Thank you for purchasing the Velocity by LEER™ roll-up, soft tonneau cover. At LEER, we made sure it offered innovative patented and patent-pending features you couldn’t find anywhere else. For instance, it has a dual-latching system that locks the cover down. With its exclusive pinch latches, you can quickly pop the cover open from either side of the bed. As a result, Velocity by LEER is simply unmatched along with its superior materials and craftsmanship. With proper care, your tonneau cover will provide years of service and enjoyment.

NOTICE TO INSTALLER: It is recommended you take time to read these instructions before installing this cover even if already familiar with the product. Often improvements are made without prior notice. Always handle the cover and components with care to avoid damage. If you find a part missing or defective, or if you having trouble installing this product, please have the serial number ready (found on the label under the rear bar by tailgate, preceded by J) and call the LEER® customer service phone number, 800-501-5567, 9 AM - 4 PM EDT. When done, these instructions and warranty information must be given to the customer to keep.

NOTICE TO CUSTOMER: Before using this product, read the operating instructions, maintenance and safety sections of this owner’s manual and save for future reference. Your new LEER® tonneau must be registered to make the warranty valid. Registration information can be found on the back page.

FOR YOUR RECORDS

DATE PURCHASED: ________________________________

SERIAL NUMBER: ________________________________

LEER DEALER: _________________________________
COMPONENTS

1 each  Driver Side Rail & Passenger Side Rail
6 each  Installation Clamps (*8 each—Long Bed)
1 each  Driver Side & Passenger Side Tensioner Adjuster w/ Washer, Nuts, & Bolt
1 each  Element Seal Kit; Front and Rear
1 each  Pre-Rolled Cover Assembly

TOOLS NEEDED

2 each  1/2” Wrenches
1 each  Tape Measure/Ruler
1 each  Spring Clamp (optional)
1 each  Torque Wrench w/ 1/2’ socket
1 pair  Scissor
Writing Utensil
Safety/Protective Eyewear

Unpack components and clean truck bed if dirty. For best seal adhesion, air and surface temperature should be above 60°F.

 NOTE ON BED LINERS: With an under-the-rail drop-in bed liner, installation is possible with minimal trim cutting of the bed liner at the front corner of the bed and back by tailgate to allow side rail to install properly. Considerable trim cutting is required with an over-the-rail drop-in bed liner.

PARTS DIAGRAM

[Diagram showing parts and labels such as Front ELEMENT SEAL™, Quick release storage straps, Support bows, XT-DIAL™ tension adjuster (left), Rail clamps 6—most short boxes 8—long boxes, Left side rail, Rear seal, Dual locking system on rear bar, Right side rail, Front bar, Rear bar]
1) INSTALLING COVER SIDE RAILS

- **NOTE:** Some installs require drilling/bolting. Those kits will contain special side rail instructions. Follow those instructions for rail attachment in conjunction with instructions in this owner's manual.
- **NOTE:** For trucks with an electric tailgate, rails will have to be installed slightly higher (approximately 3/16") to eliminate interference.

A) Position side rail with attached weather strip against the inside lip of the bed. Push rail forward until it touches front of bed. End of rail with nylon strike towards the rear.

B) At front, adjust top of the rail flush with top of bed and hold it there with assistance of another person or with a spring clamp.

C) Install first clamp as close to the front of the bed as possible and use 1/2" wrench to tighten.

⚠ **IMPORTANT:** To keep rail on the truck secure, make sure clamp teeth engage grooves on rail, hand-tighten the nut and then use wrench to finish tightening.

D) With rail flush at top of the bed and clamp teeth engaged, tighten the clamp. Check if the rail is level.

⚠ If the rail tilts up, loosen the clamp, lower it, engage the teeth, and re-tighten it. If the rail tilts down, loosen the clamp, raise it, engage teeth and re-tighten it.
E) Install second clamp on rail at midway point of bed. Adjust rail flush at top of bed and repeat clamping procedure, always making sure teeth are engaged on rail grooves.

F) At tailgate, adjust rail height flush with top of tailgate. Repeat clamping procedures placing third clamp as close to tailgate as possible. Most short bed kits contain 6 total clamps. Install 3 per side rail. For kits with 8 total clamps, install the 4th clamp between 2nd and 3rd clamp on each side rail. Repeat STEP 1 to install rail on opposite side. When done, make sure all clamps are torqued to 15-20 ft/lbs on both rails.

