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ID # CBR-2443

Version 2

Title

Trailer Tandem Adjustment Procedure - VN (4) - PR (4)

Abstract

The truck's trailer detection system uses a brief pulse of compressed air through the red trailer supply line to detect a connected trailer, but this pulse can inadvertently re-lock air-actuated tandem slide systems; this procedure outlines a method to mitigate the issue while sliding the trailer tandems.

Content

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Valid For

Volvo Chassis - VN(4)

Mack Chassis - PR (4)

Model Year 2025 to current

1.0 Overview

The truck's trailer detection system accomplishes detection via a brief pulse of compressed air through the red trailer supply line when the brake pedal is pressed. The system analyzes this pulse to determine whether or not the glad hand is connected to a trailer.

This pulse of air has been determined to inadvertently re-lock air actuated tandem slide systems.

The following procedure provides a means of navigating around the issues that the trailer detection system causes while attempting to slide the trailer tandems.

2.0 Procedure

- 2.1 Connect to the trailer
- 2.2 Charge the trailer air system (Press the RED trailer brake button)
- 2.3 Once the trailer is fully charged and the air pressures stabilized, set all parking brakes
- 2.4 Exit the vehicle and remove the red glad-hand
- 2.5 Activate the trailer tandem slide (unlock)
- 2.6 Enter the truck, release the tractor brakes, and slide the trailer/set tandem position
- 2.7 Exit the truck and lock trailer tandem slide system
- 2.8 Reconnect the red glad-hand

 Live UI: After the truck, release all brakes, and continue route/task

 Tags

vn 4

volvo

vn4

mack

pr4

pr 4

Categories

Make and Model > Volvo > All-New VNL - VN (4)

Make and Model > Mack Americas > PR (4) - Pioneer

Vehicle System > Frame