



HYUNDAI Technical Service Bulletin

Group	CAMPAIGN
Number	08-01-025
Date	NOVEMBER, 2008
Model	2001 - 2002 ELANTRA

Subject
AIRBAG CONTROL UNIT VINYL COVER INSTALLATION AND SIDE AIRBAG CONNECTOR CLIP REPLACEMENT (CAMPAIGN 088)

CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY MGR	<input type="checkbox"/> SALES MANAGER

IMPORTANT: DEALERS MUST PERFORM THIS CAMPAIGN ON ALL AFFECTED VEHICLES WHENEVER AN AFFECTED VEHICLE IS IN THE SHOP FOR ANY MAINTENANCE OR REPAIR.

IMPORTANT: WHEN A VEHICLE ARRIVES AT THE SERVICE DEPARTMENT, ACCESS HYUNDAI MOTOR AMERICA'S "WARRANTY VEHICLE INFORMATION" SCREEN VIA WEBDCS TO IDENTIFY OPEN CAMPAIGNS.

DESCRIPTION:

This bulletin describes the repair procedures for two conditions that lead to airbag warning light illumination.

Production Date: June 30, 2000 through April 26, 2001 (Labor Operation 81B026R0)

Includes following:

- Side Airbag Wiring Connector Clip Replacement and Wiring Attachment Revision
- Airbag Control Module Vinyl Cover Installation

Production Date: April 27, 2001 through December 18, 2001 (Labor Operation 81B026R1)

Includes following:

- Side Airbag Wiring Connector Clip Replacement and Wiring Attachment Revision

Airbag Control Module Vinyl Cover Installation: If a drink is spilled in the area of the cupholder on the center console, the liquid may seep through the console opening for the parking brake lever and drip onto the airbag control module connector that is located under the center console. If the airbag control module is contaminated, it will result in airbag warning light illumination. This bulletin provides the procedure to install a protective cover over the airbag control module wiring connector to protect the module from unintentional liquid spills.


Side Airbag Wiring Connector Clip Replacement & Wiring Attachment Revision:

A side impact airbag wiring harness is mounted under each front seat. If that wiring harness experiences movement, possibly caused by contact from materials placed under the seat, it may result in an electrical resistance that would result in airbag warning light illumination. This bulletin provides the procedure to replace the side impact airbag wiring harness connector clips and revised wiring harness attachments under the driver's and front passenger's seats.

NOTE: Before conducting the appropriate repair procedure, verify the vehicle falls within the production date range as noted above.

Airbag Control Module Vinyl Cover Installation (June 30, 2000 through April 26, 2001):

Parts Information:

PART NAME	PART NUMBER	REMARKS
Vinyl Cover	95910-2D500QQH	

1. The IGNITION SWITCH MUST BE OFF and the KEY MUST BE REMOVED from the ignition switch before beginning this procedure.



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2. For automatic transaxles, apply the parking brake and place the shift lever in the Neutral ("N") position. Lift and remove the console upper cover.



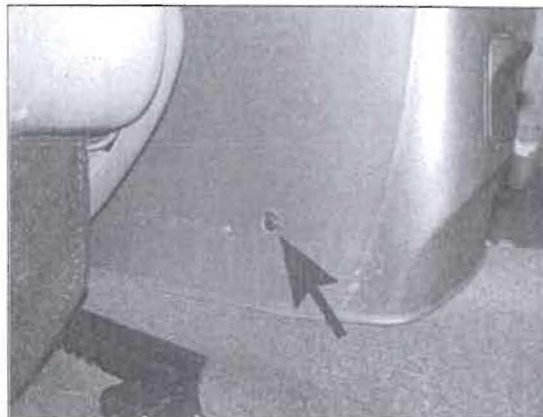
For manual transaxles, apply the parking brake and rotate the shift lever knob counterclockwise to remove. Lift and remove the console upper cover.



3. Remove the floor console forward and center mounting screws on both sides.



4. Slide the front seat forward and remove the floor console rear mounting screws on both sides.



5. Lift up and remove the floor console assembly.



6. Using a clean dry cloth, wipe the airbag control module top surface near the connector to remove any dirt or contaminants.





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7. Remove the white backing strip from the adhesive on the vinyl cover.



8. Align the adhesive section of the vinyl cover to the edge of the airbag control module near the connector and attach the vinyl cover to the top surface of the airbag control module.



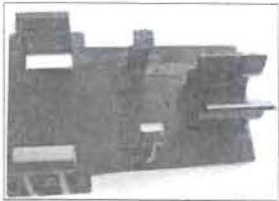
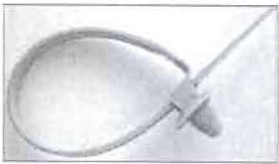
9. Make sure the vinyl cover is centered and extends over the edge of the airbag control module to shield the airbag control module wiring connector.



