

WHELEN[®]

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Installation Guide: Inner Edge[®] Rear Deck Traffic Advisor[™] 2005 Crown Victoria

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[®], 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. Lens 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

IMPORTANT! It is the responsibility of the installation technician to make sure that the installation and operation of this product will not interfere with or compromise the operation or efficiency of any vehicle equipment!

Installation:

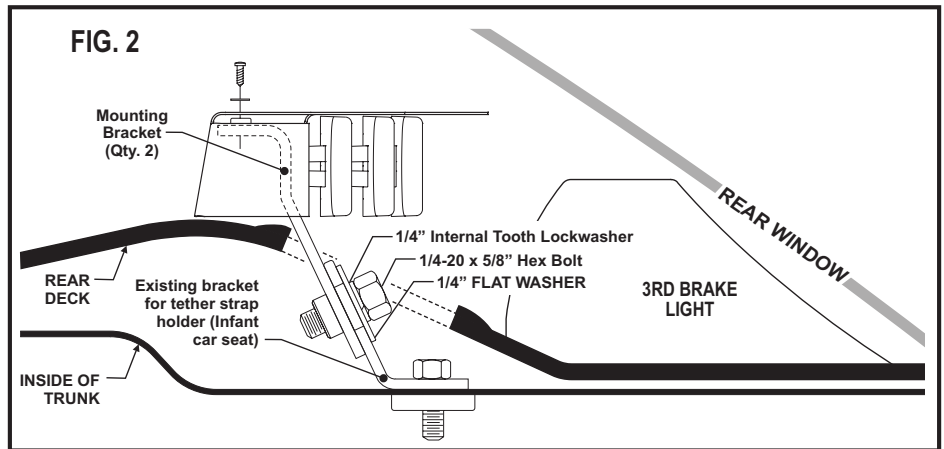
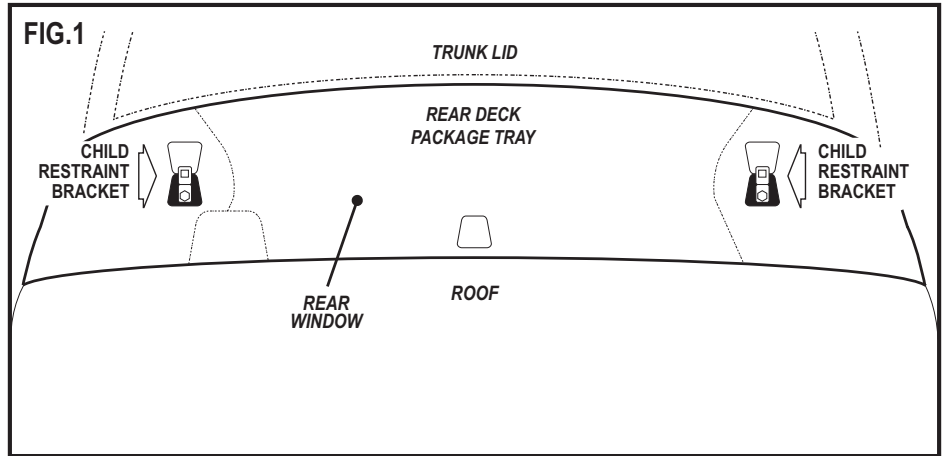
IMPORTANT! The lightbar should be located a minimum of 16" from any radio antennas!

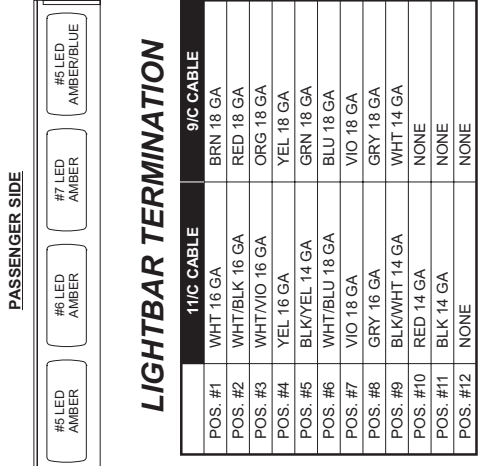
1. On the rear deck, locate the 2 outboard caps covering the child restraint strap holders. Remove the plastic covers to access the tether strap holders (Fig. 1).
2. Install the 2 mounting brackets as shown in Fig 2. It is important that these brackets be positioned so that the TA housing rests flatly on top of them. **Be sure to tighten the mounting hardware firmly.**
3. Secure the TA to the mounting brackets as shown using the provided hardware. Confirm that the TA is level and clears the 3rd brake light.
4. Route the TA input cable to your LED TA control head (refer to the installation manual included with your control head for important mounting and wiring information). It is left to the installation technician's discretion to select a path for this cable that will both protect it from possible damage and not interfere with the operation of any other vehicle components or equipment.

