



February 22, 2008

Mr. Daniel Smith  
Associate Administrator, Safety Assurance  
National Highway Traffic Safety Administration  
1200 New Jersey Ave. S.W.  
Washington, D.C. 20590

Dear Mr. Smith:

Reference: NHTSA Identification Number 07V-594

Enclosed are representative copies of communications relating to the 2007 model year vehicles involved in the referenced recall. Chrysler expects to notify dealers during the week of February 25, 2008 and to begin owner notification during the week of March 3, 2008. The exact number of manufactured vehicles in the recall is 6,065.

The involved Vehicle Identification Number range is:

<u>Low</u>	<u>High</u>
75113995	75201293
79308949	79339686

(VIN last eight characters) (first digit in VIN's above) - 7 = 2007 model year; (second digit in VIN's above) 5 = Dusseldorf Assembly Plant, Germany; 9 = Ludwigsfelde Assembly Plant, Germany; and the last six digits = sequential number.

**We caution that the above range represents only the lowest and highest VIN sequential numbers included in the recall. This range cannot be used to determine conclusively that a vehicle is involved in the recall because most vehicles with a VIN within the range are not affected by the recall.**

This completes Chrysler's package of information for this recall as required by the Defects Report Regulation.

Sincerely,

Stephan J. Speth, Director  
Vehicle Compliance and Safety Affairs

Enclosure: Dealer and Owner Letter for Recall H02

cc: K.C. DeMeter



February 2008

Dealer Service Instructions for:

## **Safety Recall N02**

### **Crankshaft Position Sensor**

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#### **Models**

2007 (VB) Dodge Sprinter

2007 (VB) Freightliner Sprinter

*NOTE: This recall applies only to some of the above vehicles equipped with a 3.0L diesel engine ("5" in the 8<sup>th</sup> VIN position). Involved vehicles can be determined by using the VIP or GRS DealerCONNECT functions.*

**IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery.** Dealers should also consider this requirement to apply to used vehicle inventory and should perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

#### **Subject**

The crankshaft position sensor on about 6,000 of the above vehicles may have been manufactured incorrectly. This could cause the vehicle's engine to stall or not start under certain conditions. Engine stalling could cause a crash without warning.

#### **Repair**

The crankshaft position sensor must be replaced on all vehicles.

**Parts Information**

<u>Part Number</u>	<u>Description</u>
CBA1H020	Sensor, Crankshaft Position

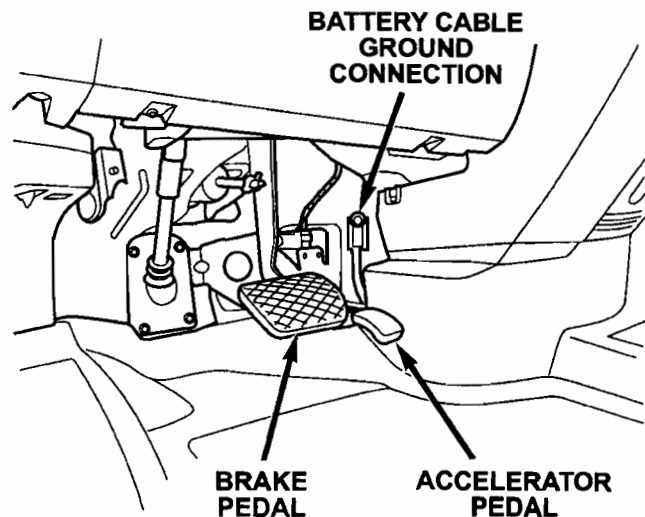
**Each dealer** to whom vehicles in the recall were assigned will receive enough Crankshaft Position Sensors to service about 20% of those vehicles.

**Service Procedure**

1. Disconnect and isolate the negative battery cable ground connection located under the instrument panel, next to the accelerator pedal. **This will disconnect the main battery located under the floor pan** (Figure 1).

**NOTE:** Some Sprinters are equipped with two batteries. The main battery is located in a battery compartment under the floor pan and the auxiliary battery is located in the engine compartment. The auxiliary battery has a relay wired into the positive cable circuit that connects the auxiliary battery to the vehicle's electrical system only when the engine is running. There is no need to disconnect the under hood battery.

2. Lift the vehicle on an appropriate hoist.



**Figure 1**

**Service Procedure (Continued)**

3. Using compressed air, clean any debris that may have collected around the crankshaft position sensor (Figure 2).
4. Disconnect the electrical connector located on the crankshaft position sensor (Figure 2).
5. Using an E8 female Torx<sup>®</sup> socket (Snap-on<sup>®</sup> TLE80A or equivalent), remove the crankshaft position sensor retaining bolt.
6. Remove and discard the original crankshaft position sensor.

