



# HYUNDAI Technical Service Bulletin

Group	CAMPAIGN
Number	04-01-005
Date	JUNE, 2004
Model	2002-2003 ELANTRA, 2002-2003 SONATA, 2002-2003 XG350, 2003 TIBURON

**Subject**  
**FUEL TANK ASSEMBLY VALVE INSTALLATION  
CAMPAIGN 066**

**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 INTERACTIVE OR DCS ON-LINE TO IDENTIFY OPEN CAMPAIGNS.**

**DESCRIPTION:**

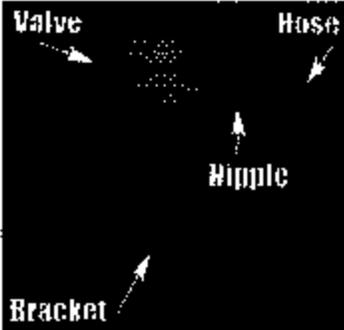
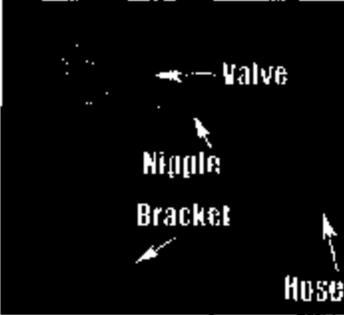
Some of the vehicles affected by this campaign may contain a fuel tank assembly valve that may not close properly. This TSB provides the procedure to remedy this condition by installing an additional fuel tank assembly valve.

**VEHICLES AFFECTED:**

MODEL YEAR	MODEL	AFFECTED VEHICLE PRODUCTION DATE RANGE
2002-2003	Elantra	October 1, 2001 - November 9, 2002
2002-2003	Sonata	October 1, 2001 - November 9, 2002
2002-2003	XG350	October 1, 2001 - November 9, 2002
2003	Tiburon	October 1, 2001 - November 9, 2002

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 OFFICE OF TECHNICAL SERVICES  
 HYUNDAI MOTOR AMERICA

**PARTS INFORMATION:**

<b>PART NAME</b>	<b>PART NUMBER</b>	<b>PHOTO</b>	<b>MODEL</b>
Valve assembly - fuel cut	31190-38810A		Sonata, XG350
	31190-2D810A		Elantra, Tiburon

**SERVICE PROCEDURE:**

**NOTE:** Verify that the vehicle is subject to this campaign by checking the "Warranty Vehicle Information" screen via DCS Interactive or DCS Online.



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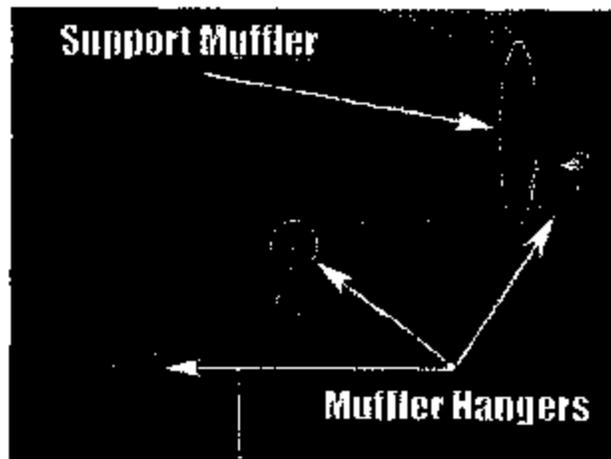
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**For Sonata and XG350 vehicles (Please see pages 8-10 for Elantra and Tiburon vehicles):**

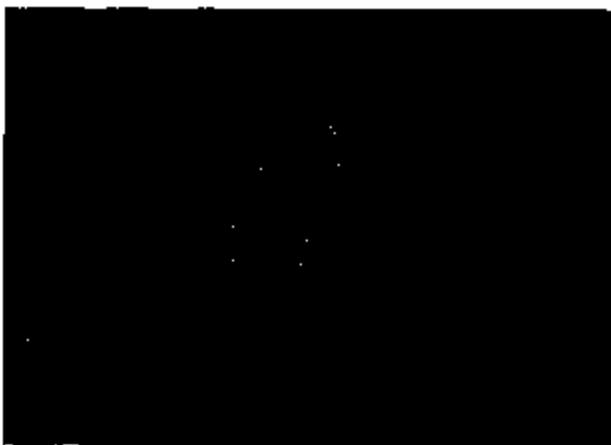
1. Raise the vehicle.
2. Remove the three muffler hangers and support the rear muffler after it has been lowered 6 inches.



