



September 11, 2008

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

RE: NHTSA Recall 08V-429, Hyundai Recall 086

Dear Mr. Smith:

Hyundai Motor Company previously submitted a Defect Information Report to NHTSA regarding a recall campaign of approximately 65,000 model year 2008 Hyundai Elantra vehicles produced November 5, 2007 through June 28, 2008 (NHTSA Recall Number 08V-429) pursuant to Part 573 of Title 49 of the Code of Federal Regulations. The vehicle quantity affected by this recall campaign has been revised to 64,154 vehicles. Owner notification will be conducted in three mailings beginning on September 15, 2008.

Enclosed for NHTSA's files are final copies of the Technical Service Bulletin, owner notification letter 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
www.hatci.com

HATCI is an authorized representative of both Hyundai Motor Company and Kia Motors Corporation; which are separate and distinct automotive manufacturers.



HYUNDAI Technical Service Bulletin

Group	CAMPAIGN
Number	08-01-011-1
Date	SEPTEMBER, 2008
Model	2008 ELANTRA

Subject
**FUEL PUMP SUBASSEMBLY REPLACEMENT
 (CAMPAIGN 086)**

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

This bulletin supersedes TSB 08-01-011 to revise the service procedure and to update as Campaign 086 with the corresponding labor operation code. Service Campaign T57 will be deactivated for Repair Orders dated September 8, 2008 and later. Please use procedure for Campaign 086.

IMPORTANT: DEALERS MUST PERFORM THIS CAMPAIGN ON ALL AFFECTED VEHICLES PRIOR TO CUSTOMER RETAIL DELIVERY AND 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 DCS ON-LINE/WEBDCS TO IDENTIFY OPEN CAMPAIGNS.

DESCRIPTION:

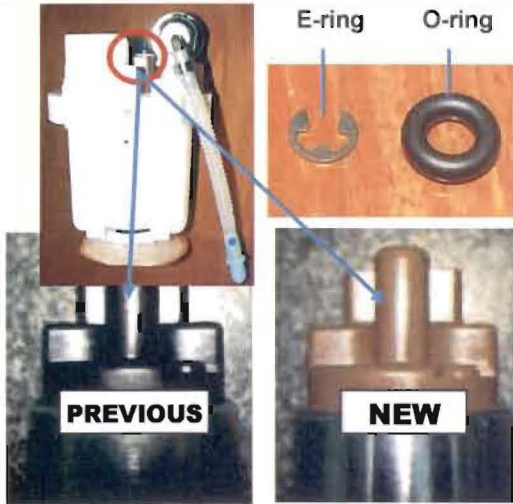
On some Elantra vehicles, the fuel pump may not operate properly.

To correct this condition, follow the repair procedure outlined in this bulletin to replace the fuel pump subassembly with a new service part.

APPLICABLE VEHICLE:

Elantra vehicles produced from November 5, 2007 through June 28, 2008

PARTS REQUIRED:

PART NAME	PART NUMBER
<p>FUEL PUMP SUBASSEMBLY (Includes E-ring and O-ring)</p>	<p>31110-2H005 QQH</p>  <p>The diagram illustrates the fuel pump subassembly. A top view shows the white plastic upper body with a red circle around the connector area. Below it, two images compare the 'PREVIOUS' black connector and the 'NEW' brown connector. To the right, two separate images show the 'E-ring' and 'O-ring' components with blue arrows pointing to their respective locations on the pump assembly.</p>
<p>NOTE</p>	<p>The color of the new fuel pump upper body connector change: BLACK → BROWN</p>

SERVICE PROCEDURE:

NOTE: Prior to performing the following procedure, prevent unnecessary soiling of the vehicle interior by ensuring that all tools, materials, and hands are clean of any dirt or oil.

1. Record radio preset settings. (The battery will be disconnected later.)
2. Slide and tilt both front seats forward to provide more working space at the rear passenger seat area.



