

 HYUNDAI NEW THINKING. NEW POSSIBILITIES. Technical Service Bulletin	GROUP BODY ELECTRICAL	NUMBER 15-BE-002
	DATE FEBRUARY 2015	MODEL(S) 2006 - 2008 SONATA (NF)
SUBJECT:	AIRBAG MIL ON WITH DTC B1701/B1706	

Description: This bulletin provides diagnostic and service procedures to repair the symptom of an airbag warning illuminated with DTC (Diagnostic Trouble Code) B1701 and/or B1706. The service procedure includes inspection of the seat belt buckle pretensioner connector and adding a cable tie to secure the connector.

Note: Presence of one or both of these codes does not affect the ability of the airbag system to detect a collision or deploy the seat belt retractor pretensioners and airbags when required.

DTC Information:

- B1701: Buckle Pretensioner - Driver resistance too high.
- B1706: Buckle Pretensioner - Passenger resistance too high.

If a vehicle exhibits one or both of the listed DTCs, follow the service procedure(s) described in this bulletin.

Applicable Vehicles: 2006 - 2008 Sonata (NF)

Note: Pretensioner warranty coverage has been extended to 15 years from the date of original retail delivery or date of first use, or 250,000 miles, whichever occurs first.

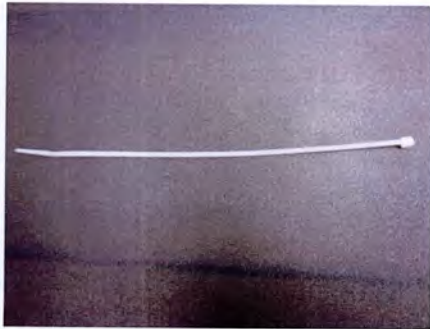


Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

SUBJECT: REPAIR PROCEDURE FOR AIRBAG MIL WITH DTC B1701/B1706

Parts Information:

A pack of 100 cable ties have been mailed to all dealers. Additional cable ties can be ordered through the PDC.

PART IMAGE	PART NUMBER	DESCRIPTION
 <p data-bbox="305 810 440 842">Cable Tie</p>	00305-7130K (P/N for ordering purposes only)	2 Cable Ties required per vehicle

Note: Part number 00305-7130K is for 1 package, which contains 100 cable ties.

Warranty Information:

MODEL	OP CODE	OPERATION	CAUSAL PART	OP TIME
NF	88801F01	FRONT DRIVER AND PASSENGER BUCKLE PRETENSIONER CONNECTOR	88840-0A000QD	0.6 M/H

Note: Warranty reimbursement use P/N 00305-7130KW on claim. Use quantity of 2 on each claim.

Note: Pretensioner warranty coverage has been extended to 15 years from the date of original retail delivery or date of first use, or 250,000 miles, whichever occurs first.

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Service Procedure:

1. Turn the ignition ON and wait 10 seconds.
2. Connect the GDS scan tool to the vehicle and scan for DTCs.

If any of the following active or history codes are present, proceed to step 3 below.

- B1701
- B1706

NOTICE

If B1701 or B1706 are not present, follow normal repair procedures from the service shop manual.



3. On the GDS, erase all the DTC(s) including the history codes.
4. Disconnect Battery negative (-) terminal.

NOTICE

Record the customer's radio stations.



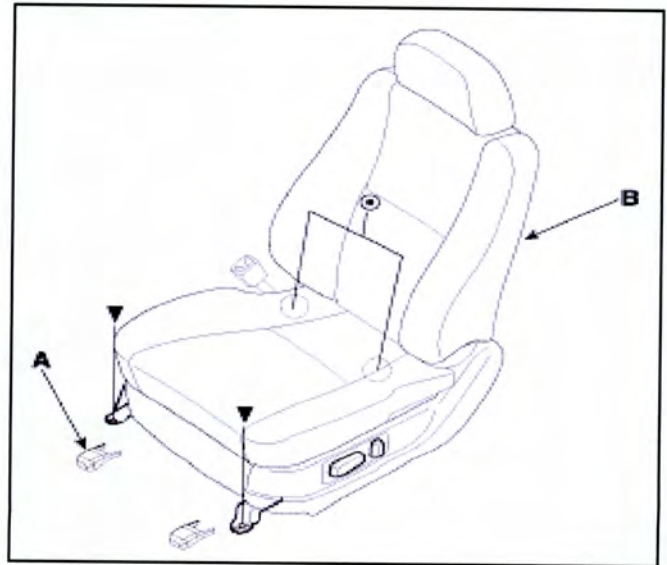
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5. Remove the driver and passenger seats assembly mounting cover.

