



Technical Information Bulletin

43-048



Section

Exhaust - 43

Subject

T680/T880 and T700 Cracked or Broken Horizontal Diffuser and/or Brackets

Release Date

9/27/2017

Condition

Horizontal exhaust diffusers may experience failures associated with the diffuser, diffuser support brackets, and pipe support brackets. Brackets and diffuser may fail due to vibration and fatigue.

Chassis Affected

T680, T880, and T700 Vehicles manufactured with horizontal exhaust diffuser configurations.

T170/T270/T370, T440/T470, T660/T600, T800, W900 parts are in development. This bulletin will be updated to include these vehicles when parts become available.

Action

FIX-AS-FAIL

When a chassis enters the dealership with a horizontal exhaust diffuser exhibiting cracked diffusers or brackets, replace parts as indicated below.

Reference the attached procedure below to perform the repair. Use the parts listed below based on vehicle configuration.

Warranty

Through Standard Warranty (includes Extended Warranty) Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- 0.7 hours labor to R&R the diffuser, the diffuser brackets, and the pipe support brackets.
- T680, T880, T700 Cabs, Sleeper Trucks with Extension Pipes **requiring** M85-6408-0382 and 24511 use Quick Claim 43-048.
- T680, T880, T700 Cabs, Sleeper Trucks with Extension Pipes, but **without requiring** M85-6408-0382 and 24511 use Quick Claim 43048A.
- T680, T880 Daycab Trucks without Extension Pipes use Quick Claim 43048B.
- File an additional claim for extraordinary circumstances. A quick claim for standard labor must be filed first.

CLAIM CODING			
Failure Location:	043-003-025	Work Accomplished:	35
Failure Type:	115	Responsibility Code:	01 (Base)/06 (Extended)
SRT Code:	043-xxx (includes all time, including overlapping labor to perform this repair)	Claim Type:	N

Take-Off Parts Disposition: Destroy take-off parts 30 days after claim is paid.

Parts

Parts are available from PACCAR Parts.

Parts for T680, T880, T700 Cabs, Sleeper Trucks with Extension Pipes		
Quantity	Part Number	Description
1	M66-7821-001	Exhaust Diffuser
1*	M85-6408-0382	SUPPORT- EXH BRACKET DIFFUSER * Extension pipes longer than 1540mm should have 2 pipe support brackets. Confirm before ordering parts.
1	W34-6062	U-Bolt
2	61200ZYEL	Hex Nut (M10 x 1.50mm)
2	HWC07900	Lock Washer (3/8 in.)
2	HWC07958	Flat Washer (3/8 in.)
2	50AS	CLAMP-EXHAUST ACCUSEAL 5 in.
1*	24511	CLAMP-EXHAUST * Extension pipes longer than 1540mm should have 2 clamps. Confirm before ordering parts.

Parts for T680, T880 Daycab Trucks without Extension Pipes		
Quantity	Part Number	Description
1	M66-7821-001	Exhaust Diffuser
1	M85-6408-0382	SUPPORT- EXH BRACKET DIFFUSER
1	W34-6062	U-Bolt
1	50AS	Pipe Clamp


2	61200ZYEL	Hex Nut (M10 x 1.50mm)
2	HWC07900	Lock Washer (3/8 in.)
2	HWC07958	Flat Washer (3/8 in.)

Procedure

This repair is applicable for vehicles with horizontal ground dump diffusers with 5 in. piping.

1. Examine all support brackets and the diffuser for cracks and/or failures.
 2. If cracks or failures are found, replace all old parts with new parts.
 3. Make sure there is a minimum of 13 in. of clearance between the diffuser and the brake chamber.
 4. Review the attachment below for more detailed repair information.
-

Attachments

 [Repair procedure](#)

Authored by: OF

Access to PACCAR's Enterprise Portal is provided as a benefit of doing business with PACCAR. All applications and content accessed through this system are confidential and proprietary and the property of PACCAR Inc and its suppliers, and must be kept strictly confidential pursuant to the contract licensing such access. Disclosure, publication, release or distribution of any material found on PACCAR systems to any person other than employees with a need to know such information is strictly prohibited. All activity on this system is monitored. If PACCAR suspects or discovers any unauthorized activity, access may be immediately terminated without prior notification. Violators may be subject to legal action.

© Copyright 2017 PACCAR Inc. All rights reserved. We welcome your [feedback](#) on this page. For technical questions or concerns about this page, please contact the [DealerNet Webmaster](#).