



SB-10058671-7184

January 2015

Dealer Service Instructions for:

Emissions Recall P35 Diesel Particulate Filter Wiring

Models

- 2013 (DJ) RAM Pick Up Truck (2500 series)
(D2) RAM Pick Up Truck (3500 series)

NOTE: This recall applies only to the above vehicles equipped with a 6.7L Cummins turbo diesel engine (sales code ETK).

IMPORTANT: Some of the involved vehicles may be in Dealer vehicle inventory. Dealers should complete this recall service on these vehicles before retail delivery. Involved vehicles can be determined by using the VIP inquiry process.

Subject

The Diesel Particulate Filter (DPF) temperature sensor electrical connectors on about 28,000 of the above vehicles may have been connected to the incorrect body wiring harness electrical connectors. This can cause tailpipe emissions of oxides of nitrogen (NOx) to exceed the Federal and California emissions standard.

Repair

The DPF temperature sensor electrical connectors must be connected to the correct body wire harness connectors.

Parts Information

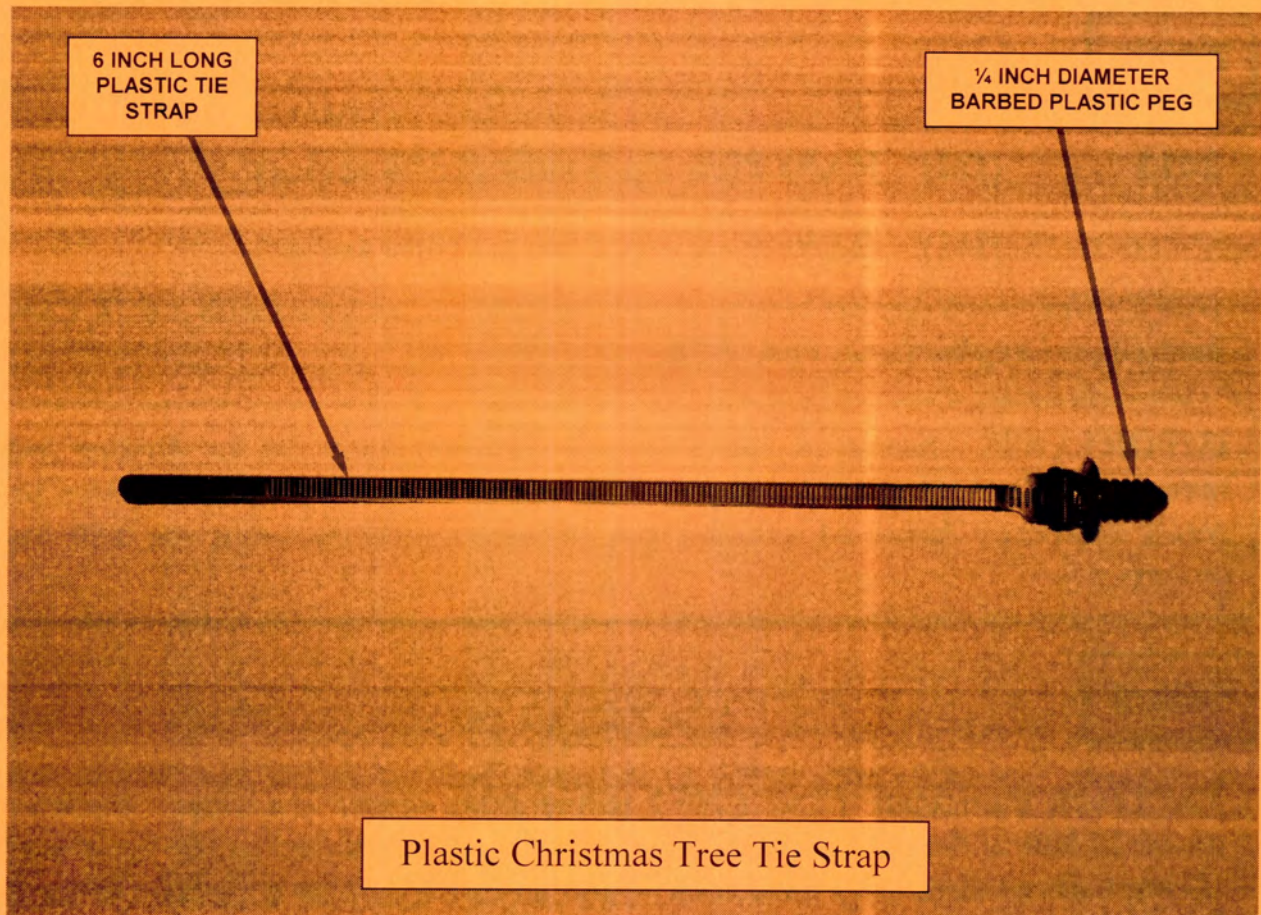
Part Number

68064249AA

Description

Strap, Plastic Christmas Tree Tie

NOTE: Two plastic Christmas tree tie straps are required to repair one vehicle.



Special Tools

No special tools are required to perform this service procedure.

Service Procedure

A. Reorientation of the Diesel Particulate Filter (DPF) Temperature Sensor Electrical Connectors to the Body Electrical Wire Harness (procedure for trucks with 149 inch wheel base)

1. Lift the vehicle on an appropriate hoist.
2. Using a china marker or equivalent, place an identification mark on both sides of one of the Diesel Particulate Filter (DPF) temperature sensor electrical connectors (Figure 1).

NOTE: Marking one set of temperature sensor electrical connectors will aid in connecting the connectors in the correct orientation.

