

## VNRe Pressure Control Check Valve

**Service Category** Service

**Section** Function Group 562

**Technician Skill Level** A

**Market** North America

### Applicability

#### VOLVO

| Years     | Models |
|-----------|--------|
| 2020-2023 | VNRE   |

### Introduction

Volvo Trucks has determined that certain VNRE model vehicles have been built without a Pressure Control Check Valve (PCCV) install. The PCCV is important in controlling the pressure in the air system and insures proper operation of the air compressor. Please follow the repair instructions below to install PCCV.

### Production Change Information

This bulletin applies to vehicles built within the specified production changes below.

| Brand | Engine | Emission Level | Starting Build Date | Ending Build Date |
|-------|--------|----------------|---------------------|-------------------|
| Volvo | BEV    | EM-ZE          | 24-November-2021    | 04-April-2022     |

### Warranty Information

| <b>This repair is covered by an authorized Service Program. Reimbursement is obtained through the normal claim handling process.</b> |                         |          |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|
| Claim Type (used only when uploading from the Dealer Bus. Sys.)                                                                      |                         | <b>B</b> |
| Main Labor Code                                                                                                                      | Description             | Hours    |
| 1720-16-09-01                                                                                                                        | Campaign General 0.1x10 | 1.0      |
| Causal Part                                                                                                                          | <b>25158717</b>         |          |
| SCC Authorization Code                                                                                                               | <b>S3550</b>            |          |
| Expiration Date                                                                                                                      | <b>July 29, 2026</b>    |          |

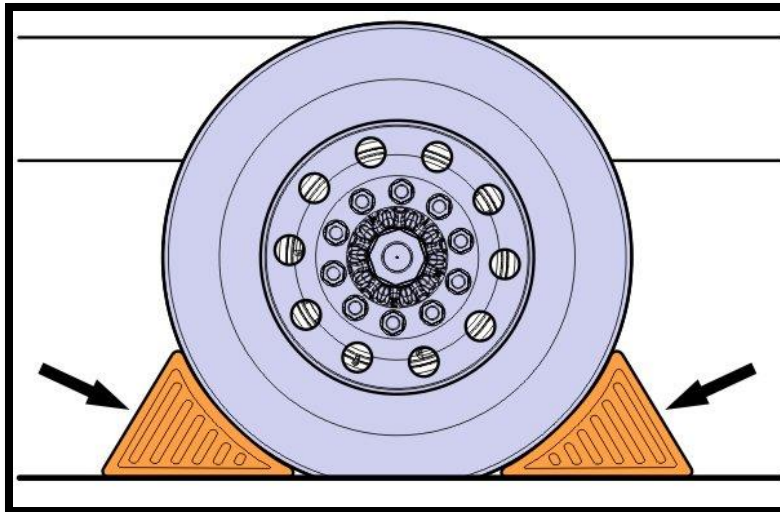
## VNRe Pressure Control Check Valve Install

### Parts Information

| Part Numbers | Part Names  | Quantity |
|--------------|-------------|----------|
| 24401878     | Adapter     | 1        |
| 24409298     | Swivel      | 1        |
| 23068401     | Adapter     | 1        |
| 25158717     | Check Valve | 1        |
| 25160172     | Fitting     | 1        |
| 60113879     | Elbow       | 1        |

