



## Installation and Operation Instructions

### 2017 TAHOE MOUNTING KIT FOR C3100 SPEAKER - SINGLE AND DUAL

#### Introduction:

This bracket kit fits 2017 Tahoe and mounts the Code3 C3100 speaker either singly or in pairs side by side. Mounting holes are also available to mount various Code3 light heads in positions adjacent to and above the single speaker or above the dual speaker.

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#### WARNING!

Sirens produce loud sounds that may damage hearing



- Wear hearing protection when testing
- Use siren only for emergency response
- Roll up windows when siren is operating
- Avoid exposure to the siren sound outside of vehicle

**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 manufacturers 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 understand 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 s/he can operate the system without losing eye contact with the roadway.
5. 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.
6. 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 your responsibility to be sure you can proceed safely before entering an intersection, drive against traffic, respond at a high rate of speed, or walk on or around traffic lanes.
7. 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

For speaker specifications see the Code3 C3100 installation manual.

## Installation and Mounting

1. Consult the Chevrolet Tahoe vehicle service manual and remove the plastic engine shroud. The upper grill fasteners can then be removed and the grill pulled back as a quick method to access the rear of the grill. See figures 1-2.

2. Assemble the C3100 speaker and light heads (if chosen) to the mounting bracket as shown in figure 3. Dual C3100 speakers and one light head may be assembled to the mounting bracket as shown in figure 4. Both figures show Code3 XTP6 light heads as an example but other light heads may be mounted instead. The #12 phillips head screws and lock washers are supplied with the C3100 speaker. The hardware to attach the light heads are supplied by the user. Shown are #6-32x5/8 screw with #6 flat washer, #6 split lock washer, and #6-32 nut.

3. Pull back the grill and loosen both (2) fasteners near the bottom front of the radiator and below the radiator louvers. See Figures 5-6 and take note in figure 6 the first fastener is being loosened and the second is behind the operator's hand at the extreme right. Loosen the fasteners enough to provide about a 0.25" gap as shown in figures 7-8.

4. While holding back the grill, slide the bracket and light head assembly behind the grill until the slots at the bottom of the bracket engage the two loosened fasteners from step 3. See figures 9-10. The upper flanges should be resting on the grill support brackets as shown in figure 11. Be sure to connect the siren and light head wiring per the instructions accompanying the products during this operation.

5. Tighten both loosened fasteners to secure the bottom of the bracket. Align the holes in the speaker bracket's upper flanges with the holes in the grill support brackets. See figure 12. Place the plastic upper grill over the speaker bracket and reinstall the two grill fasteners to secure the top of the bracket. See figure 13.

6. Reinstall the rest of the upper grill fasteners and then the plastic engine shroud.



Figure 1



Figure 2

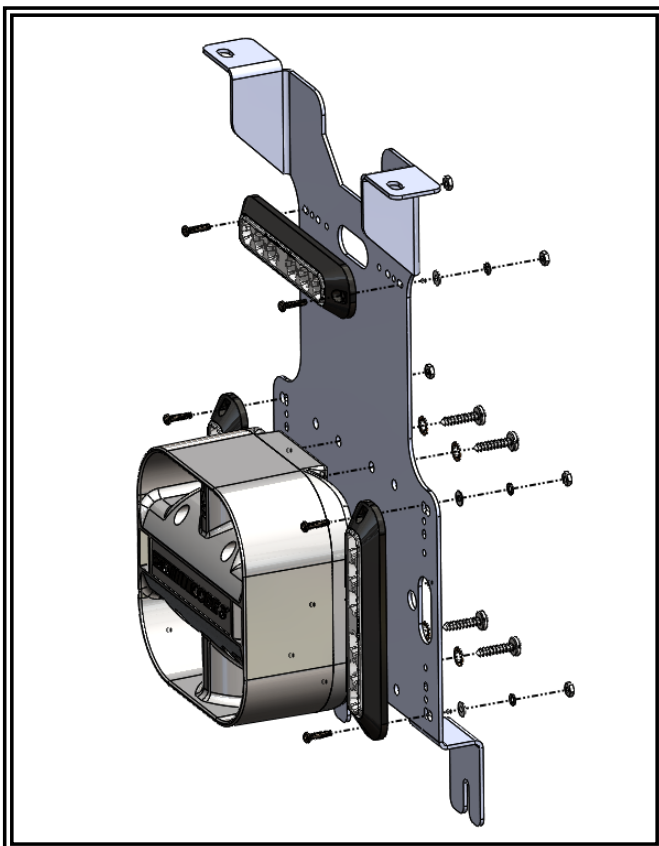


Figure 3

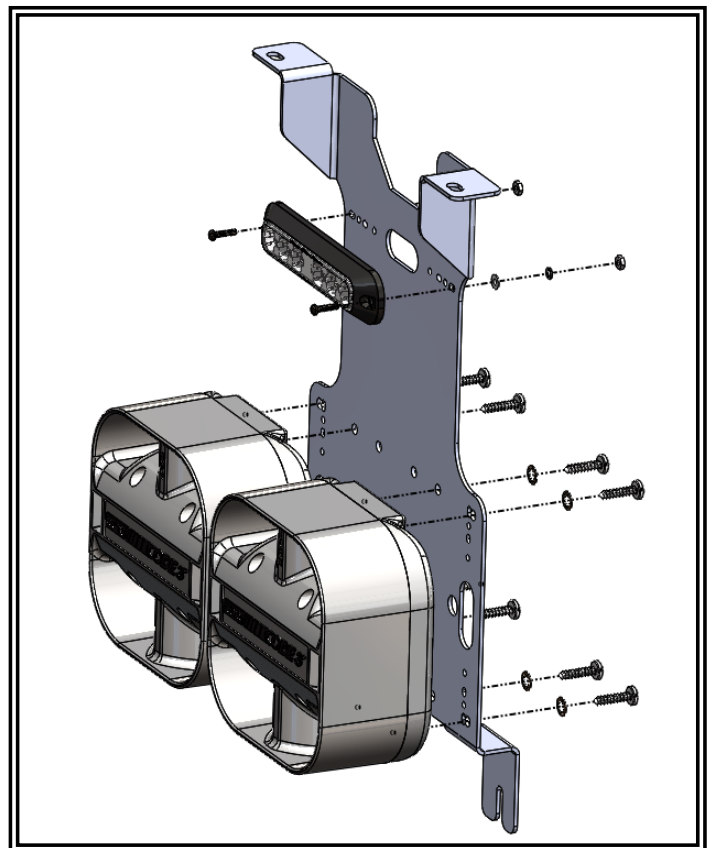


Figure 4

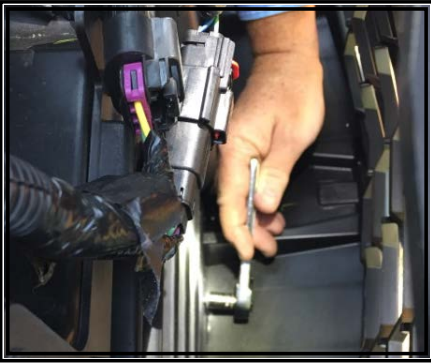


Figure 5



Figure 6



Figure 7



Figure 8



Figure 10

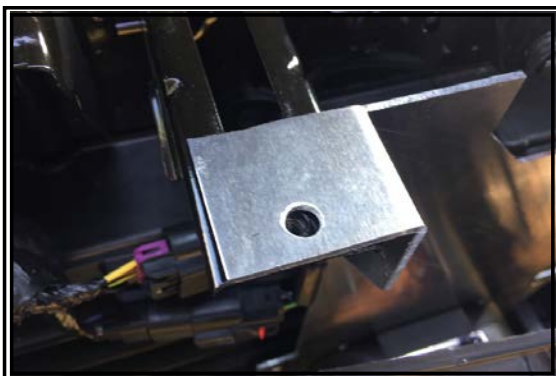


Figure 12



Figure 13



## **Manufacturer Limited Warranty Policy:**

Manufacturer warrants that on the date of purchase this product will conform to Manufacturer's specifications for this product (which are available from the Manufacturer upon request). This Limited Warranty extends for Sixty (60) months from the date of purchase.

**DAMAGE TO PARTS OR PRODUCTS RESULTING FROM TAMPERING, ACCIDENT, ABUSE, MISUSE, NEGLIGENCE, UNAPPROVED MODIFICATIONS, FIRE OR OTHER HAZARD; IMPROPER INSTALLATION OR OPERATION; OR NOT BEING MAINTAINED IN ACCORDANCE WITH THE MAINTENANCE PROCEDURES SET FORTH IN MANUFACTURER'S INSTALLATION AND OPERATING INSTRUCTIONS VOIDS THIS LIMITED WARRANTY.**

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This Limited Warranty defines specific legal rights. You may have other legal rights which vary from jurisdiction to jurisdiction. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages.

## **Product Returns:**

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.

\*Code 3®, Inc. reserves the right to repair or replace at its discretion. Code 3®, Inc. assumes no responsibility or liability for expenses incurred for the removal and /or reinstallation of products requiring service and/or repair.; nor for the packaging, handling, and shipping; nor for the handling of products returned to sender after the service has been rendered.



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# Installation and Operation Instructions

## 2015-2020 Chevy Tahoe

### Speaker Install

**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.



**WARNING!**

Sirens produce loud sounds that may damage hearing.



- Wear hearing protection when testing
- Use siren only for emergency response
- Roll up windows when siren is operating
- Avoid exposure to the siren sound outside of vehicle



Sirens are an integral part of an effective audio/visual emergency warning system. However, sirens are only short range secondary warning devices. The use of a siren does not insure that all drivers can or will observe or react to an emergency warning signal, particularly at long distances or when either vehicle is traveling at a high rate of speed. Sirens should only be used in a combination with effective warning lights and never relied upon as a sole warning signal. Never take the right of way for granted. It is your responsibility to be sure you can proceed safely before entering an intersection driving against traffic, or responding at a high rate of speed. The effectiveness of this warning device is highly dependent upon correct mounting and wiring. Read and follow the manufacturer's instructions before installing this device. The vehicle operator should check the equipment daily to insure that all features of the device operate correctly.

To be effective, sirens must produce high sound levels that potentially can inflict hearing damage. Installers should be warned to wear hearing protection, clear bystanders from the area and not to operate the siren indoors during testing. Vehicle operators and occupants should assess their exposure to siren noise and determine what steps, such as consultation with professionals or use of hearing protection should be implemented to protect their hearing.

This equipment is intended for use by authorized personnel only. It is the user's responsibility to understand and obey all laws regarding emergency warning devices. The user should check all applicable city, state and federal laws and regulations. Code 3, Inc., assumes no liability for any loss resulting from the use of this warning device.

Proper installation is vital to the performance of the siren and the safe operation of the emergency vehicle. It is important to recognize that the operator of the emergency vehicle is under psychological and physiological stress caused by the emergency situation. The siren system should be installed in such a manner as to: A) Not reduce the acoustical performance of the system, B) Limit as much as practical the noise level in the passenger compartment of the vehicle, C) Place the controls within convenient reach of the operator so that he can operate the system without losing eye contact with the roadway.

Emergency warning devices often require high electrical voltages and/or currents. Properly protect and use caution around live electrical connections. Grounding or shorting of electrical connections can cause high current arcing, which can cause personal injury and/or severe vehicle damage, including fire.

**PROPER INSTALLATION COMBINED WITH OPERATOR TRAINING IN THE PROPER USE OF EMERGENCY WARNING DEVICES IS ESSENTIAL TO INSURE THE SAFETY OF EMERGENCY PERSONNEL AND THE PUBLIC.**

## Installation and Mounting:

**Step 1.** Remove the plastic engine shroud.

**Step 2.** Remove the entire vehicle grill and front fascia assembly per shop manual instructions. Several fasteners are hidden so the shop manual is very helpful.

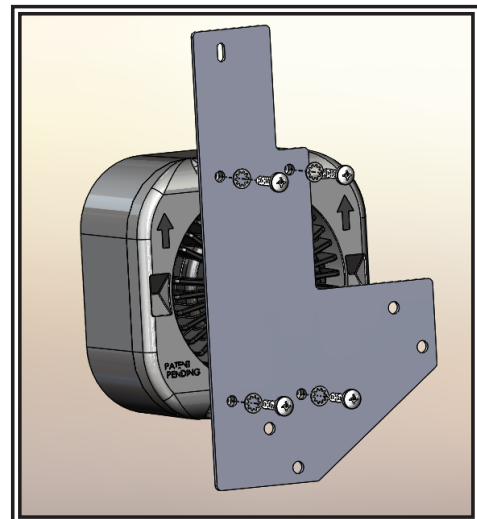


**Figure 1**



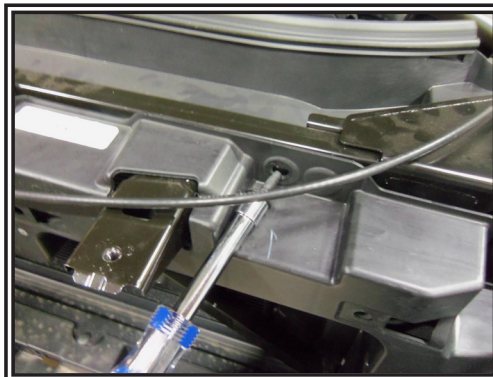
**Figure 2**

**Step 3.** Assemble the C3100 speaker/driver assembly to the mounting bracket as shown. Fasteners are with the C3100 speaker kit. Driver's side mount is shown. Reverse the mounting bracket for passenger side mount. Note the arrows must point up for water to drain properly from the speaker/driver assembly. Be sure the blue and white wires are connected to the driver.

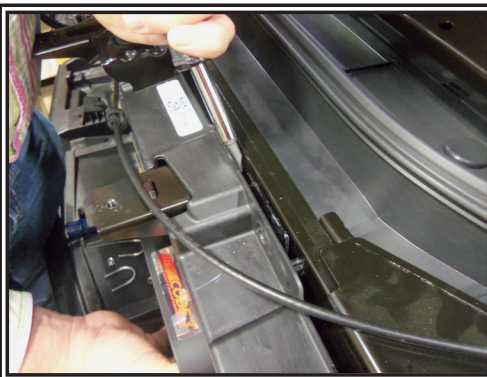


**Figure 3**

**Step 4.** Remove the indicated screw from frame shroud as shown below, pry open a gap and insert speaker/bracket assembly. Reinstall the screw but do not tighten. Use the corresponding screw on the passenger side for passenger side speaker mount.



**Figure 4**

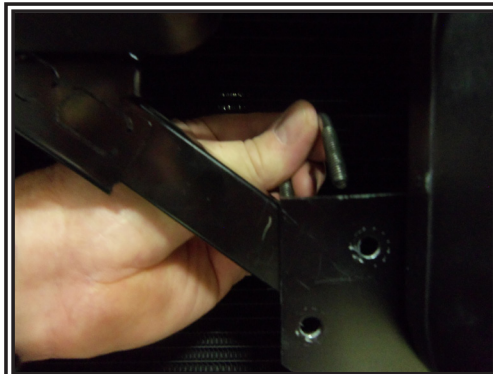


**Figure 5**



**Figure 6**

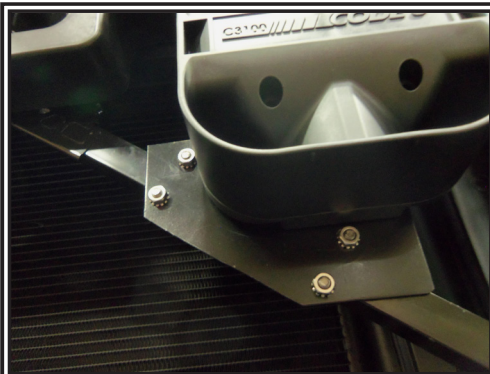
**Step 5.** Install 2 U-Bolts as shown using 0.25-20 hex nuts from the mounting kit. Recheck the speaker/driver assembly is mounted in the up position (so water will drain properly) and connect the blue and white wires to the siren amplifier per the siren and speaker driver instructions. Test for proper operation.



**Figure 7**



**Figure 8**



**Figure 9**

**Step 6.** Replace the vehicle grill and front fascia assembly per shop manual instructions. Reinstall the plastic engine shroud.



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