A windshield seal is included and should be used to eliminate vibration against the rear glass.

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!

IMPORTANT! Before returning the vehicle to active service, visually confirm the proper operation of this product, as well as all vehicle components/equipment.

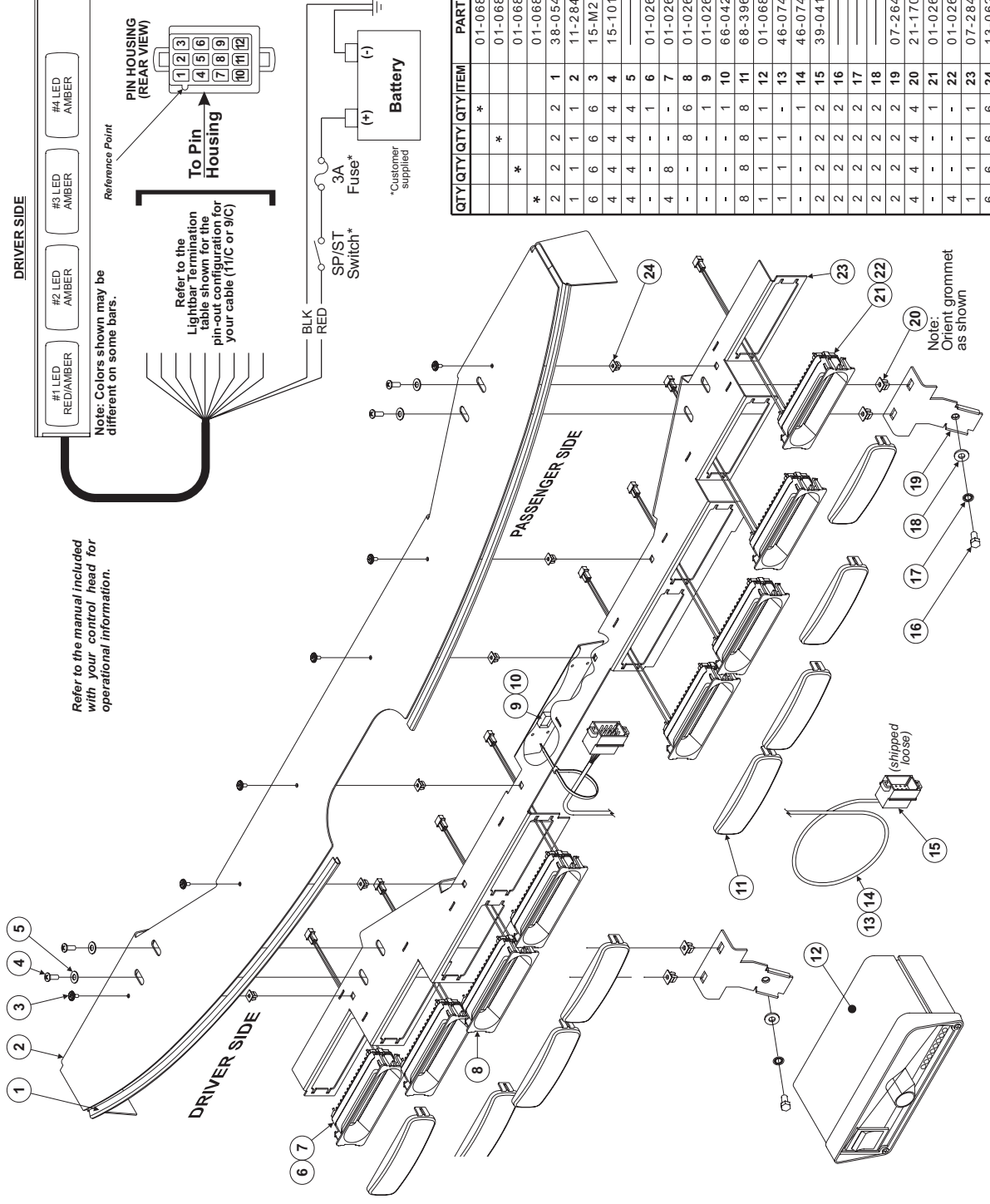




Refer to the manual included with your control head for operational information.

