

LORADO™

ROLL-UP COVER

INSTALLATION INSTRUCTIONS AND OWNER'S MANUAL

INSTALLER: These instructions and warranty card must be given to the consumer.

CONSUMER: Retain these instructions for future use.

**READ ALL INSTRUCTIONS
CAREFULLY BEFORE
INSTALLING OR USING THIS COVER.**



AGRI-COVER, INC.

P.O. Box 508 • Jamestown, ND 58402-0508

701-251-1427

9:00 a.m. - 5:00 p.m., Central Time
Monday through Friday, except holidays.

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Part No. 50219 REV:D 022206TR5000

CONTENTS

FOR YOUR RECORDS:

DATE PURCHASED _____

WHERE PURCHASED _____

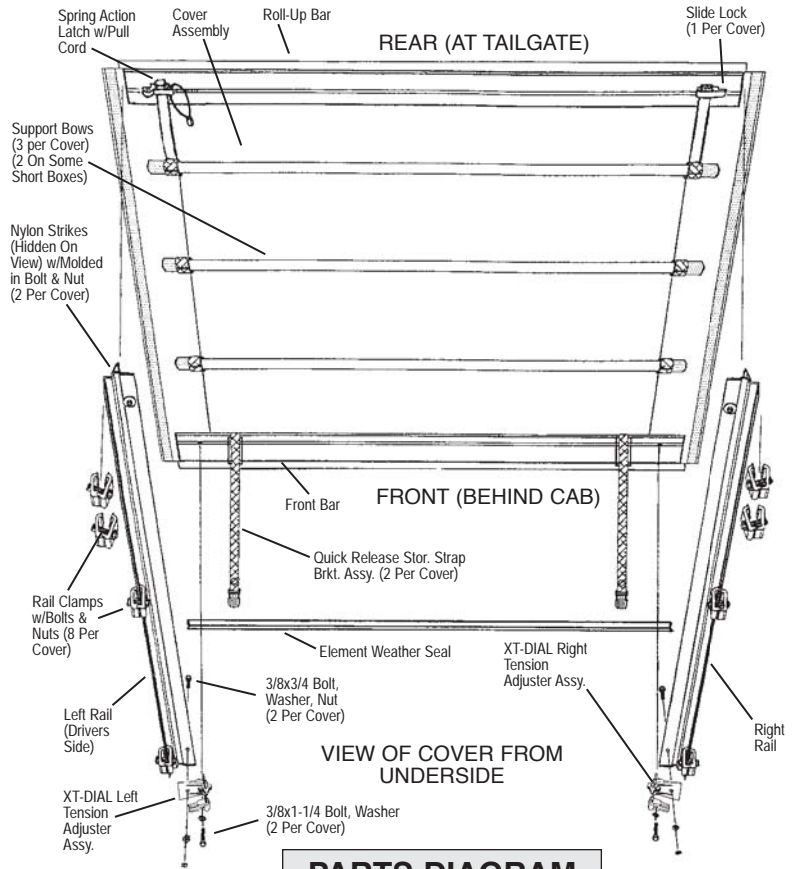
SERIAL NUMBER _____
 (Located on decal under rear bar by tailgate)

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If you find a part, or parts missing or defective, or if you're having trouble installing your new pickup cover, please have serial number ready (found on decal under rear bar by tailgate) and call the customer service number on the back page. **It is recommended that you take the time to review all the material in this manual, even if already familiar with the product, because often changes are made without prior notice.**

IMPORTANT

Promptly confirm your warranty registration by filling out and mailing enclosed warranty card to Agri-Cover, Inc., or register online at www.agricover.com.



PARTS DIAGRAM

INSTALLATION INSTRUCTIONS

TOOLS & EQUIPMENT NEEDED

- A. Two 9/16" box wrenches
- B. Impact wrench with 9/16" socket (optional)
- C. Household weigh scale (for adjusting cover tension)
- D. Two vise-grip type C-clamps (for holding rail to pickup box)
- E. Scissor, soapy water, isopropyl alcohol, clean shop towel
- F. Protective eye wear

NOTICE TO INSTALLER: ALWAYS HANDLE COVER AND ITS COMPONENTS WITH CARE TO AVOID DAMAGE.

