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Installation Guide

Drill-Free Roof Top Mount

Safety First! *View our helpful install video at www.acariproducts.com*

These instructions provide all the necessary directions and information to allow your ACARI product to be safely and properly installed. Before beginning the installation, please have the installer and the operator read these directions thoroughly. These instructions contain important information regarding the safe installation and safe operation of your ACARI product that could prevent serious damage and injury to yourself or others.

The ACARI Roof Top Mount referred to as RTM is designed to facilitate the quick and simple installation of devices normally mounted to the roof of a pickup truck. Our product provides a durable platform onto which these devices may be mounted without requiring holes to be drilled into the cab roof for fastening or wiring access. ACARI RTM utilizes a system of weather-resistant gaskets and deflectors designed to redirect wind and moisture in common applications.

NOTE: ACARI RTM is not designed to be weather-proof in the event of power washing, mechanical car washing, or other forces beyond normal highway operation.

It is the responsibility of the owner/operator to periodically inspect the RTM to be sure the clamping system remains secure and the weather resistant gaskets are sealed.

The ACARI RTM is designed to provide a mounting platform for lighting, antennas, GPS, and other devices. In no way is the ACARI RTM to be used as a load bearing rack for ladders or other equipment or supplies. The recommended weight restriction of the ACARI RTM is 50 lbs.

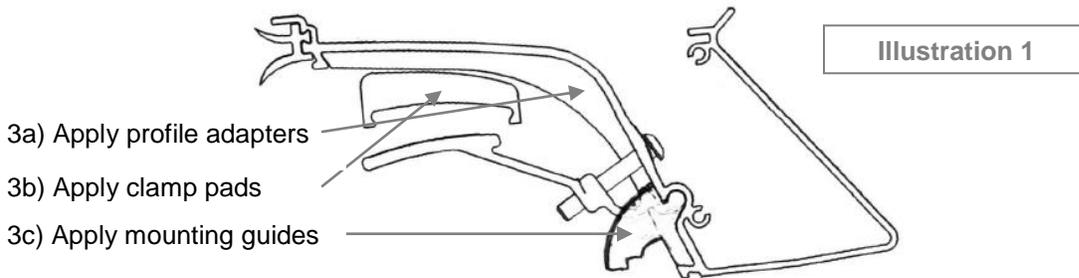
ACARI Engineering recommends following the mounting guidelines provided by the equipment manufacturer regarding location and proximity of electronic devices being installed on the RTM. The ACARI RTM is manufactured of anodized aluminum but is mounted to the vehicle with gaskets to provide a water-resistant bond and protect the finish of the vehicle. As such, the ACARI RTM **may not** be grounded to the vehicle without the installation technician applying an appropriate grounding mechanism.

MOUNTING THE UNIT: *View our helpful install video at www.acariproducts.com*

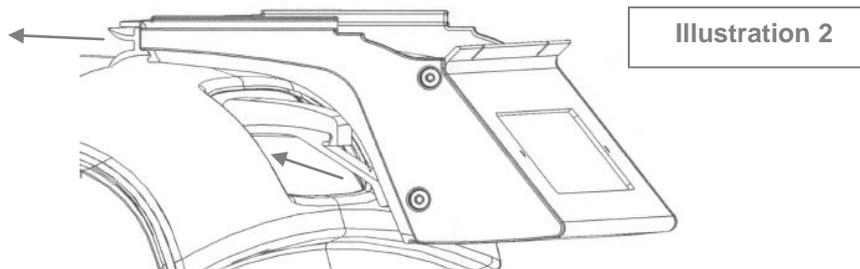
The ACARI Drill-Free Roof Top Mount (RTM) has been designed with a commonality of many parts for the different vehicle installations. Each vehicle type has a corresponding gasket adapter designed specifically to fit the shape and contours of the interior and exterior of the trailing edge of the truck cab. Each set of instructions is common overall with vehicle specific notations to highlight individual model applications.

NOTE: To maximize success of the water resistant seal, the RTM must be centered and level on the vehicle when installed.

