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NEW POSSIBILITIES.

Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 17-01-028
DATE MARCH 2017	MODEL(S) SANTA FE SPORT (AN)

SUBJECT:

SANTA FE SPORT SEAT VENTILATION MODULE
INSPECTION/REPLACEMENT (SERVICE CAMPAIGN T1V)

*** IMPORTANT**

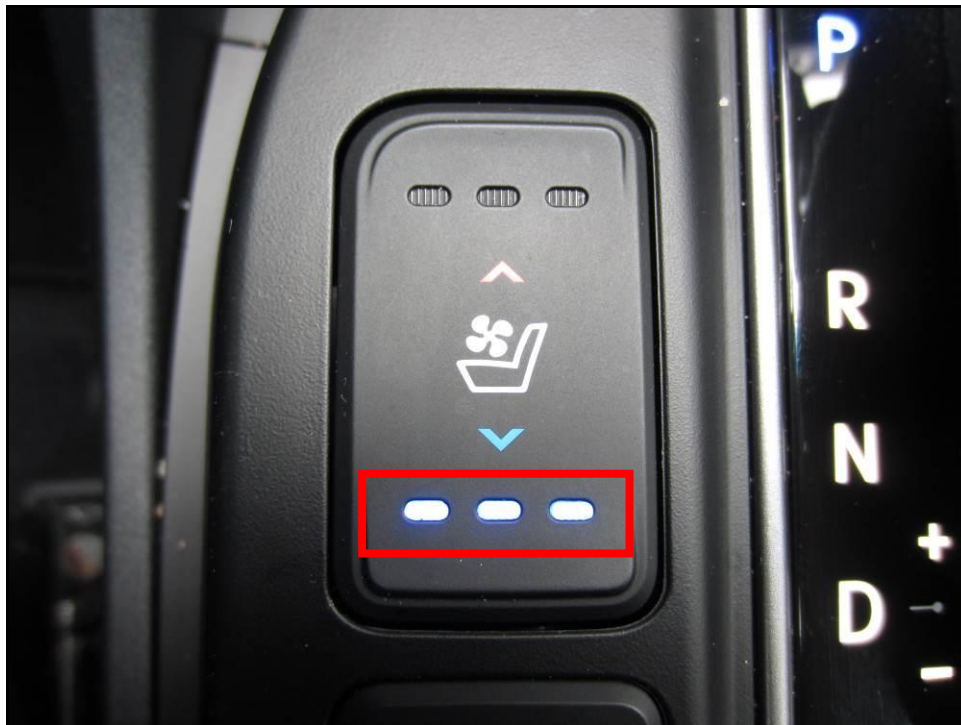
***** Dealer Stock and Retail Vehicles *****

Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery 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: Some 2017 Santa Fe Sport (AN) vehicles may contain the incorrect software seat ventilation control modules. In the affected vehicles, the user is not able to select the HIGH setting in the seat ventilation system. When HIGH setting is selected, the system will turn off.

This bulletin describes the procedure to inspect both front seats, and if necessary, replace the seat ventilation module based upon inspection results.



Applicable Vehicles: Certain 2017 Santa Fe Sport (AN) equipped with ventilated seat feature.

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

SUBJECT: SANTA FE SPORT SEAT VENTILATION MODULE INSPECTION/REPLACEMENT (SERVICE CAMPAIGN T1V)

Parts Information:

PART NAME	PART NUMBER	PART IMAGE	COMMENT
Seat Ventilation Module	88995-4Z020		The seat ventilation module has been placed on hold. If a part(s) is in need of replacement, follow the procedure on pages 4-5 (Part Release Request) for further instructions.

