

ADDRESSEES	: ABC Customer Care and Parts Source Owners and operators of vehicles mentioned under "Application"
VEHICLE TYPE	: CX45 and TX45 with Detroit Diesel DD13 EPA2016 engine
CONFIGURATION GROUP	: 2.22 Traction engine – Air intake system
BULLETIN TYPE	: Service Information
DATE	: November 29th, 2017
SUBJECT	: To check security of engine air intake pipe bracket
CONDITIONS	: This service bulletin does not entitle to any reimbursement.

APPLICATION:

This service information bulletin is applicable to some CX45 and TX45 vehicles equipped with Detroit Diesel DD13 EPA2016 engine. From following units onwards Van Hool has already improved the installation by using shorter screws:

Model	VIN
TX45	41231→41234, 41541→41554, 41556→41557, 41560→
CX45	49415→49416, 49422→

DESCRIPTION:

It has been determined that on a number of vehicles the engine air intake bracket (refer to figure 1 for location of bracket) is possibly not properly secured to the engine. Due to production tolerances, the 25 mm (1 inch) long screws can bottom out before the screw head is tight against the bracket.



Figure 1: Location of bracket

To address this issue it is necessary to check the security of the bracket during the next service interval at the latest in order to ensure system performance.

Please refer to the procedure below for further instructions.

Continued on next page

SPECIAL TOOLS, EQUIPMENT OR SERVICES:

No special tools, equipment or services required.

JOB QUALIFICATION:

No special job qualification required.

PREPARATIONS:

- Make sure that the parking brake is applied and stop the engine.
- Switch off all systems and turn off the battery isolation switch on the dashboard.
- Open the mechanical battery isolation switch.
- Install a "DO NOT OPERATE" warning message on the instrument panel.
- Put chocks in front of and behind the drive axle wheels.
- **Read the entire procedure before starting to work.**



WARNING!

Observe safe shop practices at all times.

PROCEDURE:

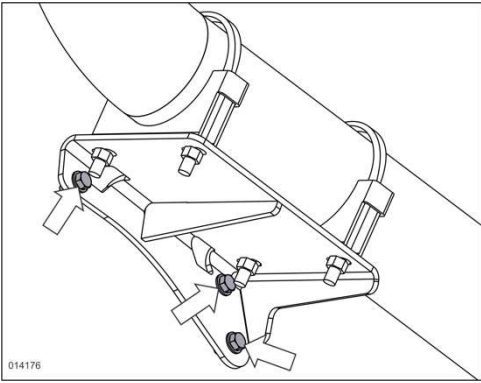
Step	Action
1	Open the engine compartment rear access door.
2	Check the security of the bracket.
3	Add M8 washers under the screw heads as needed, to make sure that the screw does not bottom out. Tightening torque: 14.5 ft.lbf (21 Nm). 
4	Re-check the security of the bracket.
5	Close the engine compartment rear access door.

Figure 2

End of procedure.

Continued on next page.

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. In addition to 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.