LIGHTBAR TERMINATION

POS. #	11/C CABLE	9/C CABLE
POS. #1	WHT 16 GA	BRN 18 GA
POS. #2	WHT/BLK 16 GA	RED 18 GA
POS. #3	WHT/VIO 16 GA	ORG 18 GA
POS. #4	YEL 16 GA	YEL 18 GA
POS. #5	BLK/YEL 14 GA	GRN 18 GA
POS. #6	WHT/BLU 18 GA	BLU 18 GA
POS. #7	VIO 18 GA	VIO 18 GA
POS. #8	GRY 16 GA	GRY 18 GA
POS. #9	BLK/WHT 14 GA	WHT 14 GA
POS. #10	RED 14 GA	NONE
POS. #11	BLK 14 GA	NONE
POS. #12	NONE	NONE



QTY	QTY	QTY	ITEM	PART NUMBER	DESCRIPTION
*	*	1	01-0684483-00	01-0684483-00	LIGHTBAR ASSY, INNER EDGE® (IOWA DOT)
*	*	1	01-0684483-01	01-0684483-01	LIGHTBAR ASSY, INNER EDGE® (AMBER)
*	*	1	01-0684483-02	01-0684483-02	LIGHTBAR ASSY, INNER EDGE® (RED)
*	*	1	01-0684483-03	01-0684483-03	LIGHTBAR ASSY, INNER EDGE® (RED/BLUE)
2	2	2	38-0543284-22	38-0543284-22	SEAL, EXTRUDED WINDSHIELD
1	1	1	11-284408-007	11-284408-007	HOUSING, INTERIOR LIGHTBAR REAR DECK
6	6	6	15-M23B1C-120	15-M23B1C-120	SCREW, M4.2 X 12MM, BLACK OXIDE
4	4	4	15-10174B-102	15-10174B-102	SCREW, 10 X 5/8 SLOT HXWASHHD BLA CK
4	4	4			#10 FLAT WASHER BLACK
4	8	1	01-0264260-K2	01-0264260-K2	SUB ASSY, LINEAR-LED® AMBER/RED, 500 SNAP-IN
-	-	7	01-0264260-52	01-0264260-52	SUB ASSY, LINEAR-LED® RED/STDY, 500 SNAP-IN
-	-	8	01-0264260-12	01-0264260-12	SUB ASSY, LINEAR-LED® AMBER/STDY, 500 SNAP-IN
-	-	1	01-0269936-00	01-0269936-00	FLASHER, 2-CHANNEL
-	-	1	66-0420982-00	66-0420982-00	TAPE, DOUBLE-SIDED
8	8	8	68-3963604-30	68-3963604-30	LENS, CLEAR NON OPTIC SNAP-ON LED DASH LIGHT CONTROL HEAD, 12V
1	1	1	01-0683850-00	01-0683850-00	INPUT CABLE, 9C COMPOSITE
1	1	1	46-0741346-17	46-0741346-17	INPUT CABLE, 11/C COMPOSITE
2	2	2	46-0743326-00	46-0743326-00	HOUSING, 12-POS HOUSING (CMNL)
2	2	2	39-0412014-14	39-0412014-14	BOLT, 1/4 20 X 5/8 HEX HEAD
2	2	2			WASHER, 1/4" INTERNAL-TOOTH LOCK
2	2	2			WASHER, FLAT 1/4" 7/8" OD SS 17/64 ID
2	2	2	07-264337-000	07-264337-000	BRACKET, MOUNTING LIGHT HOUSING REAR DECK
4	4	4	21-17060704-3	21-17060704-3	SCREW GROMMET #8 #10 FASTEX
4	4	4	20	20	SUB ASSY, LINEAR-LED® AMBER/BLUE, 500 SNAP-IN
4	4	4	21-0264260-M2	21-0264260-M2	SUB ASSY, LINEAR-LED® BLUE/STDY, 500 SNAP-IN
1	1	1	07-284370-023	07-284370-023	BRACKET MOUNTING DECK LIGHT (8) 500 LINEAR
6	6	6	13-062C40-16J	13-062C40-16J	SCREW GROMMET #6 #8 FASTEX