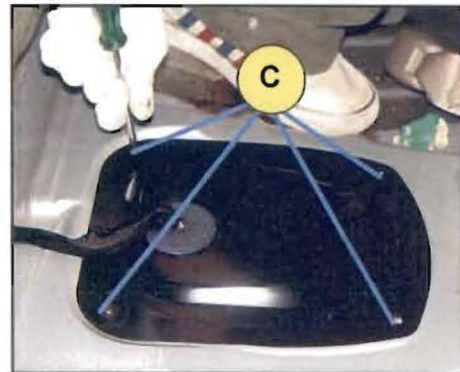
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3. Remove the two 12mm rear seat cushion mounting bolts (A) and then remove the rear seat cushion assembly (B).

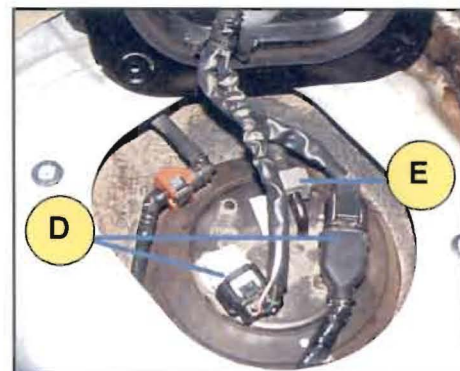


4. Unfasten the 4 fuel pump service cover mounting screws (C).

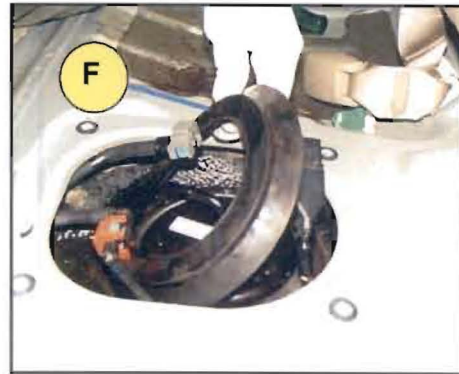


5. Disconnect the fuel pump wiring connector (D).
6. Start the engine and wait until fuel in the fuel line is exhausted.
7. After the engine stalls, turn the ignition to OFF position and disconnect the negative (-) terminal from the battery.
8. Disconnect the fuel hose quick connector (E).

NOTE: Be sure to reduce the fuel pressure before disconnecting the fuel feed hose, otherwise fuel will spill out. Some fuel may still remain in the fuel line, so cover that area with a shop towel while separating the fuel hose quick connector (E).

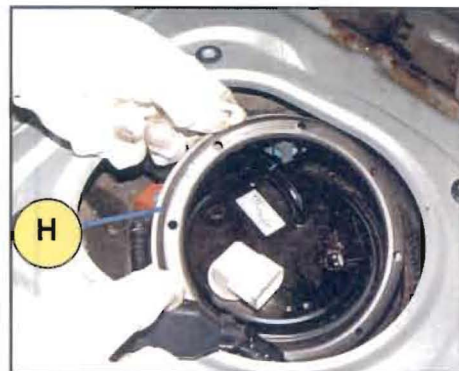
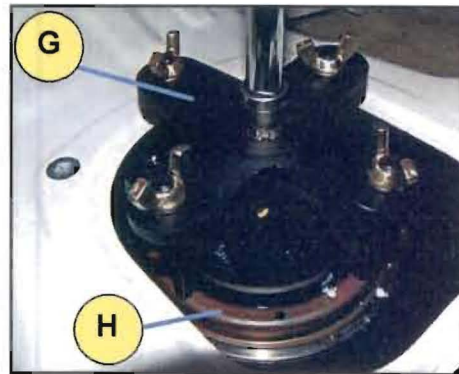


9. Remove the rubber cover (F).



10. Using SST (G), unscrew the fuel pump plate cover (H) and remove the fuel pump plate cover.

NOTE: SST # J-48889 (P/N 09310-2B200)



11. Remove the fuel pump assembly from the fuel tank.

NOTE: Allow some of the contained fuel within the fuel pump complete assembly to drain back into the tank by tilting it above the access opening for several seconds as shown. Before lifting away completely, take precaution so that the fuel sender float arm does not interfere with the fuel tank opening.





