INSTALLATION INSTRUCTIONS

Thank you for purchasing ADARAC™ Truck Bed Rack, ADARAC™ Aluminum Series or ADARAC™ Aluminum Pro Series. Agri-Cover, Inc. proudly manufactured this product using superior quality materials and workmanship. With proper care, your rack will provide years of service and enjoyment.

NOTICE TO INSTALLER: Even if familiar with hardware, read instructions prior to installation as improvements may be made without notice. Always handle components with care. If you have questions or problems call customer service. When done, these instructions must be given to the consumer.

NOTICE TO CONSUMER: Before using this product, read maintenance and safety sections. Save these instructions for future reference.

FOR YOUR RECORDS

DATE PURCHASED: ________________________________
WHERE PURCHASED: ________________________________
SERIAL NUMBER : ________________________________
    (Located on the driver’s side rail)
WARNING

The ADARAC™ Truck Bed Rack, ADARAC™ Aluminum Series and ADARAC™ Aluminum Pro Series have a maximum load capacity of 250 lbs. per cross bar, distributed evenly. DO NOT EXCEED this capacity. Always secure cargo properly. Failure to secure cargo or hauling inappropriate cargo may result in personal injury or death. Agri-Cover, Inc. is not responsible for any property damage, personal injury or death incurred while using any Agri-Cover, Inc product.

CAUTION

This product is only intended for, and only safe for transporting ladders, lumber, pipe and other similar materials. It is the responsibility of the user to secure these materials to the rack before transporting. Never load your rack to exceed the safe capacity of your vehicle.

Heavy loads when carried high can dangerously alter the center of gravity of your vehicle. Consult your vehicle’s owner’s manual for specifications on load ratings and recommendations of installation of aftermarket racks. Any modifications made to this product or use of this product for any other purpose than its intended use could create a hazardous condition that can cause serious personal injury or property damage.

NOTE

Before entering low clearance areas, check height clearance to ensure safe entry (empty or loaded).

NOTICE

Any modification or unintended use of this product shall immediately void all manufacturer’s warranties. Manufacturer disclaims all liability for injuries to persons or property resulting from any modification to or unintended use of this product.

Some vehicle manufacturers require a reinforcing kit, available through the vehicle dealership, to be installed on the truck box prior to mounting any kind of rack. Contact your dealership to see if your vehicle requires a reinforcing kit before installation.

NOTE: Installation and use of any box rail mounted accessory may cause minor aesthetic damage to exterior of vehicle. Agri-Cover, Inc. makes no claims or warranties as to a particular vehicles ability to support rail mounted accessories without incurring damage. Load capacity of 250 lbs. per cross bar distributed evenly applies to ADARAC™ Truck Bed Rack, ADARAC™ Aluminum Series and ADARAC™ Aluminum Pro Series. See your vehicle manufacturer’s specifications for bed rail mounted accessories.
OVERVIEW

ADARAC™ Truck Bed Rack, ADARAC™ Aluminum Series and ADARAC™ Aluminum Pro Series support ACCESS® Roll-Up Covers.

The ADARAC™ Aluminum Pro Series supports full use of a LOMAX™ Hard Tri-Fold Cover (straight uprights only).

NOTE: These instructions describe how to install the ADARAC™ Truck Bed Rack, ADARAC™ Aluminum Series and ADARAC™ Aluminum Pro Series. The hardware installs in the same method, except for how uprights mount to rack rails. On the ADARAC™ Truck Bed Rack, uprights mount with bolts and nuts, while on the Aluminum and Aluminum Pro Series the uprights mount using bolts and channel nuts (installed in rack rails).

PREPARATION

Unpack components and clean truck box rails. For additional installation assistance, go to adarac.com for install video.

COMPONENTS

• (4) Clamp plates (quantity varies)
• (4) Alignment plates (quantity varies)
• (2) Rails
• (4) Uprights with bolts and nuts
• (2) Cross bars
• (4) Cross bar mounting brackets with bolts
• (4) Cross bar end caps
• (2) Stabilizing rubber caps (ADARAC™ Aluminum and Aluminum Pro Series only)

TOOLS NEEDED

• (1) Phillips screwdriver
• (1) Protective eyewear
• (1) Ratchet with 9/16" socket and extension
• (1) Tape measure

SAFETY INFORMATION

• Read and adhere to safety warnings and cautions
• Don't exceed weight rating of rack and always distribute weight evenly
• Don't exceed weight rating of truck
• Always secure objects to ADARAC™
• Always use caution when loading or unloading cargo
• Team load and unload heavy or cumbersome objects
• Always drive cautiously with cargo on ADARAC™. Additional weight changes dynamics of driving
• If required, use dealer reinforcing kit
• Consult your vehicle’s owner’s manual for load ratings and recommendations of installation of aftermarket racks
• Be aware of total vehicle height with ADARAC™ and cargo, ensure safe passage under any low clearances
• Verify ADARAC™ and accessories are mounted securely before loading cargo or operating truck
PARTS DIAGRAM: ADARAC™ TRUCK BED RACK

NOTE: Hardware type and quantity may vary.
PARTS DIAGRAM: ADARAC™ ALUMINUM SERIES

NOTE: Hardware type and quantity may vary.
PARTS DIAGRAM: ADARAC™ ALUMINUM PRO SERIES

NOTE: Hardware type and quantity may vary.
1. PREPARING CLAMP ASSEMBLY AND RACK RAILS

IMPORTANT: Stake pockets must be open to install this product. Remove any accessories or snap-in stake pocket covers. If stake pockets are fully capped, see manufacturer's instructions on how to cut out openings.

