



Service Bulletin

43-066

Section

43 - Exhaust

Description

DEF tank covers may become loose and potentially crack on vehicles built before October 2019 with DEF tank part number M86-6221-003** (TANK-DEF MEDIUM ASSY) and M86-6222-003** (TANK-DEF LARGE, ASSY).

Release Date

3/27/2020

Introduction

Peterbilt has determined that vehicles may experience excessive vibration on the DEF tank cover M22-6107 (COVER-DEF TANK, MEDIUM) and M22-6108 (COVER-DEF TANK, LARGE) due to lack of washers on underside of the DEF tank M86-6221-003** (TANK-DEF MEDIUM, ASSY) AND M86-6222-003** (TANK-DEF LARGE, ASSY). This excessive vibration can result in a loose DEF tank cover or damage to the DEF tank cover.

Resolution

Information Only

If a customer comes into your dealership and demonstrates the condition described above, follow the attached procedure to resolve the vibration on the tank cover by adding bottom tank washers.

Parts

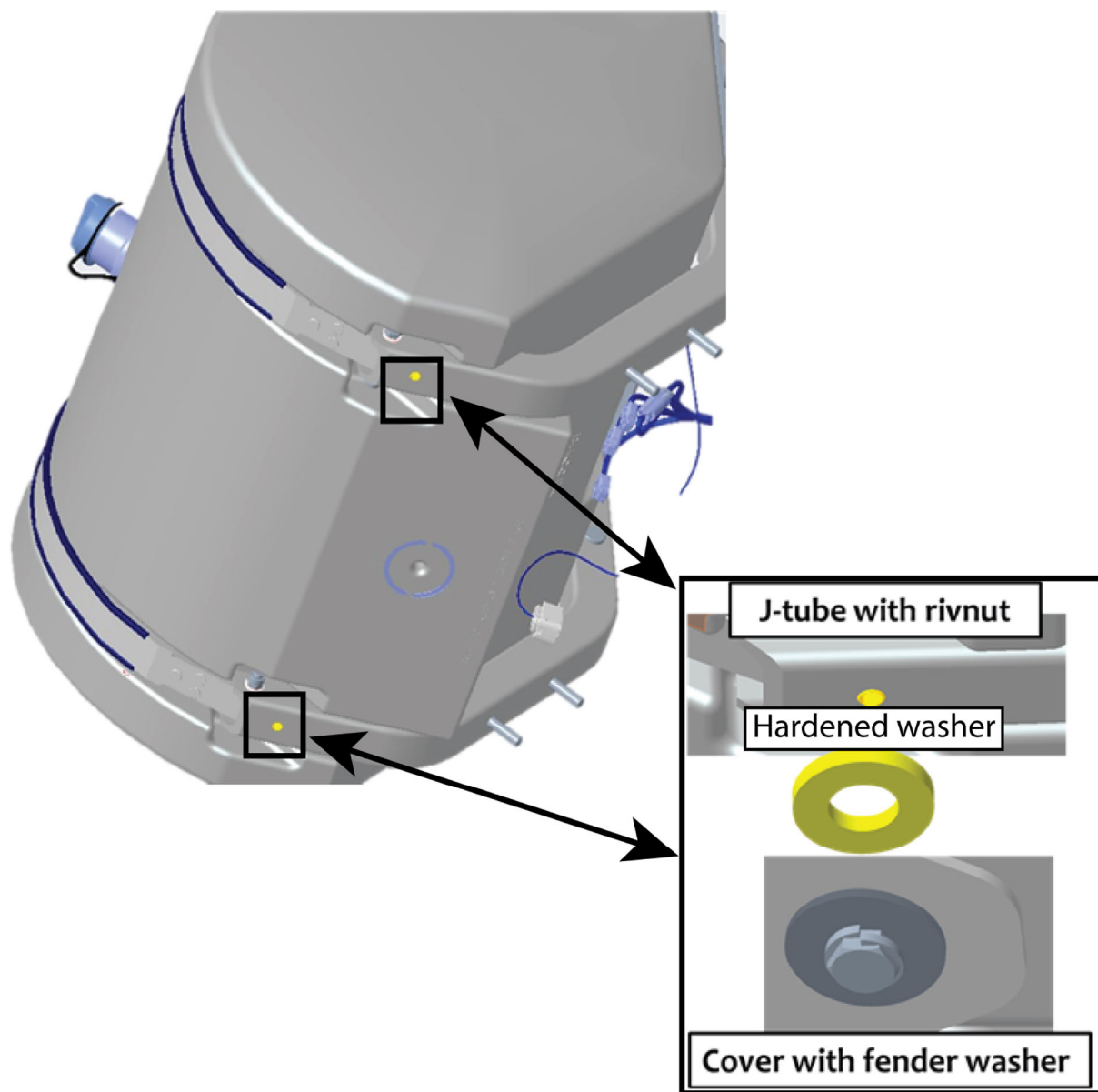
Parts are available from PACCAR Parts

Quantity	Part Number	Description
2	HWC07934	WASHER HARDENED
2	Locally Sourced Part	FENDER WASHER (Nominal Size - Inside Diameter - 0.257 in, Outside Diameter - 1.00 in, Thickness - 0.063 in Finish – Zinc per ASTM B633-85

		Semi-Flat Black
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Procedure

Remove the two lower bolts to the cover and place the washers as shown below:



- The hardened washer inner diameter surrounds the rivnut as shown in the image above. This washer will be sandwiched between the J-tube and the cover.
- The black fender washer is installed outside the cover, in contact with the lock washer.