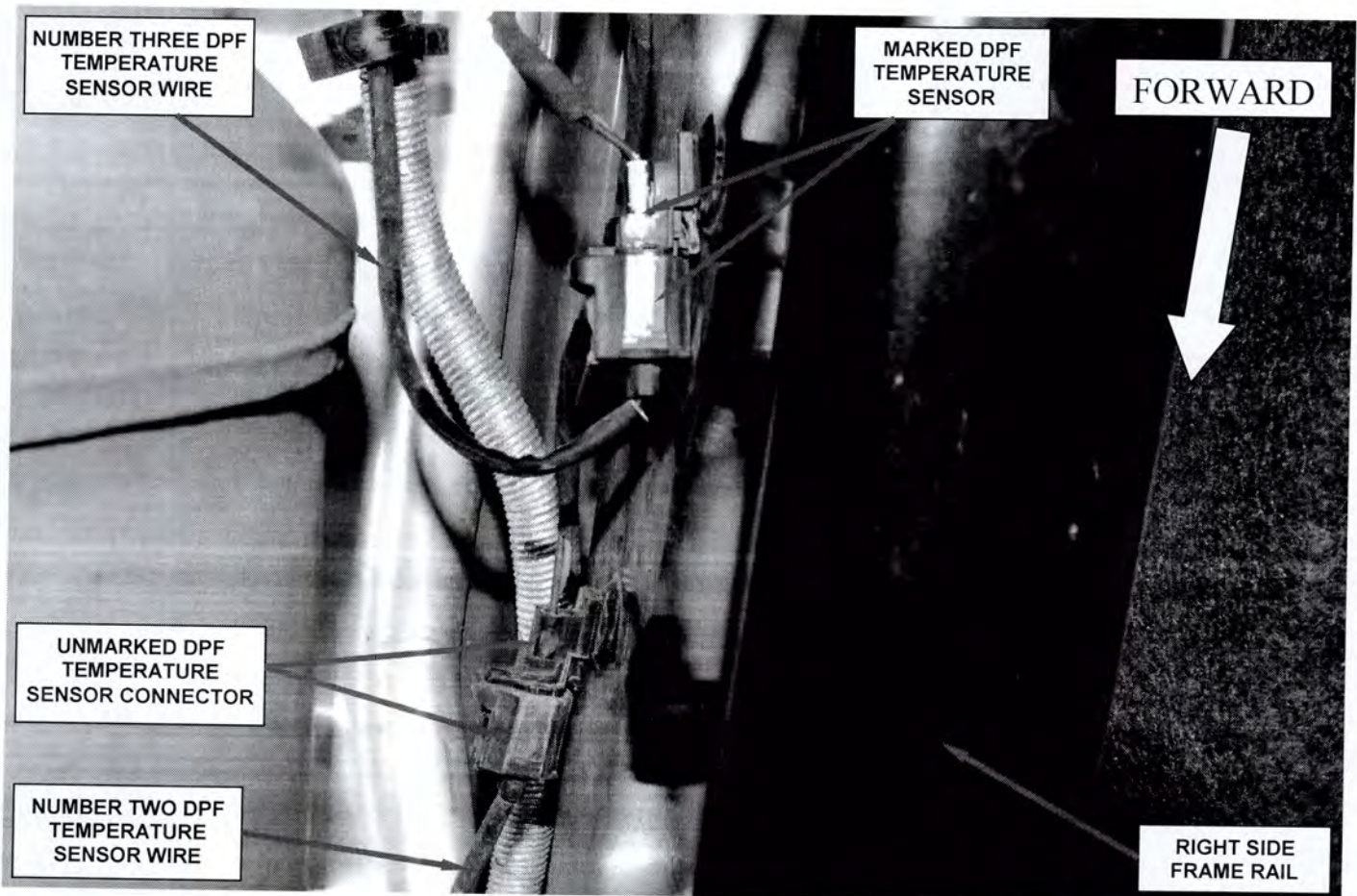


Figure 1 – Mark Number Three DPF Temperature Sensor Connector

Service Procedure (Continued)