Warranty Information:

MODEL	OP. CODE	OPERATION	OP. TIME	CAUSAL PART	NATURE	CAUSE
Santa Fe Sport (AN) Vehicles with VIN beginning with 5XY...	70CG03R0	Inspect Ventilation Module P/N (both sides)	0.4 M/H	88995-4Z020	I83	ZZ3
	70CG03R1	Inspect & Replace Seat Ventilation Module (1 seat)	1.0 M/H	88995-4Z020	I83	ZZ3
	70CG03R2	Inspect & Replace Seat Ventilation Module (both seats)	1.6 M/H	88995-4Z020	I83	ZZ3
Santa Fe Sport (AN) Vehicles with VIN beginning with 5NM...	70CG03R3	Inspect Ventilation Module P/N (both sides)	0.4 M/H	88995-4Z020	I83	ZZ3
	70CG03R4	Inspect & Replace Seat Ventilation Module (1 seat)	1.0 M/H	88995-4Z020	I83	ZZ3
	70CG03R5	Inspect & Replace Seat Ventilation Module (both seats)	1.6 M/H	88995-4Z020	I83	ZZ3

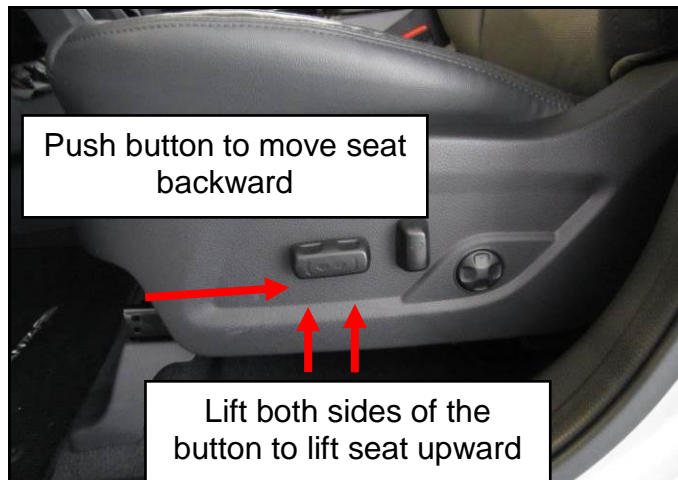
NOTE: Submit Claim on Campaign Claim Entry Screen

NOTE 2: If a part is found in need of replacement while performing Service Campaign T1V 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.

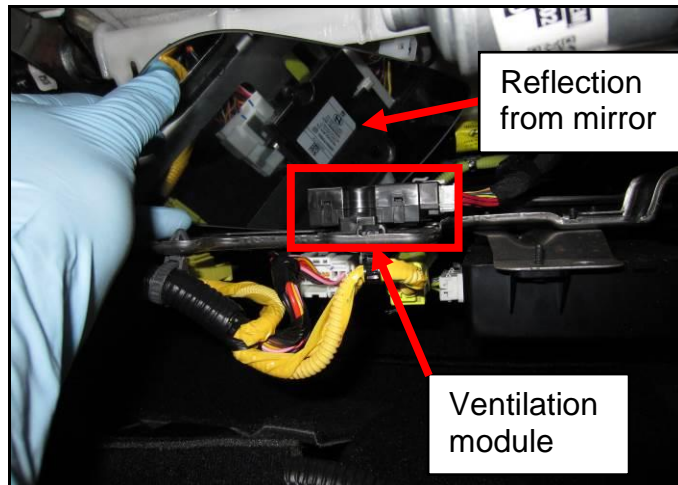
Service Procedure:

SEAT VENTILATION MODULE INSPECTION PROCEDURE

1. Slide the driver and passenger seat fully to the back and lift seat all the way up.



2. Use a flashlight and a mirror to locate the ventilation module under the seat.



3. **If the P/N ends with "A" on both seats, they are the correct modules.** No need to replace the modules. TSB procedure is complete. Use labor op 70CG03R0 or 70CG03R3 depending upon the vehicle VIN, and place the seats back to their original position.

If either seat ventilation module P/N ends with "B", the module must be replaced.

NOTICE

The seat ventilation module has been placed on hold. Follow the procedure on the next page for the part(s) release instructions.