**NOTE: Do not allow the muffler to hang unsupported. Do not lower the muffler more than 6 inches.**

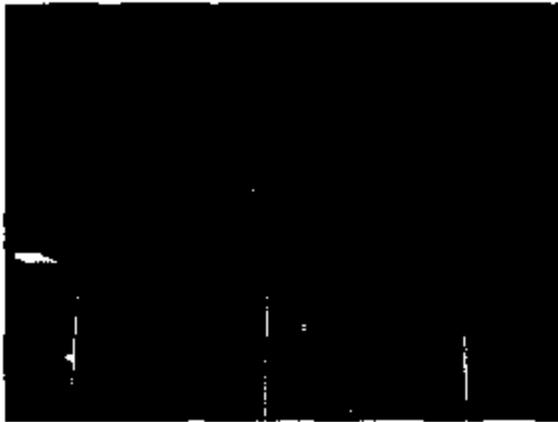


3. Remove the rear suspension crossmember mounting bolts and lower the suspension crossmember.

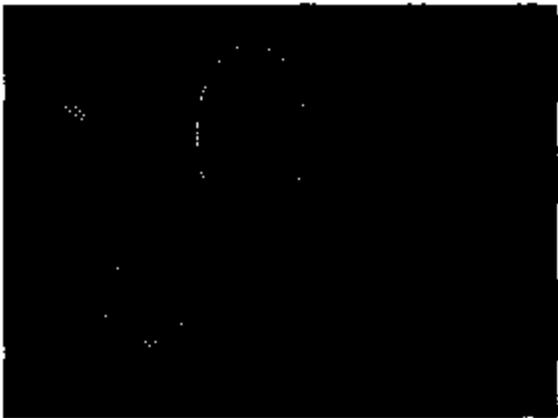




4. Support the fuel tank using a jack stand.



5. Remove the left rear fuel tank band nut and lower the band from the mounting stud.





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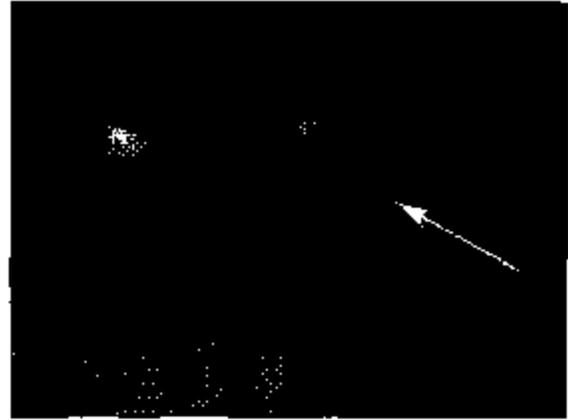
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6. Disconnect the vapor hose from the 'Y' shaped tube.



7. Cut about 4 inches (100mm) from the end of the vapor hose as shown. Discard the 4 inch piece that you have removed.

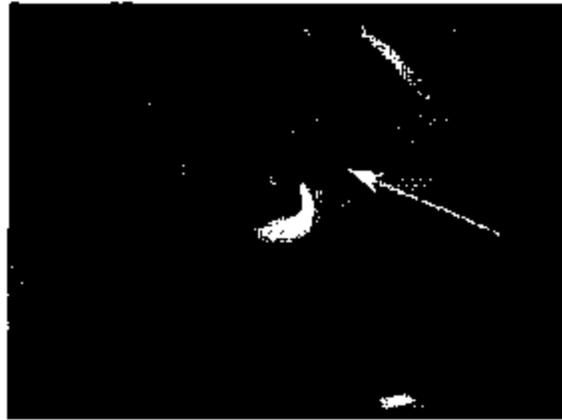


8. Install the new valve bracket mounting hole over the fuel tank band stud and connect the cut end of the vapor hose to the lower nipple of the new valve.

