



HYUNDAI · KIA MOTORS

August 25, 2006

Mr. Daniel Smith
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

06V-317
(17 pages)
2006 AUG 31 P 1:38
RECEIVED

RE: Defect Information Report

Dear Mr. Smith:

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Hyundai Motor Company is submitting 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 Manufacturing Alabama
Distributor - Hyundai Motor America

573.6(c)(2)

Certain model year 2007 Hyundai Santa Fe vehicles produced beginning on July 28, 2006 through August 15, 2006.

573.6(c)(3)

139 model year 2007 Hyundai Santa Fe vehicles produced beginning July 28, 2006 through August 15, 2006.

573.6(c)(4)

All of the vehicles described in 573.6(c)(3) will be inspected. Hyundai has not determined what percentage of those vehicles is potentially affected.

HYUNDAI · KIA MOTORS
Hyundai-Kia America Technical Center Inc.
6800 Geddes Road, Superior Township, MI 48198
TEL : 734-337-9499 FAX : 734-337-3168
www.hatci.com



573.6(c)(5)

The wall thickness of the right forward baffle of the fuel tank of some of the vehicles identified in 573.6(c)(3) may be below the specification.

573.6(c)(6)

In August, 2006, a production operator at the fuel tank supplier noticed a below-specification wall thickness condition and the supplier began an investigation into this matter. The below-specification wall thickness condition was determined to have resulted from not cleaning the molding equipment after several unexpected shut downs during July 28 and July 29, 2006 fuel tank production. The supplier notified Hyundai of this condition and Hyundai has determined that the vehicles identified in 573.6(c)(3) potentially contain fuel tanks with the below-specification wall thickness condition.

The supplier has implemented inspection and cleaning procedures, including mandatory cleaning after extruder shut down to prevent this condition from occurring in the future.

Hyundai Motor Company provided notice to the United States distributor of Hyundai automobiles that it intends to conduct a recall to resolve this matter. Hyundai is not aware of any accidents or injuries related to this condition.

573.6(c)(8)

All vehicles identified in 573.6(c)(3) above that have not been inspected are located at dealers or are in transit to dealers and are not in the possession of customers.

Dealers were first instructed on August 17, 2006 by telephone and by electronic communication to not deliver any vehicles identified in 573.6(c)(3) above until the fuel tanks have been inspected and, if necessary, replaced. On August 18, 2006, dealers were provided with a Technical Service Bulletin instructing how to perform the fuel tank inspection and, if necessary, replacement. Hyundai dealers will inspect the production lot number of the fuel tanks and will replace those produced in the lot affected by the below-specification wall thickness. Hyundai anticipates that all affected fuel tanks will be inspected and, if necessary, replaced by September 1, 2006.

Replacement or other service to the fuel tanks 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 2007 model year vehicles would have incurred expenses for this warranted repair as a result of this condition, Hyundai believes that it is not necessary, and should not be required, to provide notification regarding reimbursement under section 577.11.



573.6(c)(9)

The Technical Service Bulletin containing the service procedure for inspecting and, if necessary, replacing the fuel tanks is attached. Copies of the electronic notifications to Hyundai dealers are also attached. Other relevant communications will also be forwarded when they are available.

573.6(c)(10)

Dealers were first instructed on August 17, 2006 by telephone and by electronic communication to not deliver any vehicles identified in 573.6(c)(3) above until the fuel tanks have been inspected and, if necessary, replaced.

573.6(c)(11)

Hyundai has assigned "Campaign 077" as the designation for the campaign.

Sincerely,

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

Robert Babcock
Manager, Certification and Compliance Issues

Attachments: 3



HYUNDAI Technical Service Bulletin

| | |
|--------|---------------|
| Group | CAMPAIGN |
| Number | 06-01-006 |
| Date | AUGUST, 2006 |
| Model | 2007 SANTA FE |

| | |
|---------|--|
| Subject | 2007 CM FUEL TANK INSPECTION CAMPAIGN 077 |
|---------|--|

IMPORTANT: DEALERS MUST PERFORM THIS CAMPAIGN ON ALL AFFECTED VEHICLES PRIOR TO CUSTOMER RETAIL DELIVERY.

IMPORTANT: ACCESS HYUNDAI MOTOR AMERICA'S WARRANTY VEHICLE INFORMATION SCREEN VIA DCS ON-LINE TO IDENTIFY OPEN CAMPAIGNS.

DESCRIPTION:

Some of the vehicles affected by this campaign may contain a fuel tank assembly that does not meet specification. This TSB provides the procedure to inspect and, if necessary, replace the fuel tank.

