

E-MAILED

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*Posted on Workhorse
WOW 10-28-13 JH*

Compliance Dept.

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SERVICE PROCEDURE

51302-C

October 2013

SUBJECT: SAFETY RECALL

Brake Fluid Level Indicator switch on certain W42 and W62 Workhorse Custom Chassis® models built 13 July 2012 through 12 October 2012 with hydraulic brakes.

DEFECT DESCRIPTION

The brake fluid level indicator (FLI) switch may move outward after assembly, and the float magnet may fail to activate the indicator lamp. If the FLI switch is out of position, the driver may not get a warning if the fluid level is low. Low brake fluid level may reduce hydraulic pressure to the disc brake calipers or wheel cylinders and can increase stopping distance. Longer stopping distance may contribute to an accident that could result in property damage, personal injury, or death.

MODELS INVOLVED

This Safety Recall includes certain W42 and W62 Workhorse Custom Chassis® models built 13 July 2012 through 12 October 2012 with hydraulic brakes.

PARTS INFORMATION

Part Number	Part Description	Quantity
Workhorse # W8907350 (Bosch # 0 204 808 107)	Fluid Level Indicator Switch	1

SERVICE PROCEDURE

WARNING! PARK VEHICLE ON HARD FLAT SURFACE, TURN THE ENGINE OFF, SET THE PARKING BRAKE AND BLOCK THE WHEELS TO PREVENT THE VEHICLE FROM MOVING IN BOTH DIRECTIONS. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY AND / OR DEATH.

WARNING! IF THE VEHICLE MUST BE RAISED, DO NOT WORK UNDER THE VEHICLE SUPPORTED ONLY BY JACKS. JACKS CAN SLIP OR FALL OVER, POTENTIALLY RESULTING IN PROPERTY DAMAGE, PERSONAL INJURY AND / OR DEATH.

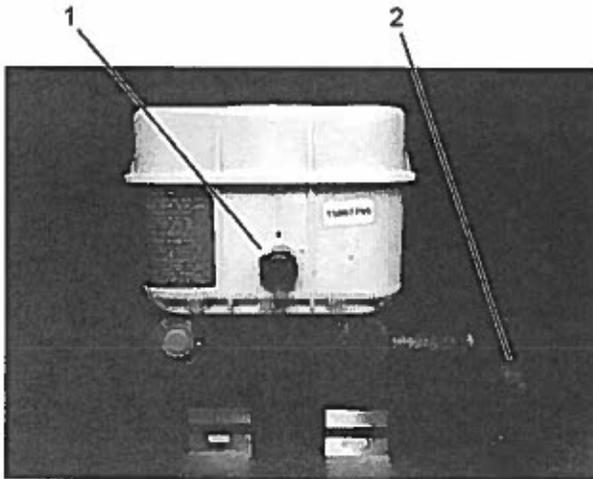
WARNING! ALWAYS WEAR SAFE EYE PROTECTION WHEN PERFORMING VEHICLE MAINTENANCE. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND / OR DEATH.

WARNING! ALLOW COMPONENTS IN ENGINE COMPARTMENT TO COOL BEFORE SERVICING ENGINE OR VEHICLE. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY AND / OR DEATH.

WARNING! KEEP FLAMES OR SPARKS AWAY FROM VEHICLE AND DO NOT SMOKE WHILE SERVICING THE VEHICLE'S BATTERIES. BATTERIES EXPEL EXPLOSIVE GASES. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, AND / OR DEATH.

WARNING! REMOVE THE GROUND CABLE FROM THE NEGATIVE TERMINAL OF THE BATTERY BOX BEFORE DISCONNECTING ANY ELECTRICAL COMPONENTS. ALWAYS CONNECT THE GROUND CABLE LAST. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, AND / OR DEATH.

