunk by performing an open and close cycle five times using the key fob. Perform the same measurements in step 2 and 3 to confirm that the proper specification is met.

14. The service procedure is now complete.