- NOTE: For trucks with an electric tailgate, rails will have to be installed slightly higher (approximately 3/16”) to eliminate interference.

2) APPLY ELEMENT SEAL

- NOTE: For best adhesion, air and surface temperature should be above 60°F.

A) Front Bed Rail - Clean top surface with alcohol pad; if needed, wash first.

B) Peel paper back, align and adhere the front element seal at one corner across the front rail to opposite corner and cut to length.
3) APPLY REAR SEAL

A) Clean underside of rail with included alcohol pad. Align the seal to the end of the rail, make sure seal contacts edge of bed.

B) Mark the seal flap and cut a notch as shown in the illustration.

C) Peel paper back, align and adhere to at end of rail.

D) Refer to picture for representation of correctly applied rear seal.

- NOTE: For additional protection against weather elements; locate and seal miscellaneous factory gaps, crevices, stake pockets, etc., that may be on bed (sealant not included).
4) ASSEMBLING TENSION ADJUSTERS TO COVER

➤ NOTE: The cover comes pre-rolled in its normal open position for ease of installation.

A) Set the pre-rolled cover on the truck’s tailgate with front bar facing up as shown. Align tension adjuster (marked “L”) on driver side of cover - positioned as shown in photo.

B) Turn 1-1/4” bolt with flat washer onto nut in bar. Leave loose for now. See photo. Repeat for tension adjuster (“R”) on passenger side of cover leaving that bolt loose as well.
5) MOUNTING COVER TO SIDE RAILS

A) Set the pre-rolled cover on rails at front of bed (behind cab) with bar facing up. Roll cover bar onto front of rails and fold/tuck vinyl flap under. Now bar will face down. Let straps hang to inside of bed. Push cover bar forward until it sets flat on front of side rails and over-hangs them.

B) Slide left tension adjuster over until it engages under side rail. (See photo in Step 5E for tension adjuster tab under left side rail.) Push bar back and forth to line up holes. Do not turn dial wheel. Insert bolt from top, flat washer and nut from bottom.

C) Hold bolt at top and tighten nut under side rail. Repeat procedure for right hand tension adjuster.

D) Center the front bar between the two side rails.

➤ NOTE: Before tightening, make sure vinyl weather flap is still tucked under the front bar.

E) Then tighten bolt (left loose earlier) under front bar on each tension adjuster.
6) INITIAL OPERATIONS AND ADJUSTMENTS

A) Unroll cover and place rear bar into strikes on side rails. Press down on bar to close (20-30 lbs pressure). The cover fabric may be tight. Over time under tension it will conform to its hardware and loosen slightly. If bar is too hard to push down, adjust tensioners equally as needed to close.

B) Close tailgate slowly - top of tailgate should fit snug under cover bar. If tonneau cover hampers normal tailgate operation raise rails by loosening rear clamps; adjust rails up; and tighten clamps. If there is too much space between tailgate and cover bar, lower rails by loosening rear clamps; adjust rails down; and retighten clamp. Refer to page 10 for troubleshooting tips.

⚠ IMPORTANT: When done, go back and double check each clamp and make sure it is fully tight. Start behind cab and work towards tailgate.

C) Check cover tension by releasing dual pinch latching system and open and close rear bar several times. It should snap down when closing. Cover fabric should be tight with no sagging between the bows. If adjustment is needed, roll cover open and to loosen turn tension adjuster Clockwise. To tighten turn tension adjuster Counter-Clockwise. Always turn Dials in Equal amounts.

D) When done, always seal both sides of cover with hook and loop system. For detailed operating instructions refer to page 9.

★ TIP: Reasons to keep cover drum tight; Lasts longer, less noise, and looks nicer.
**TO CLOSE**

Release storage straps at the front and using both hands unroll the cover towards the rear of the bed.

Position roll-up bar against strikes. Push down on bar until cover locks in place.

Alongside of bed, seal cover edges with hook and loop sealing system the full length of cover on both sides. Pull with one hand seal with other hand.

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**TO OPEN**

Open tailgate, squeeze pinch latch on either the driver or passenger side, lift and roll-up rear bar.