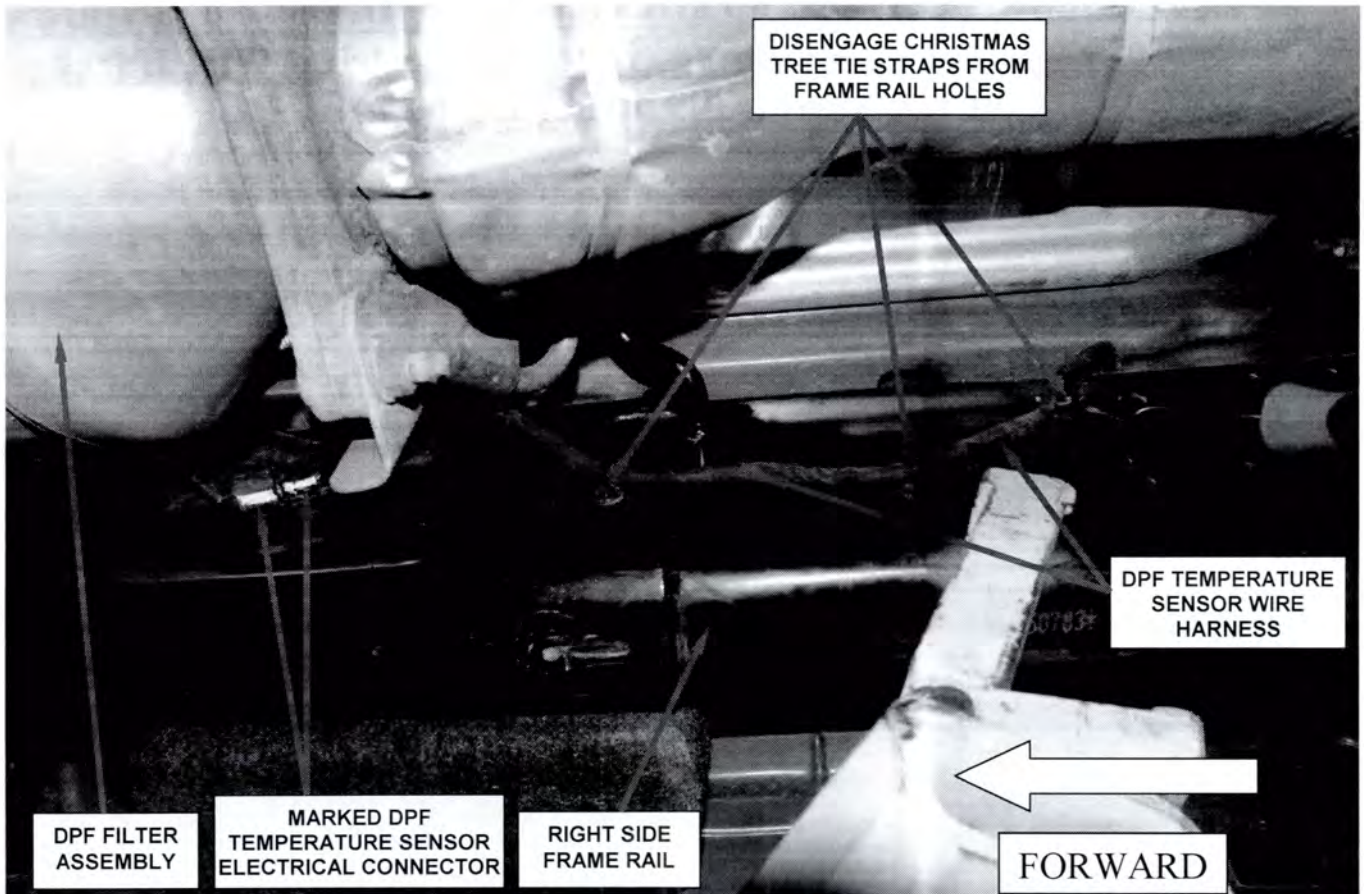
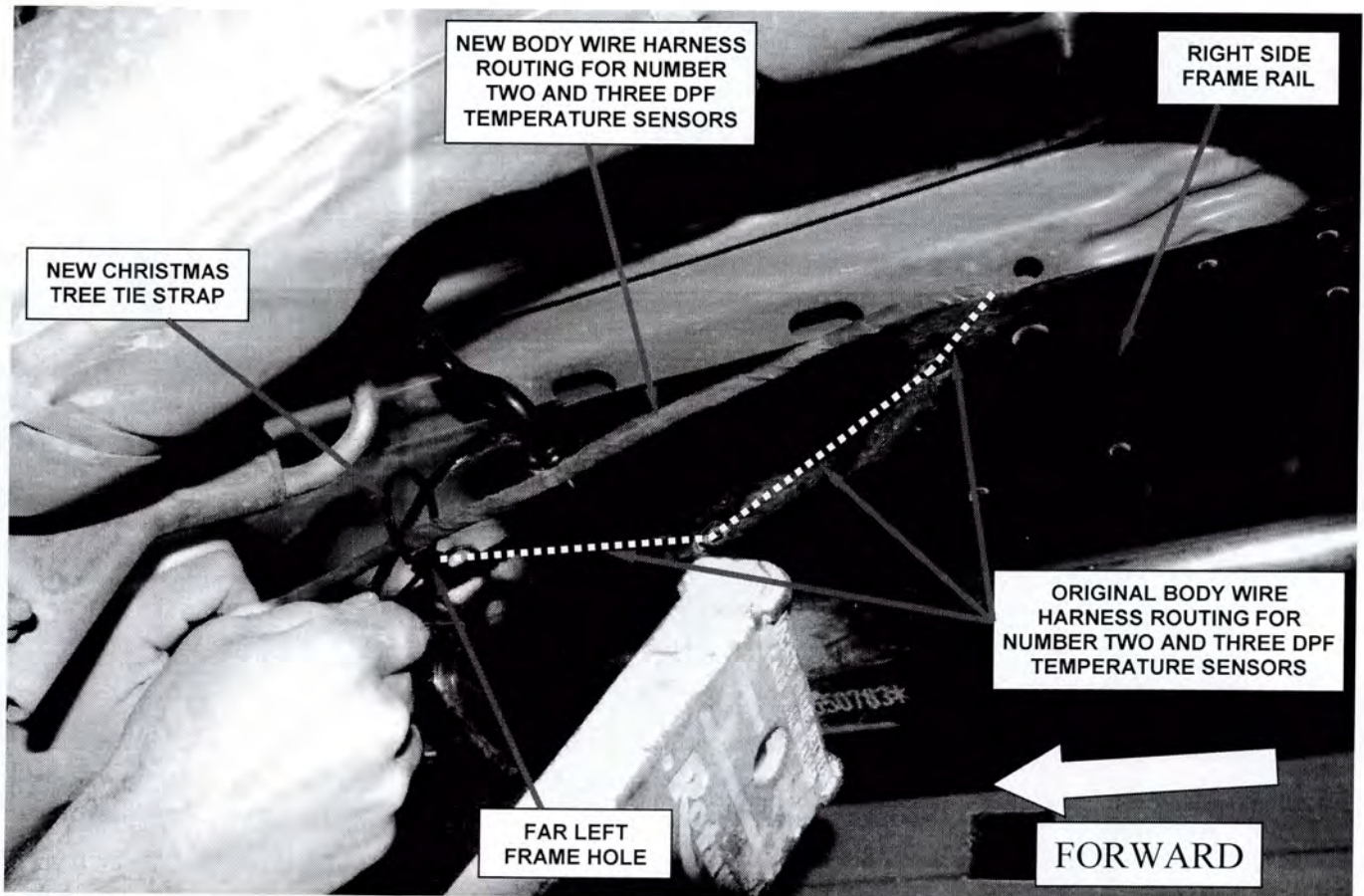


Figure 2 – Detach DPF Temperature Sensor Wire Harness from the Frame Rail

3. Detach the three DPF temperature sensor wire harness Christmas tree tie straps from the frame rail (Figure 2).
4. Cut off and discard the three Christmas tree tie straps from the DPF temperature sensor wire harness (Figure 2).

Service Procedure (Continued)**Figure 3 – New Body Wire Harness Routing**

5. Insert one Christmas tree tie strap barbed peg into the far left frame hole (Figure 3).
6. Loosely install the DPF temperature sensor electrical connector wire harness to the Christmas tree tie strap installed in Step 5.
7. Route the temperature sensor electrical wire harness as shown in Figure 3 and tighten the new Christmas tree tie strap.
8. Trim off the tail from the new Christmas tree tie strap.