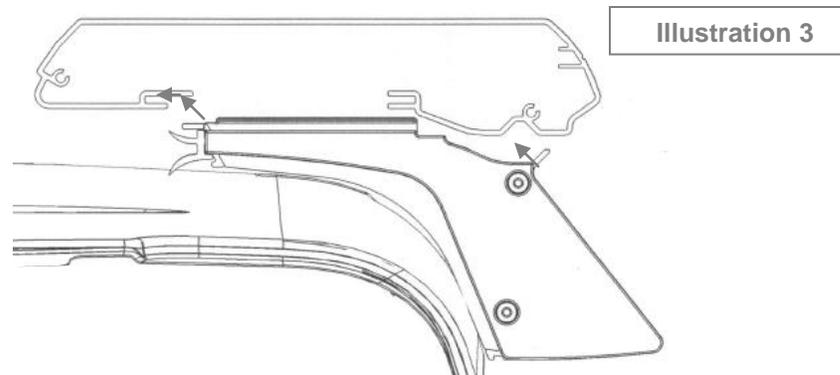
1. **Lower Mount Preparation:** Remove endcap and gasket from shipping position inside the Lower Mount and remove the perimeter gasket from its shipping position, tucked into the curve. Set aside.
2. Open the vehicle specific gasket adapter bag. Install the two **profile adapter** shapes, then slide to align with the outside edges of the Lower Mount. Loosen the two clamps, then peel and apply the vehicle specific **clamp pads**. Thickest part of the clamp pad must face toward the front of the vehicle. Install the two ABS **mounting guides** by snapping them into the extrusion channel inside and adjacent to the clamps.



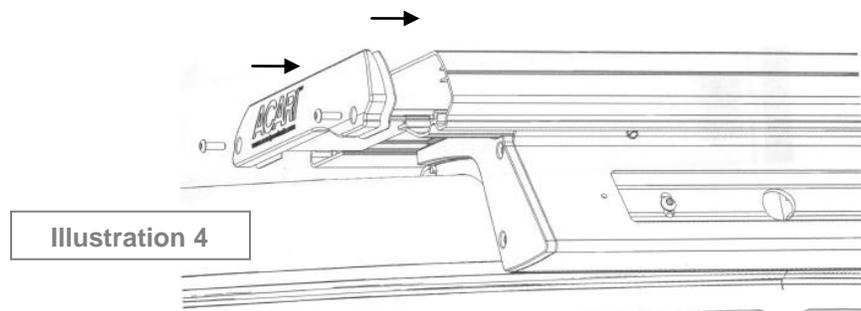
3. Pull off the protective tape on the aluminum from one of the adhesive strips, center the perimeter gasket on the extrusion, and carefully apply the gasket flush to the outside edge of the adhesive. Remove tape from second strip of adhesive and repeat.
4. **Upper Platform Preparation:** Mount equipment (warning light, GPS, etc.) to top of the upper platform, attaching and fastening each item to their manufacturers' installation requirements. All wiring should include 8 to 10 inch leads and connectors. At same time, make up the corresponding wire harness for connection inside the vehicle. Lengths will vary by body type.
5. **Vehicle Preparation:** Remove the two mounting screws securing the CHMSL (Center High Mount Stop Light). Remove light housing from truck body, detach wiring connector, and set aside.
6. **Installation of the Lower Mount:** Pull all harness wires and CHMSL lead through the round hole between the clamps while easing the clamps up and into the cab body.



7. Place the Lower Mount onto vehicle. Ensure mounting guides rest on bottom edge of CHMSL opening. These guides will help keep the Lower Mount in the proper position. **MAKE SURE TO CENTER AND LEVEL THE LOWER MOUNT ON THE VEHICLE CAB.** Tighten the clamp adjustment fasteners to take up the slack until the gaskets fit uniformly against the profile of the cab body. Tighten both clamp fasteners equally to flatten the lock washers to a recommended torque of 15-18 ft/lbs each.
8. **Installation of the Upper Platform:** Holding the upper platform off-center to the Lower Mount, drop the wiring leads into the Lower Mount. Next, slide the projection tongue on the forward edge of the Lower Mount into the slot on the forward section of the Upper Housing. When inserting, be careful the wind/rain seal compresses evenly for proper performance. Finally, slide the upper platform to the centered position. Align two slots in rear of upper housing with two holes in rear of lower housing and install 2 #8 x 3/4" pan head screws. **NOTE: CONFIRM CENTERING AND LEVEL OF THE ROOF TOP MOUNT (RTM) BEFORE PROCEEDING.**



9. Slide remaining end cap assembly into the Upper Platform and position the endcap gasket. Ensure the filler panel locks into the slot of the Lower Mount endcap. Fasten the Upper Platform endcap using the provided TORX fasteners. **DO NOT OVER TIGHTEN!**



10. **For all Chevrolet and GM installations:** Reconnect the CHMSL harness and reinstall brake light into Lower Mount using original fasteners.
11. **For all Ford F-150 and Super Duty installations:** Install vehicle specific adapter bezel with gasket onto the Lower Mount and fasten using the fasteners provided. **DO NOT OVER TIGHTEN!** Reconnect the CHMSL harness and reinstall brake light into Lower Mount using original fasteners.