VEHICLES AFFECTED:

| MODEL YEAR | MODEL | AFFECTED VEHICLE PRODUCTION DATE RANGE |
|------------|----------|--|
| 2007 | Santa Fe | 7/28/2006-8/15/2006 |

NOTE: Verify that the vehicle qualifies for this campaign by checking the "Warranty Vehicle Information" screen via DCS Interactive or DCS Online.

PARTS INFORMATION:

| PART NAME | PART NUMBER | MODEL |
|----------------|-------------|----------|
| Fuel Tank Assy | 31100-0W000 | Santa Fe |

PARTS ORDERING INFORMATION:

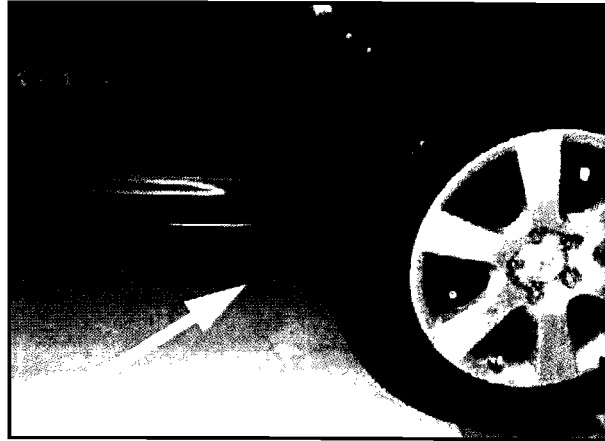
If replacement of parts required, please place an "R" order using ORDER# SPLCM.

SERVICE PROCEDURE:

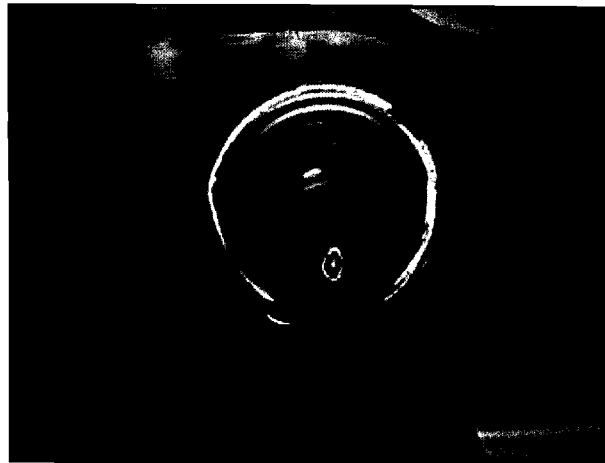
NOTE: Verify that the vehicle qualifies for this campaign by checking the “Warranty Vehicle Information” screen via DCS Online.

INSPECTION PROCEDURE:

1. Proceed to the Driver’s side (LH) rear wheel. Look under the vehicle in front of the rear wheel and locate the fuel filler neck on the fuel tank.



2. Check for either a green dot, green X, and/or green dot with an X strike-through on or around the fuel filler neck.



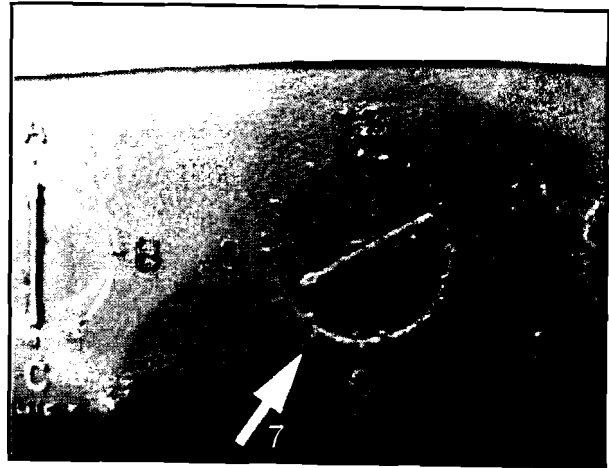
3. If there is a green marking as shown above, this vehicle does not need further inspection and can be released. If no green marking is present proceed to step 4.



