 HYUNDAI NEW THINKING. NEW POSSIBILITIES. Technical Service Bulletin	GROUP RECALL	NUMBER 16-01-067
	DATE DECEMBER 2016	MODEL(S) SONATA (LF) SONATA HYBRID (LF-HEV)
SUBJECT: PANORAMIC SUNROOF WIND DEFLECTOR PLATE REPAIR (RECALL 152)		

*** IMPORTANT**

***** Dealer Stock and Retail Vehicles *****

As required by federal law, dealers must not deliver new vehicles for sale or for lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used vehicles, demo and rental vehicles prior to placing them into customer use and whenever an affected vehicle is in the shop for any maintenance or repair.

When a vehicle arrives at the service department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.


Description: Certain 2015 and 2016 model year Hyundai Sonatas and 2016 Sonata Hybrids come equipped with an optional panoramic sunroof. The sunroof assembly incorporates a wind deflector to help reduce wind noise in the passenger compartment when the sunroof is open. If the wind deflector becomes partially detached from its mounting bracket while the sunroof is open, the deflector can interfere with the closing of the moveable sunroof panel. In some cases this interference can result in the sunroof panel detaching from its mounting tabs. If the sunroof panel detaches while the vehicle is in motion, the panel could become an obstacle to other drivers, increasing the risk of a crash.

This bulletin describes the procedure to repair the wind deflector anchor plate to correct the condition.



Applicable Vehicles: Certain 2015-2016 Sonata (LF) and 2016 Sonata Hybrid (LF-HEV).

PARTS INFORMATION:

PART IMAGE	PART NUMBER	DESCRIPTION
	00232-19072	Loctite Super Glue Professional® (Appx. 10 Vehicles / Bottle)

NOTE : One (1) Loctite Super Glue Professional® (Part No. 00232-19072) will be shipped to each dealer as a part of the Recall Campaign. Additional Loctite® can be ordered through the PDC.

 **CAUTION**

Wear protective goggles and gloves for protection when performing the service procedures in this bulletin.

WARRANTY INFORMATION:

MODEL	OPCODE	OPERATION	OPTIME	CAUSAL PART	NATURE	CAUSE
Sonata (LFa) Sonata Hybrid (LF-HEV)	61C092R0	Deflector Plate Repair	0.3 M/H	81611-C1000	B19	ZZ1

NOTE 1: Submit Claim on Campaign Claim Entry Screen

NOTE 2: Labor operation 61C092R0 will reimburse applicable Loctite Super Glue® in sublet.

SERVICE PROCEDURE:

1. Open the panoramic sunroof.



2. Check the production date:

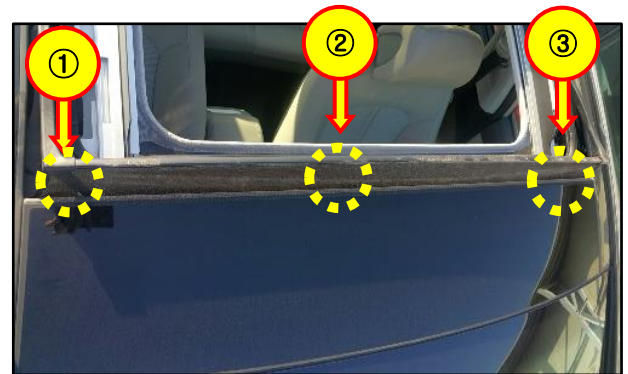
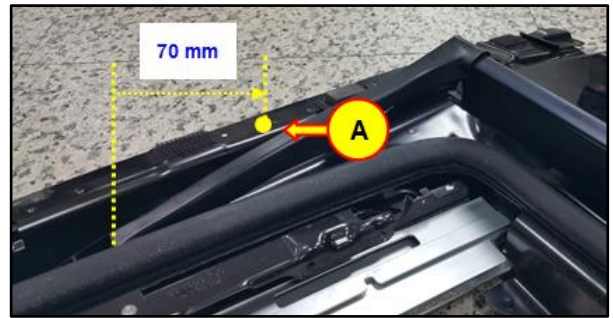
SONATA (LF) ONLY:

Note: If the vehicle is produced between May 2014 to May 2015. Move to step 3.

For vehicles produced between June 2015 to November 2015, follow the below step.

Measure and mark 70mm from the edge of the deflector arm access hole (A). Push the deflector arm by hand and memorize the perceived spring force.

Points 1 and 3 may have glue from the factory. Carefully push the 2 locations on the deflector fabric with the same perceived force as observed at the 70mm location on the deflector arm. If the fabric separates, follow the procedure in step 3. If the deflector does not separate, only repair point 2 by following the procedure in step 3.



3. Loctite Super Glue Professional® will be applied on the deflector anchor plate in the shown location.

For details on the application procedure, follow the procedure in step 4.



4. To apply Loctite Super Glue Professional®, remove the two deflector arm bolts on each side and pull the deflector plate fully out of the glass channel.

Tightening torque:

5.0 N.m (0.5 kgf.m, 3.7 lb-ft)

Clean the deflector plate with an alcohol wipe to remove dust and other particles.

Apply the adhesive for a minimum length of 2 inches (50mm) on the sides and 4 inches (100mm) on the center and carefully install the deflector plate back into the glass channel.

IMPORTANT

After Super Glue® application is completed, ensure the Super Glue® cap is sealed and stored in a safe place.

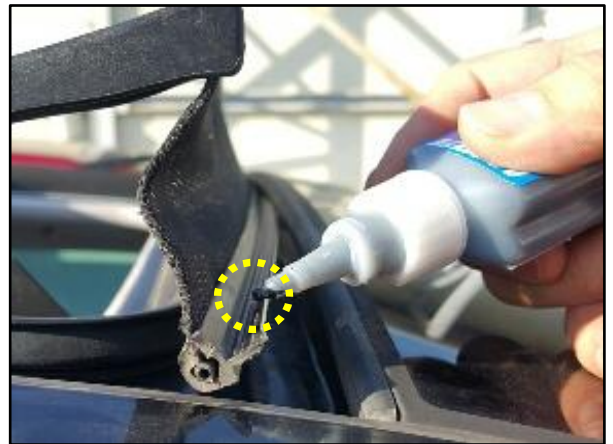
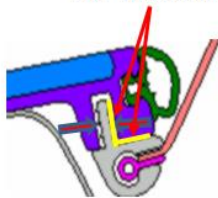
Curing time: Allow up to 5 - 10mins for adhesive to completely cure. Assemble the deflector arm in place.

IMPORTANT

Do not contaminate the surrounding surfaces with adhesive and wipe any excessive adhesive with a clean alcohol wipe.



Glue Application



6. Close the panoramic sunroof (G).



7. Ensure proper operation of the panoramic sunroof by opening and closing the sunroof a few times.
8. Service procedure is now complete.