



Installation and Operation Instructions

D-Pillar (PIU 2020+, Tahoe 2021+)

IMPORTANT! Read all instructions before installing and using. Installer: This manual must be delivered to the end user.



WARNING!

Failure to install or use this product according to manufacturer's recommendations may result in property damage, serious injury, and/or death to those you are seeking to protect!



Do not install and/or operate this safety product unless you have read and understood the safety information contained in this manual.

1. Proper installation combined with operator training in the use, care, and maintenance of emergency warning devices are essential to ensure the safety of emergency personnel and the public.
2. Emergency warning devices often require high electrical voltages and/or currents. Exercise caution when working with live electrical connections.
3. This product must be properly grounded. Inadequate grounding and/or shorting of electrical connections can cause high current arcing, which can cause personal injury and/or severe vehicle damage, including fire.
4. Proper placement and installation is vital to the performance of this warning device. Install this product so that output performance of the system is maximized and the controls are placed within convenient reach of the operator so that they can operate the system without losing eye contact with the roadway.
5. Do not install this product or route any wires in the deployment area of an air bag. Equipment mounted or located in an air bag deployment area may reduce the effectiveness of the air bag or become a projectile that could cause serious personal injury or death. Refer to the vehicle owner's manual for the air bag deployment area. It is the responsibility of the user/operator to determine a suitable mounting location ensuring the safety of all passengers inside the vehicle particularly avoiding areas of potential head impact.
6. It is the responsibility of the vehicle operator to ensure daily that all features of this product work correctly. In use, the vehicle operator should ensure the projection of the warning signal is not blocked by vehicle components (i.e., open trunks or compartment doors), people, vehicles or other obstructions.
7. The use of this or any other warning device does not ensure all drivers can or will observe or react to an emergency warning signal. Never take the right-of-way for granted. It is the vehicle operator's responsibility to be sure they can proceed safely before entering an intersection, drive against traffic, respond at a high rate of speed, or walk on or around traffic lanes.
8. This equipment is intended for use by authorized personnel only. The user is responsible for understanding and obeying all laws regarding emergency warning devices. Therefore, the user should check all applicable city, state, and federal laws and regulations. The manufacturer assumes no liability for any loss resulting from the use of this warning device.

Specifications

Input Voltage: 12VDC

Installation and Mounting (Tahoe 2021+)

Step 1. Remove vehicle D-Pillars by using a T15 torque driver. Use a pry tool to remove clips.

Step 2. Tape Code 3's provided drill template to the vehicles driver side D-Pillar. **Note: templates reverse side will be used onto passenger side.**

Step 3. Drill out three holes using 1/2" bit.

Step 4. Route harness through the drilled holes from the back side of the cover. See Figure 1.

Step 5. Seal holes where harness exists vehicle to prevent water ingress.

Step 6. Prep mounting surface using alcohol pad and primer.

