



January 15, 2009

Mr. Daniel Smith  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
Washington, D.C. 20590

RE: NHTSA Recalls 08V-532 and 08V-533, Hyundai Recall 088

Dear Mr. Smith:

Hyundai Motor Company previously submitted a Defect Information Report to NHTSA regarding a recall campaign of model year 2001 and some 2002 Hyundai Elantra vehicles (NHTSA Recall Numbers 08V-532 and 08V-533) pursuant to Part 573 of Title 49 of the Code of Federal Regulations. Hyundai is updating the information previously provided as follows:

Campaign 08V-532 affects 78,369 model year 2001 Elantra vehicles produced beginning June 30, 2000 through April 26, 2001.

Campaign 08V-533 affects 150,541 model years 2001 and 2002 Elantra vehicles produced beginning June 30, 2000 through December 18, 2001.

Owner notification was conducted in six mailings beginning on November 24, 2008 and concluding on December 29, 2008.

Enclosed for NHTSA's files are final copies of the Technical Service Bulletin, Pre-Notification Recall Remedy Reimbursement Plan, owner notification letters and dealer notification letters.

Sincerely,

A handwritten signature in black ink that reads 'Robert Babcock'.

Robert Babcock  
Senior Manager, Regulation and Certification Department

Attachments

**Hyundai-Kia America Technical Center Inc.**  
6800 Geddes Road, Superior Township, MI 48198  
TEL: 734-337-9499 FAX: 734-483-5919



# 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)**

<b>CIRCULATE TO:</b>	<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.

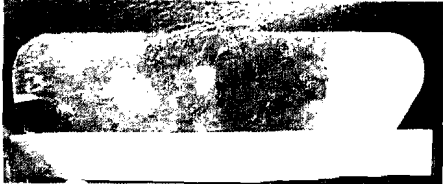
**Side Airbag Wiring Connector Clip Replacement & Wiring Attachment Revision:**

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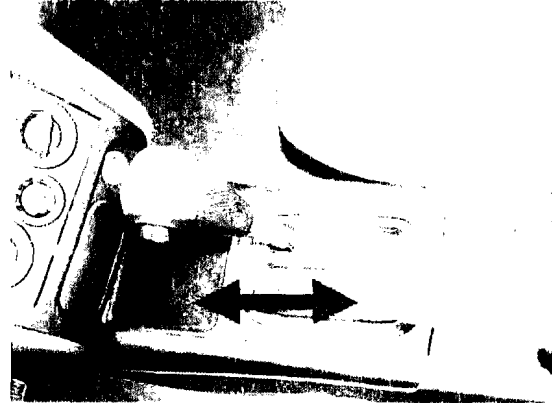
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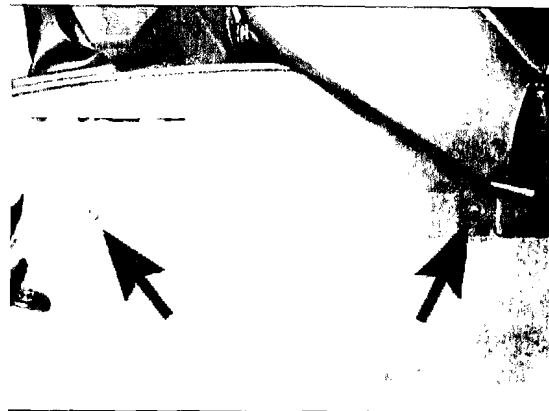
2. For automatic transaxles, apply the parking brake and place the shift lever in the Neutral ("N") position. Lift and remove the console upper cover.



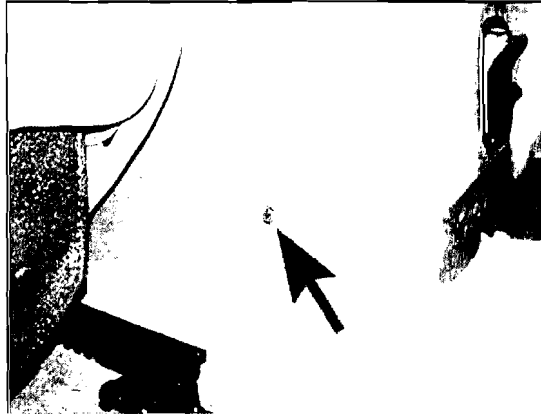
For manual transaxles, apply the parking brake and rotate the shift lever knob counterclockwise to remove. Lift and remove the console upper cover.



