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February 1, 2007

TO: All U.S. Ford and Lincoln Mercury Dealers

SUBJECT: DEMONSTRATION / DELIVERY HOLD: Safety Recall 06S47:
Certain 2006, Low Cab Forward Vehicles
Injection Pressure Regulator (IPR) Heat Shield Replacement and Connector Inspection

REF: Dealer Announcement dated May 10, 1999, Low Volume Programs]

REF: Customer Satisfaction Program 06B40
Customer Satisfaction Program 06B41
Customer Satisfaction Program 07B44

AFFECTED VEHICLES

Certain 2006 Low Cab Forward vehicles built at the Escobedo Assembly Plant from Job #1 through March 30, 2006. Affected vehicles are identified in OASIS. In addition, for a list of vehicles assigned to your dealership, visit <https://web.fsavinlists.dealerconnection.com>. This information will be available on February 1, 2007.

REASON FOR THIS SAFETY RECALL

In some of the affected vehicles, the unique shape of the rubber heat shield may allow water intrusion into the IPR connector resulting in corrosion which may affect engine performance. This condition may cause the engine to run rough, exhibit a hard start condition, or upon acceleration or deceleration, it may stall.

SERVICE ACTION

Before demonstrating or delivering any of the vehicles involved in this Field Service Action, dealers are to inspect the IPR connector for corrosion and replace it if corrosion is found. Dealers will also install an improved aluminized heat shield that does not allow water to enter the IPR connector. This service must be performed on affected vehicles at no charge to the vehicle owner. Do not demonstrate or deliver affected vehicles that remain in your new vehicle inventory until this safety recall has been completed.

CUSTOMER VEHICLES AFFECTED BY OTHER FIELD SERVICE ACTIONS

Please Note: It is possible that a vehicle affected by this program may also be affected by one or more of the following concurrently launched field service actions:

- Customer Satisfaction Program 06B40 – Engine Crankcase Ventilation System Upgrade
- Customer Satisfaction Program 06B41 – Cab Entry Assist Handle
- Customer Satisfaction Program 07B44 – Engine Fuel Line

For customer convenience, owners of vehicles that have more than one field service action open against them will be sent a single owner letter that references multiple field service actions. The owner letter sample, however, will reflect only program 06S47. PLEASE CONSULT OASIS TO BE SURE YOU ARE ADMINISTERING THE CORRECT PROGRAM(S) AND, IF POSSIBLE, COMPLETE ALL OPEN PROGRAMS IN ONE CUSTOMER VISIT.

PLEASE NOTE:

Federal law requires dealers to complete this recall service before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a dealer could result in a civil penalty of up to \$6,000 per vehicle. Correct all vehicles in your new vehicle inventory before delivery.

LOW VOLUME PROGRAM

This recall is being processed as a Low Volume Program. This type of field action was announced in an All-Dealer letter dated May 10, 1999.

The Customer Notification Letter directs owners to contact the Low Volume Coordination Center to arrange for this service. We will advise you via CuDL (Customer Data Link) of the owners that choose your dealership to perform the service provided by this recall. The parts will be ordered for your dealership by the coordination center.

If notified via CuDL, you are requested to contact the owner and arrange for a service appointment. The coordination center will advise owners that you will contact them within the next two business days.

ATTACHMENTS

- Attachment I: Administrative Information
- Attachment II: Labor Allowances and Parts Ordering Information
- Attachment III: Technical Information
- Customer Notification Letter

QUESTIONS & ASSISTANCE

- Low Volume Coordination Center (Customer / Dealer stock unit part orders) 1-800-248-0186
- All Other Issues: Special Service Support Center (Dealer Only) 1-800-325-5621

Sincerely,



Frank M. Ligon

Safety Recall 06S47
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OASIS ACTIVATED?

Yes. OASIS will be activated by February 1, 2007

FSA VIN LIST ACTIVATED?

Yes. Available through FMCDealer.com or at <https://web.fsavinlists.dealerconnection.com> by February 1, 2007. Owner names and addresses will be available by February 20, 2007.

NOTE: Your FSA VIN list may contain owner names and addresses obtained from motor vehicle registration records. The use of such motor vehicle registration data for any purpose other than in connection with this recall is a violation of law in several states, provinces, and countries. Accordingly, you must limit the use of this listing to the follow-up necessary to complete this recall action.