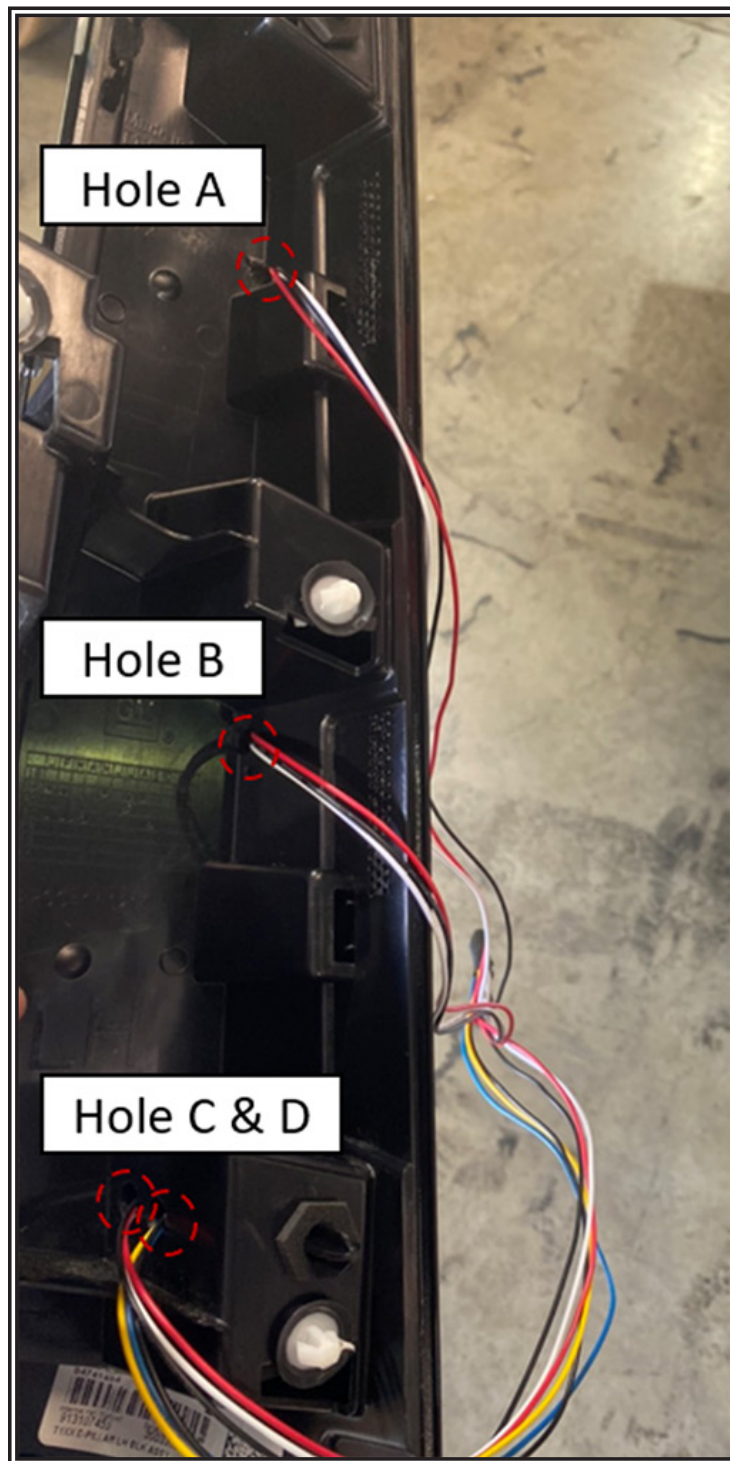


Figure 1

Step 7a. Install housing onto vehicle using the VHB provided on the backside of the D-Pillar housing. See Figure 2. Do not add additional VHB as it will cause the housing to not lay flat against the vehicle as designed.

Step 7b. (Optional) In addition to VHB, screw mounting is available. Drill holes in the housing and vehicle using a 1/8" drill bit. See Figure 3 for placement. Using the additional screws provided, fasten the housing to the vehicle.

Step 8. Plug light heads into harness. Push harness into housing. *Optional: clip yellow and blue wires from lightheads.*

Step 9. Attach light heads to housing.

Step 10. Route the other end of the harness back to the controller (ie Matrix Z3 outputs, Switch Node). **Note: Route wires away from air bag deployment.**

Final install can be seen in Figure 4.



Figure 2

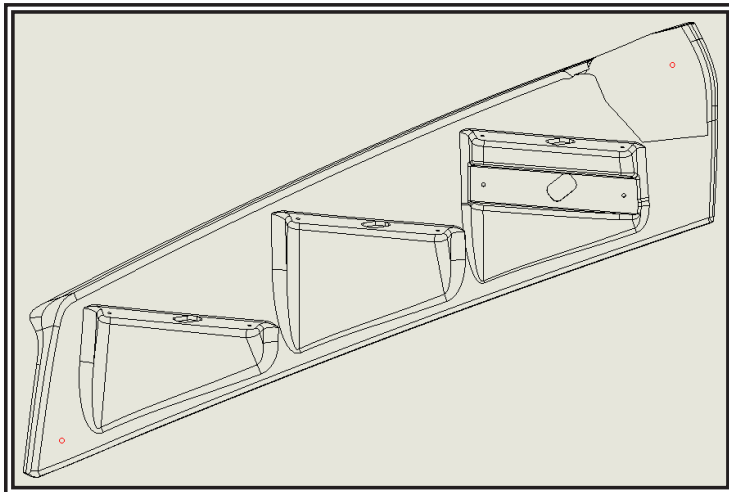


Figure 3



Figure 4

Installation and Mounting (PIU 2020+)

Step 1. Tape Code 3's D-Pillar drill template onto vehicle's driver side D-Pillar. **Note: template's reverse side will be used on passenger side install.**

Step 2. Drill out three holes using a 1/2" drill bit. See Figure 5.