Remove the seats mounting bolts and nuts.

Bolt : 34.5 ~ 53.9Nm (3.5 ~ 5.5 kgf.m, 25.3 ~ 39.8 lb-ft)

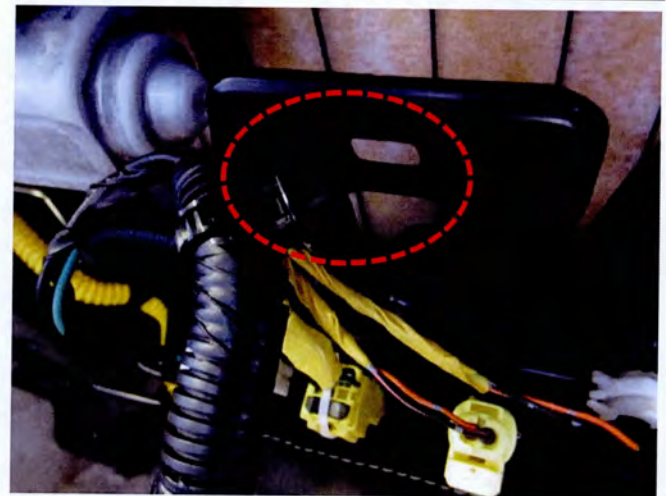
Nut : 23.5 ~ 35.9Nm (2.4 ~ 3.6 kgf.m, 17.4 ~ 26.0 lb-ft)



6. Lean the seat backward to access the bottom of the seat.



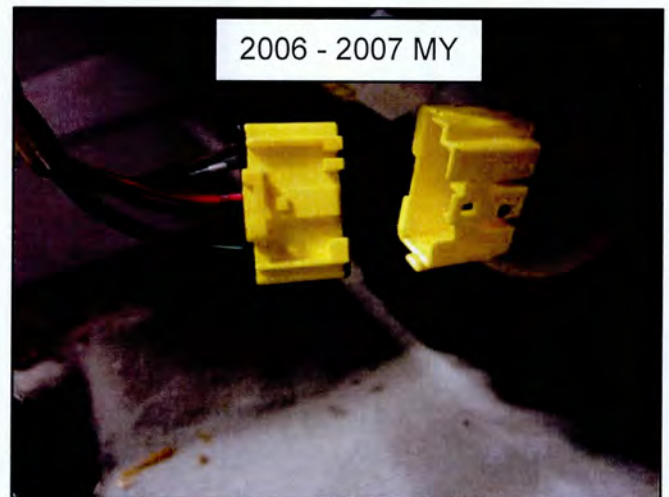
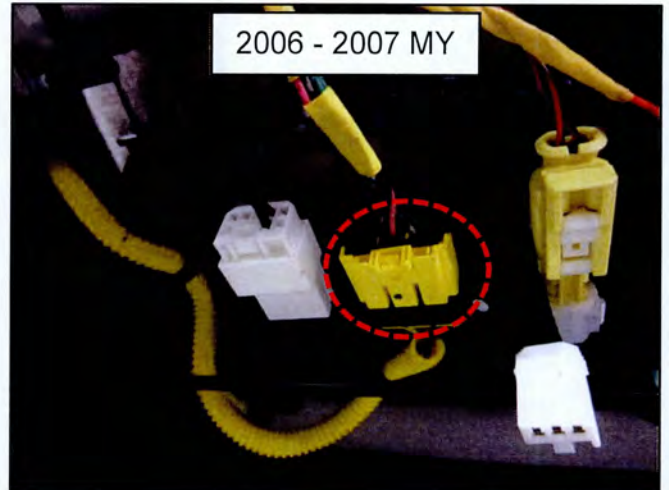
7. Remove the wire harness clip from under the seat body frame.



8. Disconnect the buckle pretensioner connector.

Inspect the connector pins for any abnormalities or indications of damage. Replace any damaged components.

Using compressed air, remove any debris from the connectors.