**NOTE:** The valve must be positioned above the mounting bracket, as shown.



9. Connect the upper hose from the new valve to the 'Y' shaped tube where the vapor hose was removed.

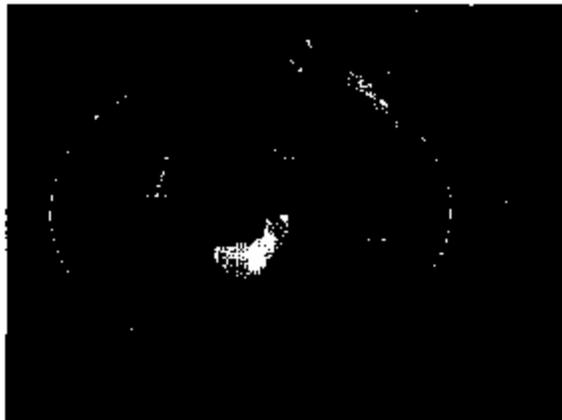


10. Install the fuel tank band over the valve bracket and tighten the nut.

**Torque Specification:**

**Fuel Tank Band Nut**

**(40-50 lb-ft, 54-68 Nm, 550-690 kg-cm)**



11. Support the rear suspension using a crossmember jack. Carefully raise the suspension being sure not to make contact with the fuel tank. Tighten the four suspension mounting bolts after aligning the bolt holes and torque to specification.



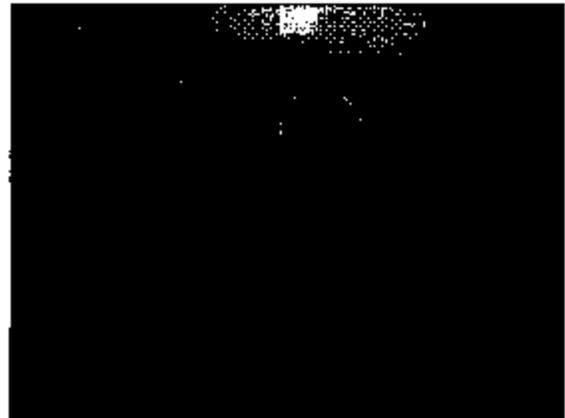
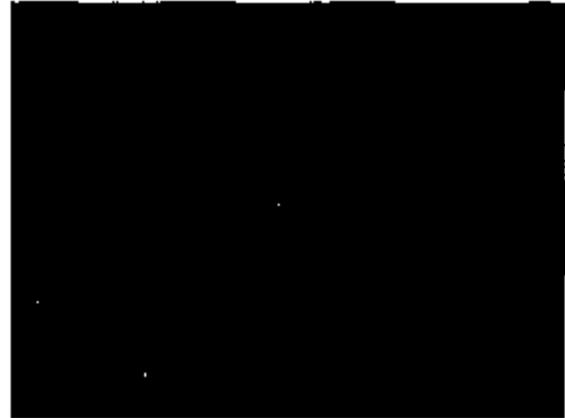


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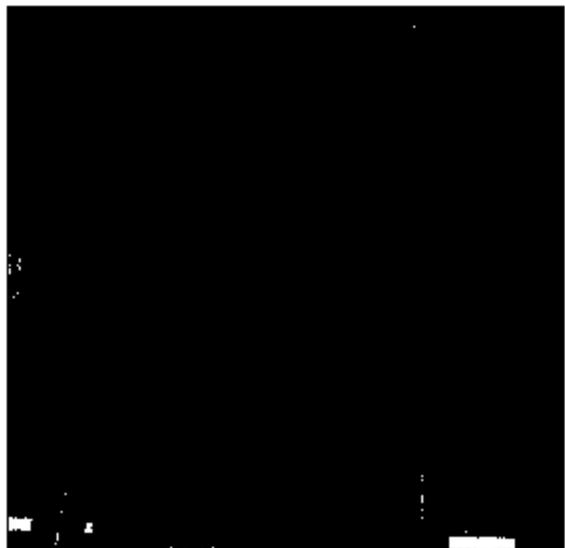
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**Torque Specification:**