ASSEMBLE THREADED CLAMP:

A. Assemble threaded clamp and alignment plates to cord. Loop cord around clamp plate (with extended threads toward cord loop), add alignment plates equally and then tie knot at top of cord.

**NOTE:** Each cord should have a threaded clamp plate and one or more alignment plates.

PREPARE RACK RAILS (for rails with mounting channels):

**NOTE:** If your rails do not have mounting channels, proceed to next step.

A. Place rack rail on flat surface and then insert (4) small channel nuts.

**TIP:** If installing optional rack rail accessories, insert additional channel nuts to support the accessories. For more information see accessory instructions.

B. Insert end caps into both sides of rack rail.

C. Tighten end cap retaining screws with Phillips screwdriver.

D. Repeat for remaining rack rail.
2. INSTALLING RACK RAIL

A. Align driver’s side rack rail with warning decal near tailgate and long slotted holes over stake pockets (passenger side rail does not have decal).

**NOTE:** Do not allow rack rail to pass front edge of box.

B. Angle rack rail until slotted hole is accessible from bottom. Route knotted end of clamp cord under and through slotted hole then align clamp with stake pocket.

C. While holding clamp cord knotted end, drop clamp into stake pocket then move rack rail slot over stake pocket.

**IMPORTANT:** Ensure extended threads on clamp plate are toward the box floor.

D. Move cord until clamp and alignment plates line up with stake pocket. Pull cord up until clamp and alignment plates are held against stake pocket and bottom of rack rail. Continue pulling tight on cord for next step.

E. Place flat washer over slotted hole and turn a 3/8" X 1-1/2" hex bolt into threaded clamp until finger tight. Ensure alignment plates remain in line with stake pocket.

F. Repeat Step 2 for remaining stake pockets.
2. INSTALLING RACK RAIL (Continued)

G. Slowly close tailgate to ensure it does not hit or rub against rack rail. If needed, adjust rack rail forward.

**NOTE:** Do not allow rack rail to pass front edge of box.

H. Repeat for rack rail on passenger side.

I. When complete, remove cords and fully tighten rack rail bolts.

**Tip:** For easy removal of internal parts later, undo knot in cord, make single knots at each of the ends and then push cord into stake pocket.

3. PREPARING CROSS BAR AND UPRIGHTS

A. Peel masking (protective film) off uprights. If needed, wipe away any remaining adhesive residue.

B. At top of upright, thread (2) 3/8” X 5/8” hex bolts from the bottom of bolt holes into mounting bracket. Leave mounting bracket loose for now. Repeat for each upright.

**NOTE:** Ensure extended threads on mounting bracket face up.
4. ASSEMBLING UPRIGHTS

IMPORTANT: Some truck boxes are wider at front (by cab) than at rear (by tailgate). Always measure both locations and when different, assemble uprights accordingly.

A. Measure and record mounting distance between inside rack rails at selected front and rear locations.

NOTE: Upright mounting locations are user defined and vary based on application.

Tip: Attach uprights with mounting bracket to cross bar while components are on a flat surface.

B. Slide mounting bracket into free cross bar channel.

NOTE: Cross bar appearance may vary.

Tip: When assembling uprights, ensure decal faces the same direction as the flat sides of the uprights.

NOTE: ADARAC™ Aluminum Series and Aluminum Pro Series are supplied with decals on both cross bars, while ADARAC™ Truck Bed Rack is supplied with one decal on one cross bar.
4. ASSEMBLING UPRIGHTS (Continued)

C. Space bottom of uprights to match measurement recorded earlier of distance between rack rails. Center cross bar then turn bolts snug enough to prevent cross bar slippage.

D. Install end caps to both sides of cross bar.

**NOTE:** End cap appearance may vary.

E. Repeat procedure for the remaining uprights and cross bar.

5. MOUNTING UPRIGHTS

A. Set upright assembly in the desired front position between rack rails.

B. Uprights should fit snug in between rack rails. If needed, adjust cross bar mounts until uprights fit snug.

**IMPORTANT:** Ensure front upright is mounted with the angled sides facing the tailgate and flat sections facing cab.
5. MOUNTING UPRIGHTS (Continued)

Depending on rack rail, perform one of the following:

**RACK RAILS WITH MOUNTING CHANNELS:**

- **NOTE:** If your rails do not have mounting channels, proceed to next step.

A. Align channel nuts with bolt holes in uprights.

B. Thread 3/8" X 5/8" bolts into nuts on both sides and finger tighten.

C. Check for equal distance from closest edge of box to upright. Adjust if distance to box edge is unequal. Use a ratchet with 9/16" socket to tighten bolts snug enough to prevent slippage.