STOCK VEHICLES

Correct all affected units in your new vehicle inventory before delivery.

SOLD VEHICLES

- Owners of affected vehicles will be directed to dealers for repairs, utilizing the "Low Volume Process." When you receive notification through CuDL (Customer Data Link), you should contact the owner and arrange for this service. Please note that the Low Volume Coordination Center will advise owners that they will hear from you within the next two business days. For more information, see "[Low Volume Announcement Letter](#)" dated May 10, 1999.
- Immediately contact any of your affected owners whose vehicles are not on your VIN lists but are identified in OASIS. Give the owner a copy of the Customer Notification Letter (when available) and schedule a service date. Correct other affected vehicles identified in OASIS which are brought to your dealership.

TITLE BRANDED / SALVAGED VEHICLES

Affected title branded and salvaged vehicles are eligible for this Field Service Action.

RELATED DAMAGE

If a related damage condition exists that you believe to be caused by the covered condition, call the Special Service Support Center to request approval **prior** to the repair of any related damage. Requests for approval after completion of the repair will not be granted. Ford Motor Company reserves the right to deny coverage for related damage in cases where the vehicle owner has not had this recall performed on a timely basis.

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ADDITIONAL LABOR TIME

- If a condition exists that requires additional labor to complete the repair, call the Special Service Support Center to request approval **prior** to performing any additional labor. Requests for approval after completion of the repair will not be granted.
- If you encounter aftermarket equipment or modifications to the vehicle which might prevent the repair of the covered condition, call the Special Service Support Center.

OWNER REFUNDS

Refunds are not authorized for the program.

RENTAL VEHICLES

The use of rental vehicles is not authorized for this program.

CLAIMS PREPARATION AND SUBMISSION

- Enter claims using Direct Warranty Entry (DWE).
- Related damage must be claimed on a repair line that is separate from the repair line on which the FSA is claimed. Related damage requires approval from Special Service Support Center.
- "MT" labor should be submitted on a separate repair line with the related damage flag checked. "MT" labor requires approval from Special Service Support Center.
- Refer to ACESII manual for claims preparation and submission information.

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LABOR ALLOWANCES

Description	Labor Operation	Labor Time
Inspect IPR connector, apply grease to the connector and replace the heat shield (No corrosion found in the connector)	06S47B	0.4 Hour
Inspect IPR connector, replace harness pigtail, apply grease to the connector and replace heat shield (Corrosion found in connector)	06S47C	0.5 Hour
Related damage and "MT" labor requires prior approval.	Call Special Service Support Center at 1-800-325-5621	

PARTS REQUIREMENTS / Ordering Information

Because the affected vehicles in this program may be affected by two or more field service actions, these programs are being administered under the "Low Volume" process. This process is intended to help minimize the inconvenience to both our customers and dealers.

CUSTOMER VEHICLES:

The owner notification letter will direct customers to contact the Low Volume Coordination Center to schedule a service appointment. The center will determine which parts are required to complete all open FSA's and have the parts shipped to the customer's dealership of choice. When this occurs, dealers will be notified over CuDL and should contact the customer within 2 days to schedule a service appointment with the customer.

STOCK VEHICLES:

Correct all vehicles in your new vehicle inventory before delivery. First, inspect all affected new vehicles to determine parts requirements. Then, contact the Low Volume Coordination Center at 1-800-248-0186 to order parts. When calling this number, identify which Customer Satisfaction Program you are calling about and provide the VIN of the dealer stock vehicle to be serviced.

Parts may also be ordered through normal channels (for stock units or customers that don't utilize the "Low Volume" process). Before ordering parts, please be sure to check OASIS for all open programs.

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Part Number	Description	Quantity
6E7Z-9H529-AA (NOTE #1)	IPR Heat Shield Kit	1
6E7Z-14S411-A (NOTE #2)	IPR Connector Pigtail Kit NOTE: This kit is only necessary for vehicles that have corroded connectors as described in Attachment III.	1

NOTE #1: This kit is ordered using the Low Volume Program.

NOTE #2: All dealers that have sold or stocked LCF trucks will receive at least one IPR Connector Pigtail Kit through seed stocking. Please order a replacement when this kit is used.

