

ADDRESSEES	: Owners and operators of coaches listed under “Application” ABC Customer Care and Parts Source
VEHICLE MODEL	: CX35 MY2020, CX45 MY2020, CX45 MY2023, CX45 E, TDX25 E
MANUAL CHAPTER	: 08.02 Climate control – Control system
BULLETIN TYPE	: Product Improvement
DATE	: June 07 th , 2023
SUBJECT	: Introduction of lower value resistor in defroster fan speed control circuit
TERMS & CONDITIONS	: This service bulletin does not entitle to any reimbursement.

APPLICATION

This product improvement bulletin applies to:

Vehicle model	Vehicle identification number
CX35	49983→49999, 83001→83079
CX45	81456→81465, 81471→81513, 81539→81558, 81579→81820, 81936→81971, 81975→81976, 84001→84120
CX45 E	81000, 82000 → 82048
TDX25 E	89500 → 89557

DESCRIPTION

Van Hool has introduced in production a lower value resistor in the defroster fan speed control circuit to improve windshield demisting. Customers who want to install this resistor can follow the step-by-step instructions mentioned in this service bulletin.

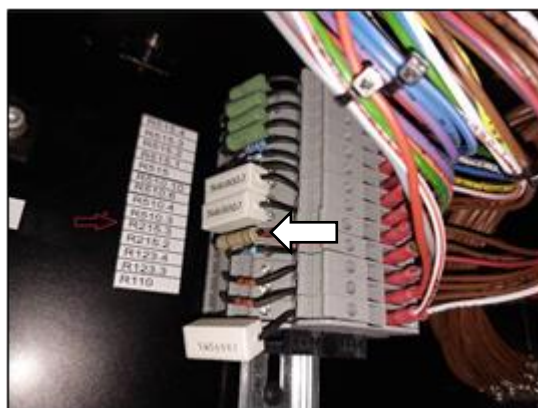


Figure 1:-Location of resistor R215.3 in EKV (CX35/CX45/CX45E)

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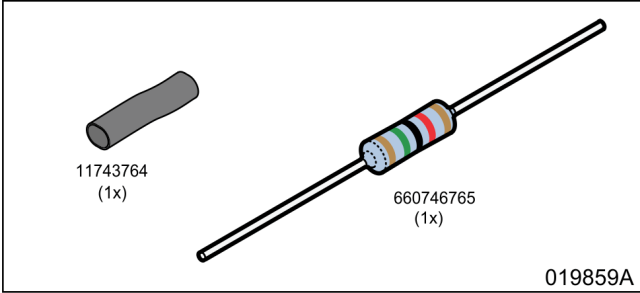
LOCATION OF RESISTOR R215.3

Vehicle model	Junction box
CX35	EKV
CX45	EKV
CX45 E	EKV
TDX25 E	EK1

JOB QUALIFICATION:

The task has to be carried out by an experienced automotive technician, trained in electrical works.

COMPONENTS:

Component of retrofit kit VH11862486		
 <p>Figure 2</p>		
VH reference	Description	Quantity*
660746765	Resistor 15K Ohm/0.5W	1
11743764	Heat shrink tubing (length: 10 cm/4 inch)	1

* Sufficient for one vehicle

PREPARATIONS:

- Park the vehicle on a level floor.
- Apply the parking brake.
- Switch off the engine
- Switch off all systems and turn off the battery master switch on the dashboard.
- Put a "DO NOT START" warning message on the instrument panel before starting the checks or repairs.
- **Read the entire procedure before starting to work.**



WARNING!

Observe safe shop practices at all times.

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PROCEDURE:

Step	Action
1	Insulate the two wire leads of the 15K Ohm/0.5W resistor from the kit with a piece of heat shrink tubing from the kit so that only approx. 1 cm (0.4 inch) remains free for connection.
2	<ul style="list-style-type: none">• In junction box EKV for CX35/CX45/CX45E vehicles: replace the current resistor R215.3 by the 15K Ohm/0.5W resistor from the kit.• In junction box EK1 for TDX25E vehicles: replace the current resistor R215.3 by the 15K Ohm/0.5W resistor from the kit.

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.

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 supplements to and modifications of technical information not yet included in the manual, are communicated by means of Service Bulletins.

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.