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February 11, 2009

EPA # 3591

EDIR-VERR Coordinator  
Certification and Compliance Division  
U.S. Environmental Protection Agency  
2000 Traverwood  
Ann Arbor, MI 48105

Reference:  
EDIR Number: 2008.09.08.01

Dear Sir:

Please find attached a Voluntary Emission Recall Report (VERR) for the following 2008 Hyundai Elantra

Model	Model Year	Test Group	Sales
Elantra 2.0 liter	2008	8HYXV02.0HW5 (TIER-2, BIN5)	40,519
		8HYXV02.0HPC (PZEV)	25,095

During production from November 5, 2007 through June 28, 2008, fuel pumps were installed in the Elantra that may contain an incorrectly manufactured component. 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. As a result, the fuel pump may produce less pumping pressure than required to supply the fuel injection system.

This recall was performed as a vehicle safety campaign and was reported to the National Highway Traffic Safety Administration (NHTSA) on September 8, 2008 following procedures specified in 49 CFR Part 573. As the fuel pump could be considered an emissions-related component, Hyundai is also reporting this to your office. Hyundai regrets the delay in this submission.

# Voluntary Emissions Recall Report

EPA # 35917

EPA Reference EDIR: 2008.09.08.01

- (1) A description of each class or category of vehicle or engine recalled including the number of vehicles to be recalled, the model year, the make, the model, and such other information as may be required to identify the vehicles or engines recalled.

Model	Model Year	Test Group	Sales
Elantra 2.0 liter	2008	8HYXV02.0HW5 (TIER-2, BIN5)	40,519
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A total of approximately 65,000 vehicles produced from November 5, 2007 through June 28, 2008 may be potentially affected.

- (2) A description of the specific modifications, alterations, repairs, corrections, adjustments, or other changes to be made to correct the vehicles or engines affected by the emission-related defect.

Hyundai will replace the affected fuel pumps.

- (3) A description of the method by which the manufacturer will determine the names and addresses of vehicle or engine owners and the method by which they will be notified.

The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. Letters will be sent by first class U.S. mail to notify the owners in three mailings in September 2008.

- (4) A description of the proper maintenance or use, if any, upon which the manufacturer conditions eligibility for repair under the remedial plan, an explanation of the manufacturer's reasons for imposing any such condition, and a description of the proof to be required of a vehicle or engine owner to demonstrate compliance with any such condition.

There are no restrictions on eligibility.

- (5) A description of the procedure to be followed by vehicle or engine owners to obtain correction of the nonconformity. This shall include the designation of the date on or after which the owner can have the nonconformity remedied, the time reasonably necessary to perform the labor to remedy the defect, and the designation of facilities at which the defect can be remedied.

The owners will be instructed to contact the dealers immediately to schedule appointments for the modification.

- (6) If some or all of nonconforming vehicles or engines are to be remedied by persons other than dealers or authorized warranty agents of the manufacturer, a description of the class of persons other than dealers and authorized warranty agents of the manufacturer who will remedy the defect.

None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.

- (7) Three copies of the letters of notification to be sent to vehicle or engine owners.

Three copies of the owner notification letter are attached.

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- (8) A description of the system by which the manufacturer will assure that an adequate supply of parts will be available to perform the repair under the remedial plan including the date by which an adequate supply of parts will be available to initiate the repair campaign, the percentage of the total parts requirement of each person who is to perform the repair under the remedial plan to be shipped to initiate the campaign, and the method to be used to assure the supply remains both adequate and responsive to owner demand.

An initial supply of parts necessary to perform this modification will be sent to Hyundai dealers. Hyundai dealers will order additional parts through the Hyundai parts distribution system using normal ordering procedures.

- (9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.

Three copies of the draft Technical Service Bulletin are attached.

- (10) A description of the impact of the proposed changes on fuel consumption, driveability, and safety of each class or category of vehicles or engine to be recalled.

The modification of these vehicles will not affect fuel consumption or driveability, but will correct a potential safety noncompliance of these vehicles.

- (11) A sample of any label to be applied to vehicles or engines which participate in the voluntary recall campaign.

No label will be applied related to this campaign.

# MOTOR VEHICLE RECALL

EPA # 3591

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