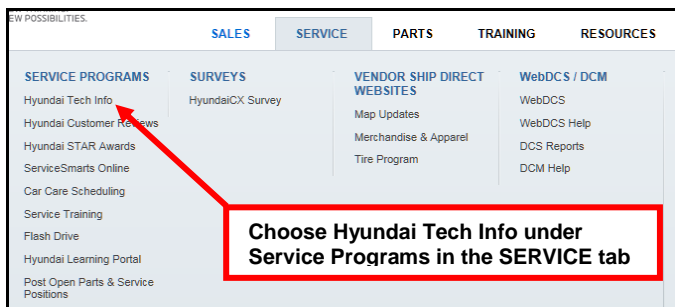


PART RELEASE REQUEST

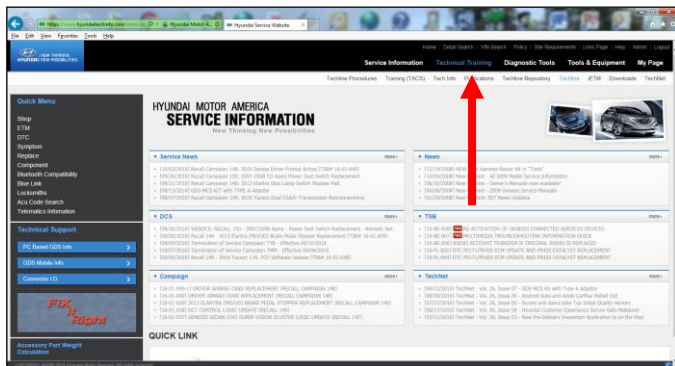
1. Take a picture of the module label.



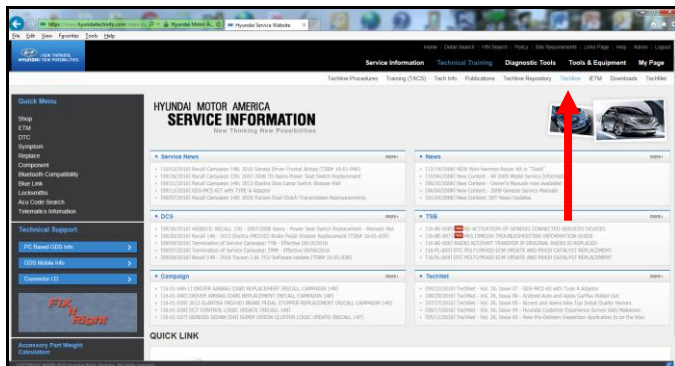
2. Log on to HMA Hyundai Tech Info Webpage: www.hyundaidealer.com. Then select Hyundai Tech Info from the “Service Programs” section under the “SERVICE” tab.



3. From the Hyundai Tech Info screen, select “Technical Training”.



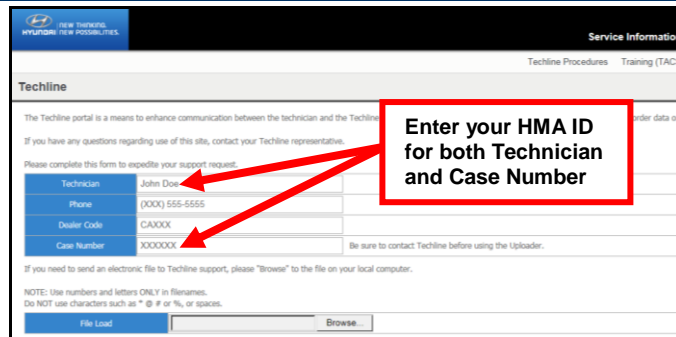
4. Select “Techline”.