STEP 1: POSITIONING THE SIDE RAILS

INSTALLATION TIP:

The front end of the rail is the end with the hole. The rear end of the rail has the nylon strike bracket.

- A. Place the mounting portion of the rail against the upper inside wall of the box. Slide the rail forward until the front end stops against the inside front of the box. (See *Illustration 1 and 2*). Use two vise-grip C-clamps to temporarily clamp the rail to the box. Setting of vise-grip clamp should be only snug tight.
- B. Adjust the height of the rail by positioning **the edge of the rail flush with or slightly higher than the top of the box.** (See *Illustration 2*)
- C. At the tailgate end, adjust the edge of the side rail even with the top of the tailgate or tailgate protector. (See *Illustration 3*). (Example: if tailgate protector is 1/8 inch thick, raise the rear of the rail 1/8 inch).

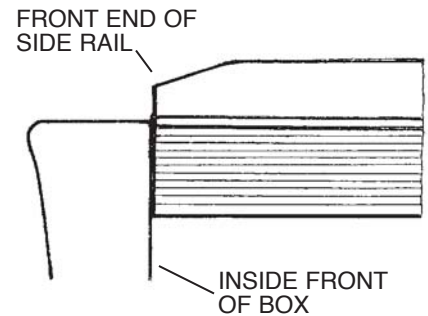


ILLUSTRATION 1

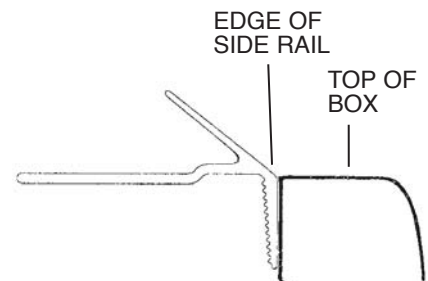


ILLUSTRATION 2

STEP 2: FASTEN THE SIDE RAILS AND INSTALL FRONT SEAL

- A. There are 4 clamps provided for each rail. Beginning at the front, place a clamp about 8" or closer from the end and tighten with 9/16" wrench. Position the clamp up or down as needed to level the rail. Next place a clamp at the center of the rail and tighten it. Then place a 3rd clamp 8" or closer from the back end. While holding rear of rail at proper height for tailgate and tailgate protector, tighten clamp. Position the fourth clamp about 10 inches away from the third and fasten tight. Then go back and forth re-tightening each clamp until both are tight. See *Illustration 3* for proper rail height/level. Make sure all clamps are tight.