D. Repeat for rear uprights.

**NOTE:** Ensure rear uprights are mounted as described below in *Rear Upright Orientation*.

**RACK RAILS WITH BOLT HOLES:**

A. Align front uprights with desired rack rail mounting holes then secure each upright with (2) 3/8" X 1" carriage bolts and nylock flange nuts.

B. Repeat for rear uprights.

**NOTE:** Ensure rear uprights are mounted as described below in *Rear Upright Orientation*.

**REAR UPRIGHT ORIENTATION:**

**IMPORTANT:** Ensure rear upright is mounted with the angled sides facing the cab and flat sections facing tailgate.
5. MOUNTING UPRIGHTS (Continued)

UPRIGHT MOUNTING TIPS:
Verify if uprights were installed correctly:

Correct installation: The cross bar centers **without binding** between uprights.

Incorrect installation: The cross bar centers **with binding** between uprights, forcing cross bar to bow up or down.

If required, adjust cross bar or upright mounts until uprights and cross bar installs correctly without bowing up or down.
6. TIGHTENING HARDWARE

A. After verifying uprights and cross bars are correctly installed, fully tighten all bolts by turning hex heads with a ratchet and 9/16" socket until serrations on flanges are seated tightly.

B. Periodically check the bolts at the following locations:

**Uprights**: All bolts attaching cross bars to uprights.

**Rack rails**: All bolts attaching uprights to rack rails.

**Stake pockets**: All bolts attaching rack rails to stake pockets.
### GENERAL TROUBLESHOOTING

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upright assembly is too wide or narrow to fit snug in between rack rails.</td>
<td>A. Loosen cross bar mounting bracket, adjust uprights to required location, tighten cross bar mounting bracket.</td>
</tr>
<tr>
<td>Cross bar bows up or down</td>
<td>A. Check weight. Do not exceed weight rating.</td>
</tr>
<tr>
<td></td>
<td>B. Check bolts are not loose.</td>
</tr>
<tr>
<td></td>
<td>C. Loosen cross bar mounts and adjust uprights to required location.</td>
</tr>
<tr>
<td></td>
<td>D. Cross bar may be damaged and require replacement.</td>
</tr>
<tr>
<td>Uprights are uneven</td>
<td>A. Check upright base are equal distance from closest end of box.</td>
</tr>
<tr>
<td>Tailgate has trouble closing</td>
<td>A. Adjust rack rails forward.</td>
</tr>
<tr>
<td></td>
<td><strong>NOTE:</strong> Do not allow rack rail to pass front edge of box.</td>
</tr>
<tr>
<td>Uprights interfere with opening or closing LOMAX™ Hard Tri-Fold Cover on ADARAC™ Aluminum Pro Series</td>
<td>A. Adjust uprights evenly outward on cross bar until LOMAX™ opens and closes without obstruction.</td>
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### INSPECTION AND MAINTENANCE

The consumer can perform most of inspection and maintenance. It may be necessary to review the instructions.

- Periodically inspect the condition of all parts. Check for loose bolts and parts, tighten if needed.
- Replace damaged parts.

**NOTE:** Inspection and/or maintenance should also be performed anytime a malfunction is observed or suspected. If you need assistance inspecting and/or servicing your ADARAC™ call Customer Service at 866-630-8726. If you want to order a replacement part, call Customer Service. Always use original equipment replacement parts for your ADARAC™.
MANUFACTURER’S LIMITED WARRANTY

Agri-Cover, Inc. extends the following one (1) year Limited Warranty for the ADARAC™ Truck Bed Rack, ADARAC™ Aluminum Series and ADARAC™ Aluminum Pro Series:

Agri-Cover, Inc. warrants for a period of one (1) year from the date of manufacture that its ADARAC™ Truck Bed Rack, ADARAC™ Aluminum Series and ADARAC™ Aluminum Pro Series are free from defects in workmanship, under normal use for the vehicle model it was intended for. This Limited Warranty does not cover any damage due to accident, abuse, misuse, alteration, neglect, improper installation, or ordinary wear and tear.

Agri-Cover, Inc.’s sole obligation under this Limited Warranty is limited to the repair or replacement, at its option, of defective parts only. No labor or service allowance is given or implied. IN NO EVENT SHALL AGRI-COVER, INC. BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES. AGRI-COVER, INC. EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE LIMITED WARRANTY DESCRIPTION CONTAINED HEREIN.

For warranty, fill out the warranty claim form at www.agricover.com/warrantyclaim or call our Customer Service Department at 866-630-8726 to determine if only a replacement part is needed or if the rack needs to be returned for inspection and repair. Goods to be returned must have a pre-authorized RA # (Returned Authorization Number) - obtained by calling the number above. Mark the number on the package and ship it freight prepaid to address below. Agri-Cover, Inc. will pay freight to return goods to sender.

This Limited Warranty gives you specific legal rights and you may have other rights, which vary, from state to state.

For replacement parts, shop at accesscoverparts.com or call Customer Service at 866-630-8726.