

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

This repair is covered by an authorized Service Program. Reimbursement is obtained through the normal claim handling process.		
Claim Type (used only when uploading from the Dealer Bus. Sys.)		B
Main Labor Code	Description	Hours
1720-16-09-01	Campaign General 0.1x10	1.0
Causal Part	25158717	
SCC Authorization Code	S3550	
Expiration Date	April 30, 2025	

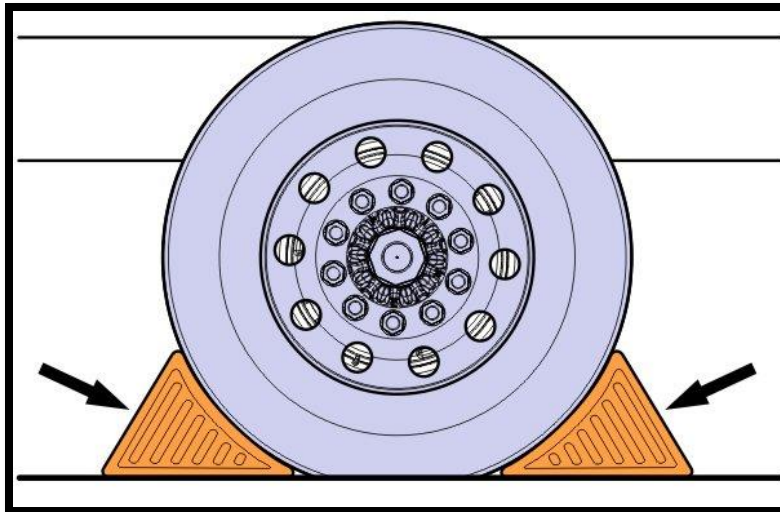
VNRe Pressure Control Check Valve Install

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

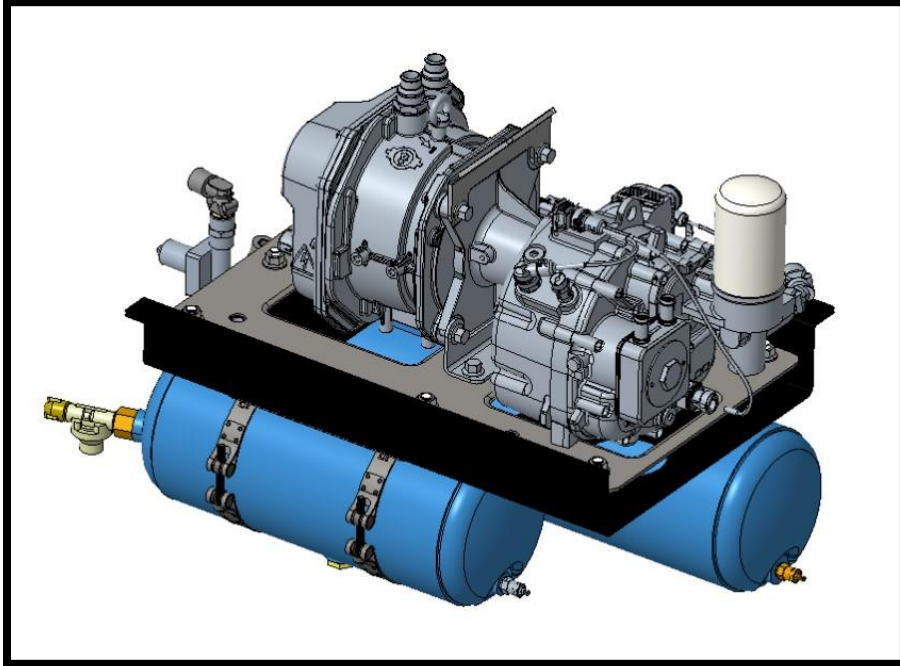
Repair Procedure

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.

