

# Federal Recall Information

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20PBB

## Supplier

**Peterbilt**

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## Description

Model 320/520 Dual Steer Quick Release

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## What's New

Safety Recall - Model 320/520 Dual Steer Quick Release

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## Release Date

Select the date.

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## Introduction

Peterbilt has decided that certain Model 320 and 520 trucks built between 2/20/2015 and 7/16/2019 may have been built without a quick release valve. The absence of this valve could affect rear brake timing on certain vehicles equipped with a tri-drive or liftable tag axle and Dual Seated or Right Hand Stand-Up steering configurations.

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## Resolution

### Safety Recall

Service all affected chassis 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. If you are not using Service Management to start repair orders, review SIR for "Complete" or "In Process" next to the "20PBB" campaign code prior to performing this repair.
  3. Follow the procedures below to inspect the brake plumbing and, if necessary, install the quick release valve.
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**It is a violation of Federal law for a dealer to sell or lease new vehicles covered by this recall until the defect or noncompliance has been corrected.**

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## Warranty

There is no time or mileage limit for this recall. Peterbilt will pay for parts at dealer net plus applicable mark up and labor:

- 0.3 hours to inspect the brake plumbing to see if the quick release valve is installed. File Quick Claim 20PBBA.
  - This labor is for inspection only. It is not applicable for trucks that require the quick release valve installation.
- 0.4 hours to install the quick release valve and complete the necessary plumbing for Dual Seated Drive configuration. File Quick Claim 20PBBB. This includes the inspection of the brake plumbing for the presence of the quick release valve.
- 0.4 hours to install the quick release valve and complete the necessary plumbing for Right Hand Stand-Up configuration. File Quick Claim 20PBBC. This includes the inspection of the brake plumbing for the presence of the quick release valve.
- File an additional claim for extraordinary circumstances, referencing 20PBB. A quick claim for standard labor must be filed first.

| For Field...     | Enter...  |
|------------------|---|
| Failure Location | 013-010-008   |
| Failure Type     | 705   |
| Claim Type       | C   |
| Campaign Number  | 20PBB   |
| Labor            | SRT 013-183<br>0.3 hours to inspect the brake plumbing for the quick release valve.<br>SRT 013-184<br>0.4 hours to install and plumb the quick release valve – includes inspection for the presence of the valve. |

**Take-off parts disposition: Destroy parts 30 days after the claim has been paid.**

## Parts

Parts are available through PACCAR Parts.

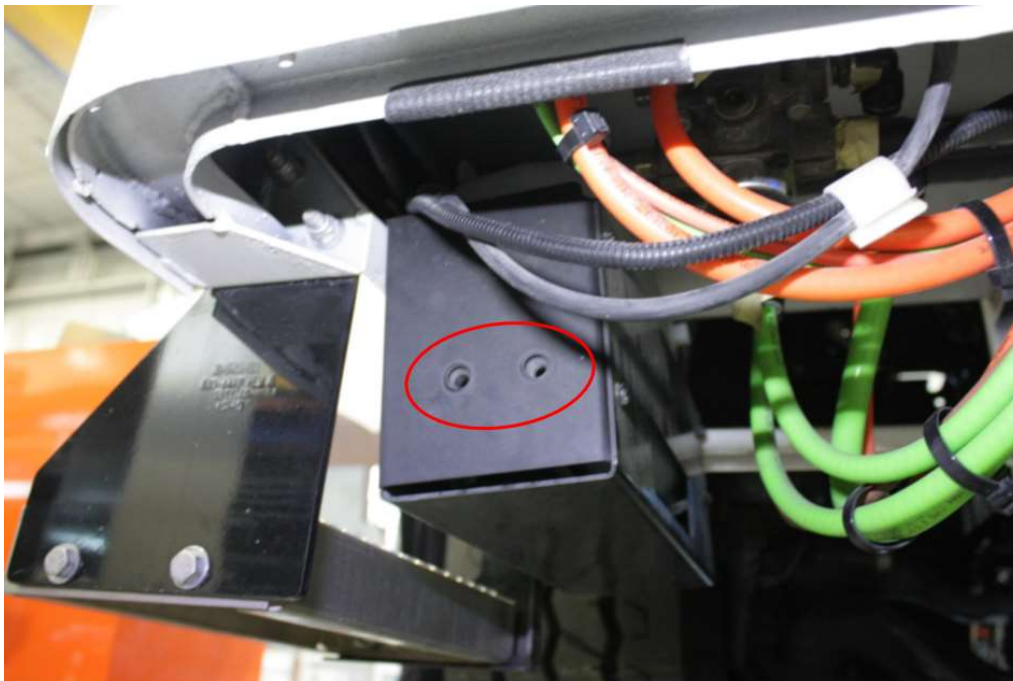
| DUAL SEATED DRIVE CONFIGURATION |               |                        |
|---------------------------------|---------------|------------------------|
| Quantity                        | Part Number   | Description            |
| 1                               | 288251BXW     | Quick Release Valve    |
| 2                               | K041-809-30   | Hex Bolt               |
| 2                               | 27-00801-005  | Flat Washer            |
| 1                               | G38-1021-0608 | 90 Degree Male Fitting |
| 1                               | G38-1023-0608 | Straight Male Fitting  |
| 1                               | AP2335        | 3/8 IN Plug            |

|           |                |  |
|-----------|----------------|--|
| 1 foot    | Source Locally | #8 Orange or Black Nylon Brake Hose – 1 foot |
| As Needed | Source Locally | Teflon Tape                                  |
| As Needed | Source Locally | Cable Ties                                   |