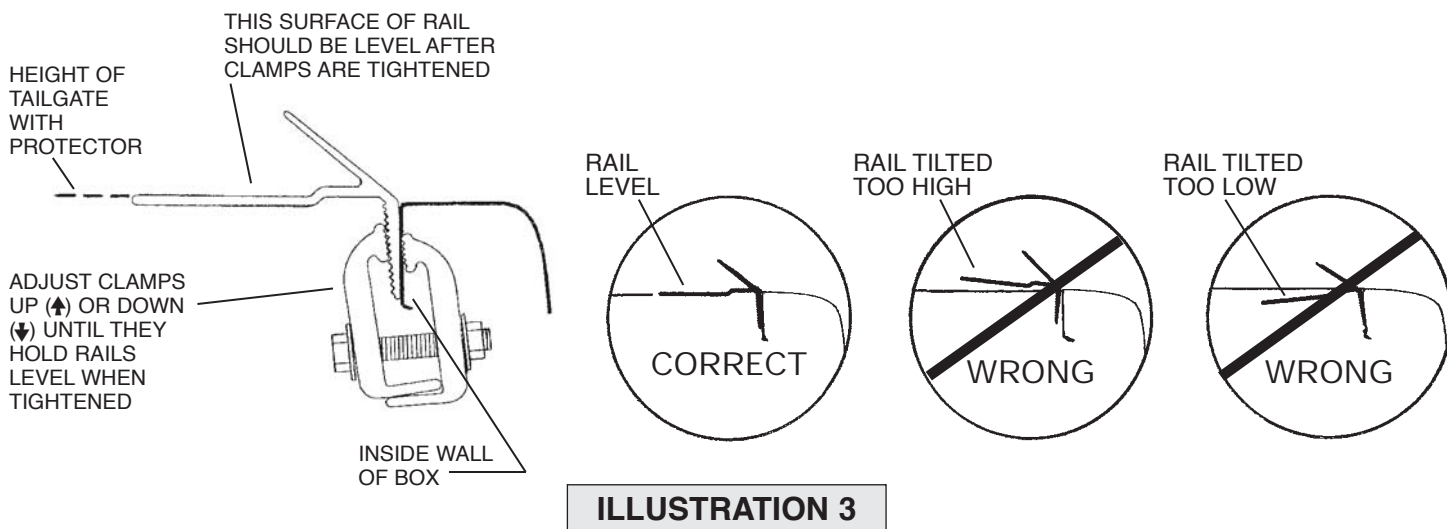


ILLUSTRATION 3

IMPORTANT BEFORE PROCEEDING TO NEXT STEP:

1. Make sure that the rails are flush with or slightly higher than top of the box on sides. If tailgate has a protector the back of rail must be flush with top of tailgate protector to ensure the cover closes properly.
2. Make sure the rails are level and clamps are tight.

- B. This kit contains an ELEMENT™ weather seal package, that provides additional protection from weather elements. For best results, install this seal after installing the side rails.

Clean box header with soap/water solution. Use isopropyl alcohol for final cleaning.

Align ELEMENT seal on box header as shown in *Illustration 4*. Peel off paper back and adhere across entire box, starting from inside corner edge and stopping at opposite inside corner edge. Trim cut excess. See *Illustration 4*.

TIP: For additional protection - locate and seal miscellaneous factory holes, crevices, stake pockets, etc. that may be on box (sealant not included).

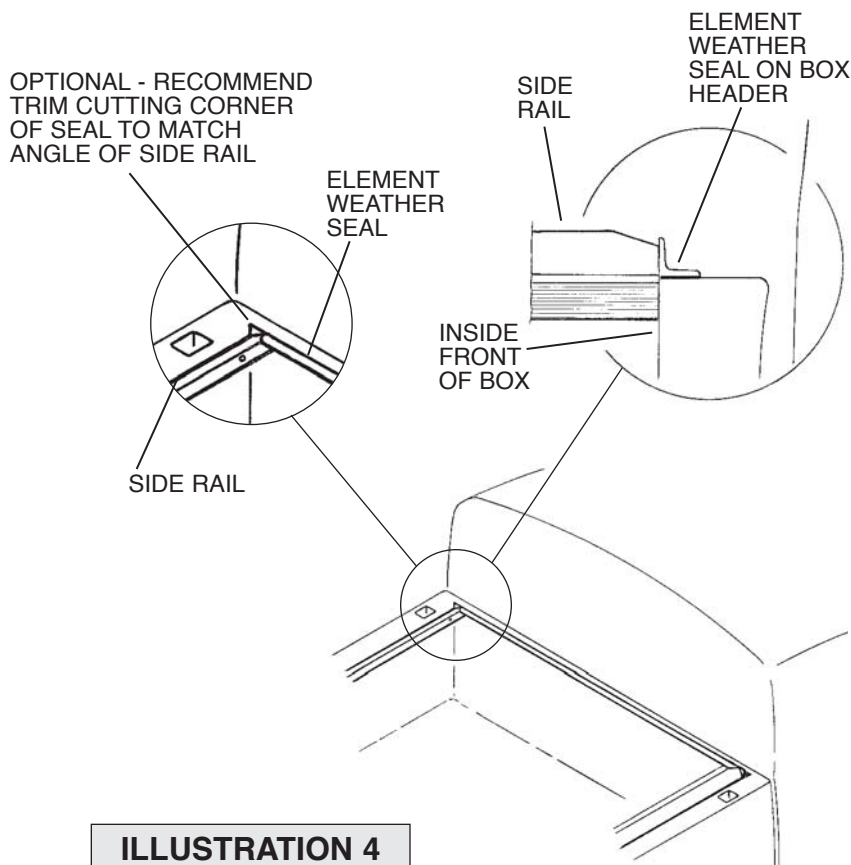


ILLUSTRATION 4

INSTALLATION INSTRUCTIONS

STEP 3: MOUNTING THE ROLLED-UP COVER

INSTALLATION TIP:

The cover assembly is packaged in the pre-rolled open position for ease of installation.