The DOR/COR for this program is 50374. This number identifies parts ordered for this recall through the Recall Part Support Center (Low Volume Coordination Center) at 1-800-248-0148.

DEALER PRICE

For latest prices, refer to DOES II.

PARTS RETENTION AND RETURN

Follow the provisions of the Warranty and Policy Manual for "Parts Retention and Return Procedures".

EXCESS STOCK RETURN

Excess stock returned for credit must have been purchased from Ford Customer Service Division in accordance with Policy Procedure Bulletin 4000.

CERTAIN 2006 MODEL YEAR LOW CAB FORWARD (LCF) VEHICLES — INJECTION PRESSURE REGULATOR (IPR) INSPECTION AND REPAIR

OVERVIEW

This program involves applying electrical grease to the IPR connector and installing a *new* heat shield over the IPR harness and valve. If corrosion is found on the harness connector, a *new* harness pigtail must be installed. To complete these repairs, 2 service kits have been developed.

- **All affected vehicles will require Service Kit 6E7Z-9H529-AA.**
- **Certain affected vehicles (with corroded harness connectors) will require Service Kit 6E7Z-14S411-AA.**

Be sure to follow the service procedures in this Attachment III to determine which repairs are required.

6E7Z-9H529-AA IPR Heat Shield Kit Contents	
Description	Quantity
Dielectric Grease	1 tube
Heat Shield	1
Harness Retainer	1

6E7Z-14S411-AA IPR Connector Pigtail Kit Contents	
Description	Quantity
Heat Shrink Tubing	2 pcs
Pigtail	1
Splice Clips	2 - not used



SERVICE PROCEDURE

NOTE: The IPR valve may be found with the connector pointing down. In this position inspection, application of electrical grease and reconnecting the harness connector is difficult. To assist in this repair, it is advised that you rotate the IPR housing using suitable pliers and orient the connector so it is pointing in a direction that allows you to be able to see inside the connector. DO NOT ATTEMPT TO EITHER LOOSEN OR TIGHTEN THE IPR TO RE-ORIENT THE HOUSING. THE HOUSING WILL ROTATE SEPARATELY FROM THE VALVE. Use care when rotating the housing to avoid damaging the inner plastic housing. Do not crush the outer housing. See Figure 1.

After performing the necessary repairs, it is essential that the connector be re-oriented so it points straight down. This will help prevent water from entering the connector.