### Repair Procedure

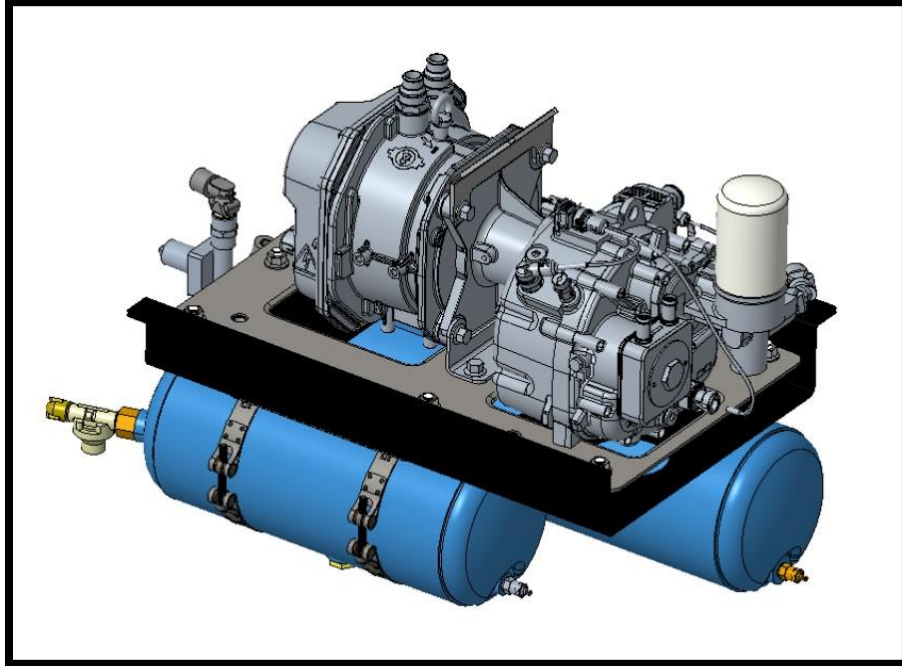
1. Park the vehicle on level surface.
2. Apply parking brake.
3. Place the transmission in park or neutral.
4. Turn off ignition.
5. Install wheel chocks.



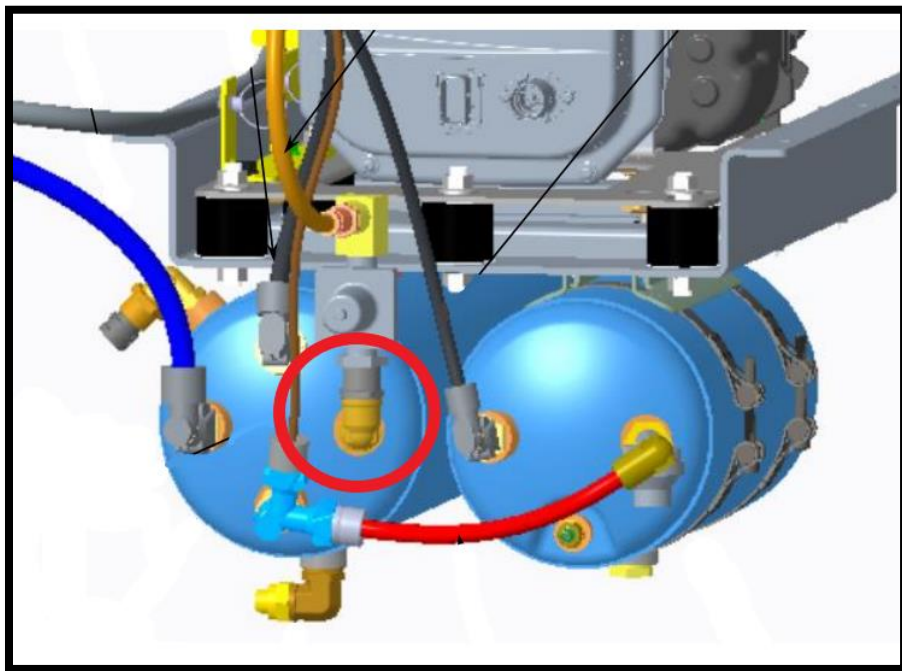
## VNRe Pressure Control Check Valve Install

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6. Drain air system.
7. Locate air tanks mounted under the air compressor.