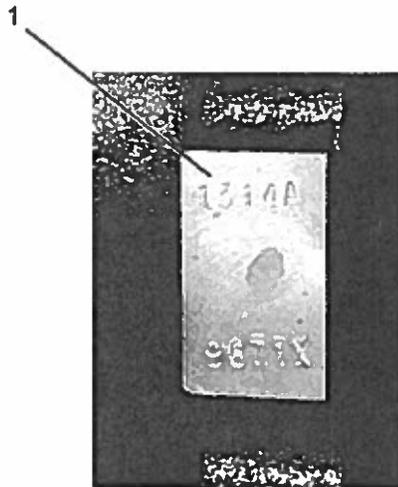
1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to park or neutral and set parking brakes.
3. Install wheel chocks.
4. Unlatch and open hood.



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Figure 1. Master Cylinder.

1. FLI switch
2. Julian date



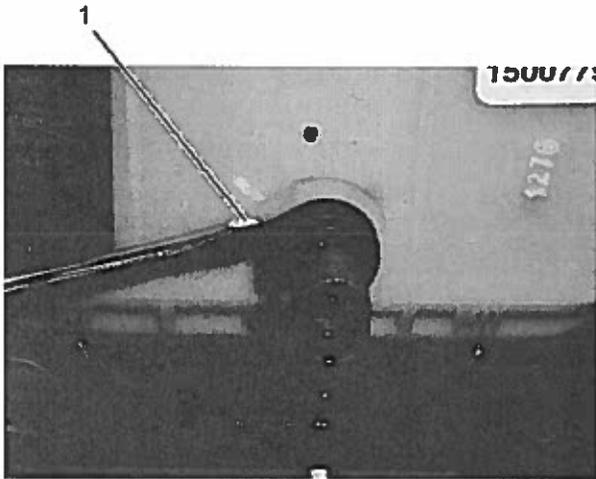
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Figure 2. Julian Date on Master Cylinder Body.

1. Julian date

5. Inspect Julian date stamped in master cylinder body. (Figure 1, Item 2).
 - A. If Julian date (Figure 2, Item 1) is 1182 through 2103, proceed to Step 6.
 - B. If Julian date does not fall within 1182 through 2103, proceed to step 16.

6. Remove vehicle harness connector from FLI switch.

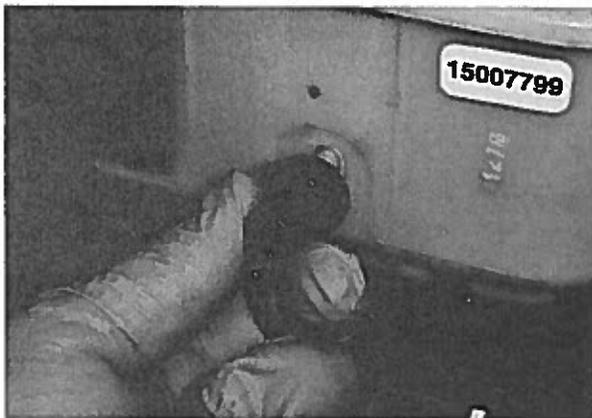


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Figure 3. Gray FLI Switch Removal.

1. Screwdriver

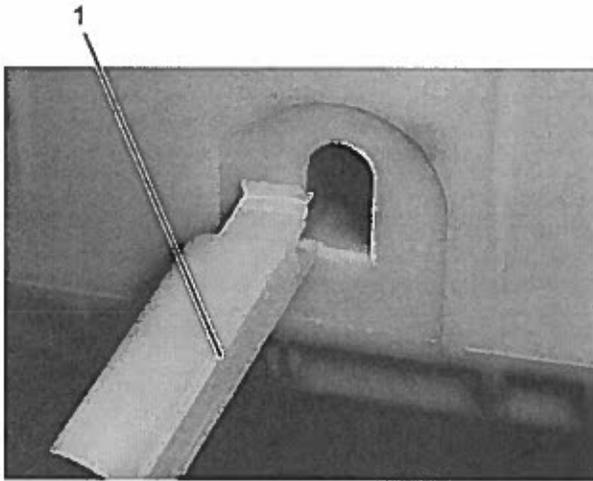
7. Using flat screwdriver (Figure 3, Item 1), insert screwdriver tip between reservoir body and face of gray FLI switch.