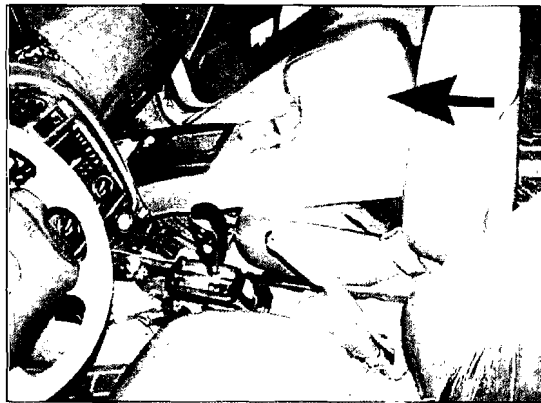
3. Remove the floor console forward and center mounting screws on both sides.



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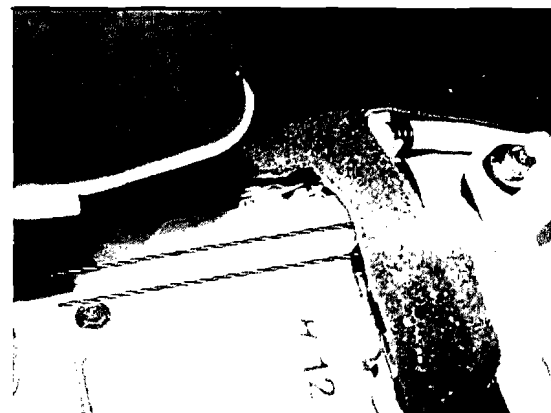
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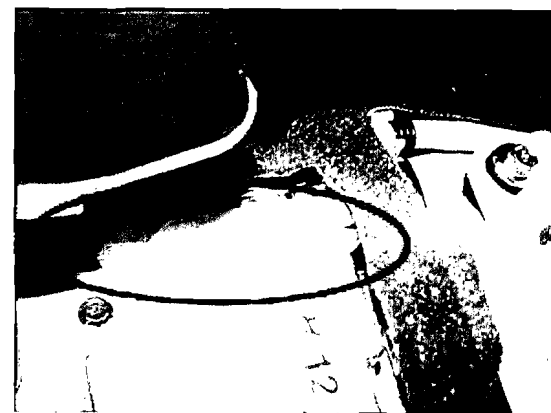
7. Remove the white backing strip from the adhesive on the vinyl cover.



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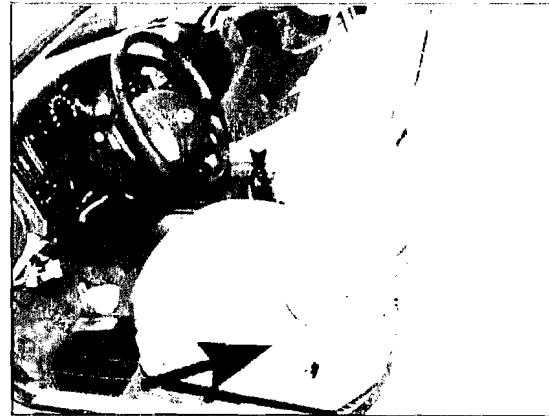
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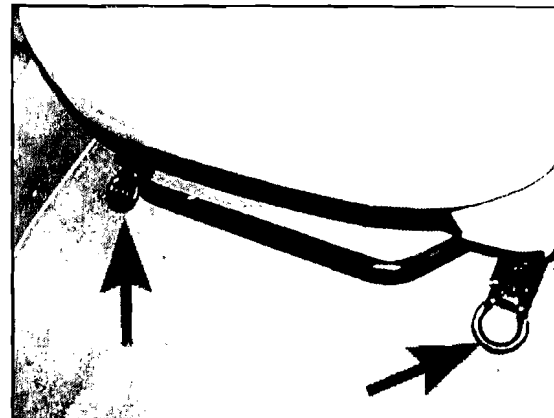
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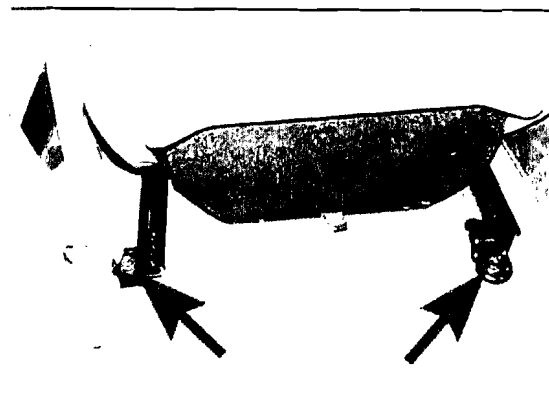
2. Using the recliner lever, tilt the driver's seatback fully forward.