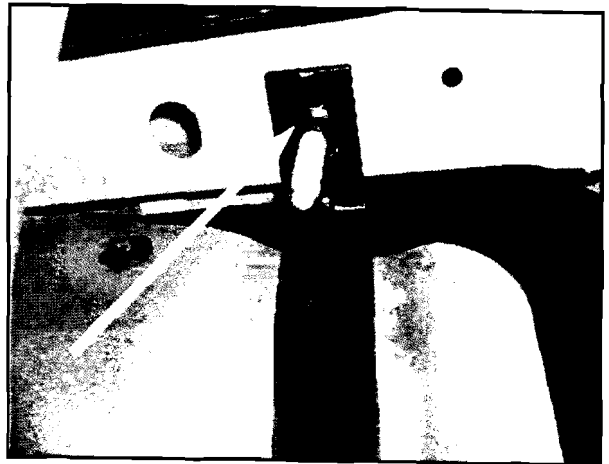
HYUNDAI Technical Service Bulletin

| | |
|--------|-----------|
| Group | CAMPAIGN |
| Number | 06-01-006 |

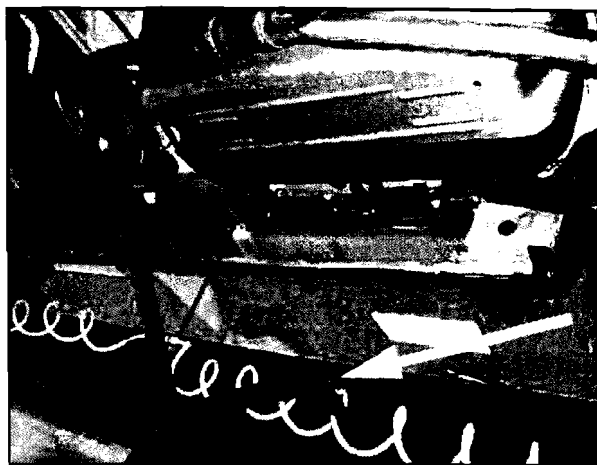
4. Proceed to the right side of the vehicle.
5. Check for the date molded into the bottom of the fuel tank on the Passenger's side (RH).
6. If the month imprint is **NOT** pointing to the **7**, this vehicle does not need further inspection and can be released.
7. If the month **IS** pointing to the **7** and no green mark is present as described above, proceed to step 8.



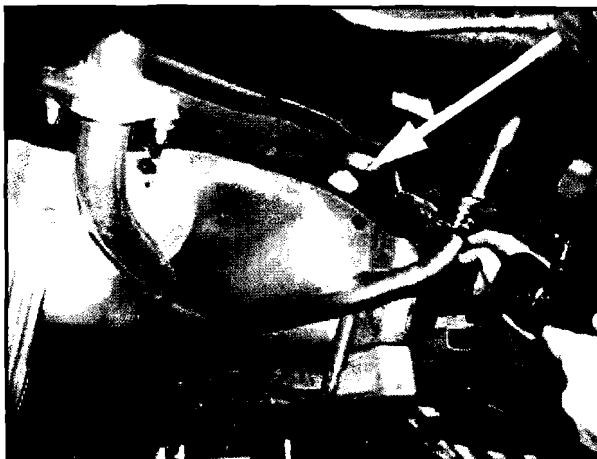
8. Raise the vehicle with a lift.
9. Proceed to the Passenger's side (RH) of the fuel tank.
10. Remove the 14mm nut holding on the right fuel tank strap.



11. Release the fuel tank strap end from the stud mount and let strap hang.



12. Using an inspection mirror and flashlight, place the mirror at the top rear center of the fuel tank and locate the fuel tank production label.



13. On the bottom left hand side of the production label is the fuel tank production date. Locate this date.



14. If the date is **7/28/2006 with a time stamp after 08:22 or anytime on 7/29/2006** the tank will need to be replaced. Continue to the Part Replacement section (beginning with step 17) below for the proper procedure. If vehicle needs replacement of tank, immediately order part as shown on page 1.
15. If the date is any other date proceed to step 16.



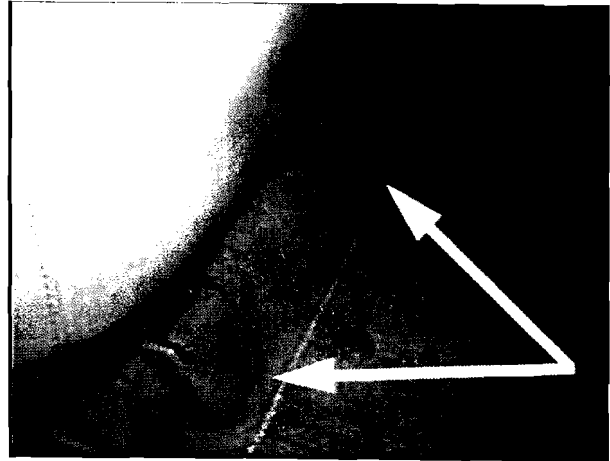
| | |
|--------|-----------|
| Group | CAMPAIGN |
| Number | 06-01-006 |

