



SERVICE BULLETIN

SB1402

ADDRESSEES	: ABC Customer Care and Parts Source Owners and operators of coaches listed under 'Application'
VEHICLE MODEL	: TD925US, TDX25US
SYSTEM/SUBSYSTEM	: 10.06 Interior lighting equipment
BULLETIN TYPE	: Field Change Program
DATE	: October 12 th , 2017
SUBJECT	: Parcel-rack lighting electrical circuit modification
TERMS & CONDITIONS	: Refer to the warranty section further in this bulletin.

APPLICATION:

The field change program, subject of this Bulletin, is applicable to some vehicles of the below mentioned models:

TD925US	TDX25US
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DESCRIPTION:

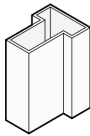
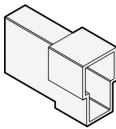
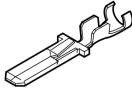
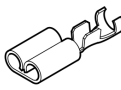
Van Hool has determined that the parcel-rack lighting circuit is not well executed due to an error in the production process.

On TD925 vehicles, a connection in the parcel-rack lighting circuit is inadequate. The splicing of the electrical wires has been executed by twisting the strands together and insulating them with electrical tape instead of using a connector. Also neighbouring spare wires were mistakenly put together in the same connection. This situation can result in arching and overheating when the parcel-rack lighting circuit is energized and one of the spare wire ends is grounded. Follow the step-by-step instructions mentioned under "To modify TD925 parcel-rack lighting circuit". The necessary parts are listed in the table on page 2.

On TDX25US vehicles, a 4-pin connector with loose wires has not been removed as it should have been. This may result in arching and overheating when the parcel-rack lighting circuit is energized and one of the loose wire ends is grounded. Follow the instructions mentioned under "To modify TDX25 parcel-rack lighting circuit". No parts are necessary for TDX25 vehicles.

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MATERIAL:

Parts to modify parcel-rack lighting circuit on TD925US vehicles		
<div><div> 660768403 (2x)</div><div> 660768404 (2x)</div><div> 660766313 (2x)</div><div> 660766300 (2x)</div></div> <p>013378A Figure 1</p>		
VH Reference	Description	Qty.
660768403	Connector socket	2
660768404	Connector plug	2
660766300	Cable terminal	2
660766313	Cable terminal	2

JOB REQUIREMENTS:

Job technician's qualifications/experience: electricity, body and trim repair.

SPECIAL TOOLS, EQUIPMENT OR SERVICES:

This job requires no special tools, equipment or services.

PREPARATIONS:

- Make sure that the parking brake is applied and stop the engine.
- 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!



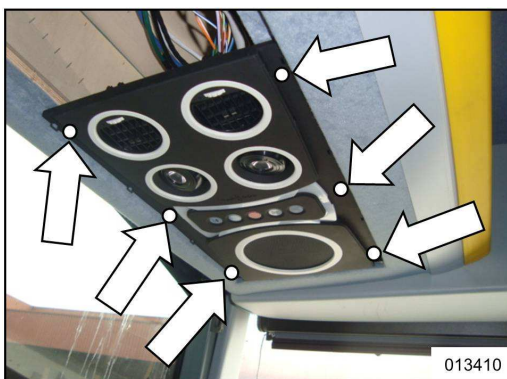
Observe safe shop practices at all times.

TD925US: PROCEDURE TO MODIFY PARCEL-RACK LIGHTING CIRCUIT

Step	Action
1	Lower the left frontmost passenger service unit of the upper deck as explained under "STEP 1 IN DETAIL".
2	Modify the two white cable bundles located above the left frontmost passenger service unit as explained under "STEP 2 IN DETAIL".
3	Reinstall the left frontmost passenger service unit of the upper deck. To this end, carry out the instructions explained under "STEP 1 IN DETAIL" in reverse order.
4	Notify ABC Companies by mail. Write the text "SB1402 executed for VIN....." in the mail and send the mail to warranty@abc-companies.com .
5	For ABC Companies only: register through the registration button located behind the Service Bulletin on the Van Hool customer portal. Write the text "SB1402 executed" in the field "Remark". Labor allowance will only be awarded after Van Hool has received the registration.

