



RECEIVED
2008 SEPTEMBER 3 – 9:30 AM
OFFICE OF RECALL
MANAGEMENT DIVISION

CRANE CARRIER COMPANY

The Refuse Vehicle Specialists

September 2, 2008

08V-445
(4 Pages)

Patricia Wallace
National Highway Traffic Safety Administration
Department of Transportation
400 Seventh Street, SW
Washington, DC 20590

Via Email: Patricia.Wallace@dot.gov

Dear Ms. Wallace:

On August 27, 2008, Crane Carrier Company (manufacturer) was notified by our supplier Caterpillar Inc. that a defect related to motor vehicle safety may exist with Aftertreatment Regeneration Device (ARD) Extension Pipes used on Caterpillar C13 Diesel Engines and installed in Crane Carrier vehicles. Caterpillar filed a recall with your office on August 20, 2008. This is our notification to the National Highway Traffic Safety Administration in accordance with 49 CFR, Part 573.6, Defect and Noncompliance Information Report.

Manufacturer: Crane Carrier Company
1925 N. Sheridan Rd.
Tulsa, OK 74158

Contact: Jeffrey L. Carpenter
Director of Service
Phone: (918) 832-7305
Fax: (918) 832-7333

Caterpillar has indicated they will provide customer notification and remedy procedure through their dealer network.

Crane Carrier will provide Caterpillar with vehicle and owner information, subsequent to receiving their list of engine serial numbers involved in this recall.

Crane Carrier, therefore, requests an exemption to the other requirements, customer notification, quarterly reporting, etc., of this recall.

Please let me know if any additional information is necessary.

Sincerely,

Jeffrey L. Carpenter
Director of Service



Caterpillar Inc.
100 NE Adams Street
Peoria, Illinois 61629-7150

August 20, 2008
CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Dan Smith
Associate Administrator
Office of Defects Investigation Enforcement
National Highway Traffic Safety Administration
400 Seventh St. S.W.
Washington, D.C. 20590

Dear Mr. Smith,

In accordance with the requirements of the National Traffic and Motor Vehicle Safety Act and the procedure prescribed in 49 CFR 573, attached is our notification of a safety defect that may exist with the Aftertreatment Regeneration Device Extension Pipes used on certain Caterpillar 2007 and 2008 C13 Diesel Engines.

Please contact me if there are additional requirements regarding this notification.

Very truly yours,

A handwritten signature in black ink, appearing to read "T. S. Lane". The signature is stylized with a large, looped "L" and a cursive "S".

Thomas S. Lane
Engine Product Safety & Compliance Manager
Product Safety & Compliance

Phone (309) 675-6496
Fax (309) 636-2911

TSLane
Rev00 - 9/3/2008

- 1) MANUFACTURER
Caterpillar Inc.
100 N.E. Adams St.
Peoria, IL. 61629-7150
- 2) COMPONENT IDENTIFICATION
Model No.: 2007 and 2008 Model Year C13 Diesel Engines produced by Caterpillar Inc.
Serial No. Prefixes: LEE
Manufacturing Ship Dates: September 12, 2006 to current.
Component Description: Aftertreatment Regeneration Device (ARD) Extension Pipes used on certain 6 cylinder, 13L turbocharged and air-to-air aftercooled diesel engines of 305 - 525 Horsepower.
- 3) NUMBER OF ENGINES POTENTIALLY CONTAINING DEFECT
313 engines shipped as of August 18, 2008.
- 4) ESTIMATED PERCENTAGE OF ENGINES CONTAINING POTENTIAL DEFECT
100% of the engine population identified in point 3), over the lifetime of the engine.
- 5) DEFECT DESCRIPTION
The extension pipes attached to the Aftertreatment Regeneration Device (ARD) may develop a hole, and heat and flame may escape during a regeneration of the Diesel Particulate Filter, which may result in a fire hazard.
- 6) PRINCIPAL EVENTS THAT WERE THE BASIS FOR MAKING RECALL DETERMINATION
 - a) On July 9, 2008 Caterpillar became aware of a field failure that occurred on June 18, 2008, which resulted in a damaged hose, resulting in coolant loss. No fire was experienced. The Caterpillar dealer subsequently identified a hole in the extension pipe.
 - b) Based on this failure and subsequent analysis, Caterpillar determined one additional failure of the same extension pipe. Two extension pipe part numbers are subject to this failure mode and are used in several chassis. Most of these sales are made by Caterpillar Dealers to OEM customers and the known customers to date are Seagrave Fire Truck Apparatus, Stuphen Fire Truck Apparatus, Pierce Fire Truck Apparatus, American LaFrance Fire Truck Apparatus, Peterbilt 320 LCF OHT, Van Hoole Charter Coaches, and Crane Carrier. Volume breakdowns by OEM and contacts are not fully known at this time and NHTSA will be advised as soon as this information is identified. The OEMs will also be notified at that time.
 - c) On August 13, 2008 Caterpillar decided to declare a Safety Defect and remedy the engines with a Safety Recall.

7) PROGRAM TO REMEDY DEFECT

- a) A validated Permanent Corrective Action (PCA) will not be available until late in the 4th quarter 2008. Until the PCA is available, Caterpillar will notify customers to replace their current pipe with the same pipe (Interim Corrective Action – ICA), which is projected to mitigate the defect until the PCA is available. The PCA will replace the ARD body and extension tube and install new software
- b) To remedy the defect, Caterpillar will then issue the Safety Recall using two Safety Product Improvement Programs (the Caterpillar process used), one for the ICA and one for the PCA, with customer notification from Caterpillar.
- c) Per 49CFR573.12 (a), Caterpillar desires to continue shipments to OEMs, if the OEMs concur, because the typical time to put into service will generally exceed or closely coincide with the PCA remedy availability. These engines will be included in PCA Safety Product Improvement Program.