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

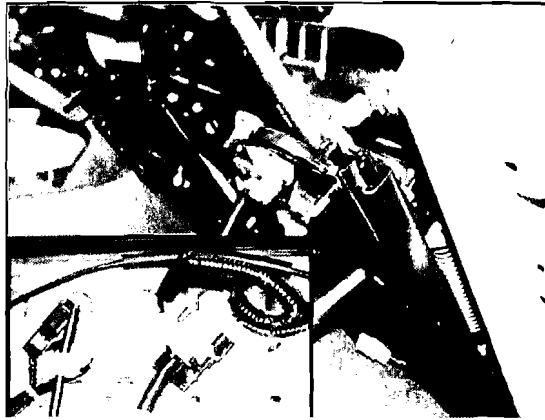


4. Slide the driver's seat fully forward and remove the 2 rear seat track mounting bolts.

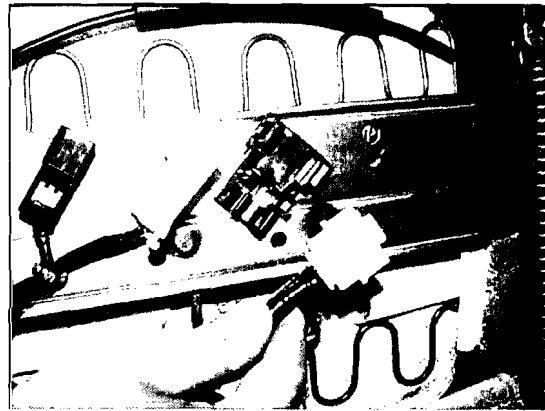




5. Tilt the driver's seat assembly rearward and disconnect the Buckle Switch, the Buckle Sensor and the side airbag (SAB) wiring connectors on the seat under frame.



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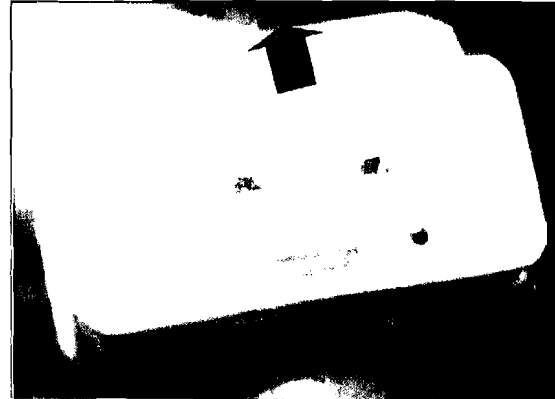
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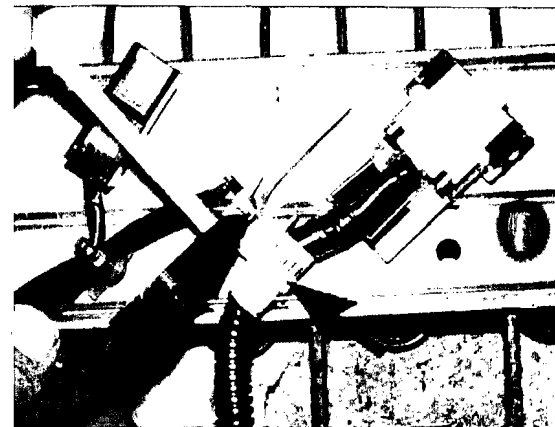
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8. Reinstall the SAB module wiring connector to the new wiring connector clip in the direction of the arrow.



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.

