MOUNTING PLATE INSTALLATION MANUAL

The MMP-FRGR Mounting Plate from Larson Electronics offers a no-drill mounting plate solution for 2019+ Aluminum Body Ford Ranger trucks that conveniently mounts to the rear cab light requiring no holes or modifications to be made to the vehicle.

Mounting the Plate

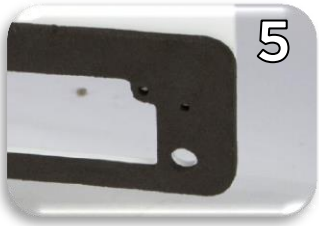
1. Begin by removing the cargo brake light. There are 2 screws holding it in place. Use Torx T20 bit.

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

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

4. Grab mounting plate and place taillight inside mount. Align the two tabs on the back of the taillight into the holes on the mounting plate. Make sure to loosen the two bolts that hold the bracket arms before installing plate.

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

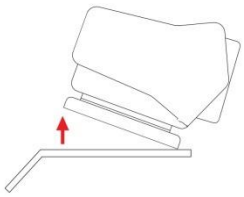


6. Reconnect wire harness and place mount against your truck.

7. Replace the 2 screws removed in *step 1*. Move the plate around until each screw is aligned and can be tightened. Be careful not to over tighten these screws to prevent damage to screws and/or your taillight. 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. Once the plate is installed, align the bracket arms to the glass and make sure to tighten the bolts on the bracket arms that were loosened in Step 4.

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

Complete! Your new mount is now installed! Check to ensure everything is secure and that your tail light is working. Attach your device to the steel mounting plate via magnet (if applicable) or permanent mount to the aluminum plate. Run wires to a power source. See *page 3* for *Routing Wire through Gasket*.



Note: When removing an attached magnetic device from the mounting plate, do not force the device off the front causing the mount to bend as this could cause strain to the mount and tail light. Instead, remove the magnetic device from the back of the mount, up and away from you.

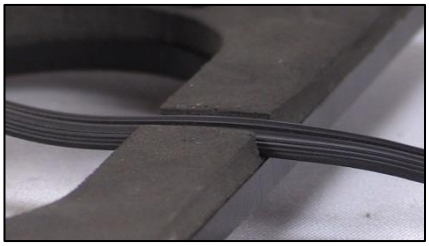
ROUTING WIRE THROUGH GASKET

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 taillight area.

1. Find an area on the bottom of gasket to route wire. Water has greater potential to enter taillight 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.