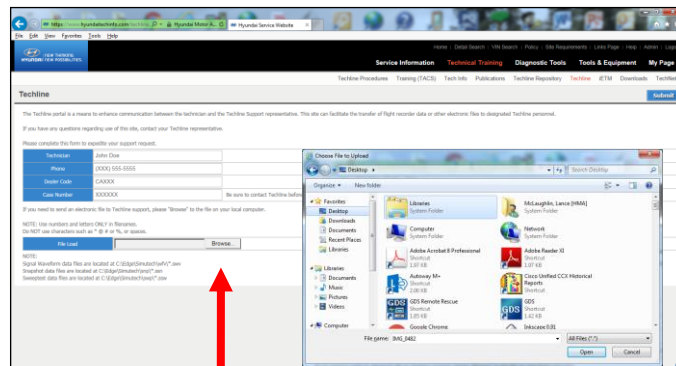
5. Complete the form.

Enter your HMA ID Number into both the “Technician” and “Case Number” fields.

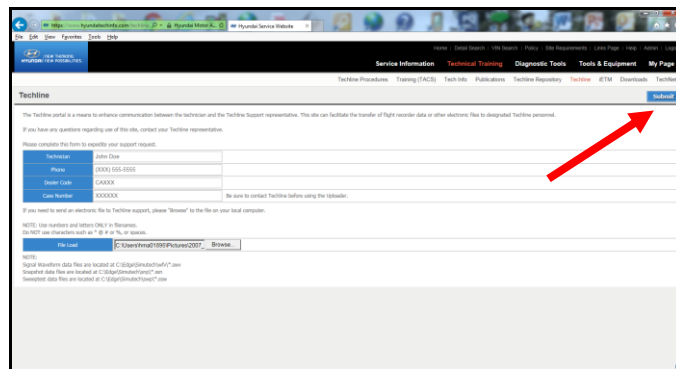
Ignore the warning “Be sure to contact Techline before using the Uploader”.



6. Select “Browse” and select a file (picture of the module label from page 4 step 1) on the your local computer.



7. Select “Submit”.



8. Contact Techline (1-800-325-6604), after uploading photos to the Repository, for further instruction. Select option menu three, for Campaigns.

SEAT VENTILATION MODULE REPLACEMENT PROCEDURE

1. If applicable, record the customer's radio preset stations for AM/FM/XM.
2. Open the hood by pulling on the hood release to access the negative battery terminal.



3. Disconnect the negative battery terminal.

**Negative battery terminal tightening torque:
4.0 ~ 6.0 N.m (0.4 ~ 0.6 kgf.m, 3.0 ~ 4.4 lb-ft)**



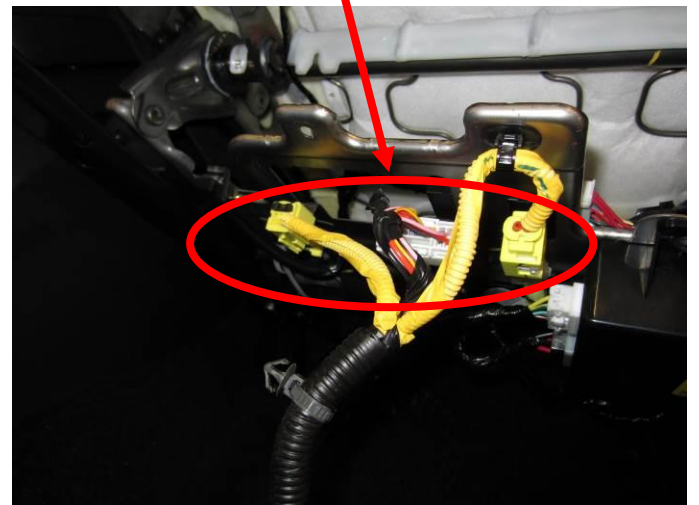
4. Remove the four seat bolt covers by gently pulling the covers outward and away from the seat rail.



5. Remove the four seat bolts using a 14mm socket and ratchet.

Seat bolt tightening torque:***34.3 ~ 53.9 N.m (3.5 ~ 5.5 kgf.m, 25.3 ~ 39.8 lb-ft)***

6. Tilt the seat backward and disconnect the three harness connectors from under the seat.



- 7. Remove the seat from the vehicle and place it on a clean surface.