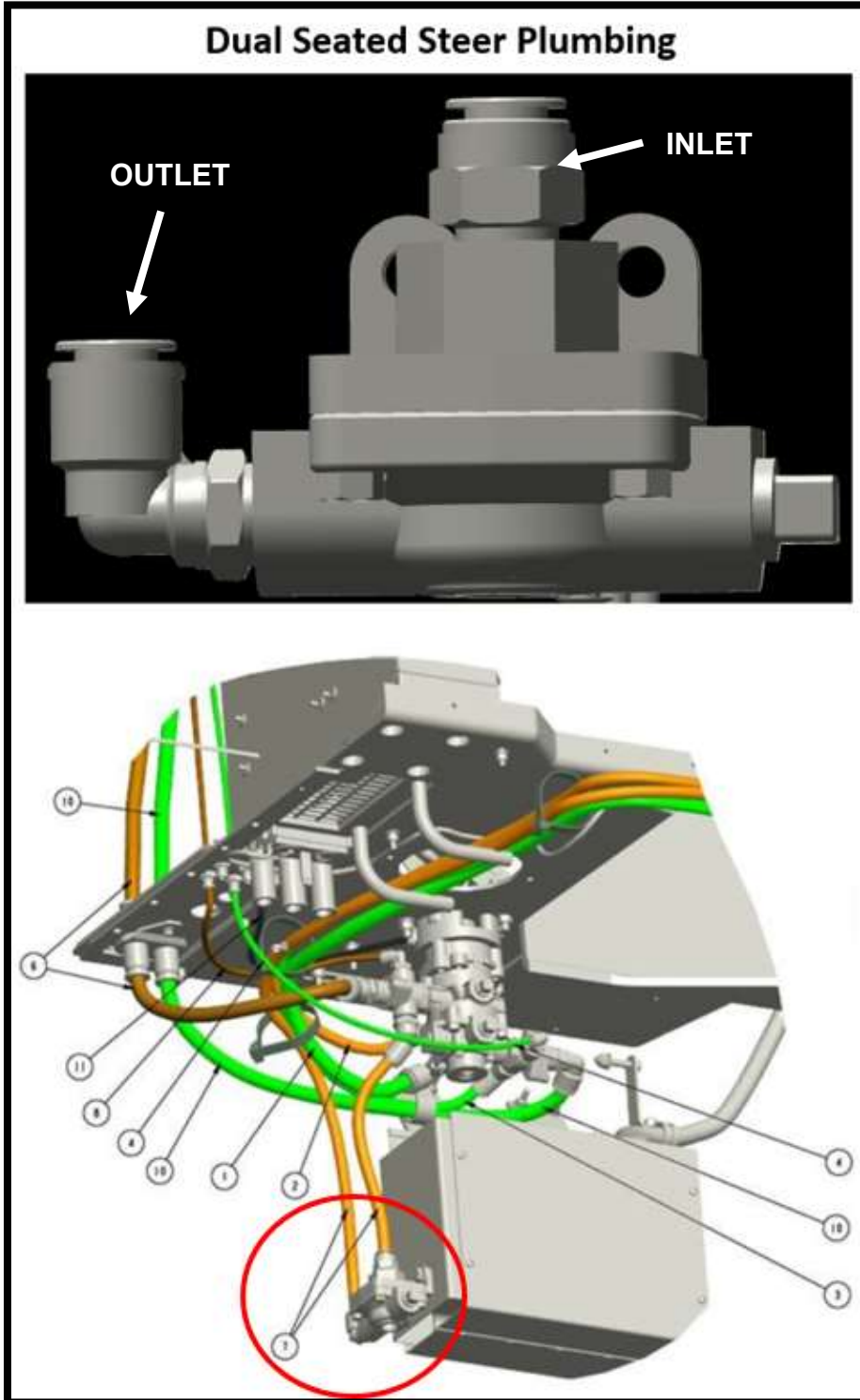
| RH STAND-UP CONFIGURATION |                |  |
|---------------------------|----------------|--|
| Quantity                  | Part Number    | Description                                  |
| 1                         | 288251BXW      | Quick Release Valve                          |
| 2                         | K041-809-30    | Hex Bolt                                     |
| 2                         | 27-00801-005   | Flat Washer                                  |
| 2                         | G38-1023-0608  | Straight Male Fitting                        |
| 1                         | AP2335         | 3/8 IN Plug                                  |
| 1 foot                    | Source Locally | #8 Orange or Black Nylon Brake Hose – 1 foot |
| As Needed                 | Source Locally | Teflon Tape                                  |
| As Needed                 | Source Locally | Cable Ties                                   |