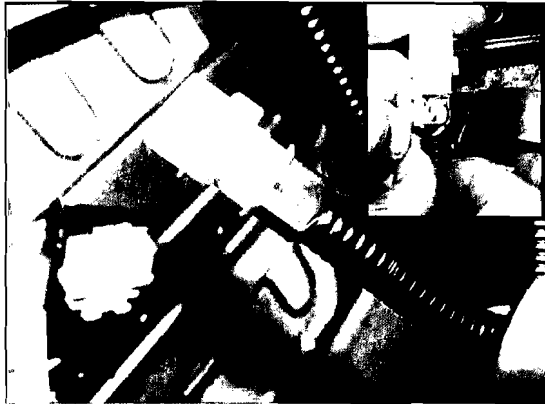


10. Remove the wrapped electrical tape over the airbag floor wiring connector and the corrugated tube.



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.

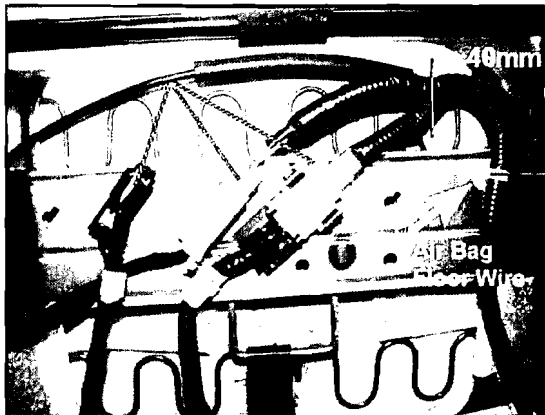
**NOTE:** Be sure to push the corrugated tube end against the connector when taping.



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 3/4 inches (40mm) from the point it splits to the 3 connectors.



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

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#### Tightening Torque:

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

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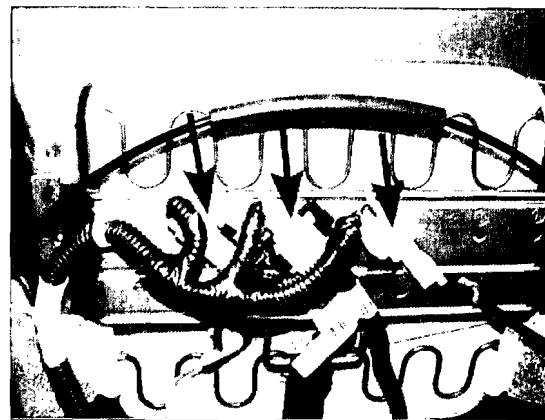
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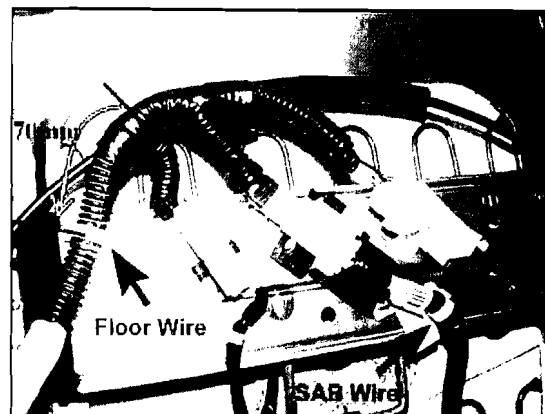
## Front Passenger Seat Procedure:

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.

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**Tightening Torque:**

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

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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.**

Campaign:

**088**

Vehicles:

**2001 and 2002 Elantras that were produced through December 18, 2001.**

Service Description:

**Install a protective cover over the airbag wiring harness connector located under the center console and install a new side impact airbag wiring harness connector mounting clip.**

Reimbursement Period Beginning Date:

**October 10, 2007**

Reimbursement Period Ending Date:

**January 15, 2009**

Reimbursement Conditions:

- Reimbursement is excluded for costs incurred within the period during which Hyundai's original or extended warranty (where Hyundai provided written notice of the terms of the extended warranty to owners) would have provided for a free repair of the condition addressed by the recall, without any payment by the consumer, unless a franchised dealer or authorized representative of Hyundai denied warranty coverage or the repair made under warranty did not remedy the problem addressed by the recall.
- Reimbursement is excluded if the pre-notification remedy was not of the same type (repair or replacement of the airbag control module or airbag wiring harness connection to the airbag control module as a result of liquid spillage or repair or replacement of the under-seat mounted driver or passenger side impact airbag wiring harness connector) as the recall remedy.
- Reimbursement is excluded if the pre-notification remedy did not address airbag warning light illumination as a result of liquid spillage onto the airbag control module and airbag wiring harness connection to the control module or airbag warning light illumination related to the under-seat wiring harness connector for the driver or passenger side impact airbag.
- Reimbursement is excluded if the pre-notification remedy was not reasonably necessary to correct airbag warning light illumination as a result of liquid spillage onto the airbag control module and airbag wiring harness connection to the control module or airbag warning light illumination related to the under-seat wiring harness connector for the driver or passenger side impact airbag.
- It is not required that the pre-notification remedy be identical to the remedy elected by Hyundai as described in this Part 573 notice to NHTSA.

