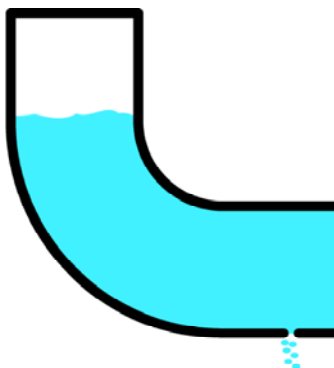




## Technical Information Bulletin

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**43-051**



### **Section**

Exhaust/Aftertreatment - 43

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### **Subject**

2017 Emissions Under Frame (UNFR) Aftertreatment Back of Sleeper (BOS) Exhaust Pipe Drain Hole

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### **Release Date**

1/9/2018

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### **Condition**

The lower elbow of the exhaust system does not have a drain hole, allowing water to collect in the pipes and backflow into the aftertreatment canister. Fault codes related to the NOx and SCR system may set, the NOx sensor may fail, and in extreme cases, the SCR may lose efficiency.

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### **Chassis Affected**

19 T660, T680, T800, T880 chassis (11 US and 8 Canada) built between 03/13/2017 and 09/13/2017 equipped with 2017 Emissions UNFR Aftertreatment BOS Exhaust pipe.

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## Action

### CAMPAIGN

Service all chassis affected that enter your dealership, even if the customer has no issue with the chassis.

1. Review the attached chassis list for your dealer code and schedule your customer(s) for service if their chassis is on the list.
2. Review the DWWC or SIR for "Complete" next to the "43051" campaign code prior to performing this repair.
3. Follow the procedures below to create a drain hole in the lower exhaust elbow pipe.

This campaign can be performed at any time convenient for the customer (for example: during next scheduled maintenance interval).

## Warranty

Through Standard Warranty (excludes Extended Warranty) or for repairs completed by 02/01/2019, whichever is greater, Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- 0.3 hours labor to create a drain hole in the exhaust elbow pipe. (Use Quick Claim Code 43-051).
- File an additional claim for extraordinary circumstances. A quick claim for standard labor must be filed first.

**Take-Off Parts Disposition: N/A**

CLAIM CODING			
Failure Location:	043-003-030	Work Accomplished:	05
Failure Type:	340	Responsibility Code:	01
SRT Code:	043-xxx	Claim Type:	C

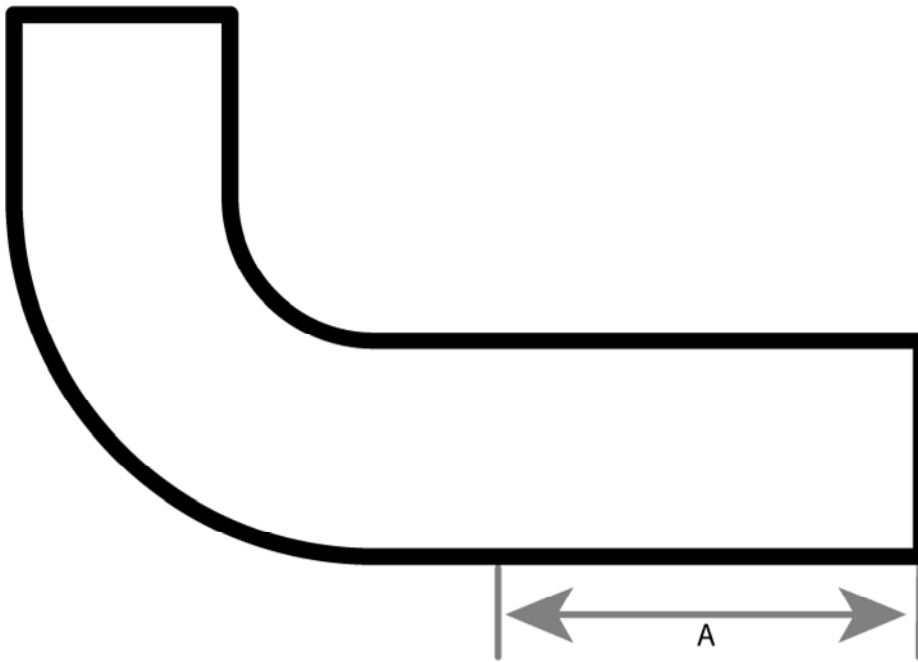
## Background

A safety regulation promulgated by the Federal Motor Carrier Safety Administration provides: "No part of the exhaust system shall leak or discharge at a point forward of or directly below the driver/sleeper compartment." 49CFR 393.83(g). To comply with the strict terms of this regulation, the lower elbow of the exhaust system was designed without a drain hole. PACCAR subsequently received FMCSA's approval to place a small drain hole in the exhaust system below the cab/sleeper compartment to prevent condensation and rainwater from accumulating and interfering with the aftertreatment system.

## Procedure

1. Use drawing number M97-6552 from WebEcat to locate the PIPE-EXH, BACK OF SLPR SCR elbow.
2. Locate and mark the bottom of the pipe at the point where it is closest to the ground. This point is expected to be at the approximate distance as shown in the following table and image.

Pipe Part Number	A (mm)
M66-6797-0245X0260	93
M66-6797-0245X0800	633
M66-6797-0245X0860	693
M66-6797-0245X0540	373



3. Remove the pipe and allow water to drain from the exhaust system.
4. Use a center punch to dimple the drilling point marked in Step 2, and then drill a ¼ in. hole through the pipe
5. Reinstall the pipe.

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## **Attachments**

 [Dealer\Chassis List](#)

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Authored by: OF

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