10. Install all the removed components in reverse order of removal.

Service Procedure for Side Airbag Wiring Connector Clip Replacement & Wiring Attachment Revision (June 30, 2000 through December 18, 2001):

PARTS INFORMATION:

KIT NAME	KIT PART NUMBER	KIT CONTENTS	DESCRIPTION	QNTY
Kit - Connector Clip	91100-2D999QQH	Connector Clip		2EA
		Wire Tie		4EA

NOTE: Before conducting the repair procedure, verify the vehicle falls within the production date range.

Driver's Seat Procedure:

1. Record the customer's radio stations and disconnect the negative battery cable.



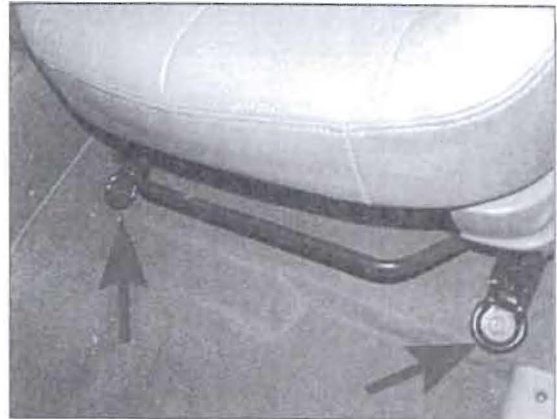
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- Using the recliner lever, tilt the driver's seatback fully forward.



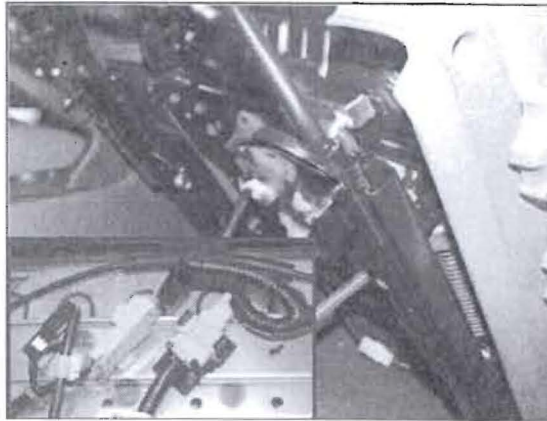
- Slide the driver's seat fully rearward and remove the 2 front seat track mounting bolts.



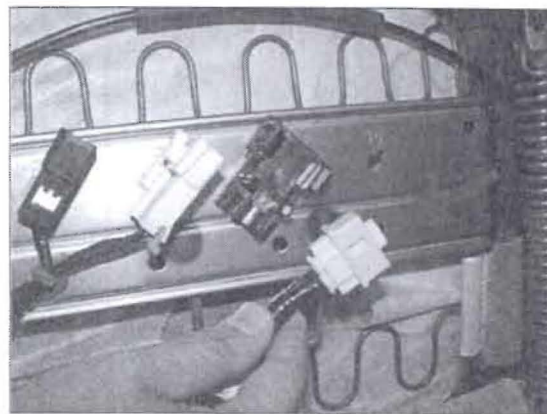
- Slide the driver's seat fully forward and remove the 2 rear seat track mounting bolts.



5. Tilt the driver's seat assembly rearward and disconnect the Buckle Switch, the Buckle Sensor and the side airbag (SAB) wiring connectors on the seat under frame.



6. Remove the SAB module wiring connector from the SAB wiring connector clip.



7. Remove the SAB wiring connector clip from the seat under frame and install a new wiring connector clip supplied in the kit.





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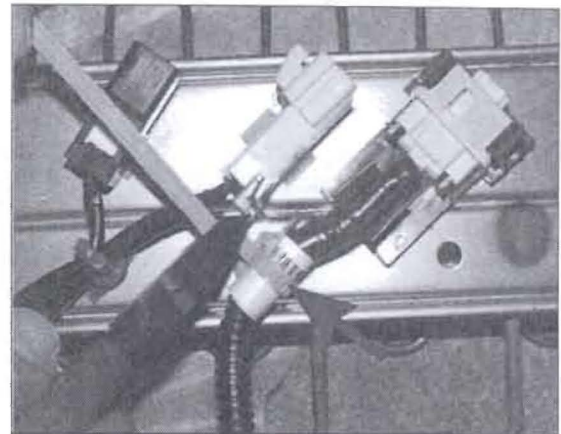
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8. Reinstall the SAB module wiring connector to the new wiring connector clip in the direction of the arrow.



9. Tie the SAB wire loosely with the new wire tie supplied in the kit and insert the wire tie anchor point into the seat frame hole until it snaps into place (see photo). Adjust the SAB wire and tighten the wire tie. Cut off the excess wire tie using a wire clipper.