16. Reinstall fuel tank strap and nut. Torque nut to 44Nm (32 lb-ft). Lower vehicle and release.

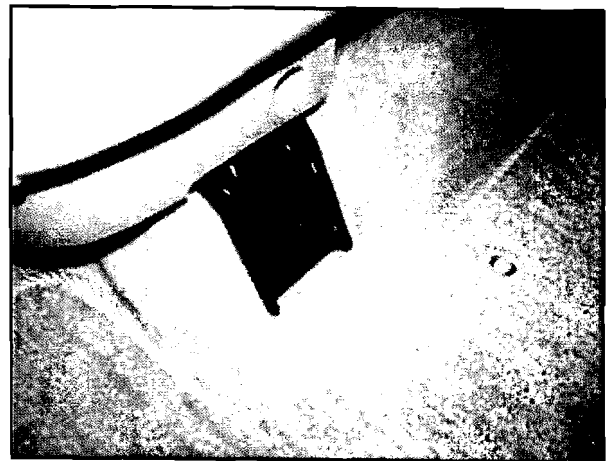
REPLACEMENT PROCEDURE:

17. On the 7 passenger model flip up the 40% seat (RH) as if entering the 3rd row seat, and remove the two lower bolt covers on the 60% seat (LH).

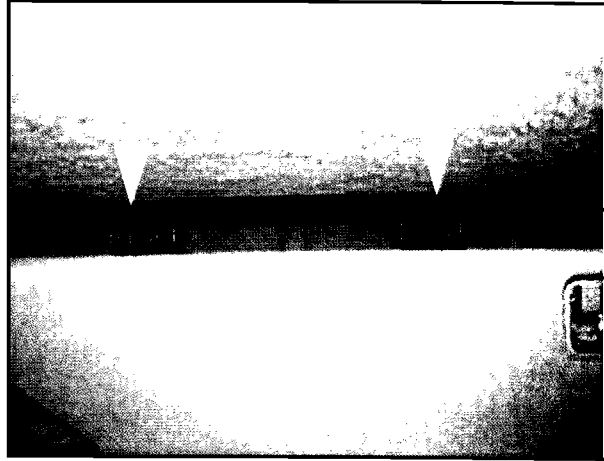
NOTE: On the 5 passenger model both rear seats must be removed. Steps 18 and 19 must be repeated on the passenger side rear seat.



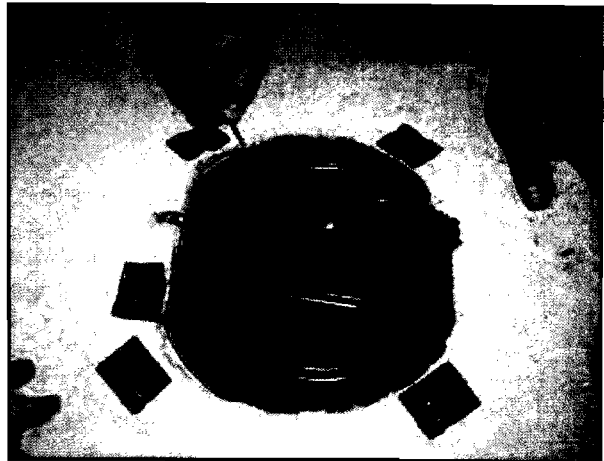
18. Remove the two lower bolts.
Tightening torque: 54Nm, 40lb-ft.



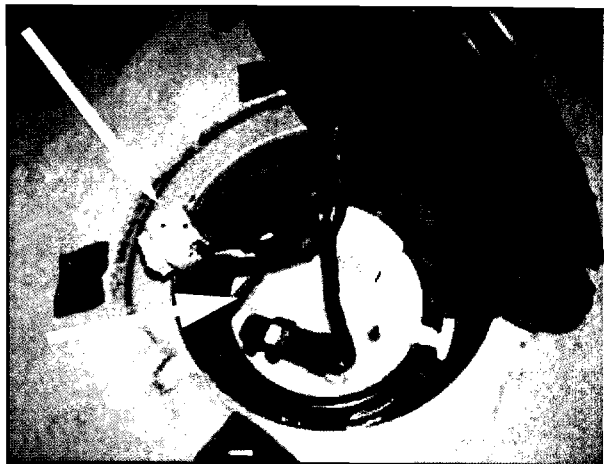
19. Remove the two upper bolts and carefully remove the seat from the vehicle. Tightening torque: 54Nm, 40lb-ft.



20. Gently remove both sending unit covers by prying upwards on the covers.



21. Disconnect the fuel pump connector (grey connector) on the Driver's side (LH) fuel pump assembly. Start the vehicle and allow the vehicle to run out of fuel and stall.