- A. Remove cover from plastic wrapping. **Leave cover rolled up as the outer bar is the front bar.** Space out the 4 nuts in track of front bar, 1 for each storage bracket and 1 for each tension adjuster. (See *Illustration 5*). Insert lead end of storage strap through cut-out in front fabric flap. Pull strap with buckles all the way through until hole in bracket lines up with nut in bar. If the fit is tight, buckles will need to be forced through. Turn bracket bolt tight. (See *diagrams in Illustration 5*). Make sure the extra nuts for tensioners are in position at each end. Next assemble left (L) driver side and (R) passenger side tension adjusters to front bar. Use long hex bolt with washer. Leave tension adjusters loose so they slide in track of bar for now.
- B. Place the front bar (with cover in rolled up position) on the front flat portion of the side rails behind cab. Center front bar between the side rails. Make sure the vinyl flap sewn on the front edge is tucked under the front bar facing to the inside of the box. This will be the starting point before fine adjustments are made. (See *Illustration 6*)

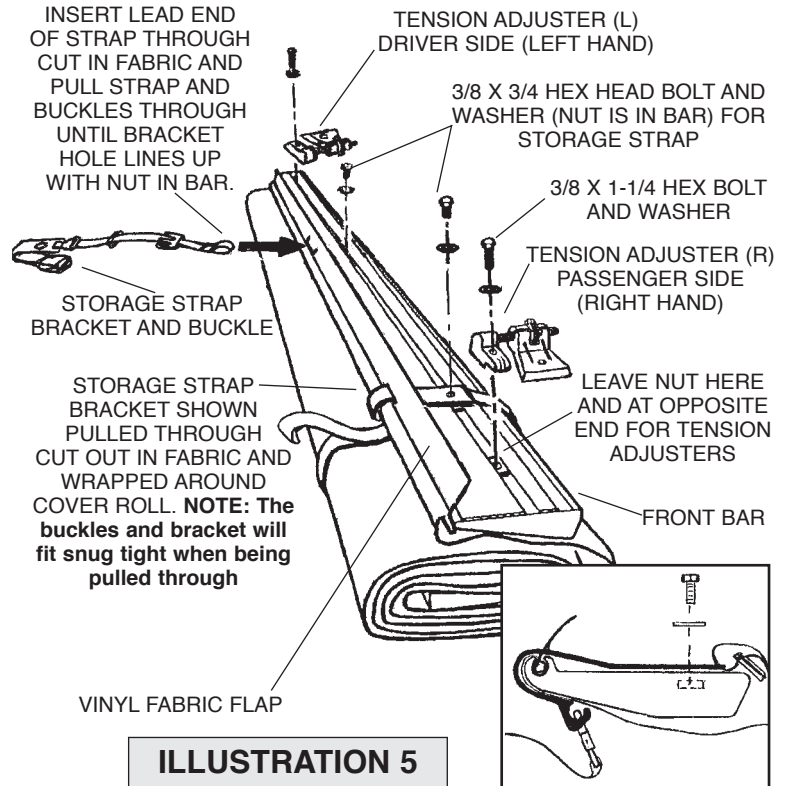
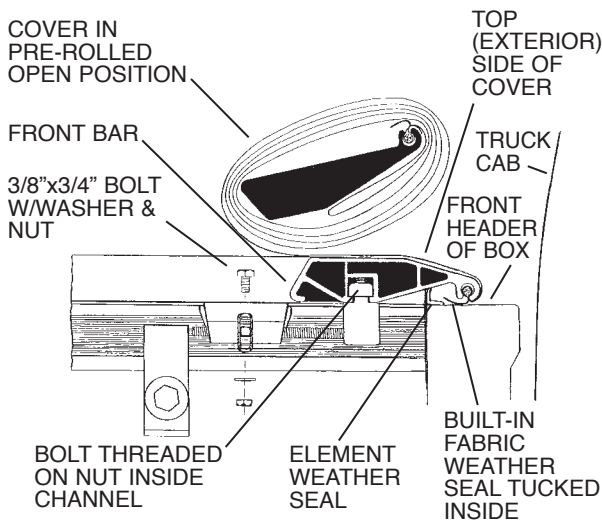