Authored by: NG

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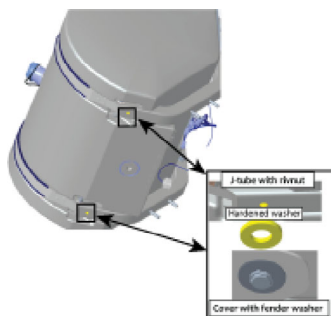
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Technical Information Bulletin

43-066



Section

Inlet/Exhaust/Aftertreatment - 43

Subject

Damaged or Loose DEF Tank Cover

Release Date

3/26/2020

Condition

DEF tank covers may become loose, causing the cover to vibrate and potentially crack.

Chassis Affected

T270, T300, T370, T4 series, T600, T680, T800, T880, W900, W990, C500, and Service Cab chassis built before 09/14/2019 with DEF tank part numbers M86-6221-003XX(TANK-DEF MEDIUM, ASSY) AND M86-6222-003XX (TANK-DEF LARGE, ASSY).

Action

Information Only

Whenever a loose or broken DEF tank cover is found, in addition to the diagnostics and repairs being made, install washers as described in the procedure below to ensure the DEF tank cover is held securely to the J-tubes.

Parts

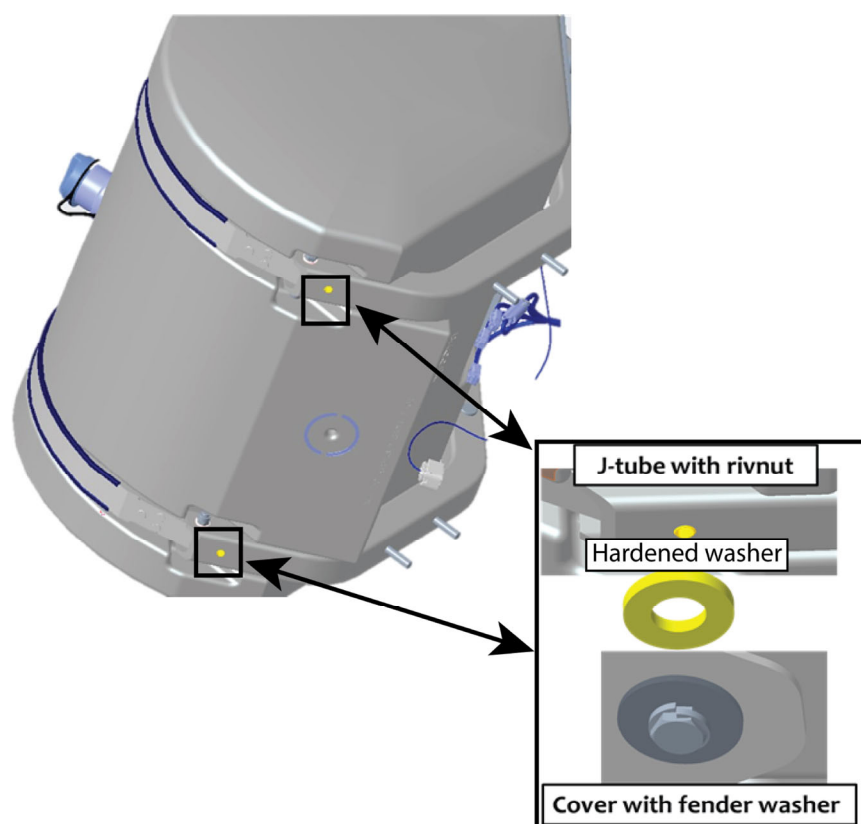
Parts are available from PACCAR Parts.

Quantity	Part Number	Description
2	27-00790-008	Washer, hardened
2	Locally Sourced	Fender washer: Nominal size: ● Inside diameter: 0.257 in. ● Outside diameter: 1.0 in. ● Thickness: 0.063 in. ● Finish: Zinc per ASTM B633-85, Semi-flat black

Procedure

Remove the two lower bolts to the cover and place the washers as shown below:

- The hardened washer inner diameter surrounds the rivnut as show in the image below. This washer will be sandwiched between the J-tube and the cover.
- The black fender washer is installed outside the cover, in contact with the lock washer.



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