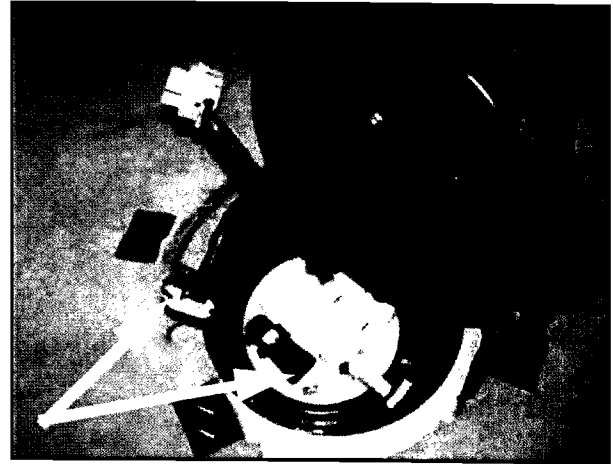




HYUNDAI Technical Service Bulletin

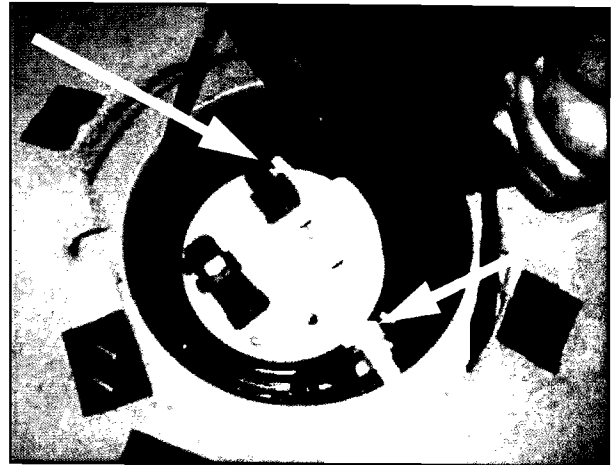
| | |
|--------|-----------|
| Group | CAMPAIGN |
| Number | 06-01-006 |

22. Disconnect the fuel tank pressure sensor connector on the Driver's side (LH) fuel pump assembly.

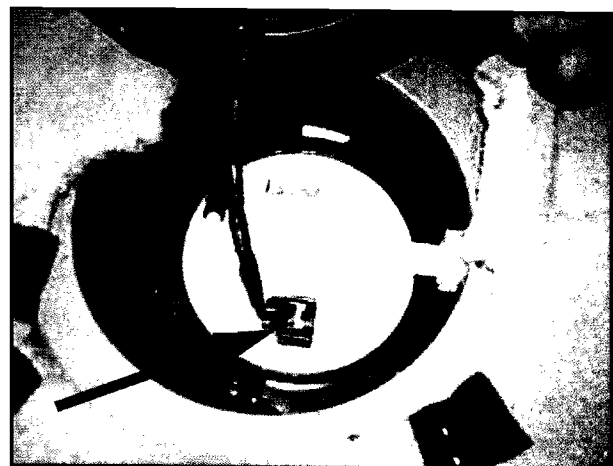


23. Disconnect the two fuel lines on top of the Driver's side (LH) fuel sending unit.

CAUTION: Fuel line may still have residual pressure. Place rags around area to protect yourself and vehicle from contamination.

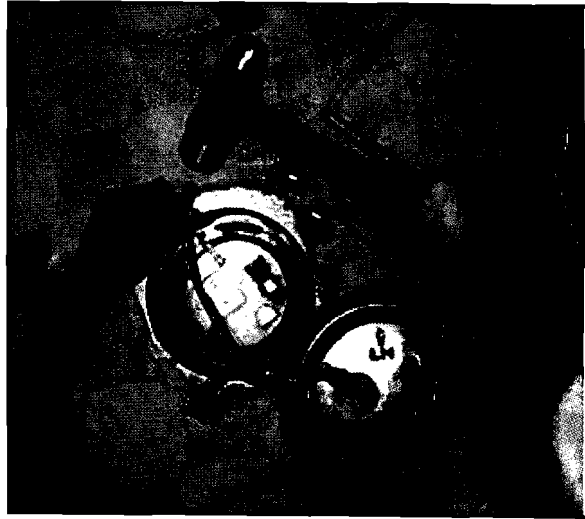


24. Disconnect the fuel sending unit connector on the Passenger's side (RH).



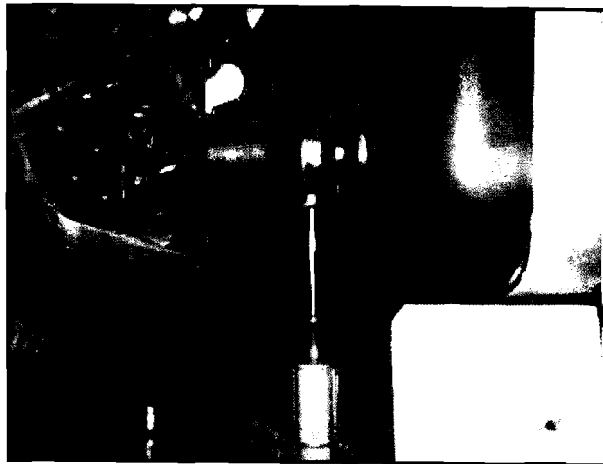
25. Using a brass drift, hammer the fuel pump retaining ring in a counter clockwise direction. Remove the fuel pump assembly using caution not to spill fuel. Drain the fuel into a suitable container through the removed fuel pump opening using a hand pump.