Service Procedure (Continued)

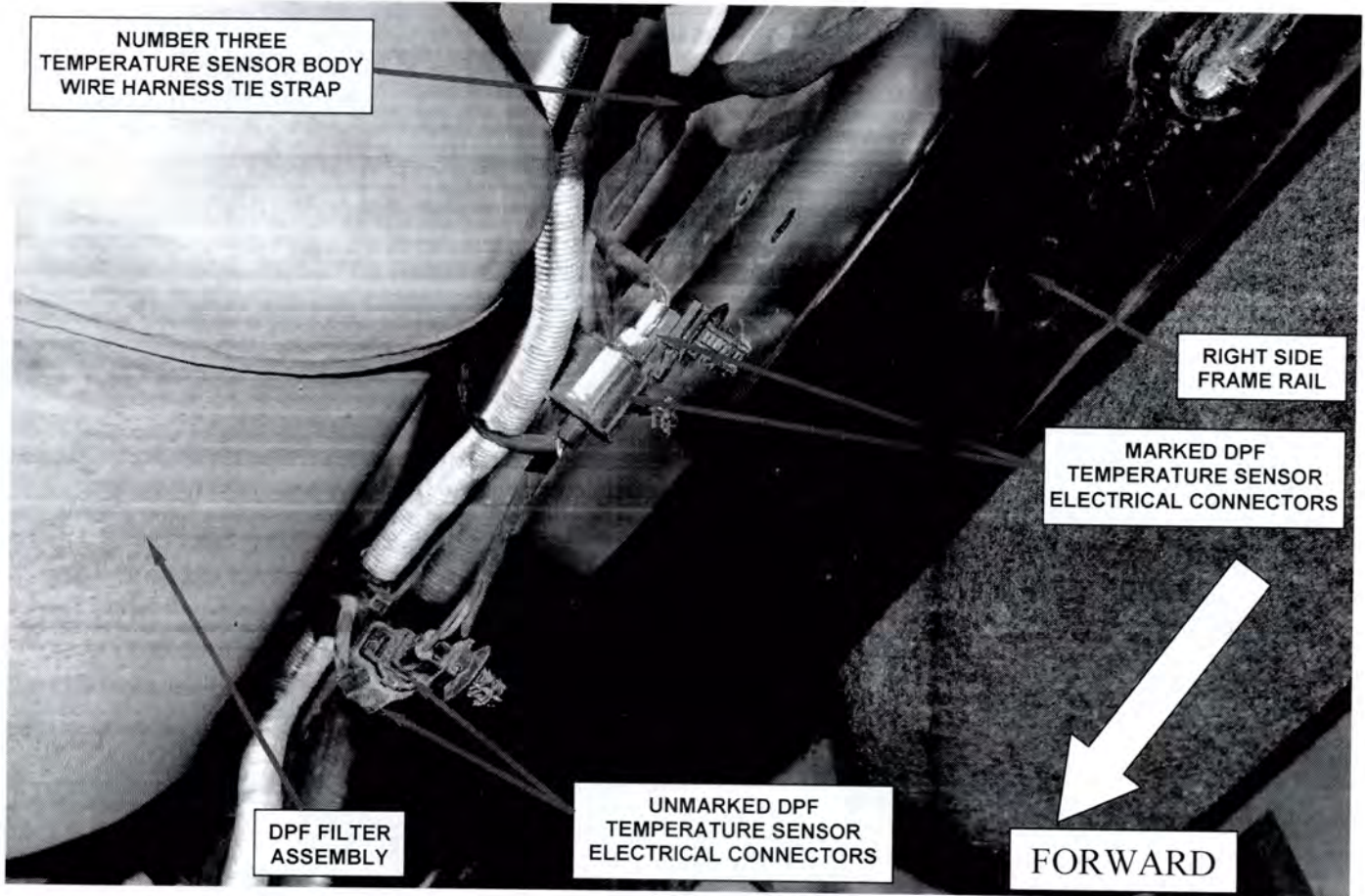


Figure 4 – Detach Both DPF Temperature Sensor Electrical Connectors from the Frame Rail

9. Carefully detach the two DPF temperature sensor electrical connectors from the frame rail (Figure 4).
10. Detach the Christmas tree tie strap from the wire harness for the number three DPF temperature sensor electrical connector wire harness (Figure 4).
11. Disconnect both DPF temperature sensor electrical connectors from the body wire harness connectors.

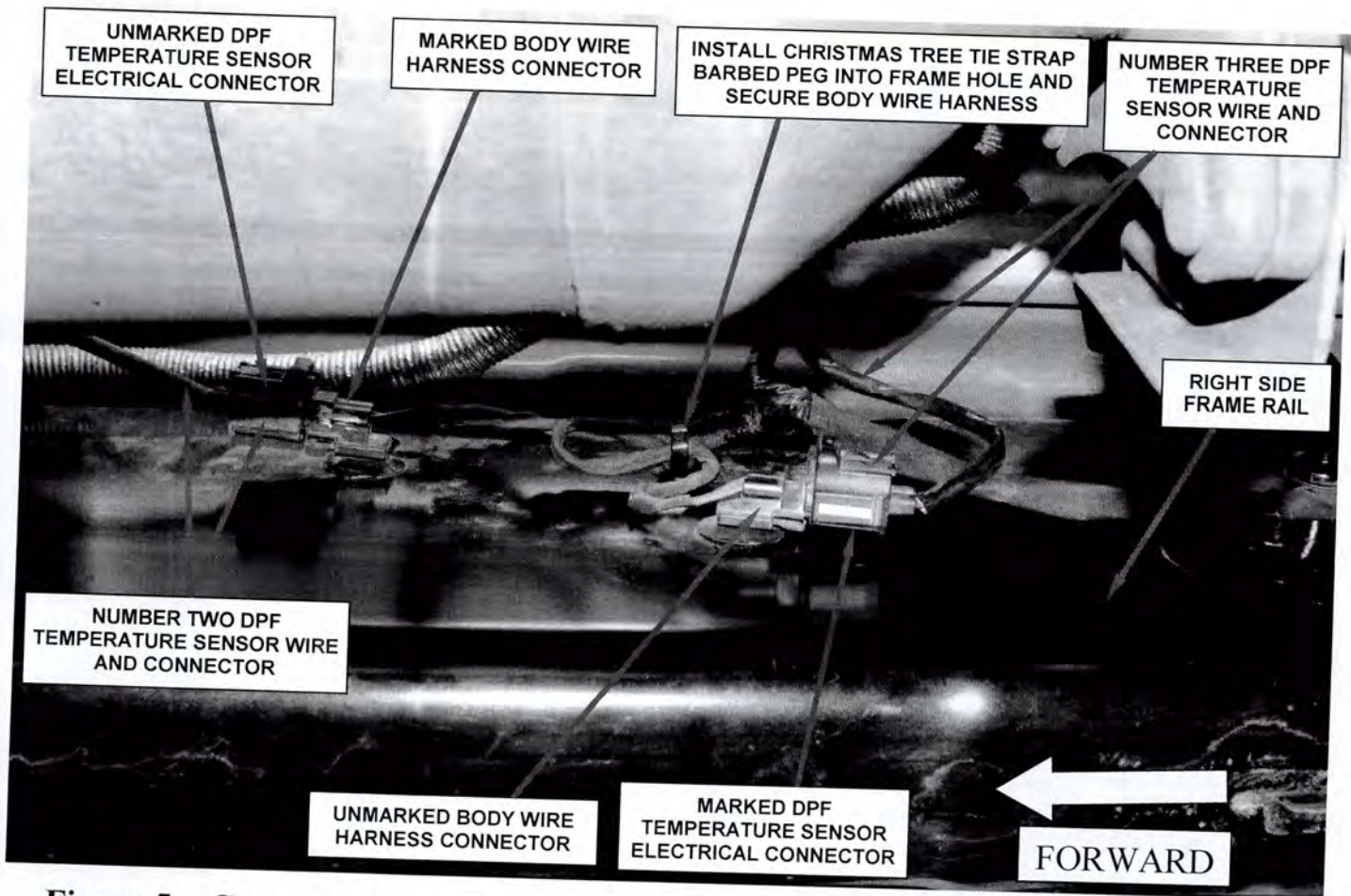
Service Procedure (Continued)

