

## MOUNTING PLATE INSTALLATION MANUAL

The VMP Dodge Ram Mounting Plate from Larson Electronics offers a no-drill mounting plate solution for 2009-2018 Dodge Ram 1500, 2500, and 3500 trucks that conveniently mounts to the rear cab light requiring no holes or modifications to be made to the vehicle.

### Mounting the Plate

1. Begin by removing the third brake light. There are 2 screws holding it in place. Use a Phillips #2 bit.



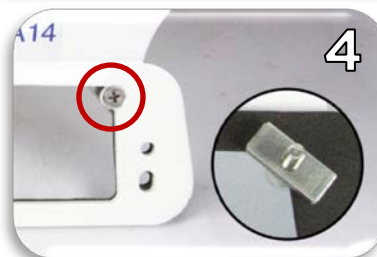
2. Carefully remove the light housing to reveal bulbs and wire harness on back side.



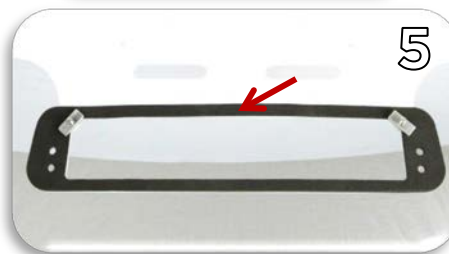
3. Unplug the wire harness to free cab light from truck and set aside.



4. Grab mounting plate and loosen the two screws and fasteners that hold the plate against the truck.



5. Inspect the gasket(s) of the mounting plate to ensure surface is free of any defects or foreign material.



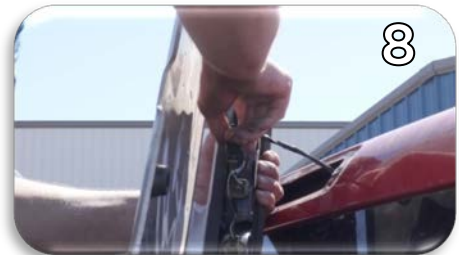
6. Place the mounting plate on the rear of your truck and adjust both fasteners to secure the mounting plate against the frame. Make sure the two screw holes for the cab light are aligned before tightening fasteners.



7. Once everything is aligned, tighten down fasteners.



8. Reconnect wire harness and replace cab light.



9. Replace the 2 screws removed in *step 1*. Realign plate if necessary by loosening fasteners. Be careful not to over tighten the cab light screws to prevent damage to screws and/or your cab light. However, ensure that the screws used to compress the gasket are evenly tightened. Uniformly sealing the plate to the truck and firmly compressing all areas of the gasket.



**Note:** *If a screw won't tighten, realign the mount. Make sure the holes line up in order to tighten screws.*



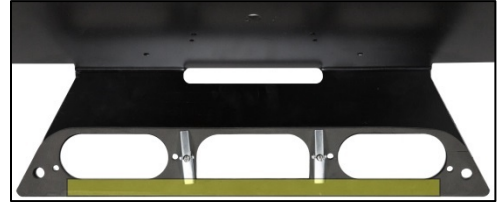
## Complete!

Your new mount is now installed! Check to ensure everything is secure and that your cab light is working. Attach your device to the aluminum mounting plate. The plate includes predrilled holes or additional holes may be drilled as necessary. Do not drill all the way through to your vehicle! It may be necessary to predrill holes before installing plate to vehicle. Run wires to a power source. See *page 3* for *Routing Wire through Gasket*.

## ROUTING WIRE THROUGH GASKET

It is recommended to use wire no thicker than gasket width (4mm). Only cut and route wiring through the bottom of mounting plate and gasket. This limits water from entering the cab light area.

1. Find an area on the bottom of gasket to route wire. Water has greater potential to enter cab light area if gasket is cut from the top or sides.



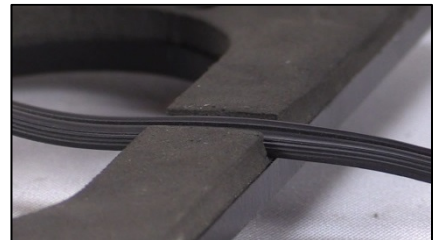
2. Press cable up against gasket to create an indentation. Mark gasket with knife or similar if necessary.



3. Cut gasket to size using indentation or marked area. Cut slightly smaller for a tighter fit and remove excess foam.



4. Test wire for fit. Cut any additional foam if necessary.



5. Once the wire fits, connect to power source and install mounting plate with wire routed through bottom of gasket.