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Figure 4. Gray FLI Switch.

8. Twist screwdriver until FLI switch breaks free, and remove FLI switch (Figure 4).



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Figure 5. Brown FLI Switch Installation.

1. Brown FLI switch flat bottom
9. Insert brown FLI switch with flat side (Figure 5, Item 1) down and locking tab at left of reservoir cavity face.
10. Push brown FLI switch inward until retaining tangs engage, causing an audible click.
11. Lightly pull FLI switch outward to verify tang engagement. Then push back into place.
12. Plug vehicle harness connector back into FLI switch, making sure connector snaps over and engages tab on FLI switch.
13. Check reservoir brake fluid level and add fluid if necessary.
14. Turn ignition to ON position and verify dash panel warning lamp does not stay illuminated after "bulb" test.
15. Turn ignition to OFF position.
16. Close and latch hood.
17. Remove wheel chocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation Number	Description	Time
T5026	Inspection Only	0.3 hrs
T5026-A	Replace FLI Switch	0.1 hrs

CAMPAIGN IDENTIFICATION LABEL

Each vehicle corrected in accordance with this campaign must be marked with a CTS-1075 Campaign Identification Label.

Complete the label and attach on a clean surface next to the VIN plate on the radiator core support.



DO NOT REMOVE

INTERNATIONALAC

Campaign No. _____

VIN _____
Eng.# _____

COMPLETED

Service Location Code # _____

DO NOT REMOVE

ADMINISTRATIVE / DEALER RESPONSIBILITIES

WARRANTY CLAIMS

Warranty claim expense is to be charged to warranty. Claims are to be submitted in the normal manner in the Workhorse WOW system, making reference to Safety Recall 51302-C.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Workhorse Warranty Policy Manual, section 1.

As with all claim submissions, items acquired locally must be submitted in the "Other Charges" tab. The cost of any bulk items (such as a bag of cable tie straps, a roll of wire, a barrel of oil, or a tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

UNITED STATES AND POSSESSIONS

The National Traffic and Motor Vehicle Safety Act, as amended, provides that each vehicle that is subject to a vehicle recall campaign must be adequately repaired within a reasonable time after the owner has tendered it for repair. A failure to adequately repair within 60 days after a tender of a vehicle is prima

facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within 60 days, the owner may be entitled to replacement with an identical or reasonable equivalent vehicle at no charge, or to a refund of the purchase price less a reasonable allowance for depreciation.

Dealers must correct all vehicles subject to this campaign at no charge to the owner, regardless of mileage, age of vehicle, or ownership, from this time forward.

Dealers should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your dealer location.

Dealers must make every effort to promptly schedule an appointment with each owner to repair his or her vehicle as soon as possible. However, consistent with the customer notification, dealers are expected to complete the repairs on the mutually agreed upon service date.

Dealers involved in the recall process will be furnished a listing of owner names and addresses to enable them to follow up with owners and have the vehicles corrected. Use of this listing must be limited to this campaign because the list may contain information obtained from state motor vehicle registration records, and the use of such motor vehicle registration data for purposes other than this campaign is a violation of law in several states.

CANADA

Dealers must correct all vehicles subject to this campaign at no charge to the owner, regardless of mileage, age of vehicle, or ownership, from this time forward.

Dealers should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your dealer location.

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Dealers involved in the recall process will be furnished a listing of owner names and addresses to enable them to follow up with owners and have the vehicles corrected. Use of this listing must be limited to this campaign because the list may contain information obtained from state motor vehicle registration records, and the use of such motor vehicle registration data for purposes other than this campaign is a violation of law in several states.

EXPORT

Export Distributors should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your distributor location.

Export Distributors are to submit warranty claims in the usual manner making reference to this recall number.

Export Distributors are expected to provide full cooperation and follow-up with respect to this important subject matter. If you have any questions or need further assistance, please contact the Regional Service Manager at your regional office.

NAVISTAR, INC.