



June 19, 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 08V-110

Enclosed are representative copies of communications relating to the 2007 and 2008 model year vehicles involved in the referenced recall. Chrysler expects to notify dealers during the week of June 23, 2008 and to begin owner notification during the week of *June 30, 2008*. The exact number of manufactured vehicles in the recall is 31.

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

Sincerely,

A handwritten signature in black ink that reads "Stephan J. Speth".

for Stephan J. Speth, Director  
Vehicle Compliance and Safety Affairs

Enclosure: Dealer and Owner Letter for Recall H10

cc: K.C. DeMeter



**CHRYSLER**

June 2008

Dealer Service Instructions for:

# **Safety Recall H10**

## **Brake Master Cylinder and Fluid Reservoir**

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### **Models**

2007-2008 (VB) Dodge Sprinter 3500

2007-2008 (VB) Freightliner Sprinter 3500

*NOTE: This recall applies only to the above vehicles built from September 14, 2006 through November 20, 2007 (MDH 091401 through 112001).*

**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**

An incorrect brake master cylinder and/or fluid reservoir may have been installed on about 30 of the above vehicles. This could increase the vehicle's stopping distance and cause a crash without warning.

### **Repair**

The brake master cylinder and brake fluid reservoir must be replaced.

**Parts Information**

<u>Part Number</u>	<u>Description</u>
68005054AA	Cylinder, Master
68005056AA	Reservoir, Master Cylinder Brake Fluid
68005058AA	O-Ring, Master Cylinder-to-Brake Booster
04549625AC	Fluid, Brake & Clutch DOT 4 (12 oz. bottle)

**NOTE:** The Minimum Sales Quantity (MSQ) for brake fluid is 24 bottles.

Due to the small number of involved vehicles, no parts will be distributed initially.

**Special Tools**

**The following special tools are required to perform this repair:**

- 8822           Bleeder Tube Adapters
- 8358           Bleeder Hoses

**Service Procedure**

1. Remove the brake fluid level switch electrical connector (Figure 1).
2. Place a small drain pan under the master cylinder.
3. Disconnect the brake tubes from the master cylinder and seal off the ends of the brake tubes with plugs.
4. Remove and save the two master cylinder mounting nuts.
5. Remove the original master cylinder and fluid reservoir.

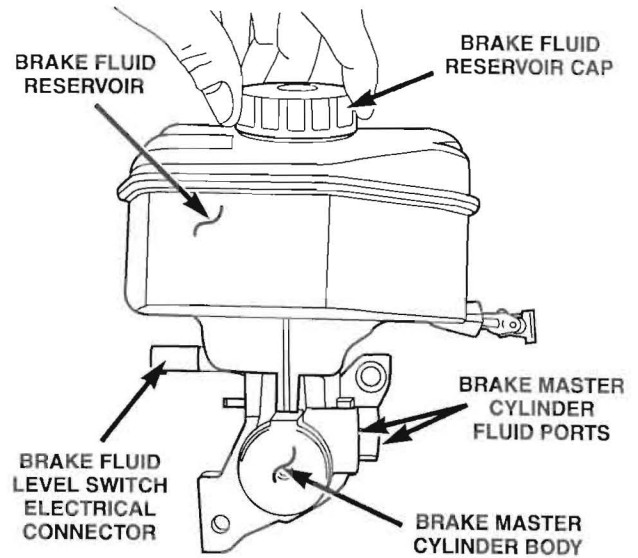


Figure 1

**CAUTION: Use extreme care to avoid spilling brake fluid onto painted surfaces of the vehicle. Brake fluid may cause paint damage.**

6. Transfer the brake fluid strainer located under the original reservoir fill cap to the new master cylinder fluid reservoir.
7. Remove and save the brake fluid reservoir retaining bolt located on the side of the master cylinder body (Figure 2).
8. Discard the original master cylinder and reservoir assembly.