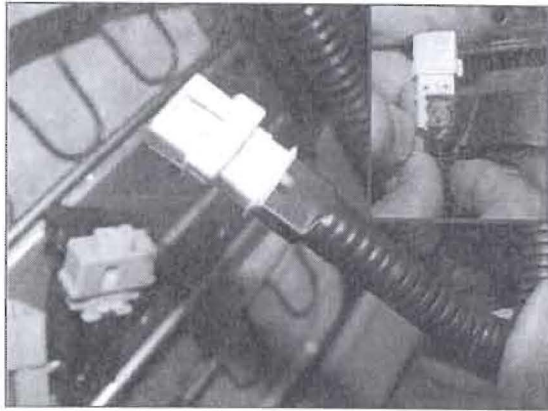


10. Remove the wrapped electrical tape over the airbag floor wiring connector and the corrugated tube.



11. Using new electrical tape, tape the airbag floor wire, covering the connector and the end of the corrugated tube as shown in the photo.

NOTE: Be sure to push the corrugated tube end against the connector when taping.



12. Reconnect the 3 wiring connectors and loosely tie the airbag floor wire with a wire tie. Insert the wire tie anchor point into the seat frame hole until it snaps into place. Adjust the airbag wiring and tighten the wire tie. Cut off the excess cable using a wire clipper.

NOTE: Be careful not to bend the wire harness at the connector.

NOTE: Be sure to tie the air bag floor wire approximately 1 ¾ inches (40mm) from the point it splits to the 3 connectors.



13. Install the driver's seat in reverse order of removal.

Tightening Torque:

Seat Track Bolts: 35-55 Nm (350-550 kg.cm, 25-40 lb.ft)



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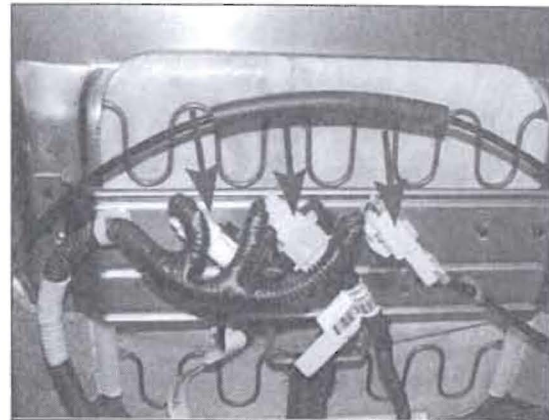
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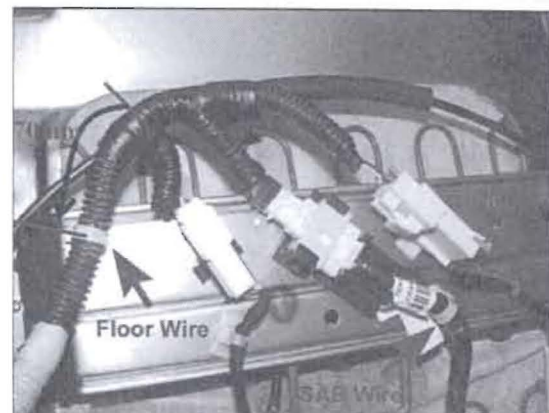
Front Passenger Seat Procedure:

14. Using the recliner lever, tilt the passenger's seatback fully forward.
15. Slide the passenger's seat fully rearward and remove the 2 front seat track mounting bolts.
16. Slide the passenger's seat fully forward and remove the 2 rear seat track mounting bolts.
17. Tilt the front passenger's seat assembly rearward and disconnect the Passenger Presence Device (PPD) Sensor, SAB Module and Buckle Sensor wiring connectors on the seat under frame.



18. Apply steps 6 through 11 to the front passenger's seat SAB wiring connector
19. Reconnect the 3 wiring connectors.
20. Using the wire tie supplied in the kit, loosely tie the air bag floor wire. Insert the wire tie anchor point into the seat frame hole until it snaps into place. Adjust the air bag floor wire and tighten the wire tie. Cut off the excess wire tie using a wire clipper.

NOTE: Be careful not to bend the wire harness at the connector.



NOTE: Be sure to connect the air bag wiring about 2 ¾ inches (70mm) from the point it splits to the 3 connectors.

20. Install the front passenger's seat in reverse order of removal.

Tightening Torque:

Seat Track Bolts: 35-55 Nm (350-550 kg.cm, 25-40 lb.ft)

21. Reconnect the negative battery cable and reset the customer's radio stations and clock.

22. Verify that all components that have been removed or disconnected function correctly.

CAMPAIGN CLAIM INFORMATION:

Wiring Connector Clip Replacement & Wire Re-Routing (April 27, 2001 through December 18, 2001)

OP CODE	OPERATION	OP TIME
81B026R1	SAB Wiring Connector Clip Replacement and Wire Re-Routing (both sides)	0.3 M/H

Wiring Connector Clip Replacement & Wire Re-Routing and Vinyl Cover Installation (June 30, 2000 through April 26, 2001)

OP CODE	OPERATION	OP TIME
81B026R0	SAB Wiring Connector Clip Replacement and Wire Re-routing (both sides) and Vinyl Cover Installation	0.5 M/H

NOTE: Submit claim using the Campaign Claim Screen.