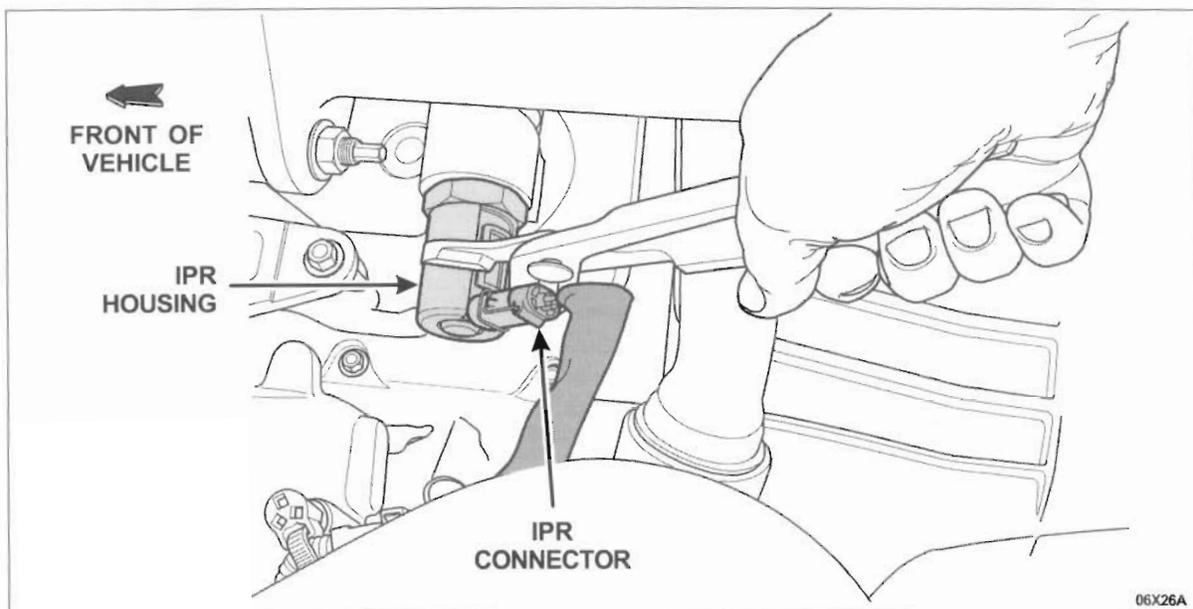


FIGURE 1



1. Disconnect the IPR electrical connector and inspect the harness connector and the IPR valve connector for the presence of corrosion. See Figure 2.
 - If the connector is free of corrosion, proceed to Step 2.
 - If the **harness** connector shows signs of corrosion, proceed to Harness Pigtail Replacement in this Attachment III.
 - If the **IPR valve** connector shows signs of corrosion, contact the Special Service Support Center at 1-800-325-5621 for further instructions.

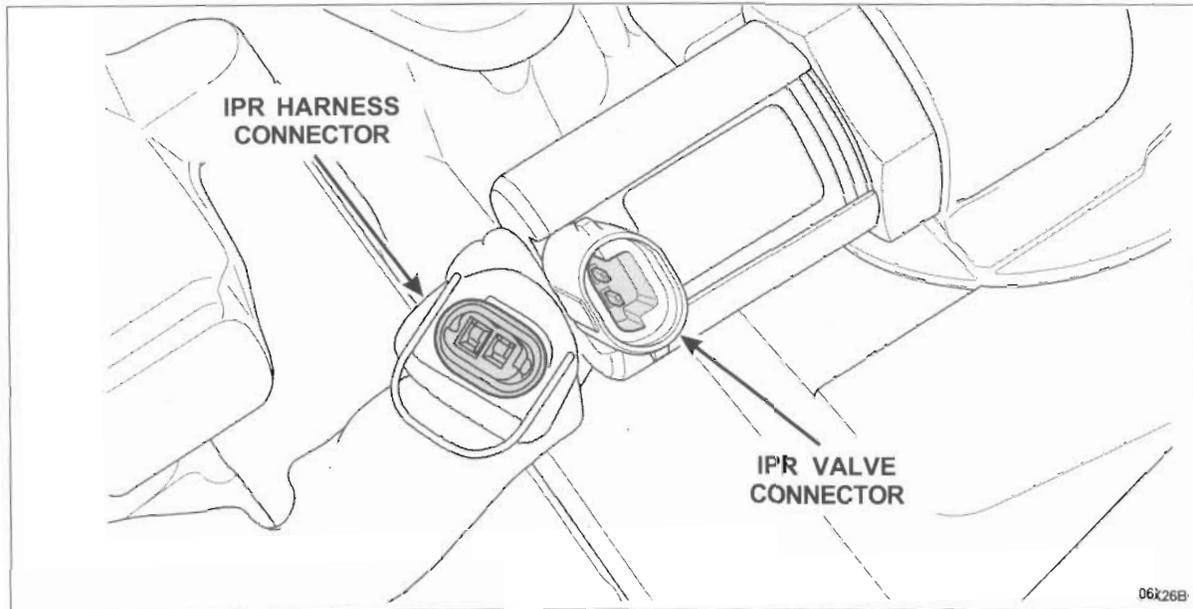


FIGURE 2

2. Fill the IPR valve connector with supplied XG-12 Electrical Grease.



3. Replace the original rubber-coated heat shield with the **new** foil heat shield as follows:
 - a) Note the installed position of the wire retainer on the connector, then carefully remove it without bending it out of shape. See Figure 3.
 - b) Cut off the plastic tie strap securing the heat shield to the harness, then slide the shield off the harness. See Figure 3.
 - c) Reinstall the wire retainer onto the connector in its original position.
 - d) Cut off and remove the harness retainer from the intake manifold stud. See Figure 3.