**Rear crossmember to body mounting bolt  
(74-88 lb-ft, 100-120Nm, 1000-1200kg-cm)**

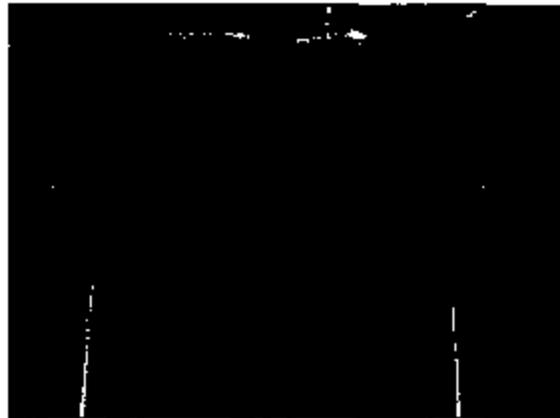


- 12. Reinstall the rear muffler.
- 13. Lower vehicle.



**For Elantra and Tiburon vehicles (Please see pages 3 - 7 for Sonata and XG350 vehicles):**

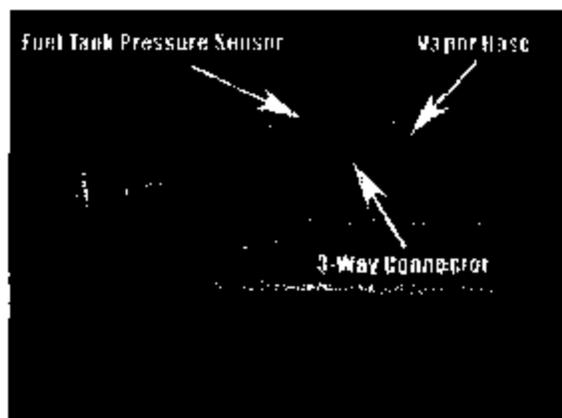
**1. Raise the vehicle.**



**2. Support the fuel tank using a jack stand and remove the rear fuel tank band nuts and lower the bands from the mounting studs. Using the jack, lower the fuel tank about 4 inches (100 mm) to obtain working space.**



**3. Disconnect the vapor hose in between the valve and the 3 way connector.**





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4. Remove the fuel tank pressure sensor mounting bracket bolt.



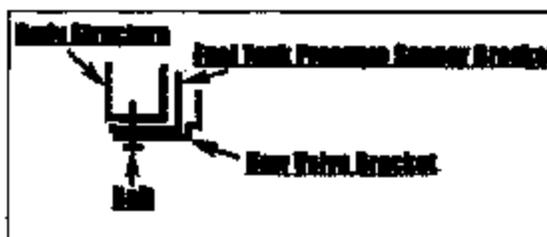
5. Install the vapor hose disconnected in step 3 to the lower nipple of the new valve.



6. Connect the upper hose from the new valve to the 3 way connector.



7. Install the fuel tank pressure sensor bracket to the body structure with the new valve bracket below it and tighten the bolt.

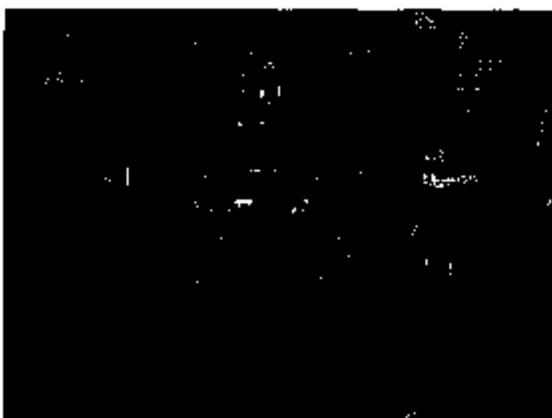


8. Raise the fuel tank and install the fuel tank bands and nuts.

**Torque Specification:**

**Fuel Tank Band Nut**

(40-50 lb-ft, 54-68 Nm, 530-690 kg-cm)



9. Lower the vehicle.

**CAMPAIGN CLAIM INFORMATION:**

MODEL	OP CODE	OPERATION	OP TIME
Sonata	41B006R0	Fuel Cut Valve Installation	0.5 M/H
XG350			
Elantra	41B006R1		0.4 M/H
Tiburon			

**NOTE: Submit claims using the Campaign Claim Screen.**

June 28, 2004

**TO: ALL HYUNDAI DEALER PRINCIPALS:  
ALL HYUNDAI DEALERSHIP SERVICE MANAGERS:  
ALL HYUNDAI DEALERSHIP PARTS MANAGERS:**

**Subject: Recall Campaign 066 – Fuel Tank Assembly Valve Installation**

Hyundai Motor America is conducting a Recall Campaign on certain 2002 and 2003 Elantra, Sonata, XG350, and Tiburon models, produced beginning October 1, 2001 through November 9, 2002, in order to install a fuel tank assembly valve.