Transfer pump: Grainger Part# 2P138 or equivalent.



26. Loosen the hose clamp and remove the fuel filler hose from the fuel tank.

CAUTION: Fuel hose may still contain residual fuel.

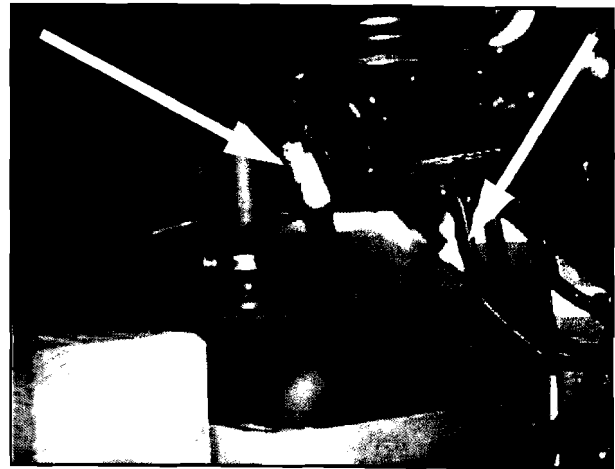




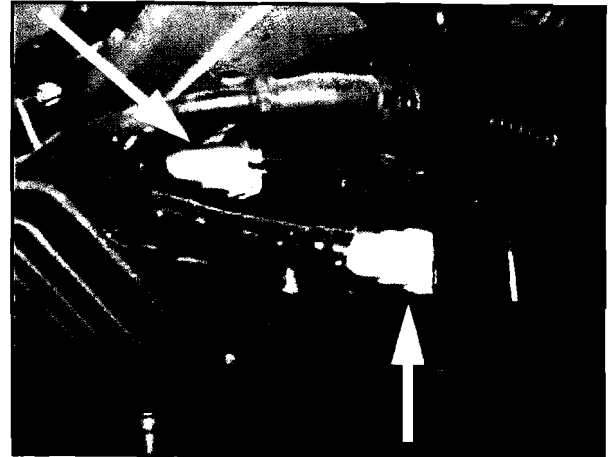
HYUNDAI Technical Service Bulletin

| | |
|--------|-----------|
| Group | CAMPAIGN |
| Number | 06-01-006 |

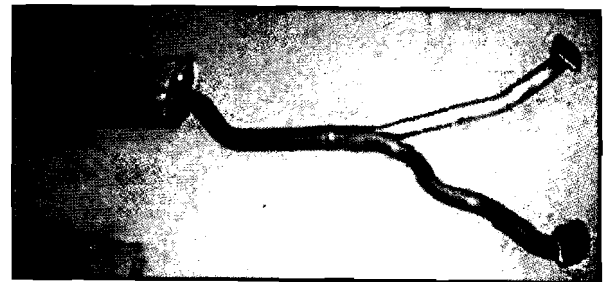
27. Disconnect the two rear EVAP lines. They can easily be located by their white connectors.



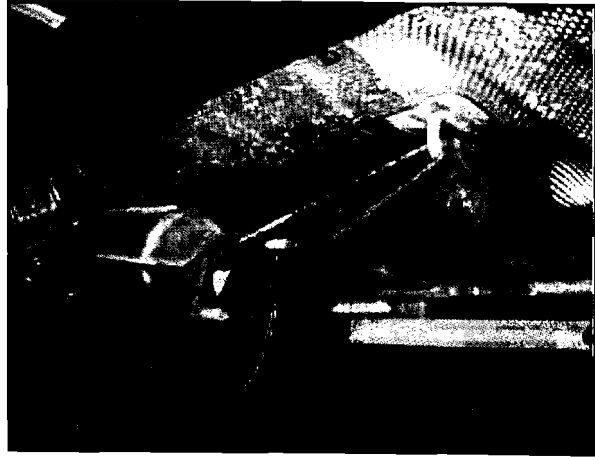
28. Disconnect the two forward EVAP lines that connect to the charcoal canister. These can also be located by their white connectors.