Step 3. Widen the holes in the vehicle's D-Pillar to 3/4". See Figure 6.

Step 4. Route harness from the interior through the drilled wire exit holes and back side of the cover. **Note: The trunk side panels will need to be detached for access.**

Step 5. Seal holes where harness exits vehicle to prevent water ingress.

Step 6. Prep mounting surface using alcohol pad and primer.

Step 7a. Install housing onto vehicle using the VHB provided on the backside of the D-Pillar housing. Do not add additional VHB as it will cause the housing to not lay flat against the vehicle as designed.

Step 7b. (Optional) In addition to VHB, screw mounting is available. Drill holes in the housing and vehicle using a 1/8" drill bit. See Figure 7 for placement. Using the additional screws provided, fasten the housing to the vehicle.

Step 8. Plug light heads into harness. Push harness into housing. *Optional: clip yellow and blue wires from lightheads.*

Step 9. Attach light heads to housing.

Step 10. Route the other end of the harness back to the controller (ie Matrix Z3 outputs, Switch Node). **Note: Route wires away from air bag deployment.**

Final install can be seen in Figure 8.



Figure 5



Figure 6

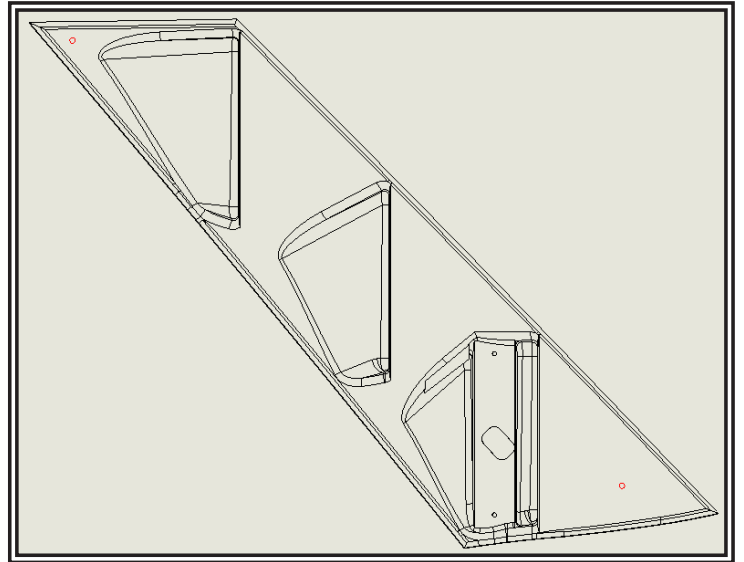


Figure 7

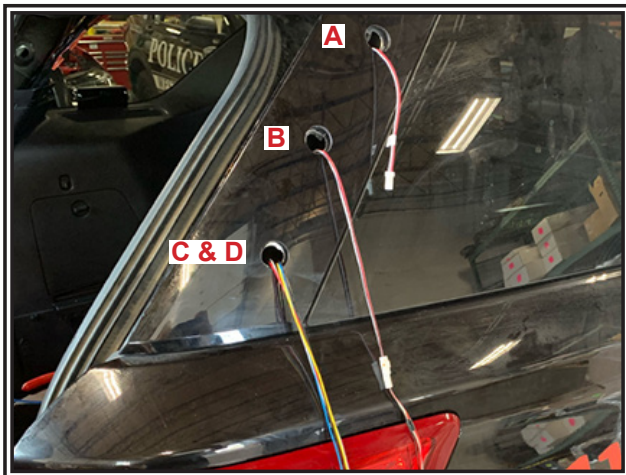


Figure 8



Figure 9

Matrix Programming:

Lightheades are set to steady burn out of the box. Once the D-Pillars are in installed, use the Matrix software to program based on user preferences. Matrix programming will allow the lights to flash in unison with each other and with other lighting on the vehicle. For programming questions, please reference Matrix documentation on the website or contact our Tech Support team.

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If a product must be returned for repair or replacement*, please contact our factory to obtain a Return Goods Authorization Number (RGA number) before you ship the product to Code 3®, Inc. Write the RGA number clearly on the package near the mailing label. Be sure you use sufficient packing materials to avoid damage to the product being returned while in transit.

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