



SERVICE BULLETIN

SB1266

ADDRESSEES	: Owners and operators of coaches listed under 'Application'
VEHICLE MODEL	: TX40-TX45
SYSTEM/SUBSYSTEM	: 9.6 Occupant protection systems – Driver seat belt
BULLETIN TYPE	: Safety Recall NHTSA 14V-304
DATE	: September 05th, 2014
SUBJECT	: Driver seat belt assembly – To modify attachment to B-pillar
TERMS & CONDITIONS	: Refer to the warranty section further in this Bulletin.

APPLICATION:

The recall campaign, subject of this Bulletin is applicable to following units:

Model	VIN
TX40	41200 → 41208
TX45	41100 → 41169
	41175
	41180
	41182 → 41191
	41193 → 41195
	41261

DESCRIPTION:

1. Van Hool has determined that the driver seat belt assembly may not be properly secured to the B-pillar anchorage on the vehicles listed above. The cap screws securing the driver seat belt to the anchorage points on the B-pillar may come loose.
2. On the vehicles listed above, it is necessary to modify the attachment of the driver seat belt to the anchorage points on the B-pillar. This modification will properly secure the driver seat belt to the B-pillar. For this purpose, a new attachment kit has been made available. Refer to the procedure in this Service bulletin for fitting instructions. The terms and conditions of the campaign have been detailed in the warranty section.

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MATERIAL:

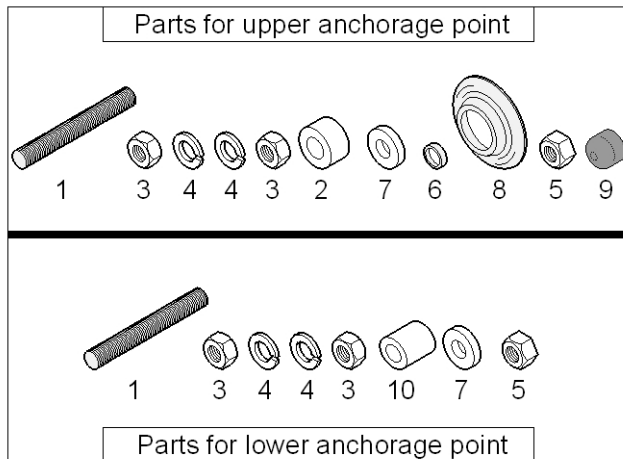


Figure 1: Attachment kit (VH11426606)

VH reference	Description	Qty	Position in figure 1
Parts for upper anchorage point			
11420671	Threaded rod 7/16-20 UNF; length 3.35"	1	1
92105480	Distance bushing 1" OD, 1/2" ID; length 0.55"	1	2
10898447	Hexagonal nut 7/16-20 UNF	2	3
660636600	Spring washer M12	2	4
11417798	Self-locking nut 7/16-20 UNF	1	5
11420672	Pivoting bushing 0.55" OD, 0.43" ID; length 0.4"	1	6
660628815	Flat washer 1"	1	7
11423607	Cover	1	8
10666305	Nut cap	1	9
Part for lower anchorage point			
11420671	Threaded rod 7/16-20 UNF; length 3.35"	1	1
10898447	Hexagonal nut 7/16-20 UNF	2	3
660636600	Spring washer M12	2	4
11417798	Self-locking nut 7/16-20 UNF	1	5
660628815	Flat washer 1"	1	7
11420670	Distance bushing 1" OD, 1/2" ID; length 0.87 in	1	10

Material will be shipped free of charge on a per unit basis.

PROCEDURE: To install the new attachment kit

1. General:

- Job technician's qualifications/expertise: automotive

2. Special tools, equipment or services:

This job requires the use of:



- a 1 1/16 in. crows foot socket
- a home-made hook tool (see further on in the text)
- a hammer and wedge
- a 1 1/8 in. dia. hole saw

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3. Preparations:

- Park the vehicle safely, apply the parking brake, stop the engine, switch off all systems and turn off the master switch on the dashboard.
- Put a “DO NOT OPERATE” tag on the instrument panel.
- Read the entire procedure before beginning to work.
- Observe safe shop practices at all times.

4. To install new attachment kit:


Step	Action
1	Remove the driver seat belt at its upper and lower anchorage points on the B-pillar.
2	Remove the trim around the driver's sliding window by pulling it loose. 
3	Remove the driver's roller blind. 

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4 Remove the horizontal intermediate trim above the driver's window by pulling it loose.




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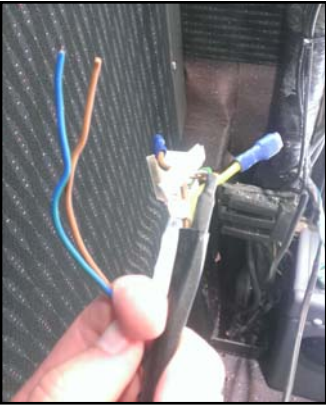



 **CAUTION!**

To avoid damage (cracks) to the B-pillar cover, do not use extreme force during removal.




