

# WHELEN<sup>®</sup>

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Installation Guide:  
700 Series Grille Housing  
2001 4300/4400 International Navistar

## Safety First

This document provides all the necessary information to allow your Whelen product to be properly and safely installed. Before beginning the installation and/or operation of your new product, the installation technician and operator must read this manual completely. Important information is contained herein that could prevent serious injury or damage.

- Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems and procedures.
- If mounting this product requires drilling holes, the installer **MUST** be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install grommets into all wire passage holes.
- If this manual states that this product may be mounted with suction cups, magnets, tape or Velcro<sup>®</sup>, clean the mounting surface with a 50/50 mix of isopropyl alcohol and water and dry thoroughly.
- Do not install this product or route any wires in the deployment area of your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner's manual for the air bag deployment area. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the **NEGATIVE (-)** battery post.
- If this product uses a remote device to activate or control this product, make sure that this control is located in an area that allows both the vehicle and the control to be operated safely in any driving condition.
- Do not attempt to activate or control this device in a hazardous driving situation.
- This product contains either strobe light(s), halogen light(s), high-intensity LEDs or a combination of these lights. Do not stare directly into these lights. Momentary blindness and/or eye damage could result.
- Use only soap and water to clean the outer lens. Use of other chemicals could result in premature lens cracking (crazing) and discoloration. Lenses in this condition have significantly reduced effectiveness and should be replaced immediately. Inspect and operate this product regularly to confirm its proper operation and mounting condition. Do not use a pressure washer to clean this product.
- It is recommended that these instructions be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.
- **FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU AND YOUR PASSENGERS!**

**For warranty information regarding this product, visit [www.whelen.com/warranty](http://www.whelen.com/warranty)**

**Installation:**

1. Position the grille light housing (with lighthouse mounted) onto the vehicle grille to be sure it fits properly. The notches in the housing will match the grille when it is positioned correctly. For this reason the lighthouse must be positioned in the outer lower corner of the grille as shown in Figure 1.
2. Mount the housing to the grille as shown in Figure 2 using the supplied Phillips head screws and brackets. **DO NOT OVERTIGHTEN THESE SCREWS.**
3. Extend the power wires from the lighthouse to the power source following the vehicle's wire harness.

**WARNING! All customer supplied wires that connect to the positive terminal of the battery must be sized to supply at least 125% of the maximum operating current and FUSED at the battery to carry that load. DO NOT USE CIRCUIT BREAKERS WITH THIS PRODUCT!**

4. For all electrical connections refer to the manual that comes with your lighthouse.

**7GIKT1 - 2001 NAVISTAR® 700 Series Strobe or Halogen**

DISCRIPTION	PART NUMBER
1 PAIR GRILL HOUSINGS AND MTG. HARDWARE .....	01-0483744-000
LEFT GRILL HOUSING AND MTG. HARDWARE.....	01-0483744-L00
RIGHT GRILL HOUSING AND MTG HARDWARE .....	01-0483744-R00

**7GILKT1 - 2001 NAVISTAR 700 Series LED**

DISCRIPTION	PART NUMBER
1 PAIR GRILL HOUSINGS AND MTG. HARDWARE .....	01-0483745-000
LEFT GRILL HOUSING AND MTG. HARDWARE.....	01-0483745-L00
RIGHT GRILL HOUSING AND MTG HARDWARE .....	01-0483745-R00

**7GIKT2 - 2001 NAVISTAR 700 Series Strobe or Halo. (Stationary Grill)**

DISCRIPTION	PART NUMBER
1 PAIR GRILL HOUSINGS AND MTG. HARDWARE .....	01-0483833-000
LEFT GRILL HOUSING AND MTG. HARDWARE.....	11-483833-L000
RIGHT GRILL HOUSING AND MTG HARDWARE .....	11-483834-R000

**7GILKT2 / 2001 NAVISTAR 700 Series LED (Stationary Grill)**

DISCRIPTION	PART NUMBER
1 PAIR GRILL HOUSINGS AND MTG. HARDWARE .....	01-0483835-000
LEFT GRILL HOUSING AND MTG. HARDWARE.....	11-483835-L000
RIGHT GRILL HOUSING AND MTG HARDWARE .....	11-483836-R000