ILLUSTRATION 5

- C. Slide the tension adjuster assembly adjacent to the side rail. Make sure clamp on front bar **slides under side rail**. Insert a 3/8"x3/4" hex bolt through the rail and rear mounting bracket of the tension adjuster assembly. Thread nut with washer on and turn tight. Do this on both tension adjuster assemblies. Next, **center the front bar between the side rails**. Then **tighten the bolt** holding the front clamp to the front bar. (See *Illustration 6 and 7*)

INSTALLATION TIP:

If the hole on tension adjuster does not line up with the hole in the side rail, by hand push the front bar forward or rearward as needed.

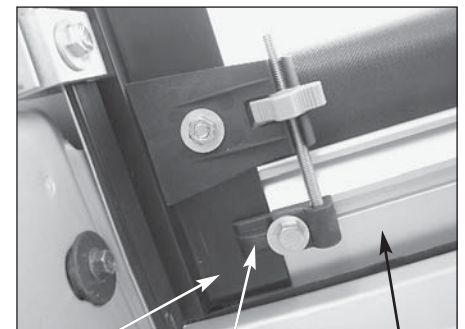


INSIDE VIEW OF FRONT LEFT CORNER

ILLUSTRATION 6



VIEW FROM TOP LOOKING DOWN



SIDE RAIL THUMB DIAL CLAMP UNDER SIDE RAIL FRONT BAR

ILLUSTRATION 7

INSTALLATION INSTRUCTIONS

STEP 3: CONTINUED

D. Roll cover out to the strikes. Engage rear bar in strikes. (See *Illustration 8*) Press down on bar to close cover. To open, pull latch from left to right, hold, and lift up on the rear of roll bar.

INSTALLATION TIP:

If you have difficulty with latch locking system, make sure rails at tailgate are set to proper height and level - refer back to *Illustration 3*, page 2.

