



# SERVICE BULLETIN

SB1285

<b>ADDRESSEES</b>	: ABC Customer Care and Parts Source Owners and operators of coaches listed under 'Application'
<b>VEHICLE MODEL</b>	: CX45, TX40, TX45
<b>MANUAL SECTION</b>	: 10.62 Body and accessories - Seats
<b>BULLETIN TYPE</b>	: Field Change Program
<b>DATE</b>	: March 4th, 2016
<b>SUBJECT</b>	: <b>To check anchorage of passenger seats</b>
<b>TERMS &amp; CONDITIONS</b>	: Refer to the warranty section further in this Bulletin.

## APPLICATION

The Field Change Program, subject of this Bulletin is applicable to below mentioned vehicles. These vehicles have passenger seats of manufacturer Amaya installed.

Model	VIN
CX45	48315→48316, 48370, 48372, 48374, 48411→48413, 48415, 48441, 48481→48484, 48523→48525, 48527, 48551→48552, 48554→48555
TX40	41205
TX45	41103→41104, 41110→41111, 41132, 41149, 41153→41156, 41159→41160, 41182→41183, 41191→41192, 41194→41195, 41274, 41286, 41303, 41306→41307, 41325

## DESCRIPTION

- On above mentioned vehicles it can be possible that too short Tee-bolts are used to secure the fixed seats.
- To address this issue, Van Hool is conducting a Field Change Program, the terms and conditions of which are explained further on under "Warranty".
- Owners and operators of the affected units should first check the anchorage of all passenger seats (except rear bench seats) and, if necessary, change the fastening system.

## PASSENGER SEAT ANCHORAGE SYSTEM

- With the exception of the rear bench seat assembly, all fixed passenger seat assemblies are secured to the floor and the sidewall with special Tee-bolts, washers and self-locking nuts.
- The rear bench seat assembly is bolted to reinforcing U-channels built into the rear pedestal.

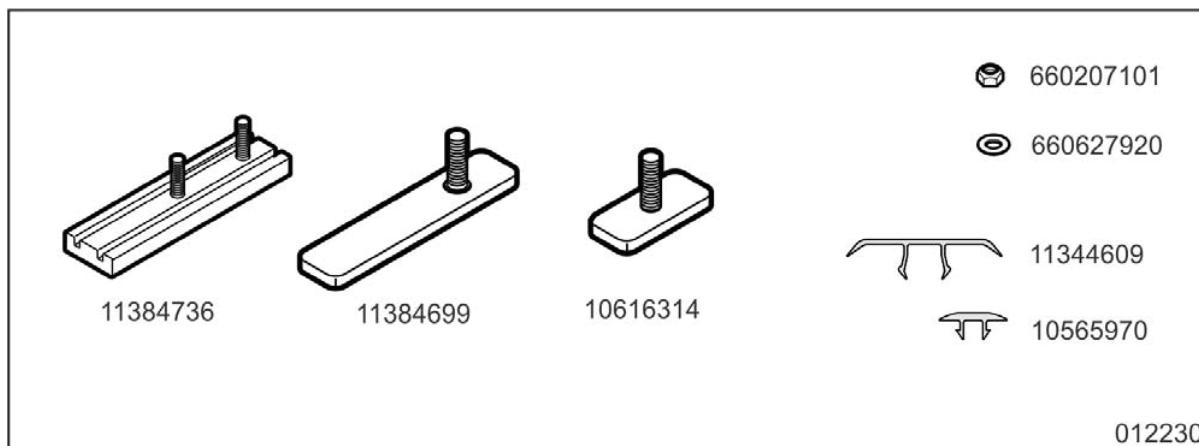
*Continued on next page*

## **MATERIAL**

### **Retrofit kit for proper anchoring of passenger seats**

<b>VH Reference</b>	<b>Description</b>	<b>Qty.</b>
11384736	Double Tee-bolt, M10x1.5x40mm, length 150mm (5.9 inch)	54*
10616314	Single Tee-bolt, M10x1.5x30mm, length 50mm (1.97 inch)	27*
11384699	Single Tee-bolt, M10x1.5x30mm, length 130mm (5.12 inch)	27*
660207101	Self-locking nut, M10x1.5	162*
660627920	Washer	162*
11344609	Trim molding for seat floor track, length 3m (10ft.)	8
10565970-30000	Trim molding for seat wall track	30m (100ft)

\*Quantity suited for 27 seat assemblies



**Figure 1: Identification of fixation components**

## **PREPARATIONS:**

- Park the coach on a level surface with the front wheels straight.
- Apply the parking brake and shut down the engine.
- Switch off all systems and turn off the battery master switch.
- Put a “DO NOT OPERATE” tag on the steering wheel.