Using both hands, roll cover toward front of bed (not against the cab).

Securely fasten storage straps to store the cover.

SEE NEXT PAGE FOR STORAGE STRAP ADJUSTMENT
OPERATING INSTRUCTIONS

STRAP ADJUSTMENT

To tighten storage strap ... pull back on top layer of strap loop until strap is snug.

To take out slack in loop ... slide slip bracket down.

TROUBLESHOOTING

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cover too loose.</td>
<td>Turn both tension adjusters counter clockwise to move front bar forward. Refer to INITIAL OPERATION AND ADJUSTMENTS - Step C, see arrows next to adjuster.</td>
</tr>
<tr>
<td>Cover too tight.</td>
<td>Turn both tension adjusters clockwise to move front bar back INITIAL OPERATION AND ADJUSTMENTS - Step C, see arrows next to adjuster.</td>
</tr>
<tr>
<td>Gap between roll-up bar and tailgate</td>
<td>Rails set too high. Refer to step INITIAL OPERATION AND ADJUSTMENTS - Step B.</td>
</tr>
<tr>
<td>Top of tailgate hits rear bar when attempting to close</td>
<td>Raise side rails at rear of bed until tailgate closes without pushing rear bar up. Refer to step INITIAL OPERATION AND ADJUSTMENTS - Step B.</td>
</tr>
<tr>
<td>Cover too narrow.</td>
<td>Check if rail is level. If rail tilts up, loosen clamp, lower it, engage teeth, and re-tighten clamp. Refer to step INSTALLING COVER SIDE RAILS - Step D.</td>
</tr>
<tr>
<td>Cover too wide.</td>
<td>Check if rail is level. If rail tilts down, loosen clamp, raise it, engage teeth, and re-tighten clamp. Refer to step INSTALLING COVER SIDE RAILS - Step D.</td>
</tr>
<tr>
<td>Lopsided Cover</td>
<td>Check front bar. It must be centered side to side. Refer to MOUNTING COVER TO SIDE RAILS - Step D.</td>
</tr>
<tr>
<td>Pinch Latch doesn’t engage.</td>
<td>Check side rails for height and level. Refer to step INSTALLING COVER SIDE RAILS - Step F. Inspect latches for jammed or broken parts.</td>
</tr>
</tbody>
</table>
TIPS FOR A LONG LASTING COVER
♦ Keep cover closed when not in use and always seal cover edges the full length of bed on both sides with hook and loop sealing system.
♦ Keep the cover tight; cover vinyl should sound drum-like when tapped on.
♦ Make sure cover is properly latched and sealed. Lock while traveling and before entering automatic drive-through car washes.
♦ Avoid storing cover in its rolled up position for long periods of time.
♦ When cleaning, for best results use mild liquid soap and water. Never clean with petroleum or citrus based products.
♦ Periodically treat cover with vinyl cleaner & UV protectant instead of petroleum based products that may dry out and damage the vinyl.
♦ Avoid allowing cargo to rub against cover while transporting, whether in open or closed position.

CARE 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 and the condition of all parts. Check for loose bolts and parts, tighten if needed. Test the operation to ensure that the parts are functioning properly and that the cover is in top operational condition.
♦ If 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 cover page. Always use original equipment replacement parts for your cover.

SAFETY INFORMATION
♦ Do not cover cargo that is higher than the cover.
♦ Do not place object(s) on or against the cover or its framework at any time.
♦ Always secure cargo so it cannot shift and damage the cover or its parts.
♦ Do not use the cover’s 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 cover does not prevent theft of contents in truck bed.
♦ The cover does not eliminate moisture and dust from entering the truck bed. Special wrappings or packaging of the contents may be necessary.
♦ Due to poor ventilation, if you allow a pet/animal in the bed, leave cover open. Do not allow people or animals to occupy bed with the cover closed.
♦ When towing vehicle backwards, cover must be rolled fully open and secured with safety straps or fully closed and secured.
♦ ALWAYS finish securing the cover by sealing sides. Use caution when operating cover in windy conditions.
♦ Periodically check and/or retighten clamp and front bar tensioning bolts as needed.
♦ Periodically check dual locking system to ensure latches fully engage side rails.