



SERVICE BULLETIN

15-16

Section

43 - Exhaust

Description

Repair for horizontal exhaust diffuser configurations with broken or cracked brackets or diffuser.

Release Date

9/27/2017

Introduction

Fix-As-Fail

Peterbilt has determined that certain 579, 567, 587, 320, and Legacy Model vehicles manufactured with horizontal exhaust diffusers have experienced failures associated with the diffuser, diffuser support brackets, and pipe support brackets. New diffuser and brackets have been designed to eliminate failures. Symptoms of failures include cracked diffusers and broken brackets.

Resolution

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, Peterbilt will pay for parts at dealer net plus applicable mark-up and labor:

- 0.7 hours to R&R the diffuser, the diffuser brackets, and the pipe support brackets.
- Provide photos of broken or cracked parts.
- File a long form claim and reference "15-16".

For Field...	Enter...
Failure Location	043-003-025

Failure Type	115
Claim Type	N
SRT 043-974	0.70 hours labor to R&R Diffuser Exhaust Components

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

Parts

Parts are available from PACCAR parts.

Parts for 579/567/587 Sleeper Configurations with Extension Pipes		
Quantity	Part Number	Description
1	M66-7821-001	Horizontal Exhaust Diffuser
1	M85-6408-0382	NGP Diffuser support
1*	M85-6408-0382	NGP Pipe Support
1	W34-6062	U-Bolt
2	61200ZYEL	Hex Nut (M10 x 1.50)
2	HWC07958	Flat Washer (3/8")
2	HWC07900	Lock washer (to be used on diffuser U-bolt only)
2	50AS	Pipe Clamp
1*	24511	Pipe Clamp U-Bolt Assembly
* Extension pipes longer than 1540mm should have 2 pipe support brackets. Confirm before ordering parts.		

Parts for 579/567/587 Daycab Configurations w/o extension pipes		
Quantity	Part Number	Description
1	M85-6408-0382	NGP Diffuser support
1	W34-6062	U-Bolt
1	M66-7821-001	Horizontal Exhaust Diffuser
1	50AS	Pipe Clamp
2	HWC07900	Lock washer (to be used on diffuser U-bolt only)

Parts for Legacy Sleeper Configurations with extension pipes		
Quantity	Part Number	Description
1	M66-7821-001	Horizontal Exhaust Diffuser
1	M85-6336-0365	Legacy Diffuser support
1*	M85-6336-0380	Legacy Pipe Support
1	W34-6062	U-Bolt
2	61200ZYEL	Hex Nut (M10 x 1.50)
2	HWC07958	Flat Washer (3/8")
2	50AS	Pipe Clamp

1*	24511	Pipe Clamp U-Bolt Assembly
2	HWC07900	Lock washer (to be used on diffuser U-bolt only)
* Extension pipes longer than 1540mm should have 2 pipe support brackets. Confirm before ordering parts.		

Part for Legacy Daycab Configurations w/o extension pipes		
Quantity	Part Number	Description
1	M85-6336-0365	Legacy Diffuser support
1	W34-6062	U-Bolt
1	M66-7821-001	Horizontal Exhaust Diffuser
1	50AS	Pipe Clamp
2	HWC07900	Lock washer (to be used on diffuser U-bolt only)

Procedure

This repair is applicable for 579, 567, 587, 320, and Legacy vehicles with horizontal exhaust diffusers with 5" piping.

1. Examine all support brackets and the diffuser for cracks and/or failures
2. If cracks are found, replace all old parts with new parts
3. Review the attachment below for more detailed information

[15-16 Diffuser Procedure](#)

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