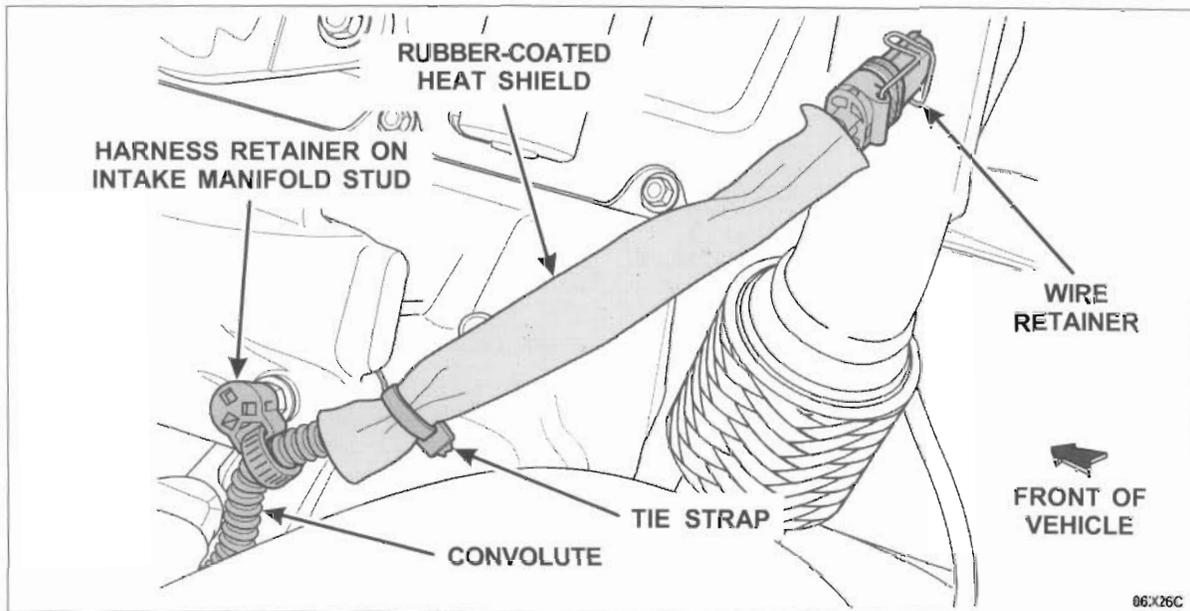


FIGURE 3



- e) Position the **new** heat shield so the IPR harness is even with the adhesive strip on the long section of the shield and the end of the connector is flush with the end of the short section of the shield. See Figure 4.
- f) Fold and crease the heat shield around the harness, then remove the adhesive backing and adhere the shield to itself. See Figure 4.

