



# SERVICE BULLETIN No.1162

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<b>COACH BUS MODEL</b>	: T2145
<b>BULLETIN TYPE</b>	: Field Change Program
<b>MANUAL SECTION</b>	: Electrical system
<b>DATE</b>	: May 23, 2005
<b>SUBJECT</b>	: <b>Headlamp identification marks</b>
<b>TERMS &amp; CONDITIONS</b>	: Refer to the Warranty Information in this Bulletin.

## **APPLICATION:**

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

<b>Model</b>	<b>Engine</b>	<b>VIN</b>
T2145 Enhanced	Cummins	44300 → 44312
	Detroit Diesel	44617 → 44632

## **DESCRIPTION:**

1. Hella, manufacturers of the headlamps currently installed on the above-mentioned coaches, have informed Van Hool that a non-compliance exists regarding the low and high beam identification marks (see Figures 1 and 2 overleaf).
2. To address the issue, Hella are conducting a field change program, which involves sticking labels on the headlamp lens to complete the existing marks in accordance with FMVSS108.
3. Owners and operators of the affected units should change the headlamp marks of their coaches without delay as per attached Hella Technical Bulletin "SSB 448 and SSB 449".

*Description continued on next page.*

*Service personnel: please read, initial and circulate.*

<b>Service Manager</b>	<b>Parts Manager</b>	<b>Warranty Administrator</b>	<b>Workshop Foreman</b>	<b>Service Technician</b>

Description continued from page 1.

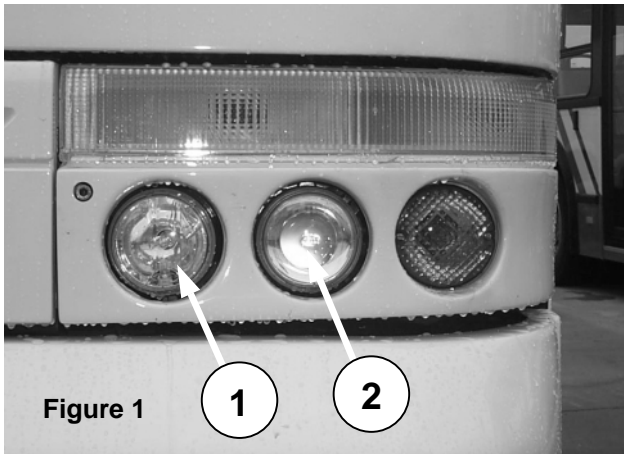


Figure 1: 1. Headlamp assembly (high beam) –  
2. Headlamp assembly (low beam)



Figure 2: Missing headlamp mark

### **SERVICE INFORMATION:**

Service Bulletins are issued to supplement or supersede information in the Van Hool manuals. Note Service Bulletin number, date and subject on the register at the end of the relevant chapter(s). File Service Bulletin separately for future reference.

## **WARRANTY INFORMATION:**

### **1. Claim references:**

- Causal parts: VH 10876321 (high beam) and VH 10876320 (low beam)
- Job code: F62914H

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

#### **Parts:**

- Supply: Labels will be mailed to you FOC by ABC Customer Care & Parts Source.

**Campaign expiration date:** Service Bulletin issue date + 6 months.

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59552 Lippstadt

## Technical Bulletin - Research and Development -

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Org. unit/Gr.: GHS-1ELT

The enclosed labels must be glued on the lens as described below, to complete the marking accordance to FMVSS108.

These additional labels will not cause any technical changes of the headlamp.

### 1. Preparation of the lens

It is very important to pre-treat of the lens to get a good and permanent adhesion of the label on the lens.

Therefore it is important to remove oil, grease and any kind of dirt from the lens. For this you should use heptanes, benzine, spirit or iso-propanol.

The dissolvers are available at specialized stores for chemical- or laboratory equipment.

Before the dissolver is evaporated a dry clean cloth should towel the lens.

Please follow manufacturer's instructions for using the dissolver on different materials.

### 2. Positioning of the sticker

The label should be glued next to the homologation number. For low beam use the label marked "L" and for upper beam use the label marked "U" as described in the pictures.

#### a) Low beam – Hella SSB 448



Picture 1 – old labeling



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Picture 2 – positioning and gluing of additional label.



Picture 3 – new labeling





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b) Upper beam – Hella SSB 449



Picture 4 – old labeling



Picture 5 – positioning and gluing of additional label



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Picture 6 – new labeling