



# SERVICE BULLETIN

SB1325

<b>ADDRESSEES</b>	: Owners and operators of coaches listed under “Application”
<b>VEHICLE MODEL</b>	: CX35, CX45
<b>SYSTEM/SUBSYSTEM</b>	: 10.06 Exterior lighting and signaling devices – turn signals
<b>BULLETIN TYPE</b>	: Field Change Program
<b>DATE</b>	: August 25th, 2016
<b>SUBJECT</b>	: <b>To modify front turn signal lamps installation</b>
<b>TERMS &amp; CONDITIONS</b>	: Refer to the warranty section further in this Bulletin

## APPLICATION:

The subject of this Field Change Program is applicable to following units:

Model	VIN
CX35	48775 → 48843
CX45	48200 → 48774
	48875 → 49019

## DESCRIPTION:

- It has been determined that the front turn signal lamps of the above mentioned vehicles show frequently water intrusion. Investigation has shown that the contact surface for the turn signal lamp in the polyester headlight cluster protective cap is not always smooth. This roughness causes strain in the lamp unit when the fasteners are tightened. It can also bring about cracks in the lamp unit by which water can intrude.
- 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 follow the procedure below to modify the front turn signal lamps installation.

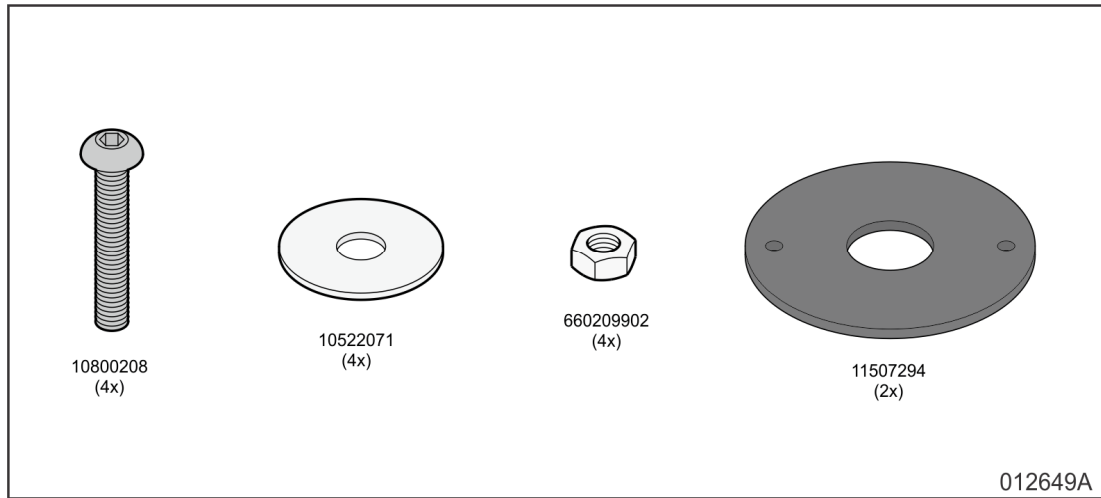
*NOTE: If you have already performed this retrofit, no action is required.*



Figure 1

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## **MATERIAL:**

Parts of retrofit kit VH 11483546		
		
<b>VH reference</b>	<b>Description</b>	<b>Qty</b>
10800208	Screw, M4 x 0.7 x 25	4
660209902	Nut, M4 x 0.7	4
10522071	Washer, flat	4
11507294	Rubber seal	2

- Material may be purchased through regular channels.
- Parts/Waste disposal: discard old material according to applicable environmental regulations.

## **JOB QUALIFICATION:**

- This job has to be carried out by an automotive technician.
- If you do not have the expertise to carry out present procedure, do not hesitate to go to your nearest ABC Customer Care & Parts Source service center.

## **SPECIAL TOOLS, EQUIPMENT OR SERVICES:**

- No special tools, equipment or services are needed.

## **PREPARATIONS:**

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



## **WARNING!**




Observe safe shop practices at all times.