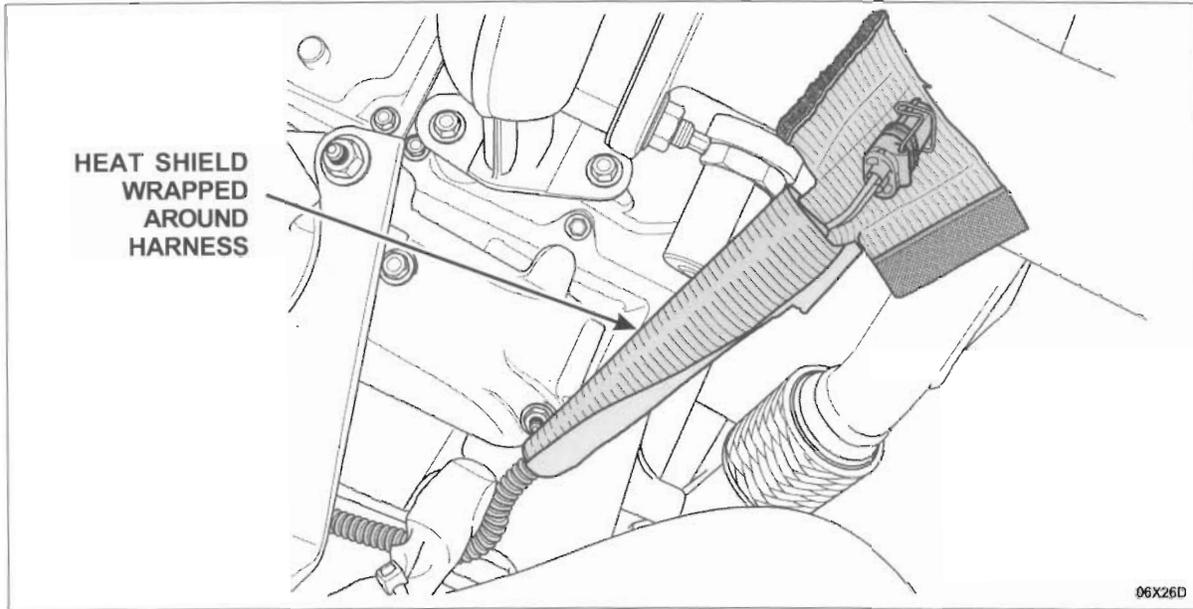


FIGURE 4

- g) Connect the IPR harness connector to the IPR valve and wipe away the **excess grease** that is squeezed out.



- h) Complete the heat shield installation by wrapping the short section around the IPR connector and secure with the hook-and-loop fastener. See Figure 5.
- i) Using plastic electrical tape, secure the heat shield to the harness convolute at the end of the shield, away from the connector. See Figure 5.
- j) **Rotate the IPR valve housing so the connector is pointing down at the 6 o'clock position.** See Figure 5. **This will help prevent water from entering the connector.**
- k) Install the **new** harness retainer onto the intake manifold stud, then secure the strap around the heat shield. See Figure 5.

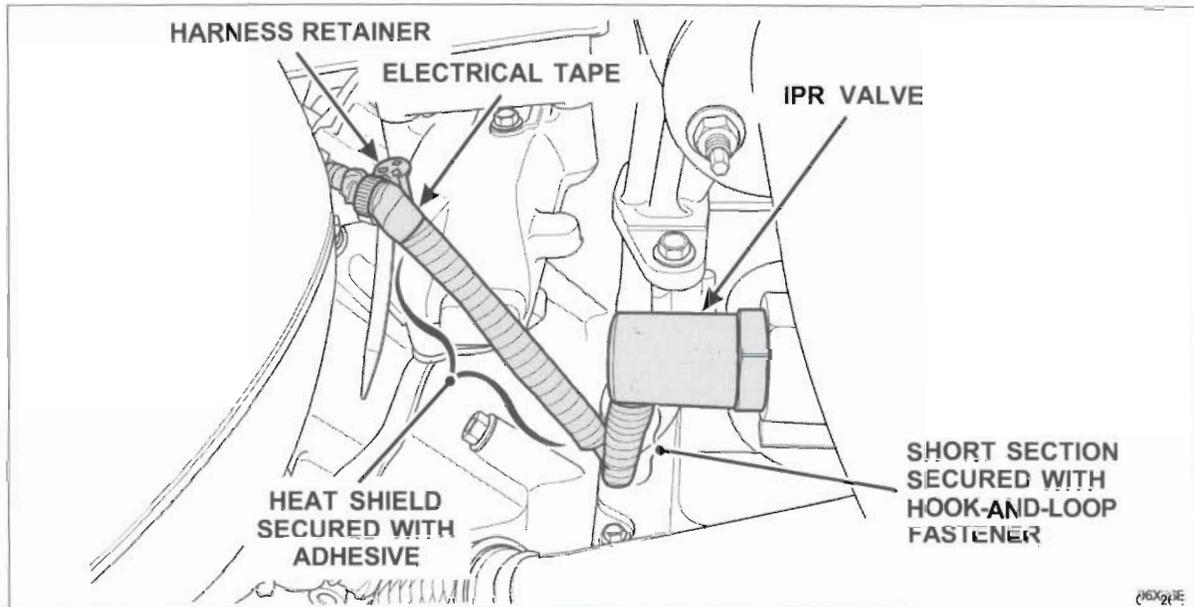


FIGURE 5

4. Release the vehicle.

HARNESS PIGTAIL REPLACEMENT

NOTE: Perform this procedure only if the harness connector is found to be corroded based on the inspection in Step 1 at the beginning of this Attachment III.

1. Remove the wiring pigtail from the repair kit and cut the wires to length as follows:
 - Cut the yellow wire approximately 5 cm (2 in) from the base of the connector.
 - Cut the purple wire approximately 10 cm (4 in) from the base of the connector.
2. Cut off and remove the harness retainer from the intake manifold stud. See Figure 3.
3. Remove and discard the wire retainer from the connector. Then cut off the tie strap and remove and discard the rubber-coated heat shield from the harness. See Figure 3.
4. Cut off and discard the convolute from the IPR harness to expose approximately 15-20 cm (6-8 in) of the harness wiring. See Figure 3.
5. Hold the trimmed pigtail up against the IPR harness and cut the harness wires to match the length.
6. Trim off approximately 7 mm (1/4 in) of insulation from all 4 wires.