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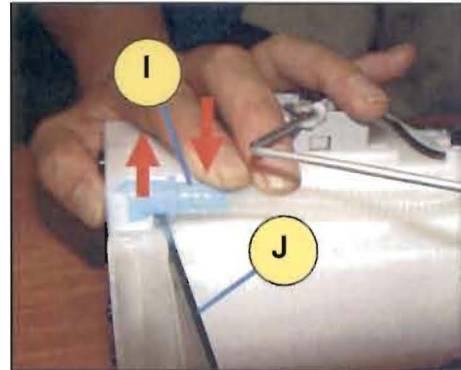
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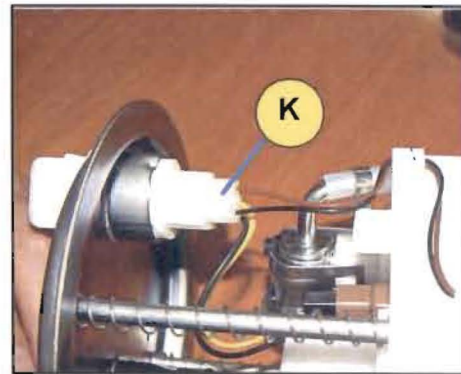
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12. With the fuel pump assembly placed on a workbench, undo the hook by pressing the return hose (I) and remove the return hose by prying up with a flat head screwdriver (J).

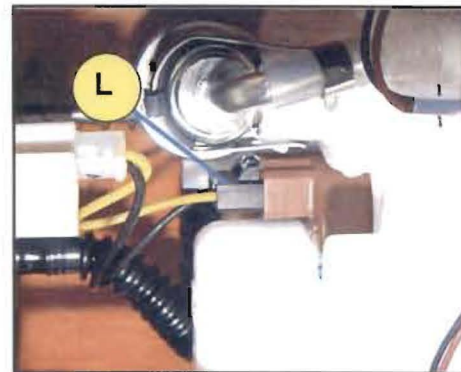


13. Disconnect the fuel sender wiring connector (K).

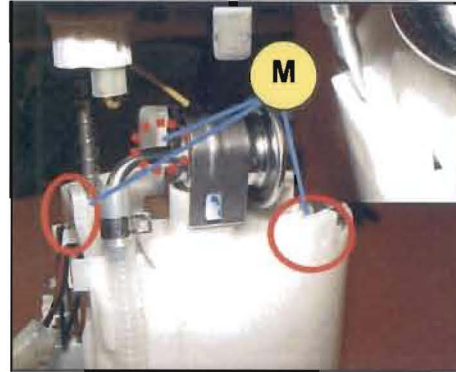
NOTE: Pull on the inside connector while the lock tab is slightly released with a small flat screwdriver. Do not pull on the wire.



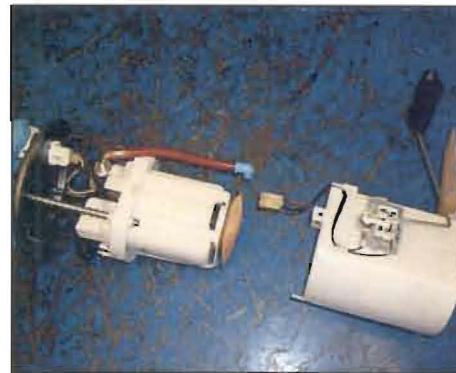
14. Disconnect the fuel pump wiring connector (L) from the fuel pump upper body.