Figure 5 – Correctly Connected and Routed DPF Electrical Connectors and Wire Harness

12. Connect the marked body wire harness connector to the unmarked DPF temperature sensor electrical connector (Figure 5).
13. Connect the unmarked body wire harness connector to the marked DPF temperature sensor electrical connector (Figure 5).
14. Secure the DPF temperature sensor electrical connectors into the frame so that the connectors face away from each other (Figure 5).
15. Install one Christmas tree tie strap in the frame hole (Figure 5).
16. Loop the long body side wire harness and secure it to the frame with the Christmas tree tie strap installed in Step 15 (Figure 5).
17. Continue with **Section C. DPF Orientation Verification Test**

Service Procedure (Continued)**B. Reorientation of the Diesel Particulate Filter (DPF) Temperature Sensor Electrical Connectors to the Body Electrical Wire Harness**
(procedure for trucks with 160 inch wheel base)

1. Lift the vehicle on an appropriate hoist.
2. Using a china marker or equivalent, place an identification mark on both sides of one of the Diesel Particulate Filter (DPF) temperature sensor electrical connectors (Figure 6).

NOTE: Marking one set of temperature sensor electrical connectors will aid in connecting the connectors in the correct orientation.

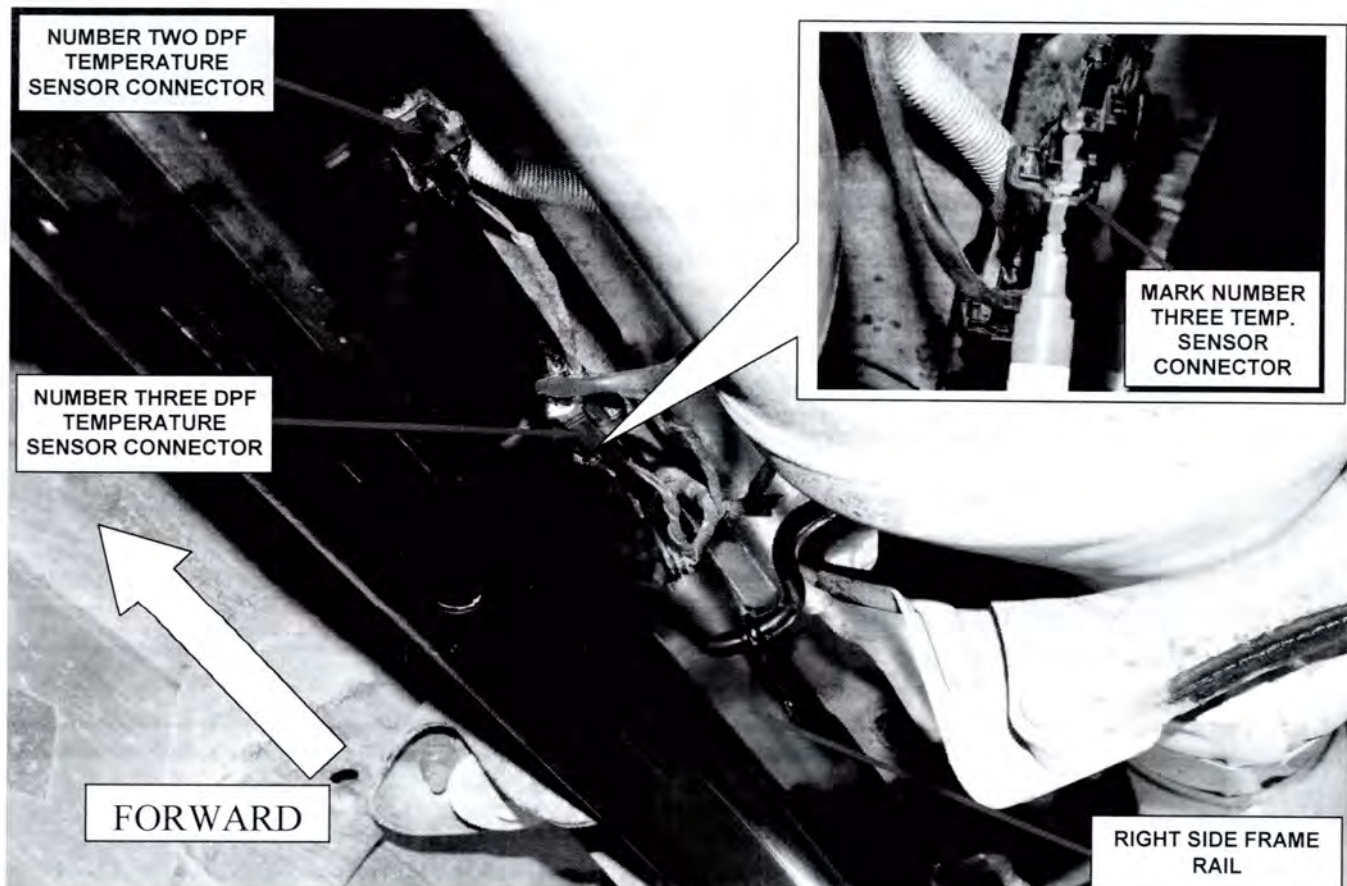


Figure 6 – Mark the Rear Connector

Service Procedure (Continued)