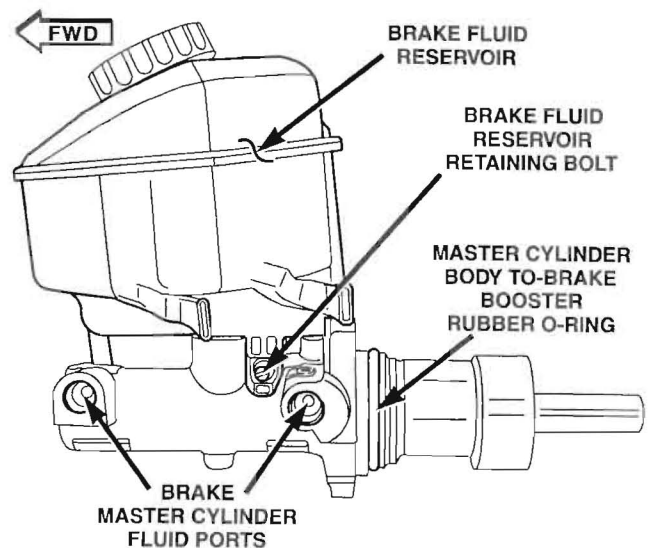
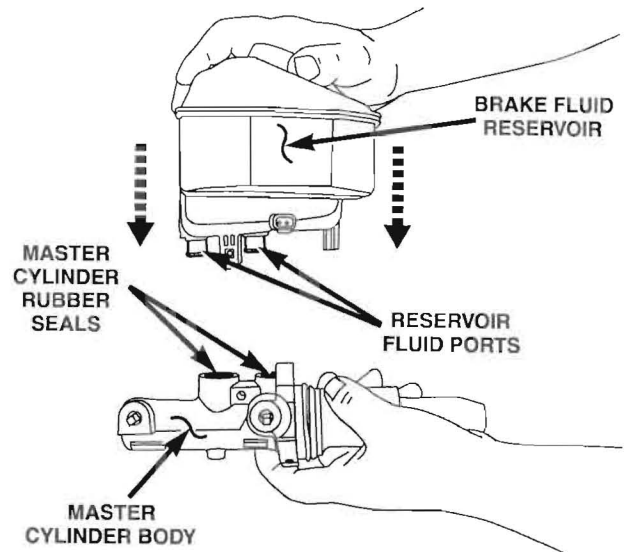


Figure 2

**Service Procedure (Continued)**

9. Install the new master cylinder fluid reservoir onto the new master cylinder body using the following procedure:
  - a. Lightly coat the rubber seals in the master cylinder and the fluid ports on the reservoir with DOT 4 brake fluid.
  - b. Carefully press the brake fluid reservoir onto the master cylinder body (Figure 3).
  - c. Install the brake fluid reservoir retaining bolt. Tighten the retaining bolt securely (Figure 2).

**Figure 3**

10. Carefully install the new master cylinder body-to-brake booster rubber o-ring (Figure 2).

**Service Procedure (Continued)**

11. Bench bleed the new master cylinder using the following procedure:
  - a. Mount the master cylinder in vise (Figure 4).
  - b. Attach bleeder tube adapters (Miller Special Tool 8822) into the fluid ports on the master cylinder body (Figure 4).
  - c. Install bleeder hoses (Miller Special Tool 8358) to the adapters that were installed in Step 11b (Figure 4).
  - d. Place the open end of the bleeder hoses into a half filled bottle of DOT 4 brake fluid (Figure 4). Be sure that the hose ends are totally submerged in brake fluid.
  - e. Fill the master cylinder reservoir with fresh DOT 4 brake fluid.

**CAUTION: Use Mopar Brake & Clutch Fluid, part number 04549625AC, or equivalent. DO NOT USE DOT 3 BRAKE FLUID.**

- f. Press the master cylinder piston rod inward with a wood dowel. Then release the master cylinder piston rod and allow it to return under spring pressure. Continue the bleeding operation until there are no air bubbles in the brake fluid.