29. Remove the exhaust mid-pipe from the resonator to the mufflers. Take care to not misplace the exhaust gaskets. Tightening torque: 49Nm, 36Lb-ft



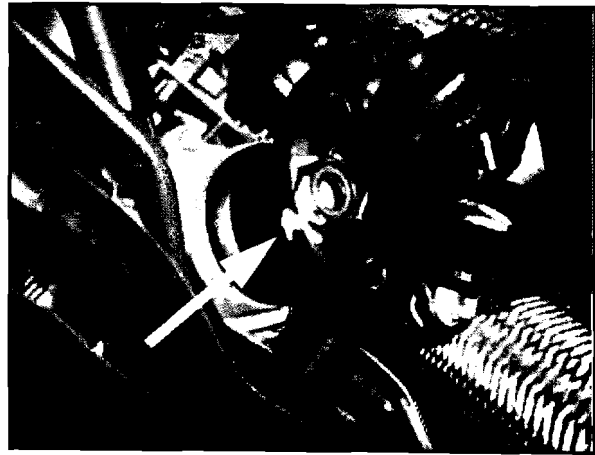
30. Support catalytic converter assembly with bungee cord.



31. **(4WD Models Only)** Mark front and rear driveshaft flanges to designate location prior to removal. Remove driveshaft.

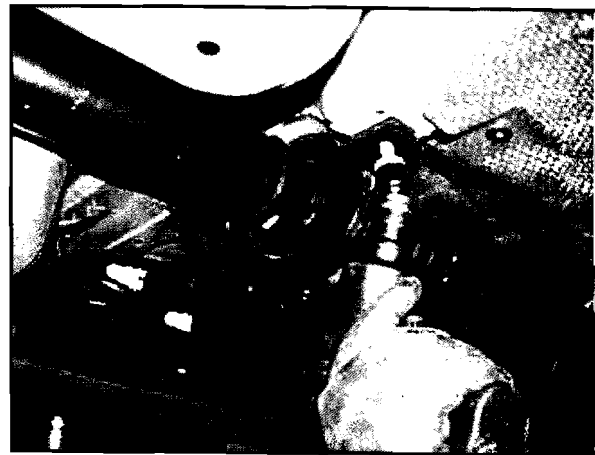
NOTE: Rear driveshaft flange bolts are reverse thread. Use caution during removal.

Tightening torque: 59Nm, 43lb-ft.



32. Remove the center driveshaft bearing bracket.

Tightening torque: 44Nm, 32lb-ft.

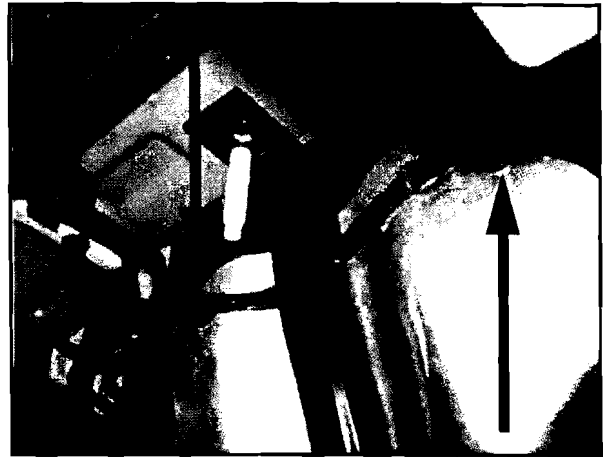




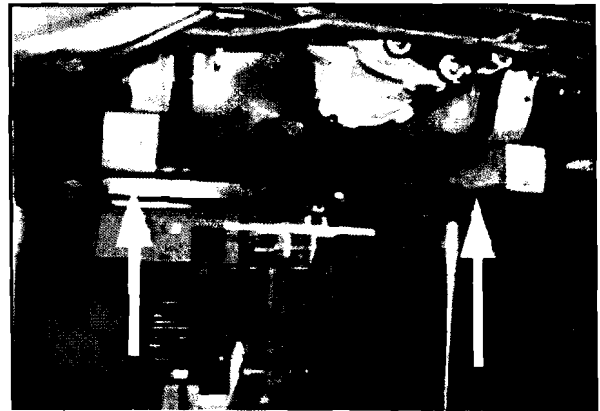
HYUNDAI Technical Service Bulletin

| | |
|--------|-----------|
| Group | CAMPAIGN |
| Number | 06-01-006 |

33. Remove the differential wire harness mounting clips from the fuel tank heat shield.



34. Support fuel tank and remove fuel tank strap nuts. Remove the fuel tank. Tightening torque: 44Nm, 32lb-ft.



35. Installation of the new fuel tank is performed by the steps listed above in reverse order.
36. After complete assembly, fill the tank with 4 gallons (up to \$14 equivalent) of 87 octane gasoline.
37. Using the Hi-Scan Pro or GDS, verify there are no EVAP leaks by running an EVAP Test.
38. If EVAP leaks are found refer to the shop manual for appropriate repair procedures.
39. If no EVAP leaks are found the vehicle is ready for release.

