



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

1200 New Jersey Avenue, SE
Washington, DC 20590

MAY - 4 2012

Mr. Dave Stanley
Product Compliance and Regulatory Affairs
Defect Investigations & Government Reporting
Daimler Trucks North America LLC
4747 N. Channel Avenue
Portland, Oregon 97217-7699

Subject: Request for Extension for Information Requested in PE12-004 --
GRANTED

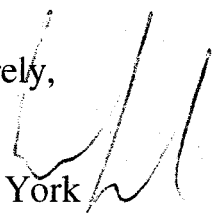
Dear Mr. Stanley:

This letter responds to your May 1, 2012, e-mail request for a 2-week extension for certain information request in PE12-004 from the originally-requested response date of May 7, 2012, to a requested response date of May 21, 2012.

This letter confirms that ODI has granted your request.

Your request outlined certain planned activities that Daimler Trucks North America (DTNA) plans to address during, and beyond, this period. For the record, these planned activities are summarized in Enclosure A.

Sincerely,


Bruce York
Chief, Medium and Heavy Truck Division
Office of Defects Investigation (ODI)
U. S. Dept of Transportation
1200 New Jersey Avenue SE
Washington, DC 20590

Enclosure

Enclosure A
PE12-004
May 4, 2012

Summary of planned actions, PE12-004, provided by DTNA

This letter is to request an extension of the May 7th due date for DTNA's response to the IR related to PE12-004. DTNA request an extension of the due date to May 21st to allow time to review returned material.

DTNA is currently working with Bosch to analyze the subject component per the below test plan provided by Bosch, and needs additional time to adequately analyze any potential defect. Bosch expects to have their testing and analysis completed by June 8th, after which time DTNA will be able to provide an opinion of the alleged defect.

Bosch Test Plan:

Here are the testing and activities planned by Bosch.

A. Analyze the calipers returned from complaint vehicles (4 calipers each from 9 vehicles)

1. The following information will be collected.
 1. Visual evidence of heat damage
 2. Piston and housing date codes
 3. Pressure to actuate the pistons
 4. Piston retraction and knockback
 5. Piston outside diameter
 6. Housing piston bore diameters
1. This activity was begun March 2, 2012.
2. The activity is expected to be completed by May 15, 2012.
3. The goal is to determine the maximum piston diameters and minimum piston-to-bore clearances seen on field returned hardware.
4. Bosch engineering is responsible for this analysis.

B. Run a dynamometer test to determine brake component temperatures at various rotor temperatures

1. A test procedure consisting of 32 snub stops 40-20 mph at 10 f/fps deceleration will be run to heat the rotor to approximately 1000°F

2. The following data will be collected.

1. Rotor temperature
2. Inner and outer lining temperatures
3. Brake fluid temperature
4. Piston temperatures
5. Caliper housing temperatures

1. The test is targeted to begin May 16, 2012(component instrumentation is being done prior to May 16)

2. The testing and data analysis is expected to be completed by June 8, 2012

3. The purpose of the test is to determine the piston and housing temperatures relative to rotor temperature to enable calculation of impact of temperature on piston-to-bore clearance at any given rotor/lining temperature (based on this procedure).

4. Bosch engineering is responsible for this testing and analysis.