



HYUNDAI

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Technical Service Bulletin

GROUP

CAMPAIGN

NUMBER

16-01-051

DATE

NOVEMBER 2016

MODEL(S)

SONATA (LF)

SUBJECT: ROOF ANTENNA INSPECTION/REPLACEMENT
(SERVICE CAMPAIGN TUU)

★ IMPORTANT

*******DEALER STOCK ONLY*******

Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery.

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

Description: On certain Sonata (LF) vehicles the "Shark Fin" antenna mounting bosses may be weakened and the cover may become loose if external force is applied.

This bulletin provides the procedure to inspect and if necessary replace the "Shark Fin" antenna to correct the condition.



Applicable Vehicles: Certain 2017 Sonata (LF)

Parts Information:



NOTE: To ensure the correct part is ordered, use the part number from the vehicle’s original antenna and add “QH” at the end. Example: 96210-C2500S3BQH

PART NAME	PART NUMBER	QTY
ANTENNA ASSY-COMBINATION	96210-C2030xxxQH (NN8,PR3,S3B,V8S,VU8,WW8,XU8,Y8S)	1
	96210-C2070EBQH (Panoramic Sunroof)	1
	96210-C2101xxxQH (NN8,PR3,S3B,WW8,XU8)	1
	96210-C2130xxxQH (NN8,PR3,S3B,V8S,VU8,WW8,Y8S)	1
	96210-C2500xxxQH (NN8,PR3,S3B,V8S,VU8,WW8,XU8,Y8S)	1
	96210-C2550EBQH (Panoramic Sunroof)	1

NOTE: xxx represents the color of the vehicle.

CODE	COLOR
NN8	Dark Truffle
PR3	Scarlet Red
S3B	Twilight Black
V8S	Shale Gray Metallic
VU8	Lakeside Blue
WW8	Quartz White Pearl
XU8	Nouveau Blue
Y8S	Symphony Silver

Warranty Information:

OP CODE	OPERATION	OP TIME
60CA18R0	Roof Antenna Inspection	0.2 M/H
60CA18R1	Roof Antenna Inspection and Replacement	0.3 M/H

NOTE 1: Submit Claim on Campaign Claim Entry Screen.

NOTE 2: If a part is found in need of replacement while performing Campaign TUU and the affected part is still under warranty, submit a separate warranty claim using the same Repair Order. If the affected part is out of warranty, submit a Prior Approval Request for goodwill consideration prior to performing the work.

Service Procedure:

ROOF ANTENNA INSPECTION

1. Standing on a stable surface with enough reach to grab the roof antenna, inspect roof antenna cover for “loose” condition by grasping the top of the antenna and gently rocking antenna cover side to side (driver side to passenger side) several times.

NOTICE

Force to exert should be equivalent to no more than 5 lbs. side to side. Too much force can damage the antenna cover; too little force will not properly inspect for cover retention.



2. If the roof antenna cover stays secure, no further work is needed.

If the roof antenna cover comes loose, proceed to “ROOF ANTENNA REPLACEMENT” on the following page to replace the roof antenna assembly.

NO GOOD – Cover is lifted from the roof antenna body

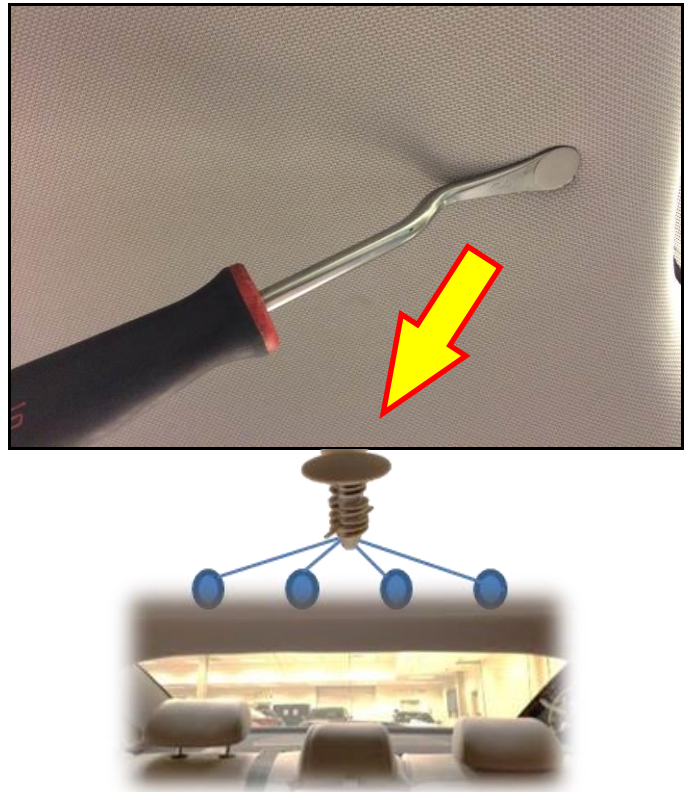


ROOF ANTENNA REPLACEMENT

NOTICE

Wear clean gloves when performing the roof antenna replacement to avoid contamination to the headliner.

1. Using clip removal tool, carefully remove 4 retaining clips at rear of the headliner.



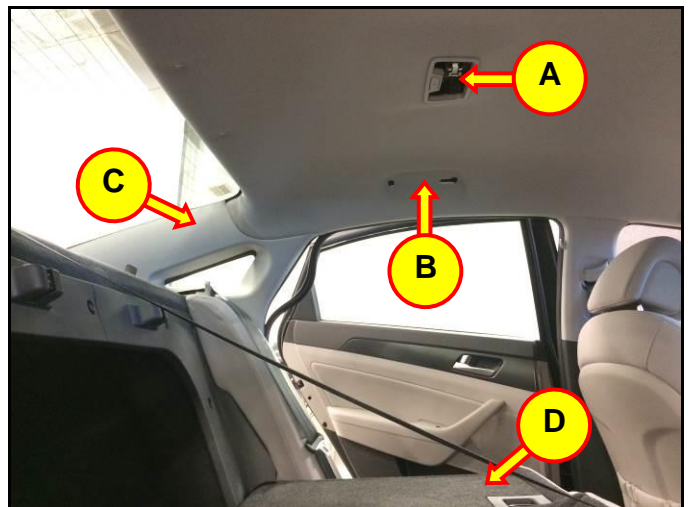
2. A. Use a small Flathead screwdriver to remove the rear dome light cover.

Use a Phillips screwdriver to remove the screw. The dome light assembly does not require to be removed.

B. Use a Phillips screwdriver to remove the LH and RH rear handle.

C. Separate the LH and RH C-pillar trim from the vehicle frame. The C-pillar trim assembly does not require to be removed.

D. Fold the rear seat downward.

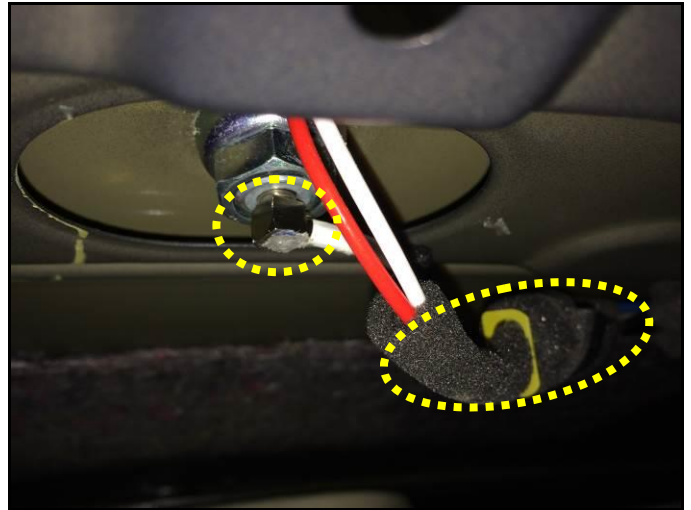


3. Gently lower center of headliner at rear glass to access the roof antenna connections.

Disconnect the roof antenna cables.

⚠ CAUTION

Use caution when lowering the headliner to prevent any damage.



4. Using a 19mm socket (3/4" SAE), loosen and remove the mounting nut from the base of the roof antenna.



5. From the outside of vehicle, gently pull the roof antenna upward to remove from the vehicle.

⚠ CAUTION

When removing the antenna, use caution to not scratch or damage the roof.



6. Insert the new replacement part into the antenna opening until fully seated to the roof panel / sunroof glass.



When installing antenna, use caution to not scratch or damage the roof.

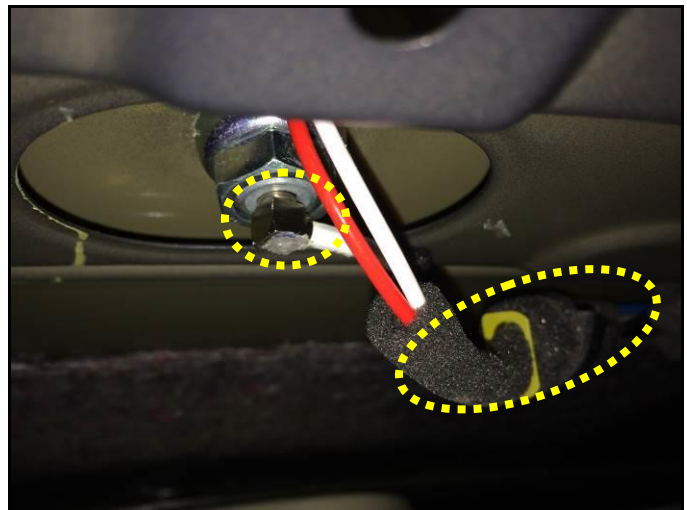


7. Reinstall the mounting nut and tighten roof antenna assembly to roof panel.

Tighten mounting nut to 7.85 ~ 14.72 Nm (6 ~ 11 ft.lb).



8. Reattach the antenna cables, ensuring both connections are fully seated.



9. Install all removed parts in reverse order of removal.
10. Confirm radio is able to pick up SXM stations and Blue Link is able to connect a call. If either functions do not operate correctly, diagnose and repair as needed.