⚠ CAUTION

Be extremely careful to not scratch the vehicle paint/panels when removing the seat(s).



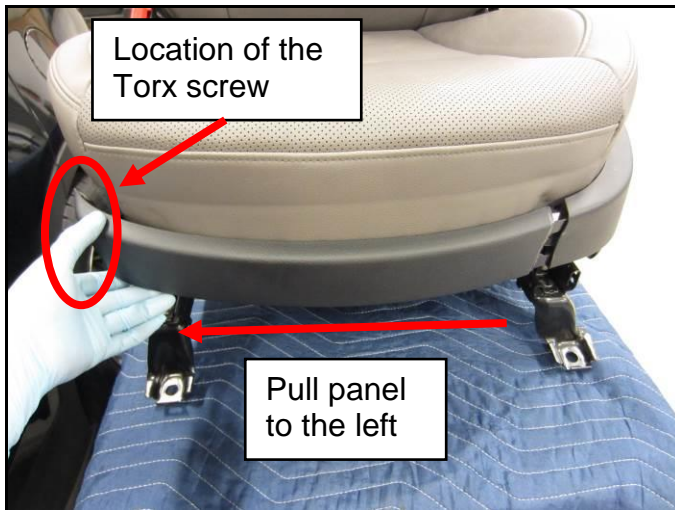
- 8. Use a panel removal tool and remove the switch buttons. Carefully pry the buttons outward.



- 9. Remove the Phillips screw located on the left side of the seat, and pull the cover to the left as shown in the picture.

NOTICE

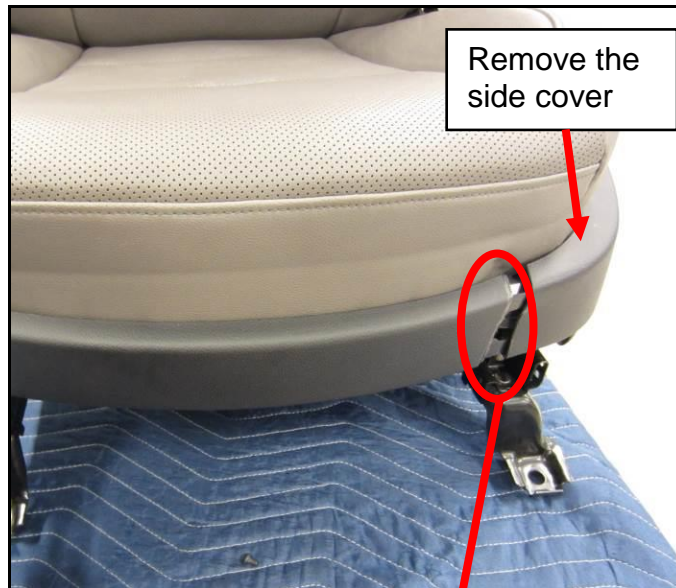
The panel may be difficult to remove. Gently wiggle the panel up and down to help loosen the two locking tabs.



10. Remove the T25 Torx screw located in the picture shown to the right and remove the seat side cover.

NOTICE

The Torx screw is accessible after removing the front seat cover.



- 11A. To separate the bottom seat cushion from the seat frame, follow steps 11A-11F.

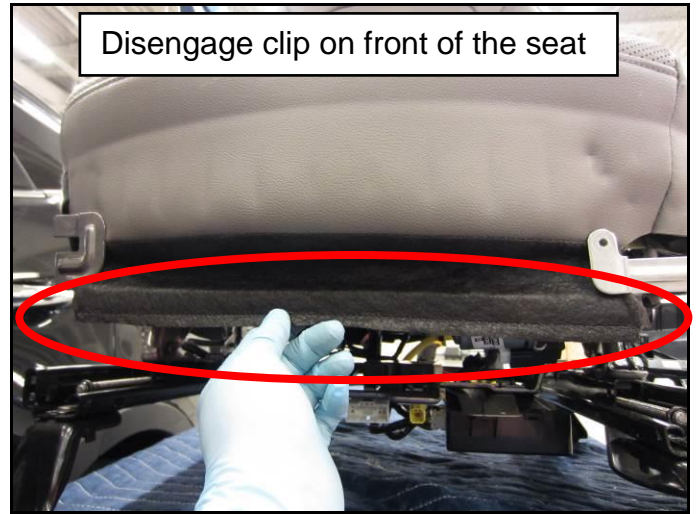
Disengage clips on right side of the seat.

