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14V-086
(3 pages)

PACCAR Inc

February 14, 2014

SENT VIA E-MAIL (RMD.ODI@DOT.GOV)

Jennifer Timian
Chief, Recall Management Division
Office of Defects Investigation (NEF-111)
Safety Assurance
National Highway Traffic Safety Administration
1200 New Jersey Ave SE
Washington, D.C. 20590

Re: **Cummins ISL-G and ISX 12-G Software Calibration**
Kenworth Recall No.: 14KWG
Peterbilt Recall No.: 214-C

Dear Ms. Timian:

Pursuant to 49 C.F.R. Part 573, PACCAR Inc hereby provides notice to NHTSA of its intention to voluntarily recall the affected population of vehicles identified below. This recall involves vehicles manufactured by the Kenworth Truck Company and Peterbilt Motors Company, both divisions of PACCAR Inc.

Manufacturer - 573.6(c)(1)

Kenworth Truck Company
10630 NE 38th Pl.
Kirkland, WA 98033

Peterbilt Motors Company
1700 Woodbrook Street
Denton, Texas 76205

Identification of Vehicles Potentially Containing Defect - 573.6(c)(2)(ii)

The vehicles that may potentially contain the defect are model year 2014 and 2015:

- Kenworth Model T440, T660, T800, and W900 chassis that were manufactured between January 23, 2013 and February 4, 2014.
- Peterbilt Model 320, 365, 382, and 384 chassis that were manufactured between January, 21 2013 and February 5, 2014.

Component Containing the Defect - 573.6(c)(2)(iv)

Component Name: Cummins Westport Model ISL G and ISX12 G Engines

Manufacturer: Cummins, Inc.

500 Jackson Street
Columbus, IN 47201

Contact: Mr. Mark L. Wilson, Director- Product Safety

Telephone: (812) 377-7543

Total Number of Vehicles Potentially Containing Defect - 573.6(c)(3)

The recall affects a total of 2019 vehicles registered within the United States. The following table identifies the affected population by model:

Kenworth T440	116 vehicles
Kenworth T660	341 vehicles
Kenworth T800	131 vehicles
Kenworth W900	13 vehicles
Peterbilt Model 320	764 vehicles
Peterbilt Model 365	275 vehicles
Peterbilt Model 382	55 vehicles
Peterbilt Model 384	324 vehicles

Percentage of Vehicles Estimated to Contain Defect - 573.6(c)(4)

The percentage of vehicles that may contain the defect is unknown.

Description of the Defect - 573.6(c)(5)

Cummins, Inc. and Cummins Westport, Inc. are recalling certain Model ISL-G and ISX12-G engines that contain defective engine ECU software programming. In certain cold weather conditions, the engine ECU software programming may cause exhaust temperatures to become elevated. Flames may be emitted from the exhaust pipe.

Consequence: Elevated exhaust temperatures or flames emitted from the exhaust pipe may cause personal injury or ignition of nearby combustible materials.

Chronology of Events Leading to Recall - 573.6(c)(6)

On January 31, 2014 Cummins notified Peterbilt that the exhaust temperature of the Cummins ISL-G and ISX12-G engines could become elevated above normal. Cummins notified Peterbilt that trucks equipped with the ISL-G or ISX12-G engines should be placed on hold pending further investigation.

On February 3, 2014 Peterbilt requested information from Cummins regarding the impact on trucks in the field, suspect population, impact on drivability and or operation of vehicles in the field. Cummins stated that the trucks on hold at PACCAR's facilities could be operated without concern if the ambient temperature was above 20 degrees Fahrenheit.

Cummins released a revised ECU calibration that would provide improved intake manifold pressure/temperature sensor diagnostics. Cummins began shipping engines with the revised calibration.

On February 12, 2014 Cummins notified PACCAR of its decision that the defective calibration may affect motor vehicle safety.

On February 14, 2014, Peterbilt and Kenworth concurred that the engine ECU software programming contained a safety-related defect, and a recall should be initiated.

Description of Remedy - 573.6(c)(8)

PACCAR will notify customers whose vehicles were built with the defective software calibration. An authorized Cummins service facility will remedy affected engine ECUs by providing the customer with an updated calibration. Cummins will administer the recall and provide quarterly reports to NHTSA. Cummins will also remedy vehicles that received the defective engine software calibration through updates performed in the field following the date of manufacture; those vehicles are not included within the scope of PACCAR's recall campaign.

Communications Sent to Dealers and Owners - 573.6(c)(10)

Subject to NHTSA approval, a customer letter will be sent within 30 days.

Identification of Manufacturer's Campaign Number - 573.6(c)(11)

Kenworth's number for this campaign is "14KWG." Peterbilt's campaign number is "214-C."

Please let me know if you have any questions or concerns.

Very truly yours,

s/Pamela S. Tonglao

Pamela S. Tonglao
Counsel
PACCAR Inc