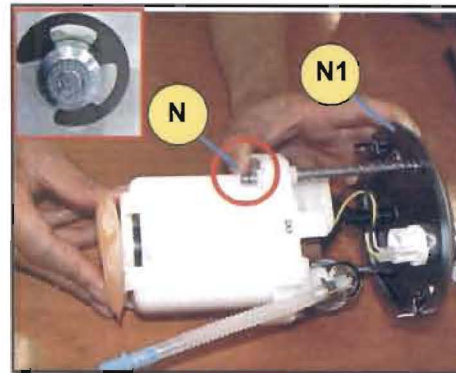
15. Release the 3 lock tabs (M) of fuel pump lower reservoir by using a flat head screwdriver.



16. Separate the lower reservoir from the fuel pump assembly



17. Remove the E-ring (N), and then remove the fuel pump plate (N1) from the fuel pump subassembly.





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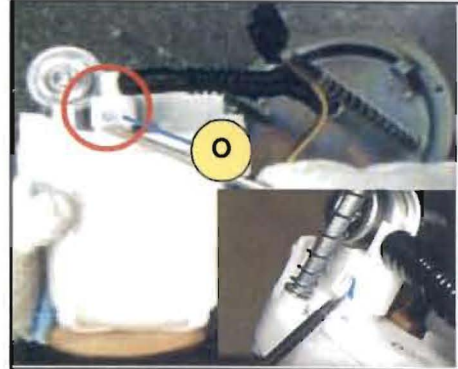
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18. Release the 3 lock tabs of the output hose coupling (O) by using a flat head screwdriver and disconnect from the fuel pump.



19. Remove the O-ring from the output hose coupling and install the new supplied O-ring.



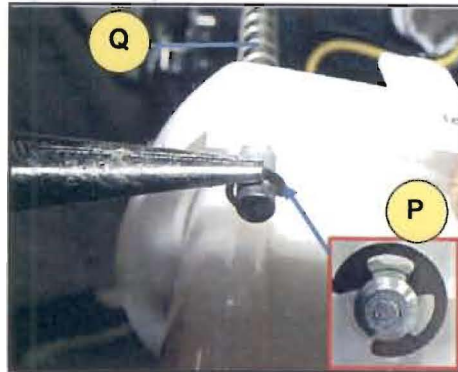
20. Install the output hose coupling and the fuel pump plate to the new fuel pump subassembly.

NOTE: Firmly attach the output hose coupling to the fuel filter body and check that all 3 lock tabs are secure.



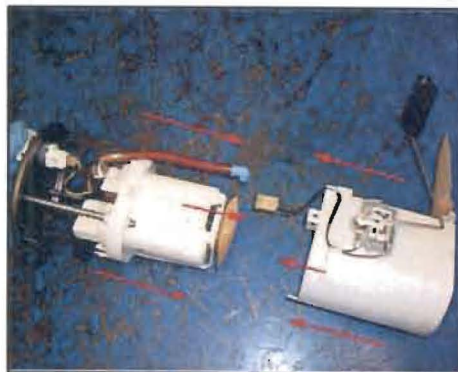
21. Reinstall the E-ring (P) to the fuel pump plate stay (Q) as shown.

NOTE: Parts Kit includes a spare E-ring, but only one E-ring needs to be installed.



22. Reattach the lower reservoir to the installed new subassembly.

NOTE: Be sure that the 3 lock tabs of lower reservoir are firmly secured to the fuel pump subassembly.





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23. Attach the return hose to the bottom of the lower reservoir.

NOTE: The blue elbow fitting must “click” into the retainer of the lower reservoir.



24. Reconnect the fuel sender wiring connector.

NOTE: Push in the connector fully until it “clicks” into the lock tab.



25. Reconnect the fuel pump wiring connector to the fuel pump upper body.

NOTE: Push in the connector fully until it “clicks” into the lock tab.



26. Carefully insert the reworked fuel pump complete assembly into the fuel tank access opening.

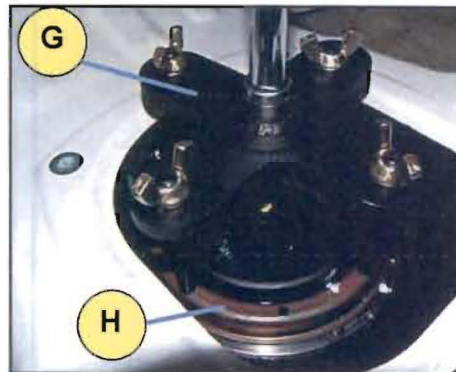
NOTE: Tilt down the assembly so that the end of the float arm and inlet screen can first clear the opening during installation.