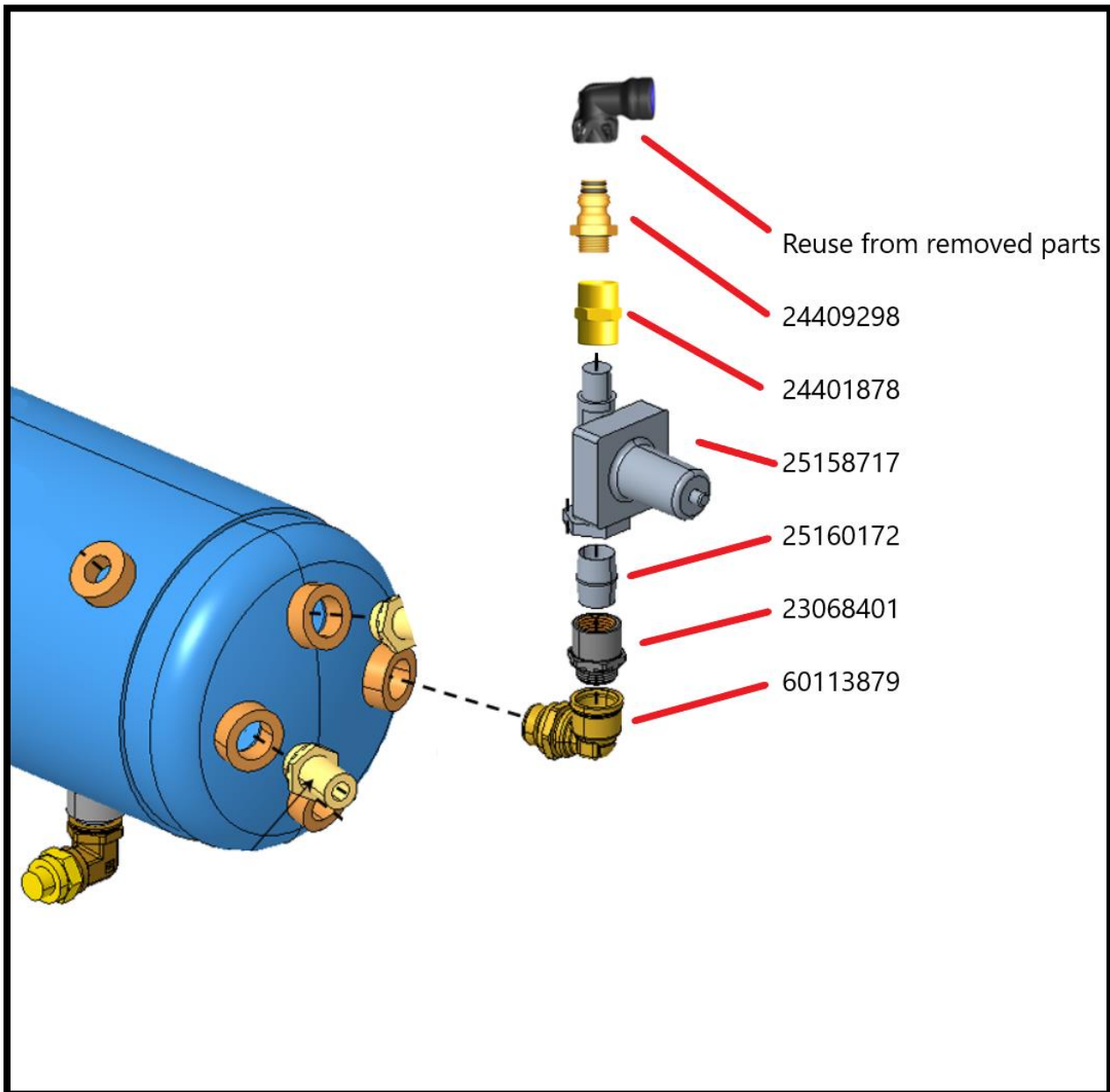


8. On the rear mounted tank, remove airline and all installed fittings from the port circled below.



## VNRe Pressure Control Check Valve Install

9. Install the new fittings and check valve as pictured below.



10. Reconnect airline.
11. Build system air pressure and check for leaks.
12. Remove wheel chocks.
13. Release truck to service.