7. Place a piece of heat shrink tubing over each of the longer wires (one on the vehicle harness, one on the pigtail). Match the wire colors then splice them together using the 22-18 gauge butt splice connectors and the crimp tool from the Rotunda Wire Splice Tool Kit 164-R5903.
8. Center the heat shrink tubing over the splices and heat them with the heat gun from the tool kit until adhesive flows from the ends of the tube. See Figure 6.

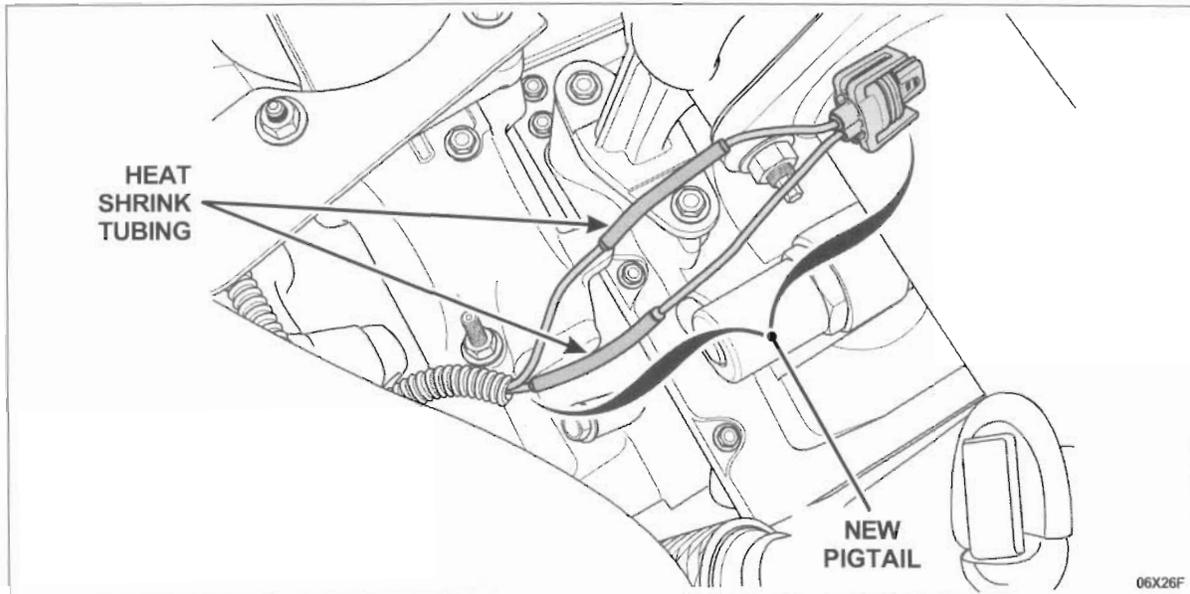


FIGURE 6

9. Fill the IPR valve connector with supplied electrical grease.
10. Install the **new** heat shield as follows:
 - a) Position the **new** heat shield so the IPR harness is even with the adhesive strip on the long section of the shield and the end of the connector is flush with the end of the short section of the shield. See Figure 4.
 - b) Fold and crease the heat shield around the harness, then remove the adhesive backing and adhere the shield to itself. See Figure 4.
 - c) Connect the IPR harness connector to the IPR valve and wipe away the excess grease that is squeezed out.
 - d) Complete the heat shield installation by wrapping the short section around the IPR connector and secure with the hook-and-loop fastener. See Figure 5.
 - e) Using plastic electrical tape, secure the heat shield to the harness convolute at the end of the shield, away from the connector. See Figure 5.
 - f) **Rotate the IPR valve housing so the connector is pointing down at the 6 o'clock position.** See Figure 5. **This will help prevent water from entering the connector.**
 - g) Install the harness retainer onto the intake manifold stud then secure the strap around the heat shield. See Figure 5.
11. Release the vehicle.