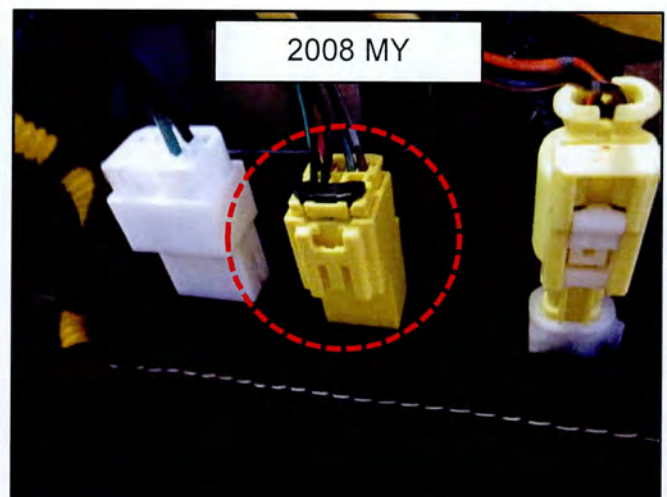


NOTICE

The air gun (70-130 psi) should be placed at least 1 foot away from the wire harness connector to prevent damaging the pins.

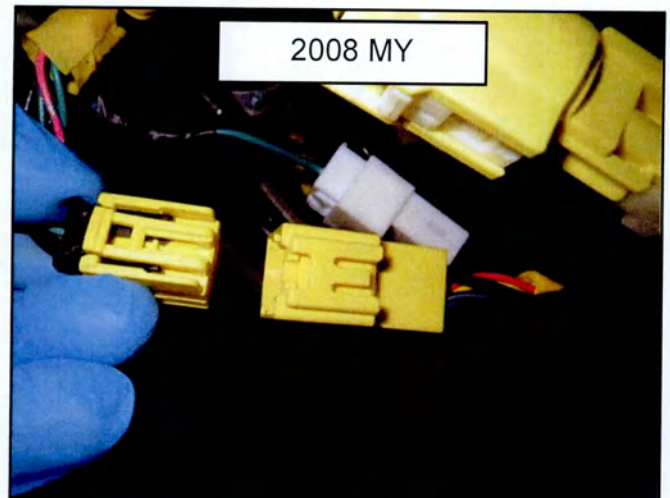
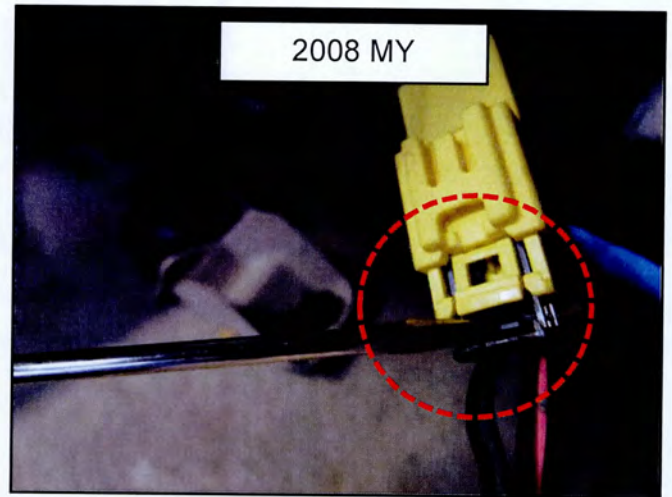
CAUTION

- Safety glasses should be worn when blowing air into the harness connector.

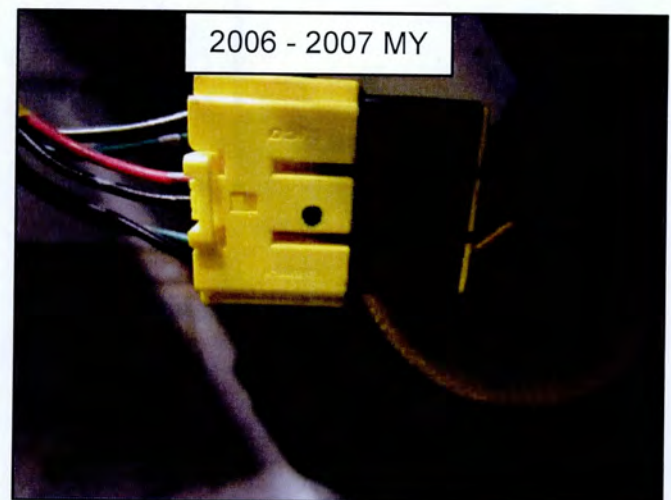


NOTICE

To disconnect the 2008 MY connector, remove the black locking tab first, and then press down on the yellow tab.