CAMPAIGN CLAIM INFORMATION:

| MODEL | OP CODE | OPERATION | OP TIME |
|--------------|----------------|--------------------------|----------------|
| Santa Fe | 60BA07I2 | INSPECT For Green Dot | 0.2 M/H |
| | 60BA07I3 | INSPECT Production Label | 0.7 M/H |
| | 60BA07R2 | REPLACE 2WD | 1.3 M/H |
| | 60BA07R3 | REPLACE 4WD | 1.5 M/H |

NOTE: Submit claims using the campaign claim screen.

//ALL HMA BSTXX 8/17/06 8/18/06 8/21/06
TO: Hyundai Dealership General Managers, Sales Managers, Service Managers,
Parts Managers, and Warranty Administrators

FROM: Hyundai Motor America
SUBJECT: **Campaign 077 - 2007 Santa Fe - Fuel Tank Inspection**

Hyundai Motor America is conducting a Fuel Tank Inspection Campaign on a small group of 2007 MY Santa Fe vehicles produced beginning July 28, 2006 through August 15, 2006. Some vehicles in this production range may have been produced with fuel tanks that have below-specification wall thickness.

Your District Parts and Service Manager will provide you with a list of affected VINs in your inventory. You **MUST NOT DELIVER** any of the affected vehicles to customers before the fuel tank has been inspected and, if necessary, before the fuel tank has been replaced.

A Technical Service Bulletin (TSB) will be provided for this campaign specifying a procedure to inspect the fuel tank to determine if it is affected by this campaign. If it is not affected, you must enter a campaign claim for the inspection procedure to create a record that the inspection has been performed. The vehicle may then be sold and delivered to a customer.

If the inspection indicates that the fuel tank is affected by this campaign, it must be replaced. The TSB will provide a procedure for replacement of the fuel tank.

Additionally, vehicles affected by Campaign 077 may be identified by accessing Hyundai Motor America's "Warranty Vehicle Information" screen via DCS Interactive or DCS On-line. All in-stock vehicles, if any, must have Campaign 077 completed prior to retailing.

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.

Attention: 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 appreciates your cooperation and support. Questions may be directed to your District Parts and Service Manager or Warranty HELPREP line at 1-800-435-7737, press #2.

HYUNDAI MOTOR AMERICA

//ALL HMA BSTXX 8/18/06 8/21/06 8/22/06
TO: Hyundai Dealership General Managers, Sales Managers, Service Managers,
Parts Managers, and Warranty Administrators

FROM: Hyundai Motor America
SUBJECT: **Additional Information - Campaign 077 - 2007 Santa Fe - Fuel
Tank Inspection**

This provides additional information regarding the Fuel Tank Inspection Campaign on a small group of 2007 MY Santa Fe vehicles produced beginning July 28, 2006 through August 15, 2006. It is important to complete this campaign properly and quickly.

Your District Parts and Service Manager has provided you with a list of affected VINs in your inventory. Additionally, vehicles affected by Campaign 077 can be identified by accessing Hyundai Motor America's "Warranty Vehicle Information" screen via DCS On-line. You **MUST NOT DELIVER** any of the affected vehicles to customers before the fuel tank has been inspected and, if necessary, before the fuel tank has been replaced.

A Technical Service Bulletin for this campaign (**TSB 06-01-006**) has been posted under the Campaign tab of the hmaservice.com website, specifying a procedure to inspect the fuel tank to determine if it should be replaced. If the inspection determines that the fuel tank should not be replaced, you must enter a campaign claim for the inspection procedure to create a record that the inspection has been performed. The vehicle may then be sold and delivered to a customer.

If the inspection indicates that the fuel tank must be replaced, the TSB provides a procedure for replacement of the fuel tank.

If the fuel tank must be replaced, order it immediately, as follows:

**Part Name: Fuel Tank Assembly Part Number: 31100-0W000
Place an "R" Order using ORDER# SPLCM**

After inspecting your dealership's vehicle(s) and ordering fuel tank(s), if necessary, please contact your District Parts and Service Manager to provide the status of the campaign, including the affected VIN or VINs. After any fuel tanks have been installed, again please contact your District Parts and Service Manager to provide the status of the campaign, including the affected VIN or VINs.

You **MUST 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.

Attention: 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 appreciates your cooperation and support. Questions may be directed to your District Parts and Service Manager or Warranty HELPREP line at 1-800-435-7737, press #2.

HYUNDAI MOTOR AMERICA