Some of the vehicles affected by this campaign may contain a fuel tank assembly valve that may not close properly. Campaign 066 provides a procedure to remedy this condition by installing an additional fuel tank assembly valve.

In order to identify only those vehicles affected by Recall Campaign 066, it will be necessary to access Hyundai Motor America's "Warranty Vehicle Information" screen via DCS Interactive or DCS On-line before a repair is started. The "Warranty Vehicle Information" screen will identify affected vehicles with an open Campaign 066.

Technical Service Bulletin (TSB) #04-01-005 will be available on Hyundai's Website, [www.hmaservice.com](http://www.hmaservice.com), June 28, 2004. The TSB will provide the installation procedure. In addition, the TSB will provide the claim submission procedure for dealer reimbursement. Installation time for the fuel tank assembly valve will vary depending upon the model.

**PLEASE NOTE:** Starting the week of June 28, 2004, all dealers will automatically be shipped an initial supply of the Fuel Tank Assembly Valves in their weekly parts shipment. **It is not necessary for dealerships to place an initial order.** When your dealership needs additional parts, they may be ordered through the regular parts system.

Enclosed with the Service Manager's letter will be five (5) Technical Service Bulletins, a copy of the Customer Notification Letter, and a VIN listing of any dealer in-stock vehicles and retail customers affected by this campaign.

On June 30, 2004, ten weekly mailings of customer notification letters will begin.

It is **IMPORTANT TO SUBMIT A CAMPAIGN CLAIM FOR EACH VEHICLE REPAIRED** so your dealership can be compensated for your work and so Hyundai can maintain accurate records of campaign completions.

**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 campaign. Hyundai Motor America dealers may use such owner information for the sole purpose of conducting and performing this recall campaign, and for no other purpose.

If you have any questions, please contact your District Parts and Service Manager.

**HYUNDAI MOTOR AMERICA**

//ALL HMA8ST3T 06/25/04 06/28/04 06/29/04  
TO: All Hyundai Dealership Service and Parts Managers  
FROM: Hyundai Motor America  
SUBJECT: Recall Campaign 066 - Fuel Tank Assembly Valve  
Installation

Hyundai Motor America is conducting a Recall Campaign on certain 2002 and 2003 Elantra, Sonata, XG350, and Tiburon models, produced beginning October 1, 2001 through November 9, 2002, in order to install a fuel tank assembly valve.

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On June 28, 2004, a letter will be sent to all Dealer Principals, Dealership Service Managers and Dealership Parts Managers. Enclosed with the Service Manager's letter will be five (5) Technical Service Bulletins, a copy of the Customer Notification Letter, and a VIN listing of vehicles affected by this campaign.

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## **MOTOR VEHICLE RECALL**

Dear Hyundai Owner:

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

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

Hyundai has decided that certain 2002 and 2003 model year Elantra, Sonata, Tiburon, and XG 350 vehicles, produced beginning October 1, 2001 through November 9, 2002, fail to conform to the requirements of Federal Motor Vehicle Safety Standard 301, Fuel System Integrity.

### **What is the problem?**

- A valve on the fuel tank assembly may not close properly. If a vehicle rolls over and the fuel tank assembly valve is not properly closed, fuel spillage may occur. Fuel spillage in the presence of an ignition source may result in a fire.

### **What will Hyundai do?**

- To ensure that your vehicle's fuel tank assembly valve will operate 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 install an additional fuel tank assembly valve. 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, 400 Seventh Street, S. W., Washington, D.C. 20590 or call their toll-free Auto Safety Hotline at 1-888-327-4236.

We urge your prompt attention to this important safety matter.

Hyundai Motor America