## **CAUTION!**

**Observe safe shop practices at all times.**

*Continued on next page*

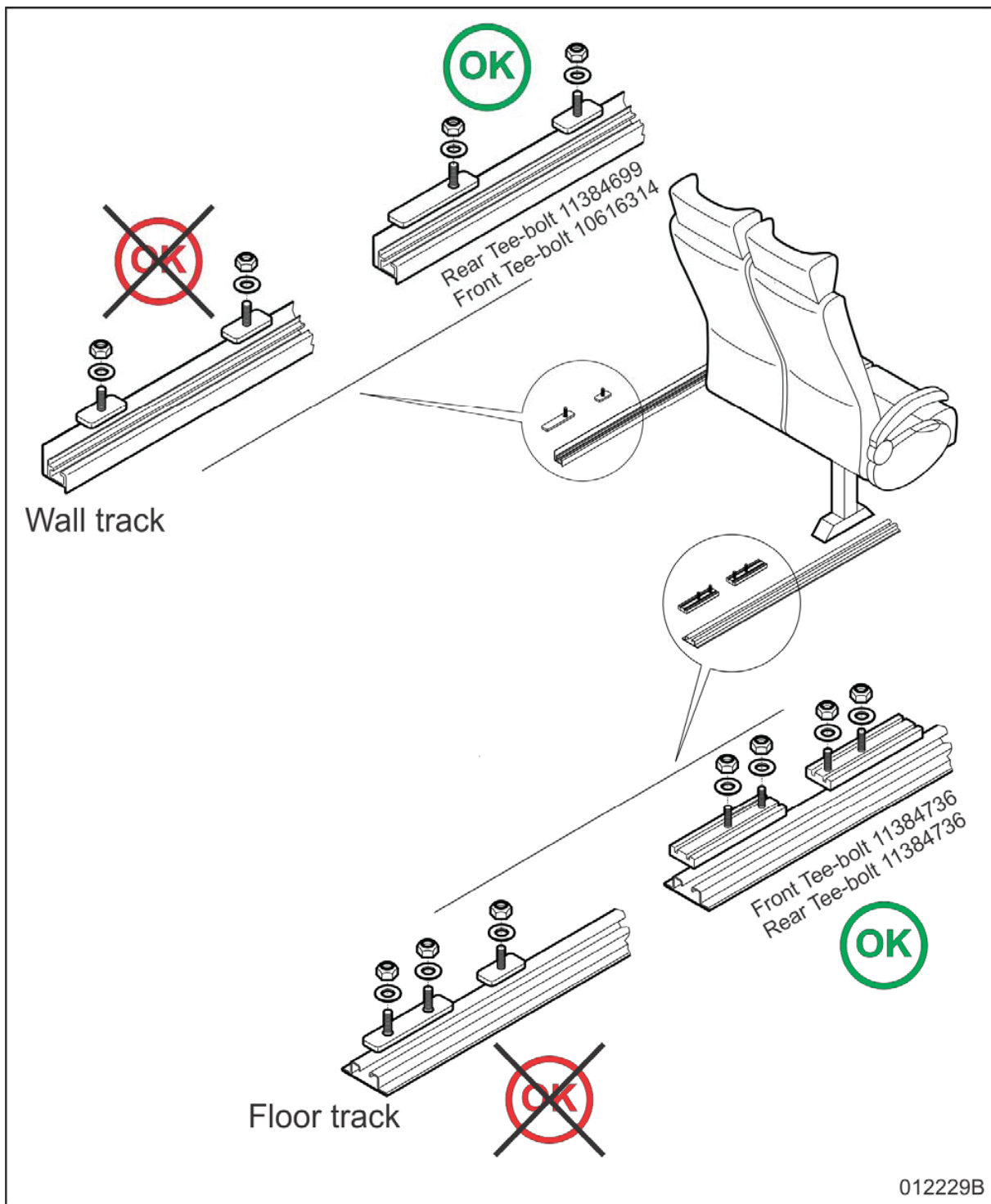


Figure 2: Proper fasteners to anchor passenger seats

Continued on next page

## **PROCEDURE:**

<b>Step</b>	<b>Action</b>
<b>1</b>	Check for the presence of the proper Tee-bolts (refer to figure 2).  Are the proper Tee-bolts installed? <ul style="list-style-type: none"><li>• If so, no further action required.</li><li>• If not, go to step 2.</li></ul>
<b>2</b>	Change the Tee-bolts. <ul style="list-style-type: none"><li>a. At the rear of the seat track in the floor, undo and remove the self-tapping screws securing the end cap to the floor. Remove the cap. Pry out the trim molding from the seat track in the floor.</li><li>b. Pry out the trim molding from the seat track in the sidewall.</li><li>c. Mark the position of the seats on the floor.</li><li>d. Undo and remove the locknuts and washers securing the seat to the floor track and sidewall track.</li><li>e. Put the seat assembly aside.</li><li>f. Do this for all seats at that side.</li><li>g. Slide all Tee-bolts out of the seat tracks.</li><li>h. Slide the proper Tee-bolts in the rails (refer to figure 2 for proper location and orientation of the Tee-bolts).</li><li>i. Reinstall the seat assemblies using new washers and locknuts. Tighten the Tee-bolt locknuts to a torque of 60 Nm (44 ft.lbf).</li><li>j. Install the trim molding into the seat tracks using a soft-faced mallet.</li></ul>

## **WARRANTY:**

### **1. Terms and conditions:**

Van Hool will accept warranty claims for this repair as follows:

**Parts:** parts will be supplied through regular channels, free of charge.

**Labor allowance:** 16 hours for labor will be awarded per coach repaired.

**Campaign expiration date:** Service Bulletin issue date + 1 year.

### **2. Claim references:**

- Causal part: 11384736
- Job code: M54007A

**Claim submission:** Contact ABC Customer Care Warranty Department for guidance.

**Monitoring and performance:** The claim records pertaining to this Bulletin will be used to determine that the remedy has been executed in accordance with the manufacturer's instructions and to evaluate the status of this Field Change Program.