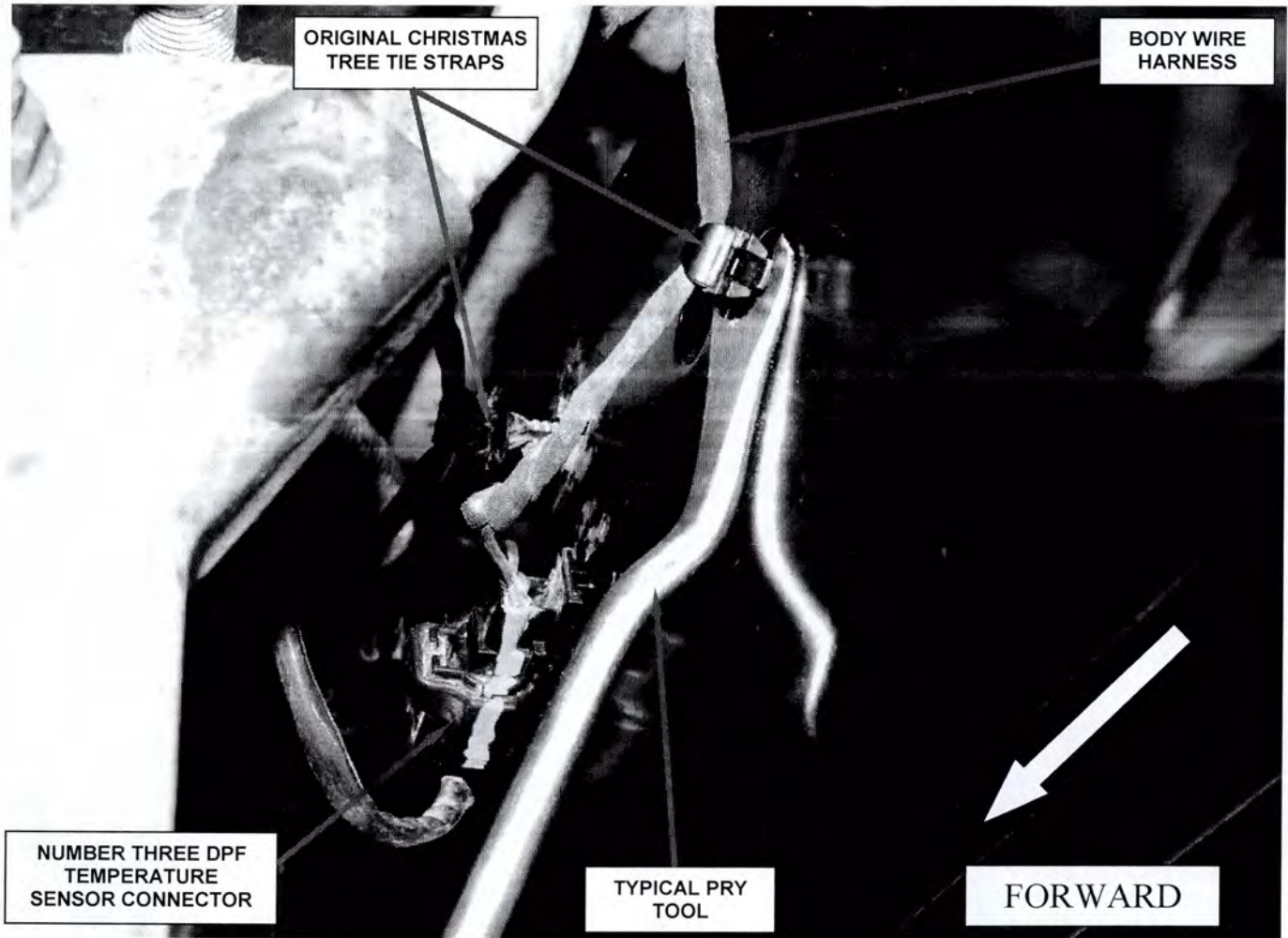


Figure 7 - Detach DPF Temperature Sensor Wire Harness from the Frame Rail

3. Detach the two DPF temperature sensor wire harness Christmas tree tie straps from the frame rail (Figure 7).

4. Cut off and discard the two original Christmas tree tie straps from the DPF temperature sensor wire harness.

Service Procedure (Continued)

5. Disconnect the Christmas tree tie strap from the top of the frame rail (Figure 8).
6. Disconnect the marked and unmarked DPF temperature sensor electrical connectors from the body wire harness connectors (Figure 9).