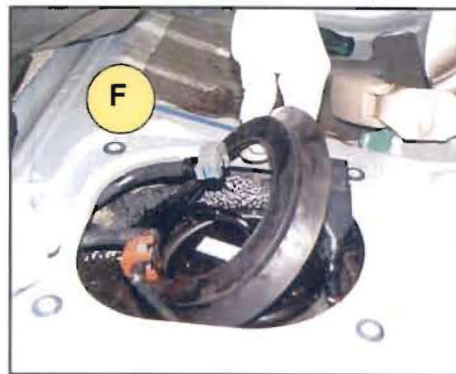
NOTE: Provide clearance between the fuel tank opening and the return hose to prevent damage during installation.



27. Reinstall the fuel pump plate cover (H) and tighten it down fully using the SSTJ-48889 (G).



28. Reinstall the rubber cover (F).



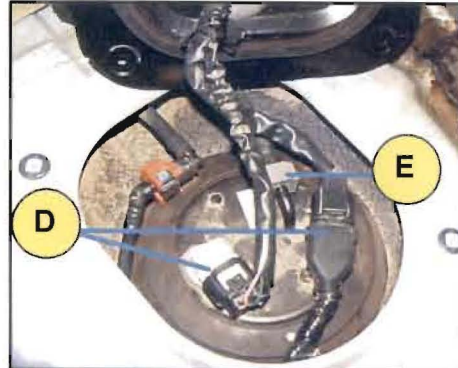


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29. Reconnect the fuel pump wiring connector (D) and the fuel hose quick connector (E)

NOTE: Push in all the connectors fully until it "clicks" into the lock tab.



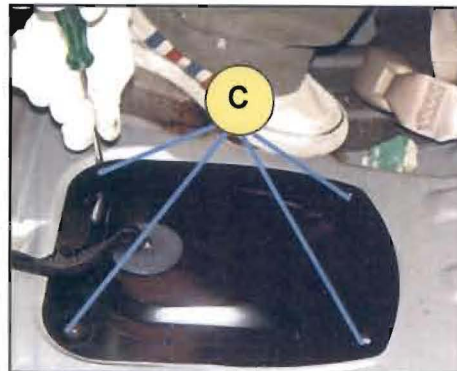
NOTE: Once fully reconnected, be sure to slide the collars of the quick connectors to the lock position.



NOTE: The rear connector body must be attached to the holding bracket tab of the fuel pump top plate.



30. Reconnect the negative (-) terminal of the battery.
31. Cycle the ignition from OFF to ON (with several seconds in between) 2 or 3 times to prime the fuel pump.
32. Briefly start the engine to check for any leaks.
33. Reattach the fuel pump service cover (C) with the 4 mounting screws.



34. With clean hands and tools, reinstall the rear seat cushion assembly (B) and mounting bolts (A).



35. Reprogram radio presets and set clock.
36. Verify repair.



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CAMPAIGN CLAIM INFORMATION:

OP CODE	OPERATION	OP TIME
81B028R1	FUEL PUMP SUB ASSEMBLY REPLACEMENT	0.5 M/H

NOTES:

1. Submit claim using the campaign claim screen
2. Old Fuel Pump Sub Assemblies may be discarded once the Campaign Claim has been submitted by dealer and approved by Hyundai Motor America.
3. Service Campaign T57 has been deactivated effective for Repair Orders dated September 8, 2008 and later.

MOTOR VEHICLE RECALL

Dear 2008 Elantra Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Hyundai has decided that a defect, which relates to motor vehicle safety, exists in certain model year 2008 Hyundai Elantra vehicles that were produced during the period beginning November 5, 2007 through June 28, 2008.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

What is the problem?