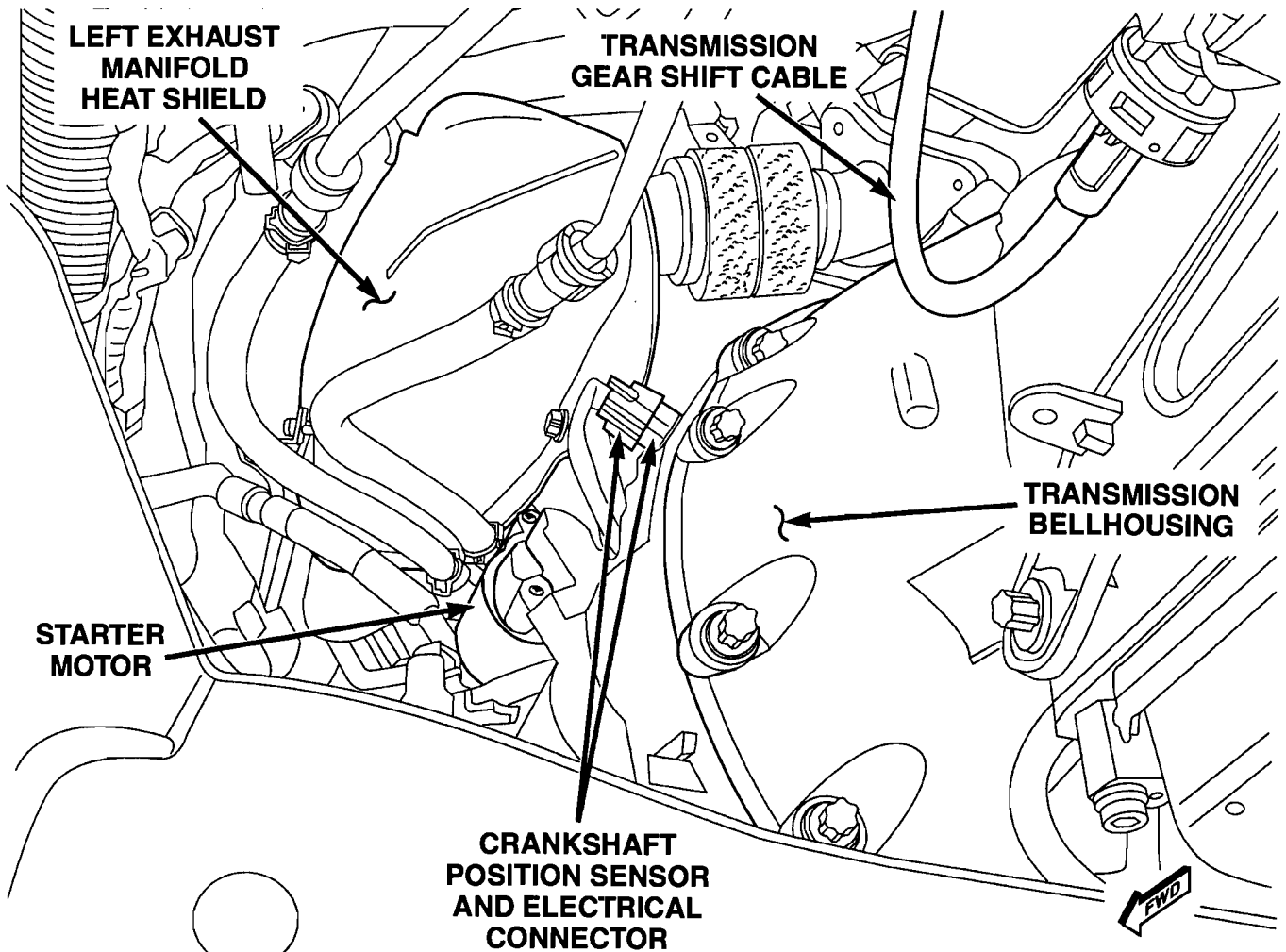


Figure 2 – View from Under Vehicle (Left Side)

**Service Procedure (Continued)**

7. Install the new crankshaft position sensor.
8. Install the crankshaft position sensor retaining bolt. Tighten the bolt to 80 in. lbs. (9 N·m).
9. Connect the crankshaft position sensor wiring harness to the crankshaft position sensor (Figure 2).
10. Lower the vehicle from the hoist.
11. Connect the negative battery cable ground connection (Figure 1).

**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 to record recall service completions and provide dealer payments.

Use the following labor operation number and time allowance:

	<b>Labor Operation Number</b>	<b>Time Allowance</b>
Replace Crankshaft Position Sensor	08-H0-21-82	0.2 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**

All dealers will receive one copy of this dealer recall notification letter by mail. 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



## SAFETY RECALL H02 – CRANKSHAFT POSITION SENSOR

Dear: (Name)

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

Chrysler has decided that a defect, which relates to motor vehicle safety, exists in some **2007 model year Dodge and Freightliner Sprinter vehicles equipped with a 3.0L diesel engine.**

***The problem is...***     **The crankshaft position sensor on your vehicle (VIN: xxxxxxxxxxxxxxxxxxx) may have been manufactured incorrectly. This could cause the vehicle's engine to stall or not start under certain conditions. Engine stalling could cause a crash without warning.**

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

***What you must do to ensure your safety...***     **Simply contact your dealer right away to schedule a service appointment. Ask the dealer to hold the part for your vehicle or to order it before your appointment. Remember to bring this letter with you to your dealer.**

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

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.

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 P.O. Box 4639 Oak Ridge, TN 37831, Attention: Reimbursement.

If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to <http://www.safercar.gov>.

We're sorry for any inconvenience, but we are sincerely concerned about your safety. Thank you for your attention to this important matter.

Customer Services Field Operations  
Chrysler  
Notification Code H02

*Buckle up  
for Safety!*

Note to lessors receiving this recall: Federal regulation requires that you forward this recall notice to the lessee within 10 days.