9. Reconnect the buckle pretensioner connector until a confirmation 'click' is heard and felt.



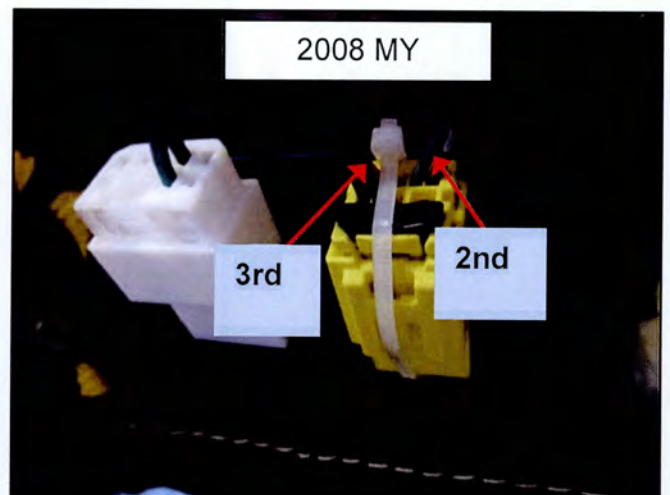
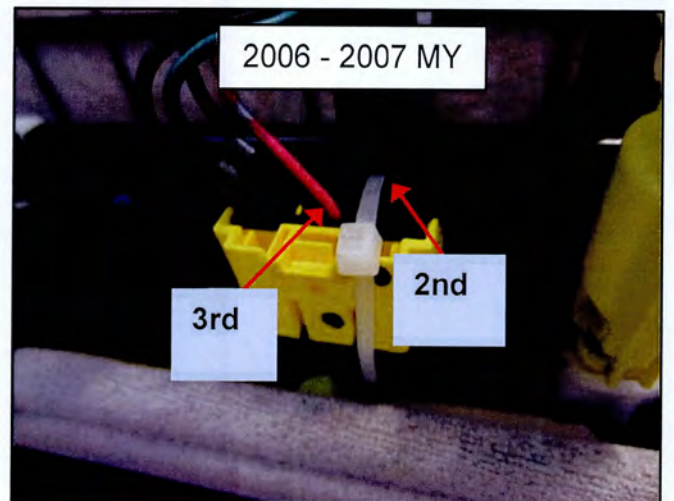
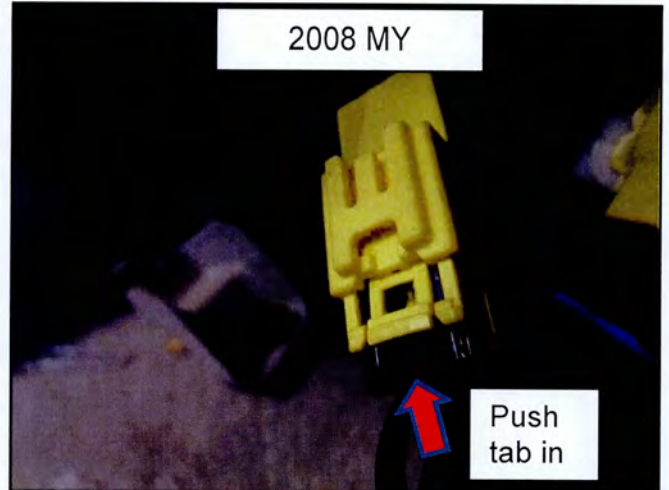
NOTICE

For 2008 MY, ensure the black locking tab is pushed into the connector.

10. Secure the male and female connector together using the cable tie.

NOTICE

- Insert the cable tie around the connector body between the 2nd and 3rd wire.
- Do not use the cable tie to secure the connector to the seat frame.