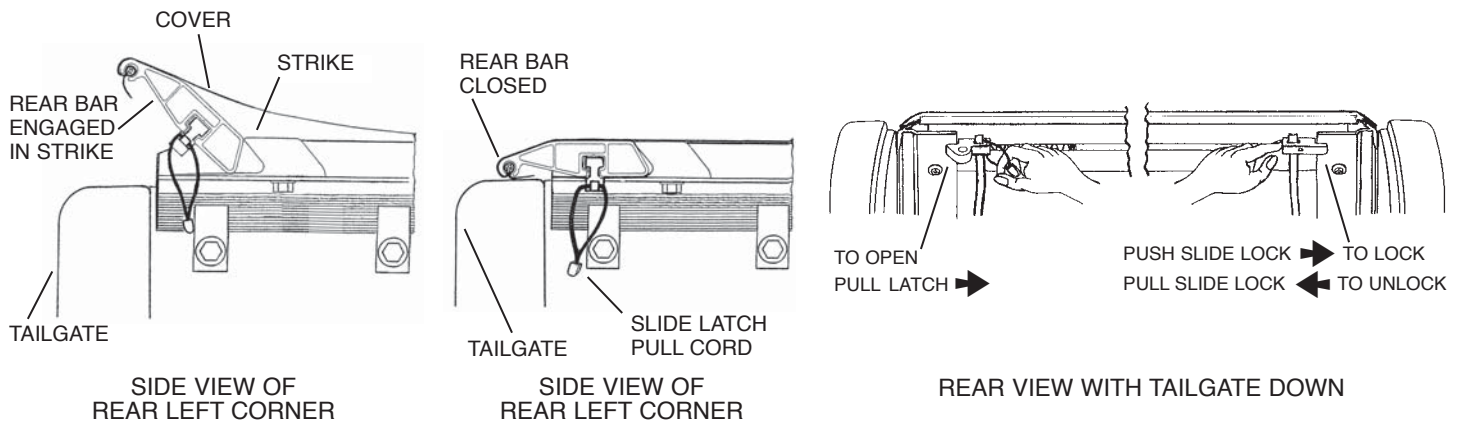


ILLUSTRATION 8

STEP 4: ADJUSTING THE TENSION OF THE COVER

A. The tension of the cover is adjusted by sliding the front bar forward or backward. This is done with the thumb dial adjuster. Turning the thumb dial counter clockwise will slide the front bar forward – increasing tension on the cover. Turning the thumb dial clockwise will slide the front bar rearward – decreasing the tension on the cover. (See *Illustration 9*) Make final tension adjustments to your cover now. Open roll bar and slowly close it, testing for 30 lbs of pressure. If cover is too loose or too tight open roll bar one-half turn and lift cover up enough to reach in and turn thumb dials on each side. Then close roll bar and retest for pressure, make sure the hook and loop on sides are loose (not sealed) when adjusting and testing cover tension. Repeat until proper tension is achieved. When properly adjusted, cover should be flat and smooth (no sagging between bows) lengthwise.

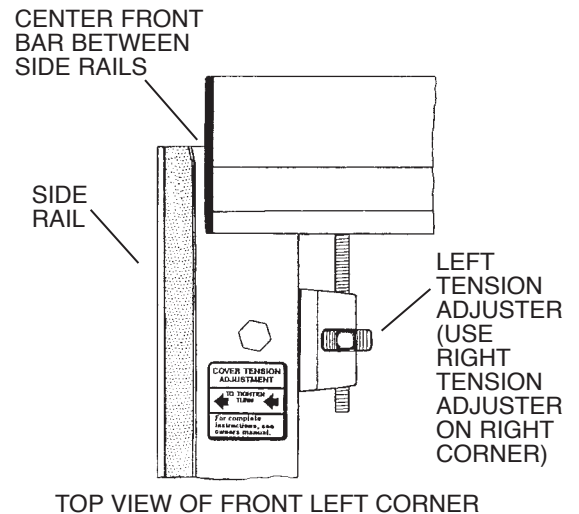


ILLUSTRATION 9

INSTALLATION TIP:

Place a household weigh scale at rear of box on floor. Stand on scale and read weight. Slowly push down on rear roll bar till closed and read the lowest reading on scale. Subtract this number from the first reading. The net difference is the amount of pounds needed to close rear roll bar. Adjust cover tension to a recommended 30 lbs.

OPERATING INSTRUCTIONS



Unroll to close. Roll-up to open.



Push down to close. Pull latch to side and lift to open.



Seal hook and loop system on sides to close. Auto-releases when opening.

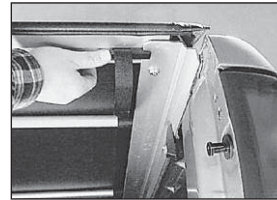
STEP 1: CLOSING FROM OPEN POSITION

- Release the retainer straps at the front and using both hands roll the cover out to the rear of box.
- Position the roll-up bar against the strikes. Push down on bar until spring loaded latch locks into place under driver side rail. Optional, for extra security push slide lock into place under passenger side rail.
- Now along the side of the box, seal the cover edges with the hook and loop sealing system the full length of cover on both sides.

STEP 2: OPENING FROM CLOSED POSITION

- Open tailgate - pull slide lock on passenger side if locked, then under driver side rail pull spring loaded latch to side and lift up on rear of roll-up bar.
- Using both hands, roll the cover up toward the front of the box (not against cab.)
- Now, securely fasten the retainer straps to store the cover.

SAFETY WARNINGS: ALWAYS FINISH SECURING THE COVER. DO NOT OPERATE COVER IN WINDY CONDITIONS.



SLIDE-LOCK

When needed, the roll-up bar can be locked from beneath when the tailgate is open. Push to lock, pull to unlock. This feature is used in conjunction with a tailgate lock. (Tailgate locks sold separately.)



Cover rolled fully open with both safety straps secured. **NOTE:** Cover is not rolled against cab to avoid wear on paint and cover.

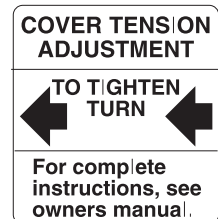
INSPECTION AND MAINTENANCE

- Inspection and much of the maintenance can be done by the operator. It may be necessary to review the installation and operating instructions.
- Periodically inspect the cover assembly. Check for loose bolts and parts and the condition of all parts. Test the operation to ensure that the parts are functioning properly and that the cover is in top operational condition.
- If nylon latch has been damaged replace with new one.