- Reimbursement is excluded if the claimant does not submit adequate documentation to Hyundai at an address or location designated pursuant to § 573.13(f). The plan requires that the following documentation be submitted:

Required Documentation:

- Name and mailing address of the claimant;
 

*(Hyundai also requests that claimants provide telephone numbers at their option.)*
- Identification of the product that was recalled:
 

Make, model, model year, vehicle identification number, and a copy of the current vehicle registration
- Identification of the recall **(088)**;
- Identification of the owner or purchaser of the recalled motor vehicle at the time that the pre-notification remedy was obtained;
- A receipt for the pre-notification remedy, which may be an original or copy:
 

(A) If the reimbursement sought is **for a repair**, Hyundai requires that the receipt indicate that the repair addressed airbag warning light illumination as a result of liquid spillage onto the airbag control module and airbag wiring harness connection to the control module **or** airbag warning light illumination related to the under-seat wiring harness connector for the driver or passenger side impact airbag, and state the total amount paid for the repair of that condition. Itemization of a receipt of the amount for parts, labor, other costs and taxes, may not be required unless it is unclear on the face of the receipt that the repair for which reimbursement is sought addressed only the pre-notification remedy relating to the airbag warning light illumination as a result of liquid spillage onto the airbag control module and airbag wiring harness connection to the control module **or** airbag warning light illumination related to the under-seat wiring harness connector for the driver or passenger side impact airbag.

(B) If the reimbursement sought is **for the replacement of a vehicle part**, Hyundai requires that the receipt identify the item and state the total amount paid to replace the airbag control module, airbag wiring harness, side impact airbags, side impact airbag wiring harnesses, or side impact airbag wiring harness connector clips.

*(Hyundai also requests that the name, address and telephone number of the repair facility or seller of the replacement airbag control module, airbag wiring harness, side impact airbags, side impact airbag wiring harnesses, or side impact airbag wiring harness connector clips be provided on the receipt, and that the receipt be marked "Paid in Full" or that a cancelled check or credit card receipt be provided.)*
- If the pre-notification remedy was obtained at a time when the vehicle or equipment could have been repaired or replaced at no charge under a Hyundai original or extended warranty program, documentation indicating that Hyundai's dealer or authorized facility either

refused to remedy the problem addressed by the recall under the warranty or that the warranty repair did not correct the problem addressed by the recall.

Amount of Costs to Be Reimbursed:

The amount of reimbursement shall not be less than the lesser of:

- (A) The amount paid by the owner for the remedy, or
- (B) The cost of parts for the remedy, plus associated labor at local labor rates, miscellaneous fees such as disposal of waste, and taxes. Costs for parts may be limited to Hyundai's list retail price for authorized parts.

Any associated costs, including, but not limited to, taxes or disposal of wastes, may not be limited.

Address and Authorized Facility for Reimbursement Claim Submittal:

ATTN: Consumer Affairs Department **(088)**  
Hyundai Motor America  
PO Box 20850  
Fountain Valley, CA 92728-0850

Hyundai Response to Request for Reimbursement:

(1) Hyundai shall act upon a claim for reimbursement within 60 days of its receipt. If Hyundai denies the claim, Hyundai must send a notice to the claimant within 60 days of receipt of the claim that includes a clear, concise statement of the reasons for the denial.

(2) If a claim for reimbursement is incomplete when originally submitted, Hyundai shall advise the claimant within 60 days of receipt of the claim of the documentation that is needed and offer an opportunity to resubmit the claim with complete documentation.

Reimbursement Form:

Reimbursement shall be in the form of a check.

Reimbursement Plan Availability to the Public:

This reimbursement plan is available to the public upon request.