



**HYUNDAI DE PUERTO RICO
C/O MMSC**

Road 2 Km. 20.1 Candelaria Ward, Toa Baja, PR 00949
P.O. Box 192216, San Juan, PR 00919-2216
Tel. (787) 999-4310 Fax (787) 251-3024 / 8700
www.hyundaipr.com



Monday, April 27, 2009

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

Dear Mr Smith:

Enclosed will find the modified Defect Information Report (hereafter DIR) for Hyundai 's Model/Year 2008 Elantra related to the Fuel Pump Sub Assembly Safety Recall. In the first page of the will find the trouble part (fuel pump) manufacturer and contact as requested in the acknowledge letter copy (included as reference). Both the manufacturer and contact have been marked with an arrow head to indicate the added information.

We also included a copy of the Customer Notification Letter and Bulletin as requested in the acknowledge letter. The first Quarter Report has been sent to the attention of Ms. Kathleen DeMeter.

Any additional information needed, please contact us at 1-787-251-8715, ext. 2248.

Sincerely,

Jorge A Viera Tirado, MMSC, Service Eng.
José Carrera, HDPR Service Eng.

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Tuesday, April 21, 2009.

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

RE: Defect Information Report

Dear Mr. Smith:

In pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Hyundai de Puerto Rico, Inc. (HPR) hereby submits information concerning a recall that is being voluntarily initiated. Specific information as required by Section 573.6 is as follows:

573.6(c)(1)

Manufacturer -Hyundai Motor Company

Distributor -Hyundai de Puerto Rico

573.6(c)(2)

(i) Certain model year 2008 Hyundai Elantra vehicles with 2.0 liter Beta engines produced beginning November 5, 2007 through June 28, 2008 and equipped with fuel pumps manufactured with upper body components from a different supplier than those manufactured prior to November 5, 2007.

- ▶ (iv) **Corporate name and address:**
HYUNDAM Ind. Co., LTD
343-21 Yeok - Ri, Youngin - Myun, Asan - City
Chung Cheong Nam - Do, Korea
Tel: +82 - 41 - 539 - 7321 FAX : +82 - 41 - 539 - 7290
- ▶ **Name and title of knowledgeable representative:**
Mr. Tae - Jae Kim, Director, R&D
Tel: +82 - 41 - 539 - 7321

573.6(c)(3)

Approximately 347 Model/Year 2008 Hyundai Elantra vehicles with 2.0 liter Beta engines produced beginning November 5, 2007 through June 28, 2008 and equipped with fuel pumps manufactured with upper body components from a different supplier than those manufactured prior to November 5, 2007.

573.6(c)(4)

All of the vehicles identified above in 573.6(c)(2) are potentially affected.

573.6(c)(5)

On November 5, 2007, Hyundai began to equip 2008 model year Elantra production with fuel pumps made by Hyundam with upper body components manufactured by a different supplier than those manufactured prior to November 5, 2007.

The new supplier's upper body components had incorrect dimensional characteristics. The incorrect dimensional characteristics of the upper body resulted in misalignment of the armature shaft, which caused some of the fuel pumps to experience poor brush-to-commutator contact conditions.

The use of ethanol blend fuel, containing up to 10 percent ethanol, causes a film build-up that creates a high resistance between the brush and commutator. The misaligned armature shaft prevents the brush and commutator from making sufficient contact to overcome the high resistance film build-up between the brush and the commutator. As a result, the fuel pump may produce less pumping pressure than required to supply the fuel injection system. Poor engine starting and hesitation may result from this fuel pump condition. Other engine performance issues may also result and may lead to a crash.

Warranty trends did not showed high tendencies of fuel pump subassembly replacements for Elantra vehicles with 2.0 liter Beta engines produced beginning November 5, 2007 through June 28, 2008.

573.6(c)(6)

On June 28, 2008, Hyundai Motor Company changed the fuel pumps installed during production from the pumps manufactured with the new supplier's upper body components to pumps manufactured with the original supplier's upper body components, which have correct dimensional characteristics. Similar fuel pumps manufactured with the original supplier's upper body components had been installed in 2007 and 2008 Elantra's prior to the change to the upper body supplier and did not experience the poor brush and commutator contact condition or adverse operation as a result of the ethanol content of fuels.