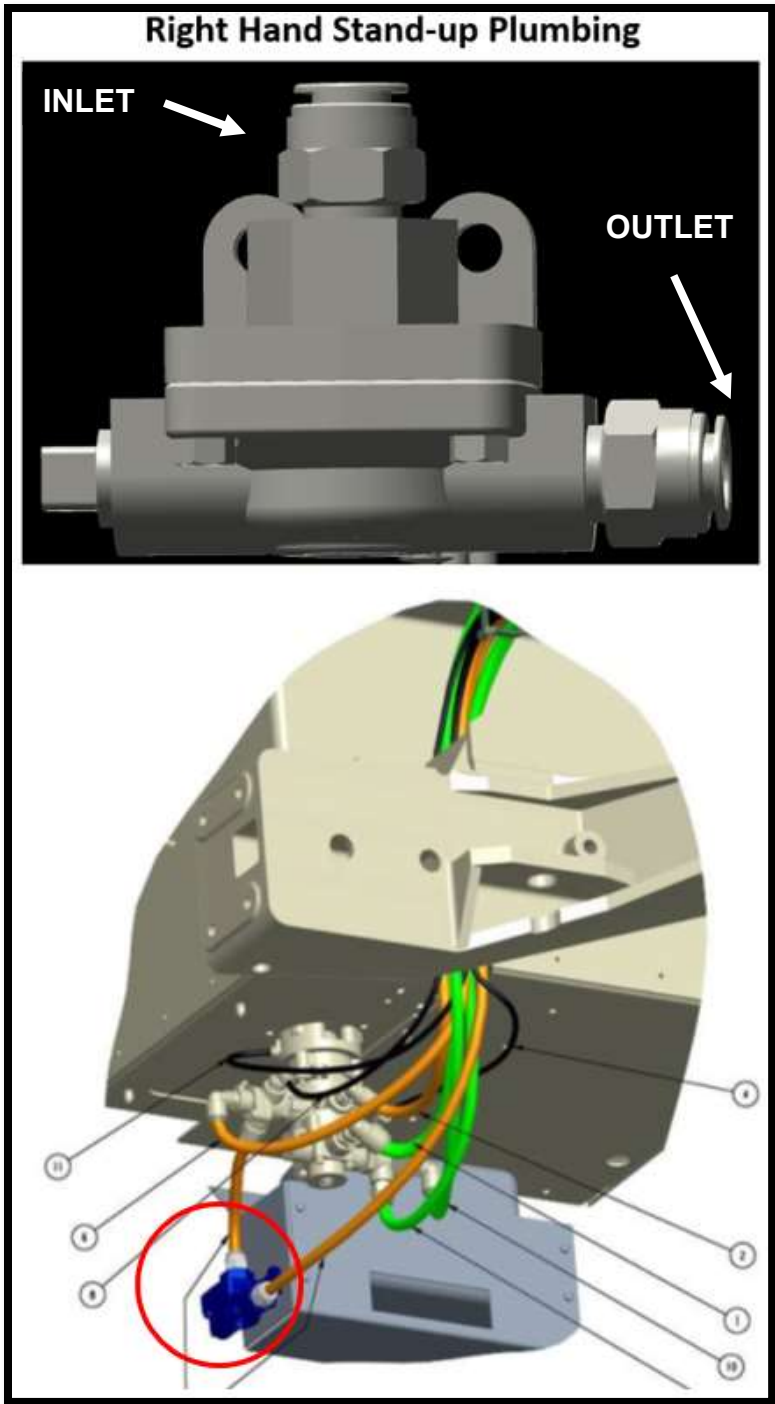
## Procedure

1. Inspect the truck to see if the Quick Release (QR) valve is installed. If not installed as shown below, tilt the cab forward for access and bolt the QR valve to the washer bottle housing.



- Using the images below, determine the correct plumbing for the QR valve and locate the primary delivery hose from the foot valve that will be routed to the QR valve.
- Wrap the threads of the fittings with Teflon tape and install into the QR valve as shown for the appropriate steering configuration below.
- Remove the primary delivery hose from the foot valve, trim the excess if necessary and install in the outlet port of the QR valve.
- Cut a new section of hose to install from the QR valve inlet back to the foot valve.





6. Avoid kinking the hoses and secure the hose bundle with cable ties.

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## Attachments

- Chassis List
- Customer Letter – US
- Customer Letter – Canada
- Customer Letter – French