

ADDRESSEES	: Owners and operators of coaches listed under “Application” ABC Customer Care and Parts Source
VEHICLE MODEL	: CX45 with electric cooling fan drive
MANUAL CHAPTER	: 2.46 Traction engine – Accessory drive
BULLETIN TYPE	: Product Improvement
DATE	: April 29 th , 2025
SUBJECT	: Introduction of refrigerant compressor bracket reinforced anchoring point
TERMS & CONDITIONS	: This service bulletin does not entitle to any reimbursement.

APPLICATION

This product improvement bulletin applies to:

Vehicle model	Vehicle identification number
CX45 MY2023	81819→81820, 81976, 84001→84431
CX45 MY2025	84442→84647, 84750

DESCRIPTION

VDL Van Hool has introduced in production a reinforced anchoring point for the refrigerant compressor bracket. Customers who want to install this reinforced anchoring point can follow the step-by-step instructions mentioned in this service bulletin.

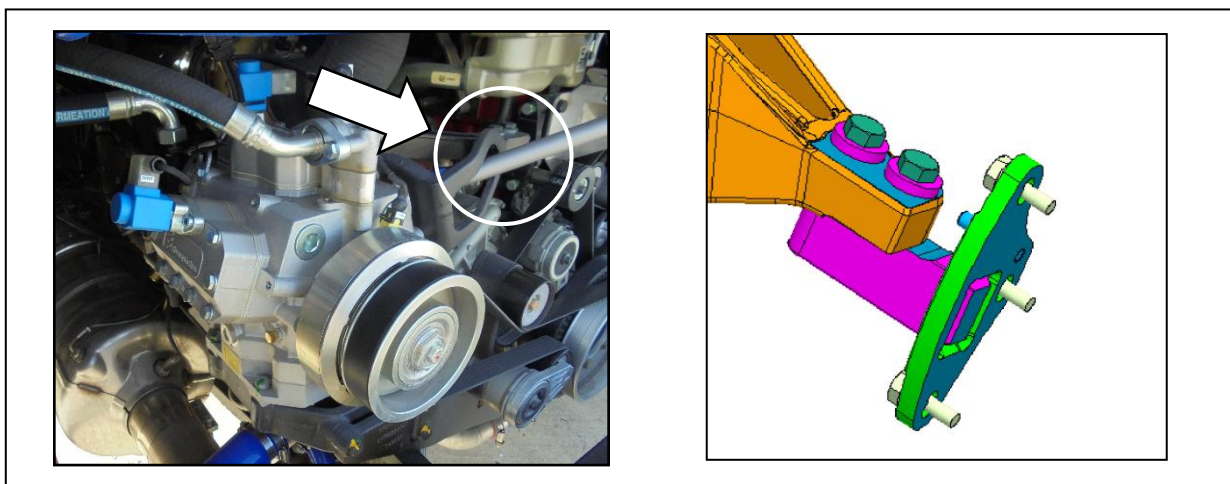


Figure 1: Refrigerant compressor bracket anchoring point (current set-up)

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COMPONENTS

Retrofit kit VH11917982		
<p style="text-align: center;">020578A</p>		
Figure 2		
VH Reference	Description	Qty.*
11917717	Anchoring point	1
11701143	Flanged screw M10x1.5mm; grade 10.9; length 40 mm (to secure anchoring point to engine block)	3
11782711	Flanged screw M12x1.75mm; grade 10.9; length 60 mm (to secure refrigerant compressor bracket to anchoring point)	2
660629203	Spacer	2
11764823	Cable clamp	1
11878947	Flanged screw M6x1 mm; length 16 mm (to secure cable clamp to anchoring point)	1

* Suited for one vehicle

JOB QUALIFICATION

The task has to be carried out by an experienced automotive technician.

SPECIAL TOOLS, EQUIPMENT OR SERVICES

No special tools, equipment or services required.

PREPARATIONS

- Park the coach on a level-surfaced service pit.
- Apply the parking brake and shut down the traction system.
- 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.

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PROCEDURE

Step	Action
1	Open the engine compartment rear access door.
2	Remove the original anchoring point.
3	<p>Install the reinforced anchoring point from the kit as follows:</p> <ol style="list-style-type: none"> Secure the reinforced anchoring point to the engine block by using the three M10 flanged screws (VH11701143) from the kit. To become a tension-free installation at the end, only hand-tighten the three screws at this stage! Place the spacers (VH660629203) from the kit onto the two M12 flanged screws (VH11782711) from the kit. Do not reinstall the old spacers! Apply Loctite 243 on the thread of the two M12 flanged screws. Install the two M12 flanged screws (provided with new spacers) to secure the refrigerant compressor bracket to the anchoring point. To become a tension-free installation at the end, only hand-tighten the two screws at this stage! Finally tighten the three M10 flanged screws to 60 ± 9 Nm (44 ± 7 ft.lbf). Finally tighten the two M12 flanged screws to 100 ± 15 Nm (75 ± 10 ft.lbf). Secure the nearby electrical cable with the cable clamp (VH11764823) from the kit to the reinforced anchoring point. Tightening torque of M6 flanged screw (VH11878947): $8,6 \pm 1$ Nm (6 ± 0.7 ft.lbf) <div data-bbox="518 1014 1220 1523" style="text-align: center;"> </div> <p style="text-align: right;">Figure 3</p>
4	Close the engine compartment rear access door.

End of procedure.

HELP DESK

If there are any questions, please call ABC Customer Care & Parts Source toll-free for guidance on 1-877-427-7278. Listen for the prompts for warranty and select that option.

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DISCLAIMER

The procedures contained herein are not exclusive. VDL 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 methods may be equally reasonable or even more effective, depending on the specific circumstances involved. Each carrier that uses the procedures herein must thoroughly ensure 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 supplements to and modifications of technical information not yet included in the manual, are communicated by means of Service Bulletins.

VDL 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.vdlvanhool.com/My VDL Van Hool, and only with a code (password) from VDL Van Hool. If you do not have a password yet, request it by using the link on the VDL Van Hool website.