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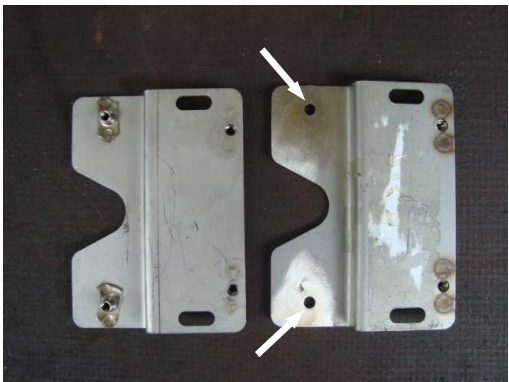
## **PROCEDURE**

<b>Step</b>	<b>Action</b>
<b>1</b>	Lower the front bumper
<b>2</b>	Remove the front turn signal lamp together with the bracket as explained under "STEP 2 IN DETAIL: To rework turn signal lamp bracket".
<b>3</b>	Check the operation of the turn signal lamp.
<b>4</b>	Close the headlight cluster protective cap and install the fixation screw.
<b>5</b>	Repeat this for the other side.


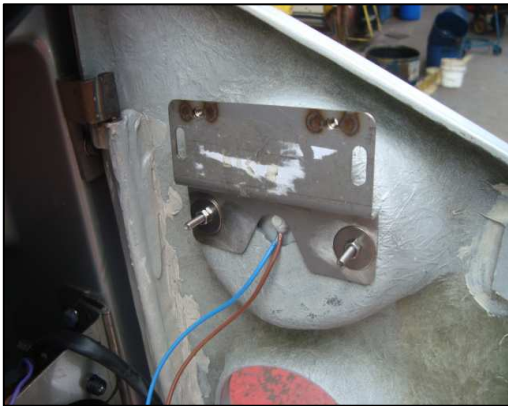

### **STEP 2 IN DETAIL: To rework turn signal lamp bracket**

<b>Step</b>	<b>Action</b>
<b>1</b>	Remove the protective cap screw.  <b>Figure 3</b>
<b>2</b>	Swing open the protective cap.  <b>Figure 4</b>
<b>3</b>	Remove the two screws holding the turn signal lamp to the bracket at the back side of the protective cap.  <b>Figure 5</b>

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4	<p>Disconnect the electrical wiring of the turn signal lamp from the vehicle wiring and take away the turn signal lamp.</p>  <p><b>Figure 6</b></p>
5	<p>Remove the daytime running lights control unit from the bracket. Keep the screws for later use.</p>  <p><b>Figure 7</b></p>
6	<p>Remove the threadbushes of the bracket by grinding. Use the existing screw holes as a pilot, widen with a 6 mm drill bit (See Figure 8).</p>  <p><b>Figure 8: Old / New bracket</b></p>
7	<p>Check the condition of the turn signal lamp unit. If necessary, replace by a new one (VH11518582).</p>

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8	<p>Install the rubber seal 11507294 from the kit together with the front turn signal lamp to the protective cap.</p>  <p><b>Figure 9</b></p>
9	<p>Secure the turn signal lamp together with the reworked bracket by using screws 10800208 (2x), nuts 660209902 (2x) and washers 10522071 (2x) from the kit to the backside of the protective cap. Maximum tightening torque: 1 Nm (0.7 ft.lbf).</p>  <p><b>Figure 10</b></p>
10	<p>Secure the daytime running light control unit at the bracket by using the original screws. Plug in the electrical connector of the turn signal lamp.</p>  <p><b>Figure 11</b></p>

*End of procedure*

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## **WARRANTY:**

### **1. Application:**

The Field Change Program, subject of this Bulletin is applicable to following units:

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CX45	48200 → 48774
	48875 → 49019

### **2. Terms and conditions:**

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

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

**Labor allowance:** 30 minutes of labor will be awarded per vehicle

**Campaign/target date:** Service Bulletin issue date + 1 year

### **3. Claim references:**

Job code: O06041N

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

## **VAN HOOL CUSTOMER PORTAL:**

Consult the Van Hool customer portal 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](http://www.vanhool.be) under "service" menu item, 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.