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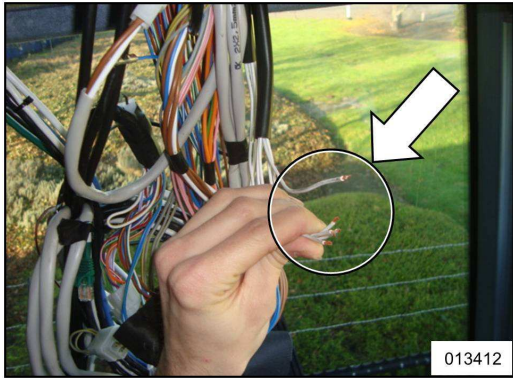
STEP 1 IN DETAIL: To lower left frontmost passenger unit

Step	Action
1.1	<p>Remove the parcel-rack trim panel located behind the left frontmost passenger unit.</p>  <p>013408 Figure 2</p>
1.2	<p>Remove the trim covers at the LHS and RHS of the passenger service unit.</p>  <p>013409 Figure 3</p>
1.3	<p>Remove the six fixing screws and lower the passenger service unit.</p>  <p>013410 Figure 4</p>

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STEP 2 IN DETAIL: To modify two white cable bundles

The following steps must be performed for both wire bundles.

Step	Action
2.1	<p>Locate the two bundles of five white electric wires.</p>  <p>013637 Figure 5</p>
2.2	<p>Separate the 5 white electric wires of one bundle and strip back their ends.</p>  <p>013412 Figure 6</p>
2.3	<p>Turn on the master switch and switch on the upper-deck interior lighting on the dashboard. Search for the wire under current of the bundle and mark this wire.</p>
2.4	<p><i>NOTE: Vehicles with standard roof have two spare wires installed, vehicles with glass roof have one spare wire installed.</i></p> <p>Mark the wires of the parcel rack lighting circuit as follows:</p> <ol style="list-style-type: none">Hold the wire under current to one of the other white wires and check if the parcel rack lighting is illuminating.Tag the wire with masking tape if the parcel rack lighting illuminates. Don't tag in case of a spare wire.Repeat step "a" and "b" for the other wires of the bundle.
2.5	<p>Switch off the upper-deck interior lighting on the dashboard.</p>
2.6	<p>Cut the stripped end of the not marked wire(s) and insulate the ends with electrical tape.</p>


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<p>2.7</p>	<p>Connect the electric wires of the parcel rack lighting circuit as follows:</p> <ol style="list-style-type: none"> Crimp two of the marked white electric wires to cable terminal 660766313 from the kit. Crimp the two (one in case of standard roof) remaining marked white electric wires to cable terminal 660766300 from the kit. Introduce the cable terminals into the connector plug and connector socket from the kit in a way that the electric wires are connected to each other when the connector parts are connected. Connect the 2-pin connector. <div data-bbox="628 501 1145 882" data-label="Image"> </div> <p style="text-align: right;">013715 Figure 7</p>
<p>2.8</p>	<p>Test the functioning of the parcel rack lighting.</p>

TDX25US: PROCEDURE TO MODIFY PARCEL-RACK LIGHTING CIRCUIT

Step	Action
<p>1</p>	<p>Remove the ABS cover in front of the LH evaporator.</p> <div data-bbox="628 1146 1145 1523" data-label="Image"> </div> <p style="text-align: right;">013414 Figure 8</p>
<p>2</p>	<p>Remove the metal access panel.</p> <div data-bbox="628 1585 1145 1962" data-label="Image"> </div> <p style="text-align: right;">013415 Figure 9</p>

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3	<p>Locate the white 4-pin connector at the back of the compartment.</p>  <p style="text-align: right;">013416 Figure 10</p>
4	<p>Disconnect the 4-pin connector and remove the wires together with the connector plug.</p>
5	<p>Notify ABC Companies by mail. Write the text "SB1402 executed for VIN....." in the mail and send the mail to warranty@abc-companies.com.</p>
6	<p>For ABC Companies only: register through the registration button located behind the Service Bulletin on the Van Hool customer portal. Write the text "SB1402 executed"" in the field "Remark". Labor allowance will only be awarded after Van Hool has received the registration.</p>

End of procedure.

WARRANTY:

1. Terms and conditions:

Part supply: parts will be supplied through regular channels, free of charge.

Labor allowance:

- For TD925US: 1 hour of labor will be awarded per coach repaired
- For TDX25US: 15 minutes of labor will be awarded per coach repaired

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

2. Claim references:

Job code: 063458N

Causal part:

- For TD925US: 660768403
- For TDX25US: 660768301

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

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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.