

Feb 17, 2010

**GROTE Light Identification Replacement and Maintenance Information for the Safety Recall #'s NHTSA Recall # 10V-038 & Canada Transport Recall # 10-027.**

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As described in the enclosed safety defect notice, ElDorado National - Kansas is conducting a recall (NHTSA Recall No. 10V038) to replace the LED marker lamps installed on certain model year 2006-2008 Aerotech, Aerolite, Aero Elite, and Trans Tech buses. This campaign involves vehicles equipped with Grote Industries LED marker lamps, Part No. 47092 (red) and Part No. 47093 (amber) that were produced during the period January 1, 2006 through December 31, 2006 only. Please follow the instructions below to identify the subject lamps.

**Identification of the Subject Lamps**

1. ***Identify Manufacturer.*** As noted, this campaign involves vehicles equipped with Grote Industries LED marker lamps, Part No. 47092 and 47093. The name "Grote" and number "4709" should appear on the surface of the lens.

2. ***Identify Lamp Vintage.*** Determine whether the lamp was produced on or before December 31, 2006 by visually noting the center color through the lens. From the lens side of the lamp, note the difference in color between a pre-December 31, 2006 lamp and a post-December 31, 2006 lamp. The photos below provide a guide. If the center color is similar to the lamp on the left (i.e., dark), the lamp was produced prior to December 31, 2006. You should then proceed to the next step (Check Date Code). If the center color is similar to the lamp on the right (i.e., white), the lamp was manufactured after December 31, 2006 and no further action is necessary.



3. ***Check Date Code.*** If the interior center of the lamp is similar in appearance to the lamp shown on the left above (i.e., dark), locate and determine the date code on the back of the lamp by removing the lamp from the housing. The date code locations are shown in the photos below:

**Date Code Locations**



For example, date code – 060216C indicates February 16, 2006. Only lamps with a date code that begins with “06” (indicating 2006) are being replaced under this campaign.

With the lamp off the vehicle, inspect the lamp and mount for any damage. A lamp may look fine from the front, but as shown in the photo below, it may have damage in the back. All damaged lamps should be replaced. (Please note: Only date code “06” lamps will be replaced at no charge.)



Make sure the terminals of the lamp are greased with a dielectric grease prior to reinstalling. Snap the lamp securely in the mount so that it sits square and is fully seated.

#### **Recommended Inspection by Vehicle Operators**

To maintain the lighting system in good working order, drivers should inspect the lamps at least daily during the morning walk around. A proper inspection involves checking the physical condition and proper illumination of all lamps (with lights on). Be sure to check the “Stop,” “Turn Signal” and “Hazard” functions, as well as the license plate lamp(s). Any inoperable lamps, and lamps with physical damage or visible signs of moisture, should be replaced.

**Note:** Lamps that have been knocked out of position in the mounts can have unseen damage on the back of the lamp. Lamps out of position must be removed and inspected for damage. All damaged lamps should be replaced. The photos below are examples of out-of-position lamps.

The lamps below are unseated from the mount:



The lamps below are twisted in their mounts:



All of these conditions must be inspected for possible damage to the front and back of the lamp and mount.

To attain the **replacement lamps** as outlined in this **Safety Recall**, please contact **GROTE** at **888-530-0137**.

Please have ready either the **Chassis VIN** or the **EIDorado National Body Serial number** of the **unit(s)** in question and the **number of clearance lamps** (both **amber** and **red**) required for **each vehicle**.

**Grote may want the lamps back that are being removed and Grote will supply the necessary process information with the shipment of the new lamps.**

Note – only 2006 Grote lamps of this model will be replaced under this campaign. Other damaged lamps should be replaced under your normal procedures.

For any other warranty questions, please contact EIDorado National, or their dealer.