- The fuel pump motor may not have the proper, uniform internal electrical surface contact. This may cause the fuel pump to produce less pumping pressure than required to supply the fuel injection system. Poor engine starting and hesitation may result. Other engine performance issues may also result and may lead to a crash.

What will Hyundai do?

- To ensure that your vehicle's fuel pump operates properly, we are asking you to schedule an appointment as soon as possible to take your vehicle to your Hyundai dealer. The Hyundai dealer will replace your vehicle's fuel pump subassembly. This procedure will be performed at no charge to you. You should plan to leave your vehicle at your Hyundai dealer to have this service performed. Repair times will vary and depend on your dealer's appointment schedule.

What should you do?

- We urge you to call your Hyundai dealer to schedule an appointment to have this work performed as soon as possible.

What if you have other questions?

- If you have any difficulty having this repair performed, we recommend that you call the Hyundai Customer Assistance Center at 1-800-633-5151. If you are still not satisfied that we have remedied this situation without charge, and within a reasonable amount of time, you may wish to write to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, D.C. 20590, or call their toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153), or go to <http://www.safercar.gov>.

We urge your prompt attention to this important safety matter.

Hyundai Motor America

September 8, 2008

**TO: ALL HYUNDAI DEALER PRINCIPALS/GENERAL MANAGERS:
ALL HYUNDAI DEALERSHIP SERVICE MANAGERS:
ALL HYUNDAI DEALERSHIP PARTS MANAGERS:
ALL HYUNDAI DEALERSHIP SALES MANAGERS:**

**SUBJECT: Campaign 086 - 2008 Elantra (HD) - Fuel Pump Sub-Assembly
Replacement - TSB #08-01-011-1**

Hyundai Motor America is conducting a Customer Notification for replacement of the Fuel Pump Sub-Assembly campaign on selected 2008 Model Year Elantras. This Customer Notification replaces previously announced Service Campaign T57 (TSB# 08-01-011).

This campaign provides a procedure for replacement of the fuel pump assembly.

In order to identify only those vehicles affected by Campaign 086, it will be necessary to access Hyundai Motor America's "Warranty Vehicle Information" screen via DCS On-line or WEBDCS before starting the repair. The "Warranty Vehicle Information" screen will identify affected vehicles with an open Campaign 086. All in-stock vehicles, if any, must have Campaign 086 completed prior to retailing.

Enclosed with the Service Manager's letter are materials, which were developed for your use: Dealer Letter, five (5) copies of the Technical Service Bulletin (TSB#08-01-011-1) containing instructions on performing the service and submitting the campaign claim, and a VIN listing of your dealer stock vehicles only. TSB #08-01-011-1 will be available on Hyundai's Website on September 8, 2008.

All Hyundai dealers were previously shipped updated parts (Fuel Pump Assemblies) for 100% of their in-stock vehicles starting the week of August 18, 2008 as part of Service Campaign T57. Additional fuel pump assemblies can be ordered from your facing PDC.

Customer notification letters will be mailed in three weekly flights starting September 15, 2008.

It is IMPORTANT TO SUBMIT A CAMPAIGN CLAIM FOR EACH VEHICLE SERVICED so your dealership can be compensated for your work and Hyundai can maintain accurate records of campaign completions. **Repair Orders dated August 18, 2008 through September 7, 2008 should follow procedures as outlined in TSB# 08-01-011. Repair Orders dated September 8, 2008 and later should follow procedures outlined in TSB# 08-01-011-1.**

LEGAL LIABILITY NOTICE: You are required to keep confidential any and all information and documents provided to you by Hyundai Motor America in the conduct of carrying out work for this service campaign. Hyundai Motor America dealers may use owner information provided for the campaign only for the purpose of conducting and performing this service campaign, and for no other purpose.

Hyundai appreciates your cooperation and support. Questions may be directed to your District Parts and Service Manager or Warranty HELPREP line at 1-877-446-2922.

HYUNDAI MOTOR AMERICA