



U.S. Department  
of Transportation  
**National Highway  
Traffic Safety  
Administration**

1200 New Jersey Avenue SE  
Washington, DC 20590

June 16, 2009

MR. DAVID M. MIHALICK  
STANDARDS COMPLIANCE MANAGER  
THOR INDUSTRIES, INC.  
419 WEST PIKE STREET  
PO BOX 629  
JACKSON CENTER, OH 45334-0629

NVS-215dgl  
09V-225

**SUBJECT: OVERHEATED BRAKE CALIPERS/BOSCH/WORKHORSE**

**DEAR MR. MIHALICK:**

This letter serves to acknowledge Damon Corporation's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety defect in the products described below for which a safety recall campaign shall be conducted pursuant to Federal law.

Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

DAMON/CHALLENGER/2001-2009  
DAMON/DAYBREAK/2007-2010  
DAMON/INTRUDER/2001-2008

**NHTSA Campaign Number:** 09V-225

**Mfg's Report Date:** June 12, 2009

**Components:** SERVICE BRAKES, HYDRAULIC

**Potential Number of Units Affected:** 2,415

**Summary:**

DAMON IS RECALLING 2,415 MOTORHOMES EQUIPPED WITH AXLES THAT INCLUDE BOSCH ZOPS OR ZOHT PIN SLIDE HYDRAULIC DISC BRAKES. WHEN COMBINED WITH OCCASIONAL OR SEASONAL VEHICLE OPERATION MAY EXPERIENCE CALIPERS STICKING IN THE APPLIED POSITION. THIS CAN RESULT IN ABNORMAL HEAT GENERATION AT THE WHEEL END CAUSING BRAKE DRAG.

**Consequence:**

THE DRIVER WOULD NORMALLY DETECT THE BRAKE DRAG BUT IF UNDETECTED THE TEMPERATURE INCREASE AT THE WHEEL END CAN EVENTUALLY LEAD TO SOFT PEDAL CONDITIONS DUE TO BRAKE FLUID BOIL, AND POSSIBLE EXTENDED STOPPING DISTANCE INCREASING THE RISK OF A CRASH.

**Remedy:**

DEALERS WILL INSPECT AND REPLACE THE NECESSARY COMPONENTS FREE OF CHARGE. WORKHORSE IS HANDLING THE REMEDY AND OWNER NOTIFICATION FOR THIS CAMPAIGN PLEASE SEE 09V-110. OWNERS MAY CONTACT WORKHORSE AT 877-246-7731.

**Notes:**

CUSTOMERS MAY ALSO CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S VEHICLE SAFETY HOTLINE AT 1-888-327-4236 (TTY 1-800-424-9153), OR GO TO [HTTP://WWW.SAFERCAR.GOV](http://www.safercar.gov).

This recall was the subject of an Engineering Analysis, EA07-016, conducted by the Office of Defects Investigation.

The information in your defect report appears to satisfy the requirements of 49 CFR 573.6.

Please provide the following additional information and be reminded of the following requirements:

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in your report, Workhorse will be handling the owner notification, remedy, and quarterly reporting for this campaign. However, please be advised that 49 CFR 573.6 provides that the vehicle manufacturer is responsible for any safety related defect or any noncompliance in the vehicle or any item of original equipment. If Workhorse's campaign is not satisfactory, you may be required to conduct a follow-up notification.

Your contact for this recall will be Delia Lopez who may be reached by phone at 202-366-9525, or by email at [Delia.lopez@dot.gov](mailto:Delia.lopez@dot.gov), or through the office email at [RMD.ODI@dot.gov](mailto:RMD.ODI@dot.gov). We look forward to working with you toward a successful completion of this recall campaign.

Sincerely,

A handwritten signature in black ink, appearing to be 'G. Person', with a long horizontal flourish extending to the right.

George H. Person  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement