



2015+ CHEVROLET TAHOE M180
UNDER MIRROR SIDE LITE BRACKETS



Introduction:

The M180 Under Mirror Side Brackets for the 2015+ Chevrolet Tahoe fit under the vehicle's side mirrors and provide a side warning signal at street intersections.

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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:

The M180 Under Mirror Side Brackets for the 2015+ Chevrolet Tahoe fit under the vehicle's side mirrors and provide a side warning signal at street intersections. The brackets are each 1.125" Deep X 1.00" High X 4.00" Wide. For M180 light head specifications and operation see the M180 installation manual.

Installation and Mounting:

Step-1. Refer to the Chevrolet Tahoe Service Manual to remove the side mirrors from the vehicle. Remove the under side mirror covers.

Step-2. Mark and drill the mounting & cable holes using the dimensions shown in Figure 1 below. **Note: Paper templates are provided on page (3).** If desired, cut out the paper templates & position them over the covers to locate the holes. Use a sharp scratch awl or an ice pick to stick through the paper templates at the hole center marks and mark the hole centers.

CAUTION: When using the paper templates it is highly recommended that you pull the paper templates tight to the edges & tape the template to the straight edges of the covers with masking tape. Be very careful not to allow the templates to move when moving from one hole to the next as you mark the holes.

Step-3. Drill the mounting holes with a 5/32" (.156") diameter drill and the cable holes with a 1/4" (.250") diameter drill. Place the covers on the mirror housing and snap into place. Using the hole just drilled at the narrow end of the cover as a locator, mark the center of the plastic boss directly below this cover hole. Drill a hole in the boss using a 1/8" (.125") diameter drill and repeat for the other cover. See figure 2 below.

Step-4. Twist the wires from the M180 Light Heads as shown in Figure 3. Feed the light head wires through the wire hole in the Side Lite Brackets. Making sure the three side LEDs (3 White Squares with Yellow Dots) on the M180 Light Head are aiming up as oriented in Figure 4 so that when installed on the vehicle the dots will be aiming down. Locate & fasten the M180 Light Heads onto the Side Lite Mounting Brackets using the two outer tapped holes on the rear of the light head. Use (2) of the provided 3.50 X 0.6 X 6mm long phillips pan head stainless steel machine screws and (2) of the #6 split stainless steel lockwashers, included with the bracket kit for each light head. See Figure 4 below.

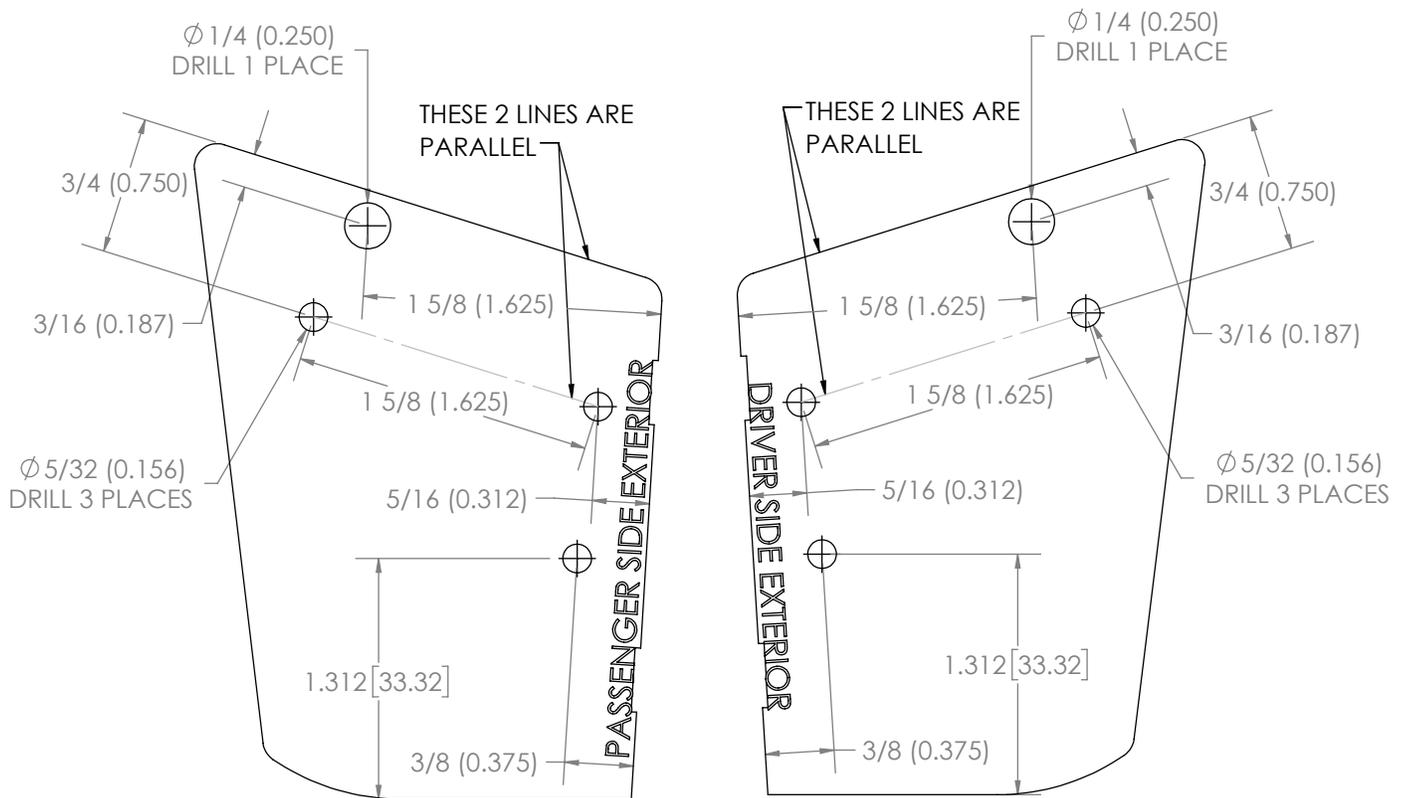


Figure-1

DRILL TEMPLATE

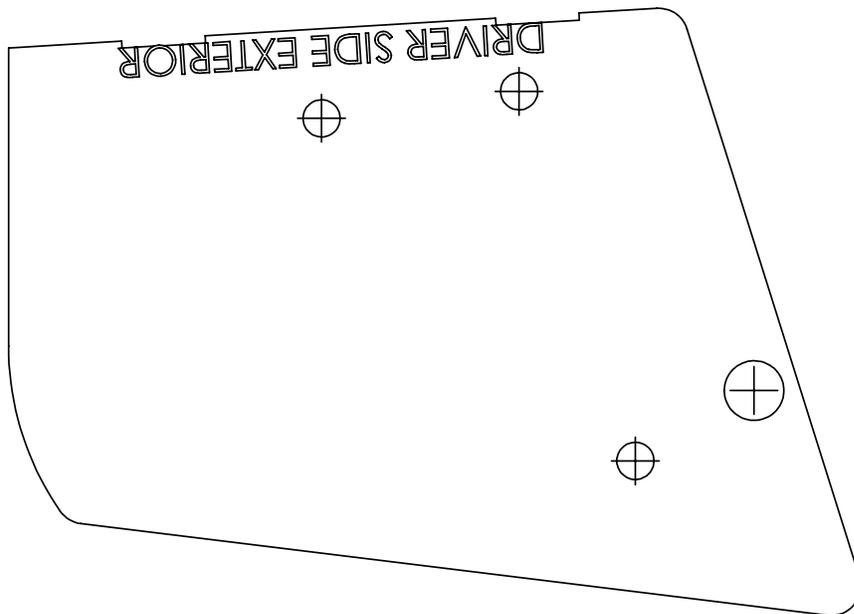
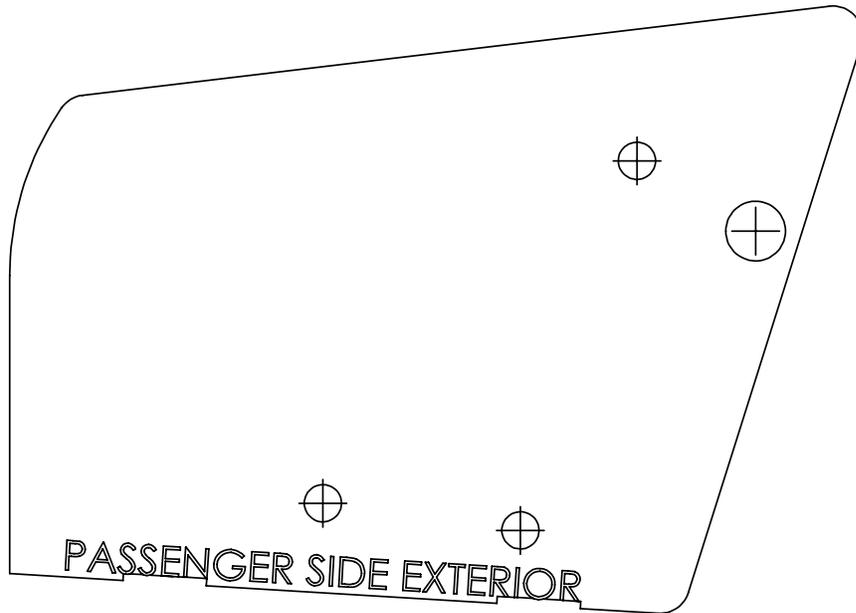




Figure-2

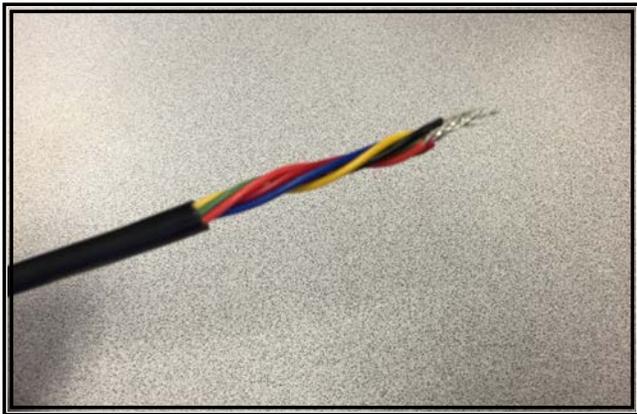


Figure-3



Figure-4

Installation and Mounting Cont:

Step-5. Route the light head wires through the 1/4" holes on the shiny-painted side of the vehicle's plastic covers. Secure the Side Lite Brackets to the covers with (2) provided #6-32 X 1/4" Machine Screws. When completed they will look as shown in Figure 5. **Note: The assembly is shown positioned with the main mirror assembly to clarify the correct orientation of the bracket on the plastic covers.**

Step-6. Carefully remove the triangular foam seal from the interior side of the mirror assembly. From the interior side of the vehicle's mirror housing, push any other foam and the mirror control wires out of the way to clear an opening and route the light head wires through to the interior side of vehicle's mirror assembly. (A view of the foam pulled away for routing the wiring is shown in Figure 6 below).



Figure-5



Figure-6

Installation and Mounting Cont:

Step-7. Once the light head wires are started through the hole, pull all of the slack out of the wire and snap the plastic covers with the attached M180 Light Head back into the original position in the mirror assembly. (See Figure 5). Make sure all of the slack is out of the wire and the covers are securely snapped back in place on the mirror assembly. Install the provided #6 x 0.500" black sheet metal screw to insure the cover remains in place. **Note: It is very important that all of the slack be pulled out of the wires in the final assembly.**

Step-8. The M180 Light Head wires may be routed by making a small hole through the vehicles foam seal and routing the wires directly down into the vehicle's door (an example is shown in Figure 7) or they may be routed under the foam seal and through the foam seal adjacent to the mirror wiring grommet or through the grommet (an example is shown in Figure 8). Make sure any opening made in the vehicle's sheet metal is grommeted to prevent the wire insulation from getting cut through due to vibration and chaffing over time. Failure to do this could cause a short circuit.

Step-9. Route and connect the customer supplied wires as desired to connect the M180 Light Head Wires to the vehicle's electrical system.

Step-10. Reattach the side mirrors to the vehicle.



Figure-7



Figure-8

Notes:

Notes:

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.



10986 North Warson Road
St. Louis, MO 63114

Technical Service:
(314) 996-2800

c3_tech_support@code3esg.com
www.code3esg.com

A Division of ESG | www.eccogroup.com