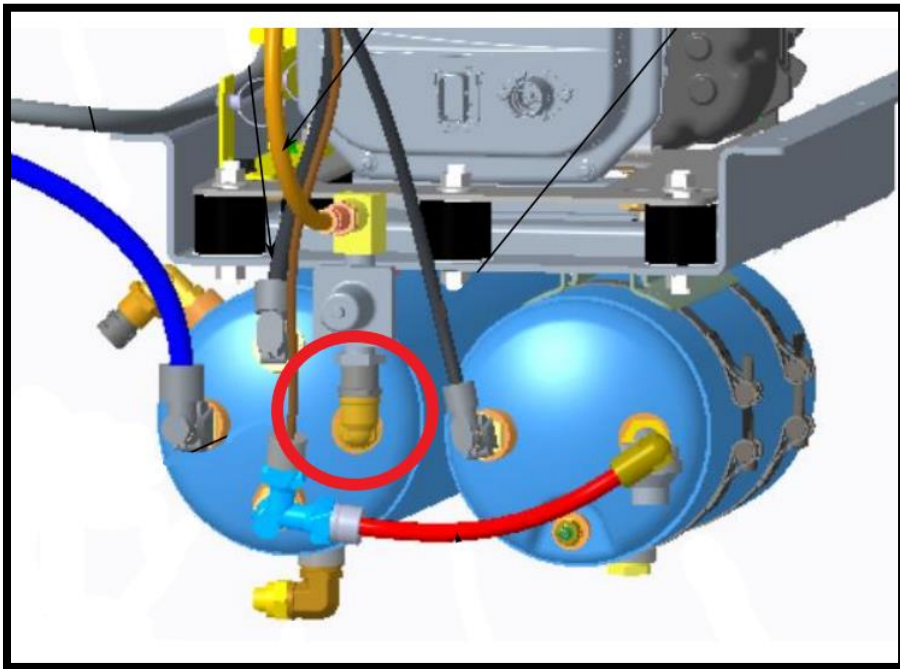


VNRe Pressure Control Check Valve Install

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

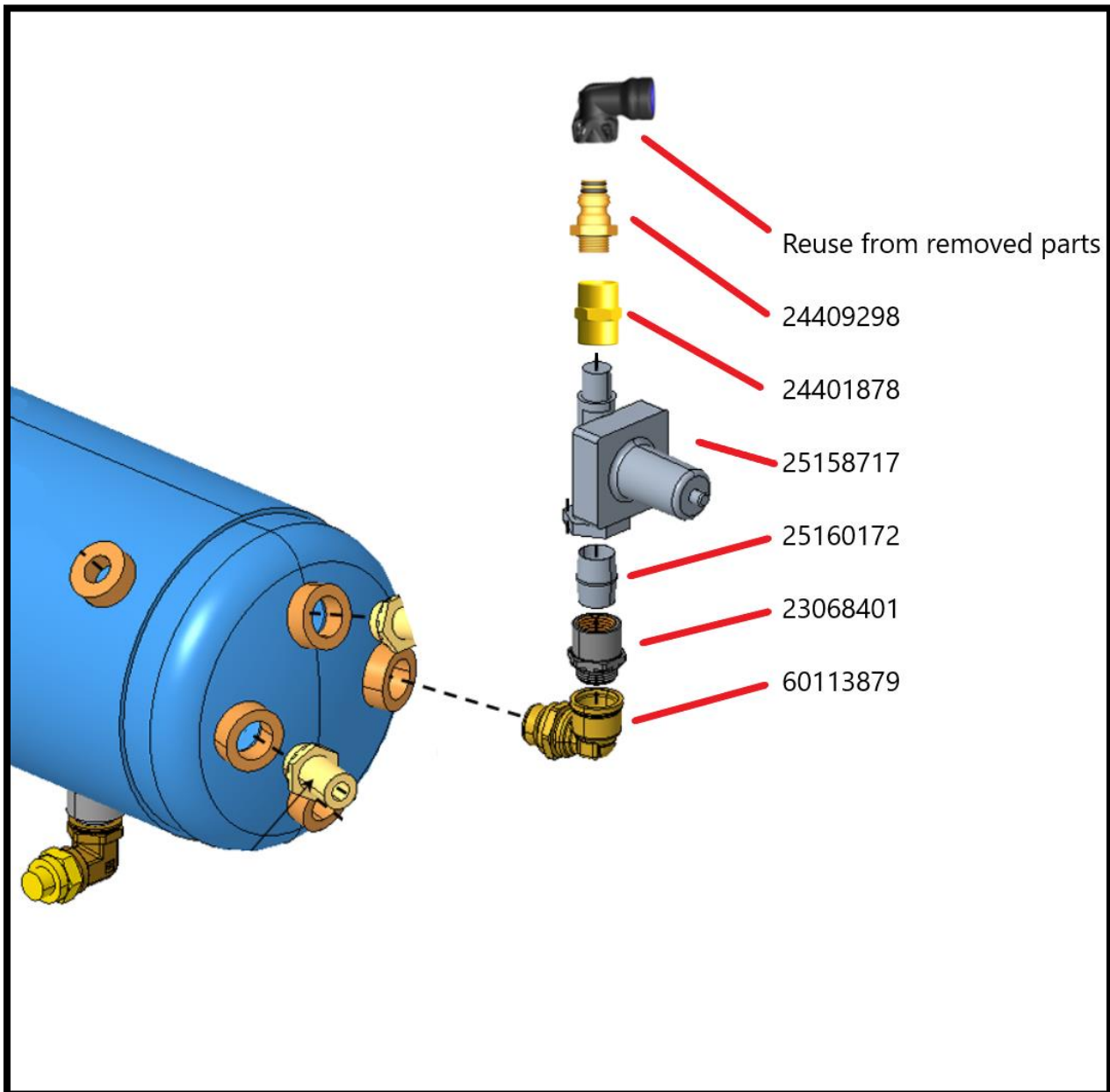


8. On the rear mounted tank, remove airline and all installed fittings from the port circled below.



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.