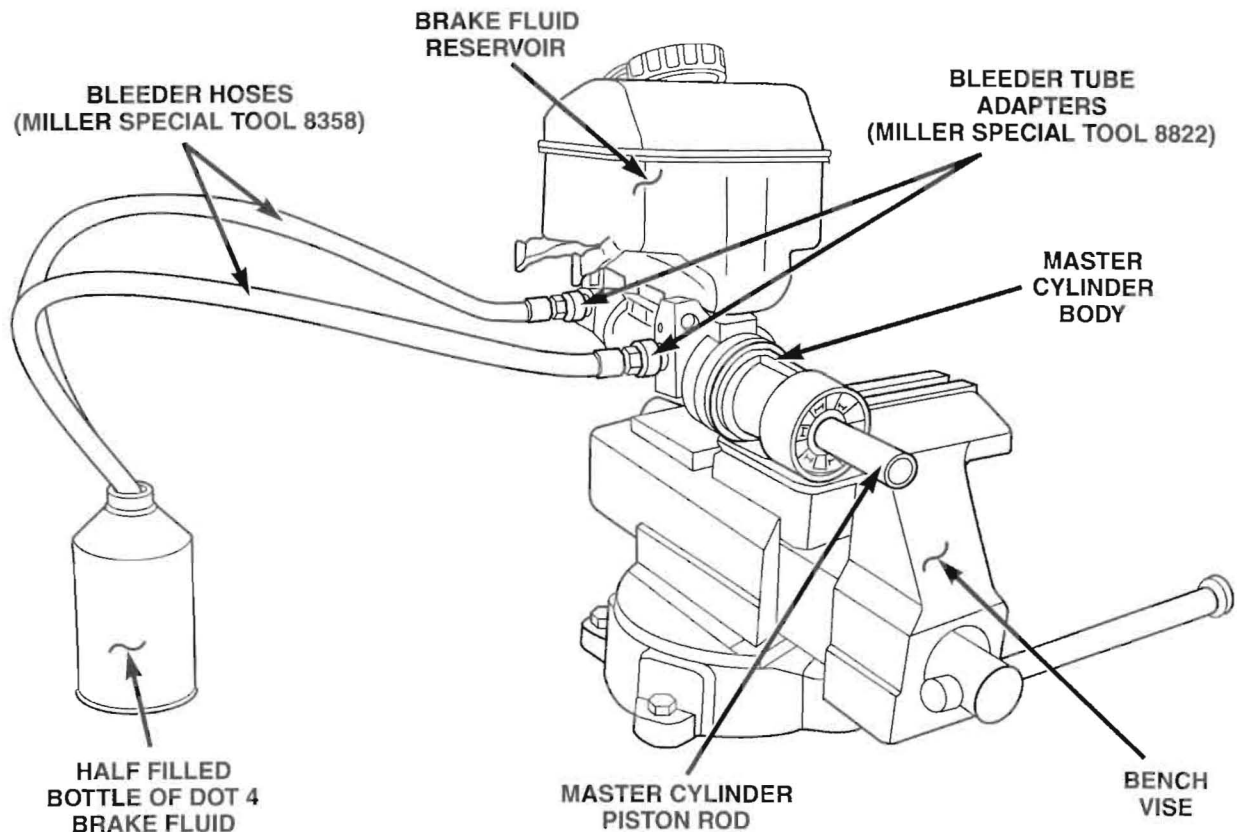


Figure 4

**Service Procedure (Continued)**

12. With the bleed hoses still attached, install the new master cylinder to the brake booster. Install the master cylinder mounting nuts and tighten the nuts to 20 ft. lbs. (28 N·m).

**CAUTION: Use extreme care to avoid spilling brake fluid onto painted surfaces of the vehicle. Brake fluid may cause paint damage.**

13. Remove the front bleed hose and adapter from the front port of the master cylinder.
14. Connect the front brake tube to the front port of the master cylinder and tighten until there is no fluid leaking from the connection.
15. Remove the rear bleed hose and adapter from the rear port of the master cylinder.
16. Connect the rear brake tube to the rear port of the master cylinder and tighten until there is no fluid leaking from the connection.
17. Bleed the brake system using the following procedure:
  - a. Fill the master cylinder reservoir with DOT 4 brake fluid.
  - b. Have an assistant pump the brake pedal several times and then press and hold the brake pedal down.
  - c. While the assistant is holding the brake pedal down, loosen the front master cylinder brake tube nut  $\frac{1}{4}$  turn for two seconds and then retighten the tube nut.
  - d. Repeat Steps 13a through 13c for the rear master cylinder brake tube nut.
18. After both brake circuits have been bled, tighten the master cylinder brake tube nuts to 124 in. lbs. (14 N·m).
19. Remove the small drain pan located under the master cylinder.
20. Reconnect the brake fluid level switch electrical connector.
21. Check brake fluid level and add DOT 4 brake fluid as required.
22. Verify that there are no brake fluid leaks and that the brakes operate properly.

## 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 master cylinder and brake fluid reservoir	05-H1-01-82	0.7 hours

Add the cost of the recall parts 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.

Dealers are encouraged to consider alternative scheduling and servicing approaches for this recall. This repair does not require hoists or other full service facility special equipment and is a Chrysler Mobile Service approved repair.

**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 H10 – BRAKE MASTER CYLINDER AND FLUID RESERVOIR

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 and 2008 model year 3500 series Dodge and Freightliner Sprinter vehicles.**

***The problem is...*** An incorrect brake master cylinder and/or fluid reservoir may have been installed on your vehicle (VIN: xxxxxxxxxxxxxxxxxxxx). This could increase the vehicle's stopping distance and 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 brake master cylinder and fluid reservoir. The work will take about 1 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 parts for your vehicle or to order them 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 Recall Customer Assistance, P.O. Box 21-8007, Auburn Hills, MI 48321-8007, 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 H10

*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.