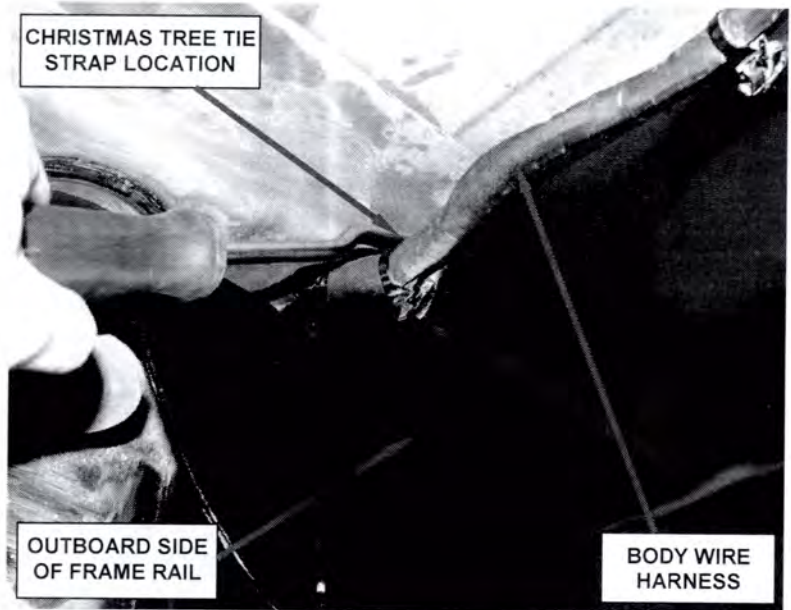


Figure 8 – Detach Christmas Tree Tie Strap From Top of Frame

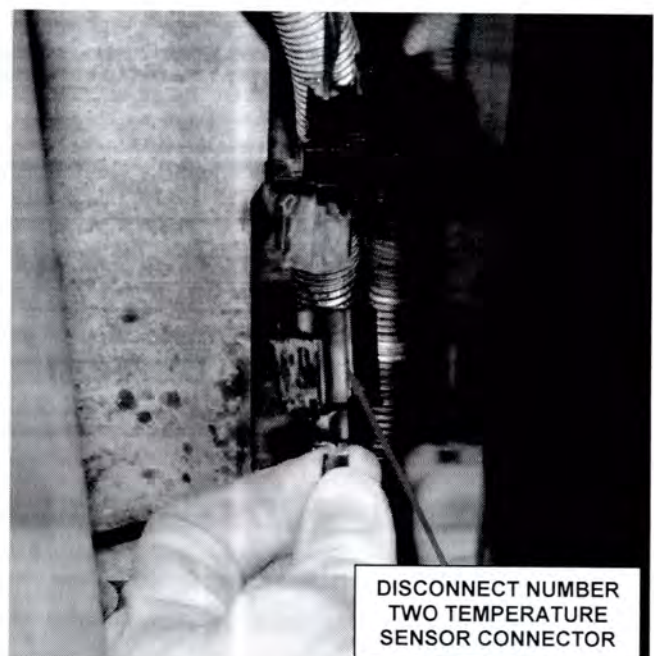
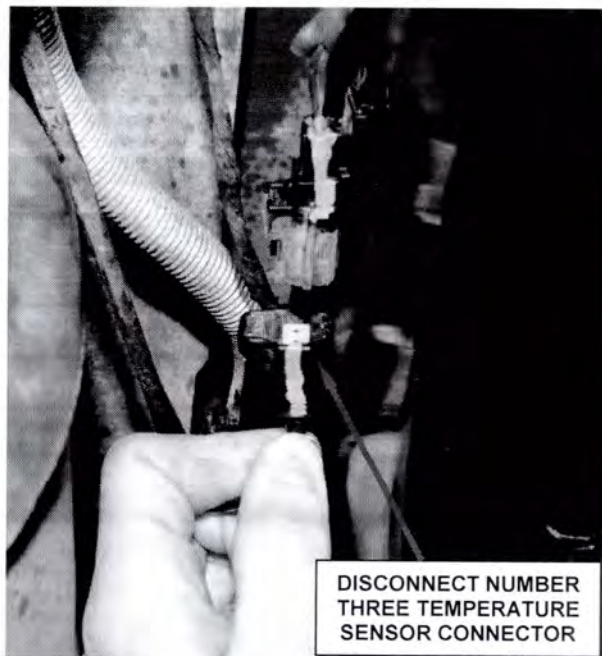


Figure 9 – Disconnect the Marked and Unmarked DPF Electrical Connectors

Service Procedure (Continued)

7. Connect the marked body wire harness connector to the unmarked DPF temperature sensor electrical connector (Figure 10).
8. Connect the unmarked body wire harness connector to the marked DPF temperature sensor electrical connector (Figure 10).
9. Secure the DPF temperature sensor electrical connector wires to the frame rail.
10. Continue with **Section C. DPF Orientation Verification Test.**