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 cover, or if you want to order a replacement part, call the customer service number on the back page.

- Vinyl cover can be treated with vinyl protectants. Avoid silicon base products.
- Never clean cover with petroleum or citrus base products. Use mild soap and water.



SAFETY INFORMATION

- Do not cover cargo that is higher than the cover.
- Do not place object on or against the cover or its framework at any time.
- Always secure cargo so cargo can not shift and damage the cover or its parts.
- Do not use the covers' framework to tie down cargo.
- Never stand, sit or ride on the cover or allow others to do so.
- Do not leave valuables in an unattended vehicle as the cover does not prevent theft of contents in the truck box.
- The cover does not eliminate moisture and dust from entering the truck box. Special wrapping or packaging of the contents may be necessary.
- Due to poor ventilation, if you allow a pet animal in the box, leave cover open. Do not allow people or animals to occupy box with the cover closed.
- When towing vehicle backwards, cover must be rolled fully open and secured with safety straps or fully closed and secured with manual slide lock.



LORADO TROUBLESHOOTING

PROBLEM	SOLUTION
COVER TOO LOOSE...	...TURN BOTH TENSION ADJUSTERS COUNTER CLOCKWISE TO MOVE FRONT BAR FORWARD. (Refer to Step 4)
COVER TOO TIGHT...	...TURN BOTH TENSION ADJUSTERS CLOCKWISE TO MOVE FRONT BAR REARWARD. (Refer to Step 4)
GAP BETWEEN ROLL-UP BAR AND TAILGATE...	...RAILS SET TOO HIGH. (Refer to Illustration 3)
COVER IS TOO WIDE... TOO NARROW...	...CHECK RAILS. RAILS IN - TOO WIDE - PUSH ALL CLAMPS TO TOP OF RAIL. RAILS OUT - TOO NARROW - PULL ALL CLAMPS DOWN ON RAIL. (Refer to Illustration 3)

LOPSIDED COVER TOO MUCH ON ONE SIDE...	...CHECK FRONT BAR. IT MUST BE CENTERED SIDE TO SIDE.
TOP OF TAILGATE HITS REAR BAR WHEN ATTEMPTING TO CLOSE...	...RAISE SIDE RAILS AT REAR OF BOX UNTIL TAILGATE CLOSSES WITHOUT PUSHING REAR BAR UP. (Refer to Illustration 3)
NYLON LATCH DOESN'T ENGAGE...	...CHECK SIDE RAILS FOR HEIGHT/ LEVELNESS. (Refer to Step 2 Illustration 3 and Step 3 Illustration 8)
MANUAL SLIDE LOCK (PASSENGER SIDE) TOO LOOSE OR TOO TIGHT...	...USE 1/8" ALLEN WRENCH AND ADJUST SET SCREW TIGHTER OR LOOSER AS DESIRED. LOCK PERFORMS BEST WITH SOME FRICTION.

MANUFACTURER'S *PREMIUM COVER*[™] LIFETIME LIMITED WARRANTY

Agri-Cover, Inc. extends the following lifetime limited warranty to the original retail purchaser of any LORADO Roll-Up Covers.:

Agri-Cover, Inc. warrants its LORADO Roll-Up Cover to be free from defects in material and workmanship for as long as the original purchaser owns the truck on which the cover was originally installed and as long as the cover remains continuously installed on said truck.

Agri-Cover'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 performance call our Customer Service Department at 701-251-1427 to determine if only a replacement part is needed or if the cover needs to be returned for inspection and repair. **Warranty registration must be on file and/or proof of original purchase (detailed and dated receipt) required for warranty to be effective. Goods to be returned must have a pre-authorized RGA # (Returned Goods Authorization Number)** – obtained by calling the number above. Mark the number on the package and ship it freight prepaid to address below. Agri-Cover will pay freight to return goods to sender.

This limited warranty does not cover any damage due to accident, abuse, misuse, alteration, neglect, improper installation, or ordinary wear and tear.

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

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U.S. Patent Nos. 5,076,338; 5,174,353; 6,543,835; 6,672,644; 6,851,738 and other patents pending.