



Eaton Corporation

Equipment Report

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Transaction No.: 14-0010630-15871-10

Required fields indicated with *

—Manufacturer: Eaton Corporation

 1000 Eaton Blvd
 Cleveland OH 44122

[Kevin Schlosser](#)
 269-342-3621,

 This is a Safety Defect Report. Not filing a petition pursuant to [49 CFR 556](#)

—Equipment Information

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—Eaton Fuller Clutch Eaton Fuller 365 mm See Mfr comments

* **Brand/Trade:** Eaton Fuller Clutch
 * **Model:** Eaton Fuller 365 mm

Function:
 Clutch

Production Dates **Begin:** 05/26/2014
 End: 06/17/2014

Descriptive Information:
 The equipment is a clutch for manually-shifted medium-duty commercial vehicles.

* **Part No.:** See Mfr comments
Size: 365 mm

Number potentially involved: 574

Estimated percentage of involved with defect: 10%

—Defect / Noncompliance Description

For this Defect/Noncompliance:

* **Describe the defect or noncompliance:**

A loss of clutch function can occur when actuating the affected clutches. This arises because incorrect clutch-release bearing components were used during the clutch assembly process.

If a noncompliance, provide the applicable FMVSS:

Describe the cause:

Two different clutch release components, both fulcrum rings, were inadvertently mixed during manufacturing. Thus, the incorrect fulcrum ring may have been applied to the affected parts.

This Recall affects all vehicles.

If applicable, identify the manufacturer of the defective or noncompliant component. If the manufacturer of the component is unknown, provide the information for the company that supplied the subject component.

Component manufacturer

Company Information

Company Name: Eaton Corporation
Address 1: 1000 Eaton Blvd
Address 2:
City: Cleveland
State: OHIO
Zip Code: 44122
Country: United States of America

Company Contact Information

First Name: Kevin
Last Name: Schlosser
Position: Director, Engineering
Phone: 1 (260) 418-2196
Email: kevin.schlosser@eaton.com

* **Describe the safety risk:**

The defect may result in unintended motion or extended stopping distance, potentially resulting in a vehicle crash without prior warning.

Identify any warning which can precede or occur:

None.

—Purchaser Information

Company: Daimler Trucks North America
Address 1: 4747 N Channel Ave
Address 2:
City: Portland
State: OREGON

First Name:
Last Name:
Position:
Phone:
Email:

Zip Code: 97217 –
Country: United States of America

Company: Navistar
Address 1: 4201 Winfield Road
Address 2:

City: Warrenville

State: ILLINOIS

Zip Code: 60555 –

Country: United States of America

First Name:

Last Name:

Position:

Phone:

Email:

–Chronology of Defect / Noncompliance Determination

Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision.:

8/28/14 Eaton was notified of a field complaint where the release bearing separated from the clutch cover. Eaton was only notified after the second failure of the component. Eaton requested pictures of the failed parts. 8/29/14 Pictures were received and reviewed by Eaton Service. The pictures were inconclusive. Eaton requested the parts be returned for analysis. 9/18/14 The clutches were received in the warranty return center at which time Engineering was notified. 9/19/14 Engineering and Service reviewed the returned clutches. It was concluded the incorrect retention ring was installed. Eaton had not concluded the issue was safety related at this time. 9/22/14 Further details on the clutches were gathered by Service, including serial numbers, pictures, and claim details. 9/23/14 Initial review with the Eaton Safety Committee. Several further actions were identified to determine if this was a safety related issue. 9/24/14 - 9/29/14 In order to assess if this was safety related, several additional actions were completed, including review of the plant inventory, components affected, direct interview with the service technician for vehicle symptoms, and review of vehicle time in service. 9/30/14 Eaton Safety Committee concluded there was a safety concern.

–Identify the Remedy

Describe the defect/noncompliance remedy program, including the manufacturer's plan for reimbursement.

For clutches at distribution centers and dealers 1) Product will be 100% inspected by authorized Eaton personnel free of charge OR 2) Product will be replaced free of charge. For product in vehicles 1) Product will be inspected in vehicle by authorized Eaton personnel free of charge OR 2) Product will be replaced free of charge. If a clutch issue is determined, the clutch will be replaced free of charge in all cases. Because all affected replacement parts will be covered by Eaton's original warranty that provides for free repair of the problem until at least 10 days after Eaton's planned owner notification end date, reimbursement of pre-notification remedies will occur only pursuant to the warranty terms, if a franchised dealer or authorized representative of Eaton denied warranty coverage, or the repair made under warranty did not remedy the problem addressed by the recall.

Describe what distinguishes the remedy component from the recalled component.

The remedy clutches contain the correct release system components.

Identify and describe how and when the recall condition was corrected in production.

100% production inspection started 9/23/14 for all inventory and components. Correct components were verified for ongoing production

–Identify the Recall Schedule

Describe the recall schedule for notifications.:

OEM Notifications 10/1/14-10/6/14 Dealer, Distribution center and Owner notifications starting from 10/22/14

Planned Dealer Notification Begin Date: 10/22/2014

Planned Dealer Notification End Date: 12/05/2014

Planned Owner Notification Begin Date: 10/22/2014

Planned Owner Notification End Date: 12/05/2014

Manufacturer's identification code for this recall (if applicable):

Please be reminded that owner notification letters must be mailed no more than 60 days from submission of this report.

–Manufacturer Comments to NHTSA Staff

Part numbers for suspect units are:104100-2, 104200-1, 104104-2, 104100-1, 104100-3 Rationale for suspect lot size: The incorrect assembled clutches were from the 6/4/2014-6/5/2014 build dates representing 200 potential units. Based on internal component line transfer information a buffer was added on the front and back end of this lot size to account for 574 units to ensure the suspect window was captured. Inspections have been conducted before and after the suspect build dates with no defects found. International Sales: The part population includes parts sold to a foreign original equipment manufacturer, DINA Camiones S.A. de C.V., Domicilio conocido s/n Corredor Industrial, 43990, Ciudad Fray Bernardino de Shagun Hgo., Mexico, which Eaton is not able to enter on this form.

–Document Upload

There are 1 documents associated with this report.

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