NOTICE

To disengage the cushion clips, pull down and outward.



11B. Disengage clip on front of the seat.



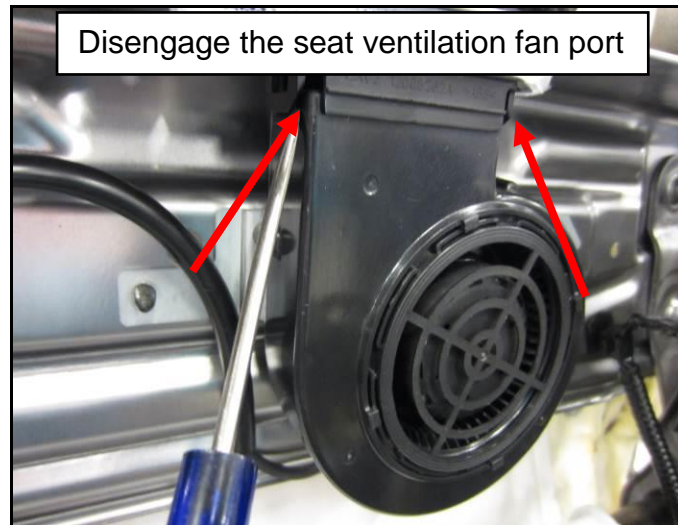
11C. Disengage clip on left side of the seat.



11D. Use a small Flathead screwdriver to disengage the seat belt harness clip.



11E. Use a small Flathead screwdriver to release the seat ventilation fan port locking tabs.



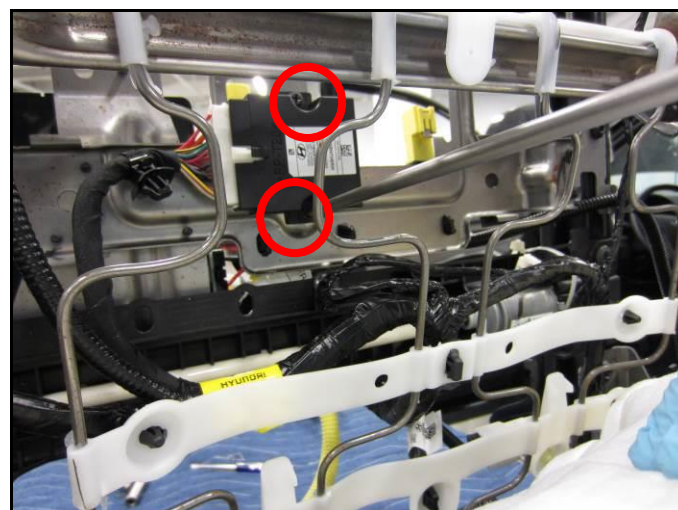
11F. Tilt the seat to lay it on the backrest, and lift the bottom cushion to access the seat ventilation module.



12. Use a Phillips screwdriver and remove the two screws holding the seat ventilation module.

Replace the seat ventilation module.

Repeat steps 4-11 on pages 6-11 if the other seat requires the ventilation module replaced.



13. Install all removed parts in reverse order of removal.

14. Reconnect the negative battery terminal.

15. Turn the ignition ON and confirm no DTC(s) are present.

If a DTC(s) is present, use the GDS to clear the code.

If applicable, clear any DTCs in the Blue Link system per instructions of TSB 12-BE-005-2.

16. Confirm the seat function, seat function buttons, and ventilation systems are operating normally.

17. If applicable, reprogram the customer's radio presets for AM/FM/XM.