

| | |
|-------------------------------|---|
| ADDRESSEES | : Owners and operators ABC Customer Care and Parts Source |
| VEHICLE MODEL | : CX45 MY2023 |
| MANUAL SECTION | : 13.1 Compressed-air supply system |
| BULLETIN TYPE | : Product improvement |
| DATE | : December 14th, 2023 |
| SUBJECT | : To install additional single-check valve in auxiliaries compressed-air circuit |
| TERMS & CONDITIONS | : This document does not entitle to any reimbursement |

APPLICATION

This Product Improvement bulletin, is applicable to below mentioned units:

| Vehicle type | VIN |
|--------------|-------------------------------------|
| CX45 MY2023 | 81819→81820 81976 84001→84322 |

DESCRIPTION

Van Hool has been informed about a **harmless** phenomenon regarding the front entrance door when the air suspension raising system is activated. Investigation has shown that when the raising system is activated, air is pulled out of the front passenger compressed-air circuit causing the quick release valve in that circuit to momentary switch. This can be noticed by a short soft sound of escaping air.

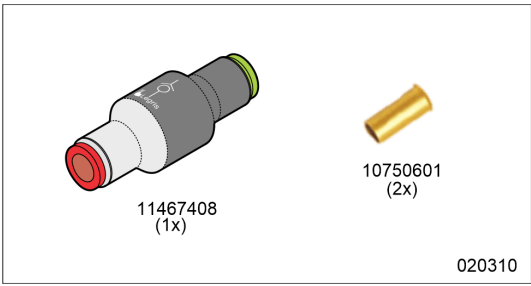
This service bulletin gives step-by-step instructions how to install an additional single-check valve to prevent this phenomenon from happening.



Figure 1: In compartment ahead of left front wheel, location of additional single-check valve (= new situation)

Continued on next page.

COMPONENTS

| Parts of retrofit kit VH11896275 | | |
|--|---|--------------|
|  | | |
| VH Reference | Description | Qty.* |
| 11467408 | Single-check valve | 1 |
| 10750601 | Brass tube support for 8 mm dia. plastic line | 2 |

*Suited for one vehicle

GENERAL INSTRUCTIONS FOR CUTTING A PLASTIC AIR TUBE

When cutting plastic air tubes, it is important to produce a square-end, free of any burrs, either on the outside or inside. Plastic air tubes should be cut with purpose-made cutting pliers, never with ordinary cutting pliers or a hacksaw.

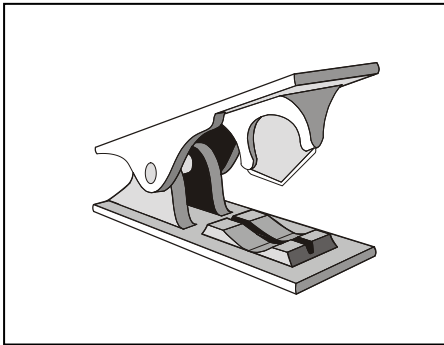


Figure 3: Example of a cutter for soft plastic tubing

JOB REQUIREMENTS

This job has to be carried out by an experienced automotive mechanic.

PREPARATIONS

- Park the coach on a level-surfaced service pit.
- Apply the parking brake and shut down the engine.
- Switch off all systems and turn off the battery master switch.
- Turn off the mechanical battery switch.
- Put a "DO NOT OPERATE" tag on the instrument panel.
- **Read the entire procedure before beginning to work.**



WARNING!

Observe safe shop practices at all times.

Continued on next page.

PROCEDURE


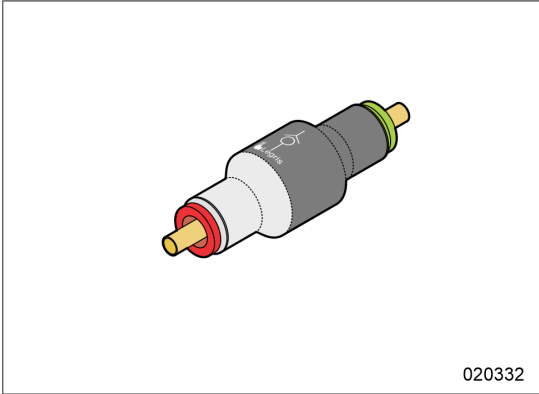
| Step | Action |
|-------------|--|
| 1 | Depressurize the auxiliaries compressed-air circuit by means of the drain valve on the auxiliaries tank. For the exact location of the compressed-air tanks, refer to the vehicle maintenance manual. |
| 2 | Open the compartment ahead of the front left wheel. |
| 3 | <p><i>NOTE: Several air tubes are connected to the distribution block. Only one has a 8 mm diameter!</i></p> <p>Locate the 8 mm dia. air tube connected to the distribution block. Remove some cable ties to free the 8 mm dia. air line from the other air tubes.</p>  |
| 4 | <p>Take the single-check valve and both brass tube supports from the kit. Insert the brass tube supports into the single-check valve housing as far as possible.</p>  |

Figure 4: In compartment ahead of left front wheel, location of 8 mm dia. air line

Figure 5: Single-check valve with brass tube supports installed

Continued on next page.

5

Cut the 8 mm dia. air tube and install the single-check valve provided with the brass tube supports from the kit. Pay attention to the mounting direction of the single-check valve. The green ring on the single-check valve must be located at the distribution block side.



Figure 6: Orientation of single-check valve (green ring must be located at distribution block side)

DISCLAIMER

The procedures contained herein are not exclusive. Van Hool cannot possibly know, evaluate, or advise the transportation industry of all conceivable ways in which a procedure may be undertaken or of the possible consequences of each such procedure. Other procedures may be as good, or better, depending upon the particular circumstances involved. Each carrier who uses the procedures herein must first satisfy itself thoroughly that neither the safety of its employees or agents, nor the safety or usefulness of any products, will be jeopardized by any procedure selected.

INFORMATION HANDLING

Important additions and modifications regarding technical information not yet included in the manual will be communicated through Service Bulletin.

VAN HOOL CUSTOMER PORTAL

Consult the customer portal regularly for the latest service documentation. Beside the maintenance manual, you will also find the operating manual and the spare parts catalogue of your vehicle on the customer portal. The customer portal is accessible through www.vanhool.be, and only with a code (password) from Van Hool. If you do not have a password yet, request it by using the link on the Van Hool website.