Remove the B-pillar cover by pulling it carefully. Use the home-made hook tool (see figure below) during removal.



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<p>6</p>	<p>Disconnect the wires for the map light and microphone jack. The map light wires may be soldered together. In this case, cut these wires and replace soldered connection with a two pin harness style connection.</p> <div style="display: flex; justify-content: space-around;">   </div>
<p>7</p>	<p>Take away the complete B-pillar cover.</p> 
<p>8</p>	<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;">  </div> <div> <p>CAUTION!</p> <p>To keep the hole saw in the center of the hole while performing this step, use a wooden block secured to the back of the B-pillar cover to secure the arbor in the middle of the holes to be widened.</p> <p>Widen, by boring with the 1 1/8 in. hole saw, both top and bottom holes for the seat belt anchorage points in the B-pillar cover. Clean excess plastic from hole with light sandpaper.</p> </div> </div> 

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<p>9</p>	<p>Remove the old seat belt hardware and wooden blocks from the upper and lower anchorage plates. Removal of the factory foam is optional.</p> 
<p>10</p>	<p>Upper anchorage point: install new attaching hardware with the threaded rod of the attachment kit to the upper anchorage plate by using a hexagon nut and a lock washer at both sides of the plate. Tighten the nuts to a torque of 60 Nm (45 ft.lbf) using a crows foot socket to reach the back nut. Ensure that 2 in. of the threaded rod is exposed on the driver's seat side of the bracket. Measure from the top of the hexagon nut, and not from the bracket itself, to ensure 2 in. is exposed.</p> 
<p>11</p>	<p>Upper anchorage point: slide the smaller distance bushing on the threaded rod.</p> 

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Lower anchorage point: repeat installation procedure performed to the upper anchorage point to the lower anchorage point. Install new attaching hardware with the threaded rod of the attachment kit to the lower anchorage plate by using a hexagon nut and a lock washer at both sides of the plate. Tighten the nuts to a torque of 60 Nm (45 ft.lbf) using a crows foot socket to reach the back nut. Ensure that 2 in. of the threaded rod is exposed on the driver's seat side of the bracket. Measure from the top of the hexagon nut, and not from the bracket itself, to ensure 2 in. is exposed. Slide the longer distance bushing and flat washer onto the threaded rod.



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CAUTION!

Do not forget to reconnect the electric wires when performing this step.

Replace the B-pillar cover. Use a hammer and a wedge to push it sufficiently home at the edges!



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<p>14</p>	<p>Upper anchorage point: slide the flat washer on the threaded rod. Apply some adhesive or double sided tape at the back of the cover and install it on the B-pillar cover.</p> <div style="display: flex; justify-content: space-around;">   </div>
<p>15</p>	<p>Upper anchorage point: slide the pivoting bushing on the threaded rod. Install the fixing triangle of the seat belt over the pivoting bushing. Secure the seat belt by using the self-locking nut. Tighten the nut to a torque of 50 Nm (37 ft.lbf). Apply some adhesive at the inside of the nut cap and install the cap.</p> <div style="display: flex; justify-content: space-around;">   </div>
<p>16</p>	<p>Lower anchorage point: slide the seat belt retractory assembly over the threaded rod screw. Secure the retractor by using a self-locking nut. Tighten the nut to a torque of 50 Nm (37 ft.lbf). Click the decorative cap over the belt retractor.</p> <div style="display: flex; justify-content: space-around;">   </div>
<p>17</p>	<p>Re-install the horizontal intermediate trim above the driver's window.</p>
<p>18</p>	<p>Re-install the driver's roller blind.</p>
<p>19</p>	<p>Re-install the ABS-trim around the driver's sliding window.</p>

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ATTACHMENTS:

None

WARRANTY:

1. Application:

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Model	VIN
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TX45	41100 → 41169
	41175
	41180
	41182 → 41191
	41193 → 41195
	41261

2. Terms and conditions:

Van Hool/ABC-Companies will accept warranty claims for this repair as follows:

Parts:

- Supply: parts will be supplied through regular channels, free of charge.
- Return: none

Labor allowance: 1 hour of labor will be awarded per unit repaired.

Campaign/target date: Service Bulletin issue date + 1,5 year

3. Claim references:

- Job code: M543174H

Claim submission: If there are any questions regarding this campaign, 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.

INFORMATION HANDLING:

Important supplements to and modifications of the technical information not yet included in the Van Hool manuals are communicated by means of Service Bulletins.

File the Service Bulletins at the back of your manual, in numerical order.

To make sure that you will be reminded of the Bulletins that have appeared in the meantime while paging the manual, mark the pages concerned by hand with the Service Bulletin number.