These upper body component changes, the unreliable fuel pressure delivery with the different supplier's upper body, and the increasing number of warranty claims generated by fuel pump replacements in the field led Hyundai to determine that a safety related defect exists in the Hyundam fuel pumps manufactured with the new supplier's upper body components. Hyundai de Puerto Rico is not aware of any injuries related to the fuel pump installed in vehicles identified above in 573.6(c)(2).

573.6(c)(7)

Not applicable.

573.6(c)(8)

Hyundai de Puerto Rico will notify all owners of 2008 Hyundai Elantra vehicles produced beginning November 5, 2007 through June 28, 2008 to return their vehicles to their Hyundai dealer to have the fuel pump subassembly that contains a fuel pump manufactured with the new supplier's upper body replaced with one containing a fuel pump manufactured with the original supplier's upper body.

Hyundai anticipates that owners will be notified in one mailing during February 2009, after a sufficient quantity of replacement fuel pump subassemblies have become available to allow notifications to begin.

Repair or other service to the fuel pump of all vehicles affected by this recall would have been covered for 5 years or 60,000 miles under Hyundai's new vehicle limited warranty. As no owners of these 2008 model year vehicles would have incurred expenses for this warranted repair as a result of this condition. Hyundai believes that it is not necessary, but will notify customers to contact Hyundai de Puerto Rico for instructions on advice for reimbursement regarding section 577.11.

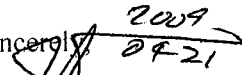
573.6(c)(10)

A draft of the owner notification letter and the technical service (safety recall) bulletin containing the service procedure for replacing the fuel pump sub assembly are included as attachment in this document.

573.6(c)(11)

Hyundai has assigned "Campaign 086" as the designation for this campaign.

If you have question regarding, please contact me at one of the points listed below.

Sincerely,  2009
0421

Jorge Viera Tirado
Service Engineer, HPR
Phone: 787-251-8715 x-2248
Fax: 787-251-3232
Email: jviera@mmsc.com

NOTE: Recommended changes are marked with an arrow head (“▶”) for better viewing.

Attachments (2): Customer Notification Letter,
Technical Service Bulletin

Copy: J. Belk Arce, Legal Counselor - MMSC
J. Rivera, Parts & Service Director - MMSC
R. García, EVP. & COO. - HDPR
J. Carreras, Service Engineer - HDPR



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

December 30, 2008

MR. JORGE A VIERA TIRADO
SERVICE ENGINEER
HYUNDAI DE PUERTO RICO
C/O MMSC
PO BOX 192216
SAN JUAN, PR 00919-2216

NVS-215paw
08V-694

SUBJECT: FUEL PUMP MOTOR

DEAR MR. TIRADO:

This letter serves to acknowledge Hyundai de Puerto Rico's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety defect in the products described below for which a safety recall campaign shall be conducted pursuant to 49 U.S.C. § 30119.

Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:
HYUNDAI/ELANTRA/2008

NHTSA Campaign Number: 08V-694

Mfg's Report Date: December 29, 2008

Components: FUEL SYSTEM, GASOLINE: DELIVERY: FUEL PUMP

Potential Number of Units Affected: 347

Summary:

HYUNDAI DE PUERTO RICO (HPR) IS RECALLING 347 MY 2008 ELANTRA VEHICLES. 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.

Consequence:

AS A RESULT, POOR ENGINE STARTING AND HESITATION MAY RESULT. OTHER ENGINE PERFORMANCE ISSUES MAY ALSO RESULT AND LEAD TO A CRASH.

Remedy:

DEALERS WILL REPLACE THE VEHICLE'S FUEL PUMP SUBASSEMBLY. THE RECALL IS EXPECTED TO BEGIN DURING FEBRUARY 2009. OWNERS MAY CONTACT HPR AT 1-800-981-0188.

Notes:

HPR RECALL NO. 086. CUSTOMERS MAY ALSO CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S VEHICLE SAFETY HOTLINE AT 1-888-327-4236 (TTY 1-800-424-9153), OR GO TO [HTTP://WWW.SAFERCAR.GOV](http://www.safercar.gov).

The information in your defect report appears to satisfy the requirements of 49 CFR 573.6.

We have reviewed your proposed owner notification letter and it meets the requirements of Part 577. However, please revise your owner letters to include the following updated NHTSA hotline information: "...the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>."

Please provide the following additional information and be reminded of the following requirements:

Identify the supplier of the recalled component by corporate name and address. Identify by name and title the chief executive officer or knowledgeable representative of the supplier.

Please provide the following additional information and be reminded of the following requirements:

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on or before 30 days after the close of the calendar quarter.