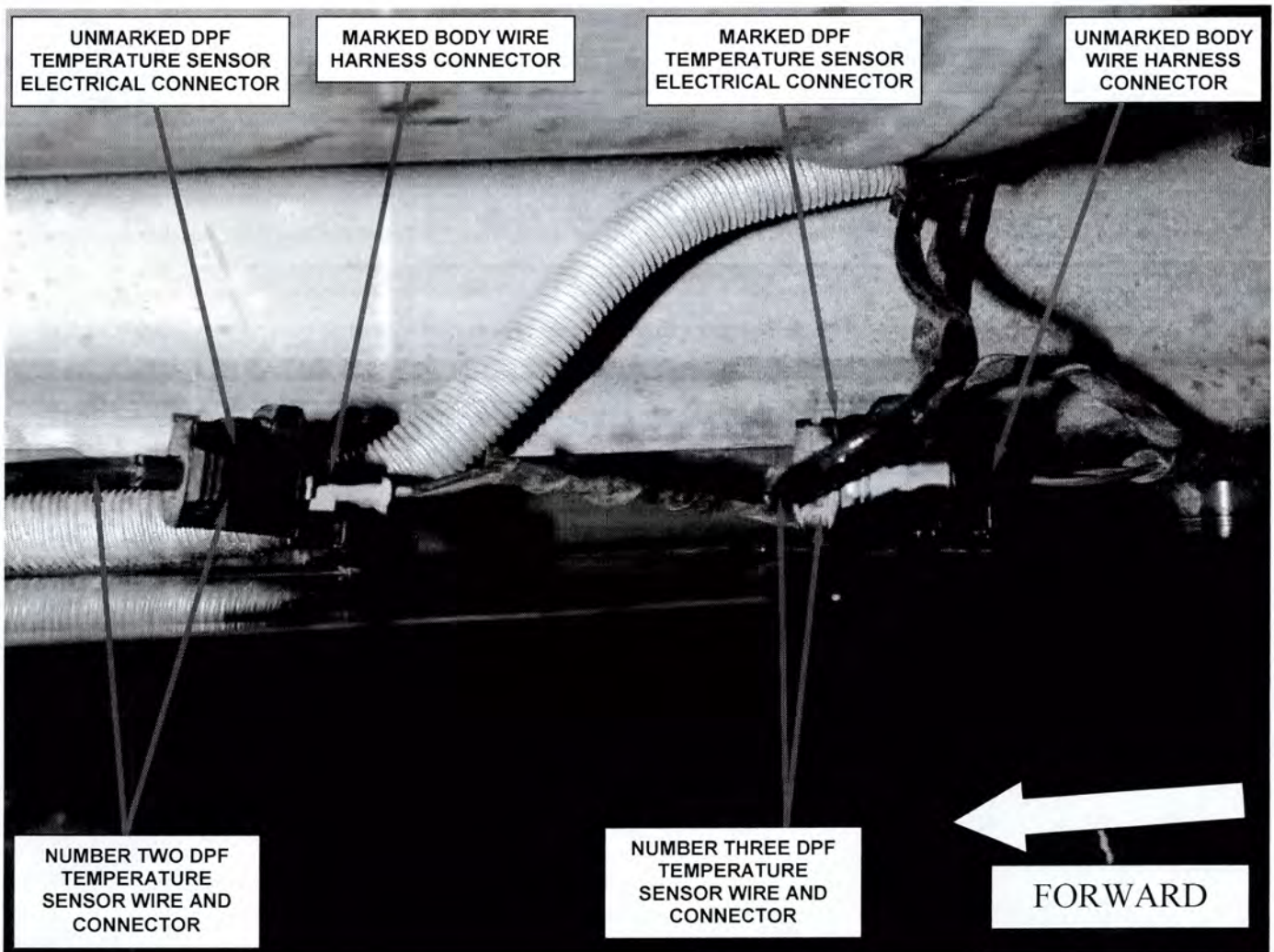


Figure 10 - Correctly Connected DPF Electrical Connectors and Wire Harness

Service Procedure (Continued)**C. DPF Orientation Verification Test**

1. Disconnect the number three DPF temperature sensor electrical connector (Figure 5 or 10).
2. Lower the vehicle from the hoist.
3. Connect the wiTECH scan tool to the vehicle and start a wiTECH session.
4. Check for Diagnostic Trouble Codes (DTC's):
 - If DTC code **P242D** (Exhaust Gas Temperature Sensor Circuit High – Bank 1 **Sensor 3**) is present, the repair was done correctly. Continue with Step 5 of this procedure.
 - If DTC code **P2033** (Exhaust Gas Temperature Sensor Circuit High – Bank 1 **Sensor 2**) is present, the DPF electrical connectors are still installed incorrectly. Repeat Section A. of this recall.
5. Lift the vehicle on the hoist and reconnect the number three DPF temperature sensor electrical connector to the body wire harness (Figure 5 or 10).
6. Lower the vehicle from the hoist.
7. Using the wiTECH scan tool, clear all DTC's.
8. Remove the wiTECH scan tool from the vehicle.
9. **For California vehicles**, continue with **Section D. Complete Proof of Correction Form for California Residents**. All other vehicles, return the vehicle to the customer.

Service Procedure (Continued)

D. Complete Proof of Correction Form for California Residents:

This recall is subject to the State of California Registration Renewal/Emissions Recall Enforcement Program. Complete a Vehicle Emission Recall Proof of Correction Form (Form No. 81-016-1053) and **supply it to vehicle owners residing in the state of California** for proof that this recall has been performed when they renew the vehicle registration.

Completion Reporting and Reimbursement

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims submitted will be used by Chrysler Group LLC to record recall service completions and provide dealer payments.

Use one of the following labor operation numbers and time allowances:

	Labor Operation <u>Number</u>	Time <u>Allowance</u>
Reconfigure DPF wire connector orientation	08-P3-51-82	0.3 hours

Add the cost of the recall parts package plus applicable dealer allowance to your claim.

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

Dealer Notification

To view this notification on DealerCONNECT, select “Global Recall System” on the Service tab, then click on the description of this notification.

Owner Notification and Service Scheduling

All involved vehicle owners known to Chrysler are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A generic copy of the owner letter is attached.

Enclosed with each owner letter is an Owner Notification postcard to allow owners to update our records if applicable.

Vehicle Lists, Global Recall System, VIP and Dealer Follow Up

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner's name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “**Service**” tab and then click on “**Global Recall System.**” Your dealer's VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

Dealers must perform this repair on all unsold vehicles before retail delivery. Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.

Additional Information

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services / Field Operations
Chrysler Group LLC



IMPORTANT EMISSIONS RECALL

P35

This notice applies to your vehicle (VIN: xxxxxxxxxxxxxxxxxxxx).

Dear: (Name)

Chrysler has determined that some **2013 RAM trucks** equipped with a 6.7L Cummins turbo diesel engine may release air pollutants which exceed Federal and/or California Oxides of Nitrogen (NOx) standards.

The problem is... **The Diesel Particulate Filter (DPF) temperature sensor electrical connectors on your truck may have been connected to the incorrect body wiring harness electrical connectors. This can cause tailpipe emissions of oxides of nitrogen (NOx) to exceed the Federal and California emissions standard.**

What your dealer will do... **Chrysler will repair your vehicle free of charge (parts and labor).** To do this, your dealer will reconfigure the DPF temperature sensor wire harness connectors. The work will take about ½ hour to complete. However, additional time may be necessary depending on service schedules.

What you must do... Simply **contact your dealer** right away to schedule a service appointment. Ask the dealer to hold the parts for your truck.

If you need help... If you have questions or concerns which your dealer is unable to resolve, please contact the Chrysler Group Recall Assistance Center at 1-800-853-1403.

California residents... **The State of California requires the completion of emission recall repairs prior to vehicle registration renewal.** Your dealer will provide you with a Vehicle Emission Recall Proof of Correction Form after the recall service is performed. Be sure to save this form since the California Department of Motor Vehicles may require that you supply it as proof that the recall has been performed.

Please help us update our records by filling out the attached prepaid postcard, if any of the conditions listed on the card apply to you or your vehicle. You may also update this information on the web at
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If you have already experienced this condition and have paid to have it repaired, you may send your original receipts and/or other adequate proof of payment to the following address for reimbursement: Chrysler Recall Customer Assistance, P.O. Box 21-8007, Auburn Hills, MI 48321-8007, Attention: Reimbursement.

In order to ensure your full protection under the emission warranty provisions, it is recommended that you have your vehicle serviced as soon as possible. Failure to do so could legally be determined to be a lack of proper maintenance of your vehicle. Further, without this repair, your vehicle may fail a state or local emission inspection test.

We are sorry for any inconvenience but trust that you understand our interest in clean air. Thank you for your attention to this important matter.

Customer Services / Field Operations
Chrysler Group LLC