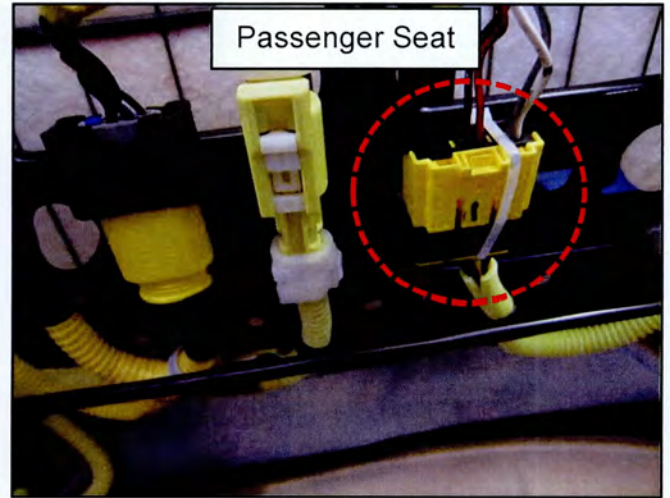
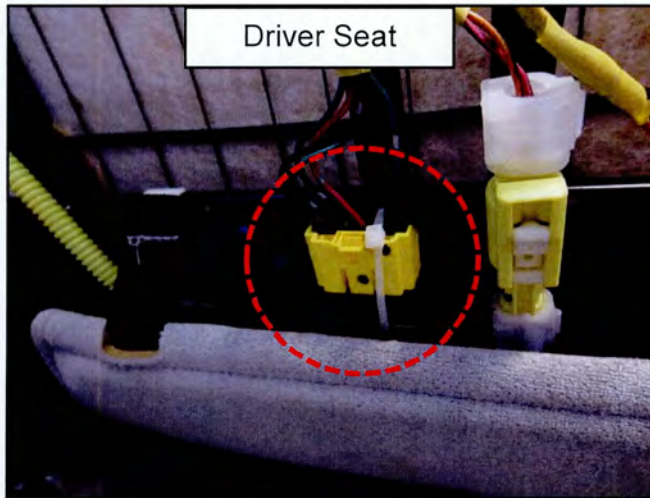


SUBJECT:

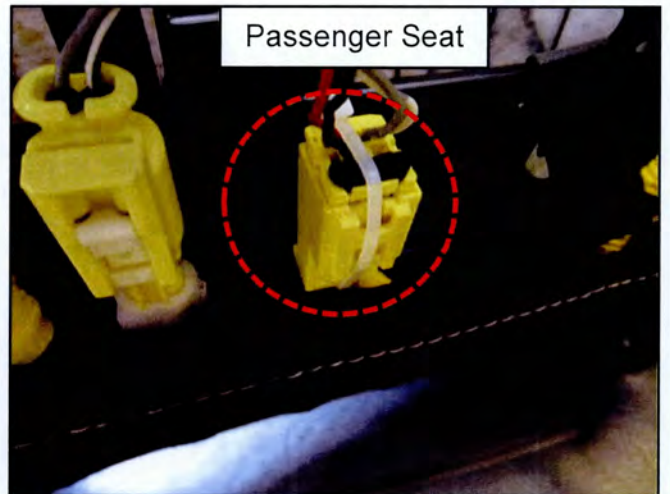
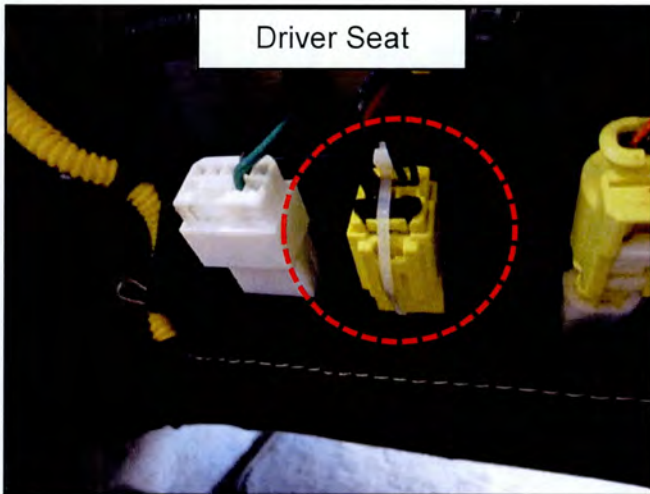
REPAIR PROCEDURE FOR AIRBAG MIL WITH DTC B1701/B1706

Cable Tie Installed

2006 – 2007 MY



2008 MY



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11. Reinstall the seat in reverse order.
12. Reconnect the Battery Negative Cable and turn the ignition ON, and verify if the airbag MIL is OFF.

If the AIRBAG MIL is ON, connect the GDS to the vehicle and diagnose/repair DTC(s) including any history codes.

NOTICE

Program the customer's radio stations.

