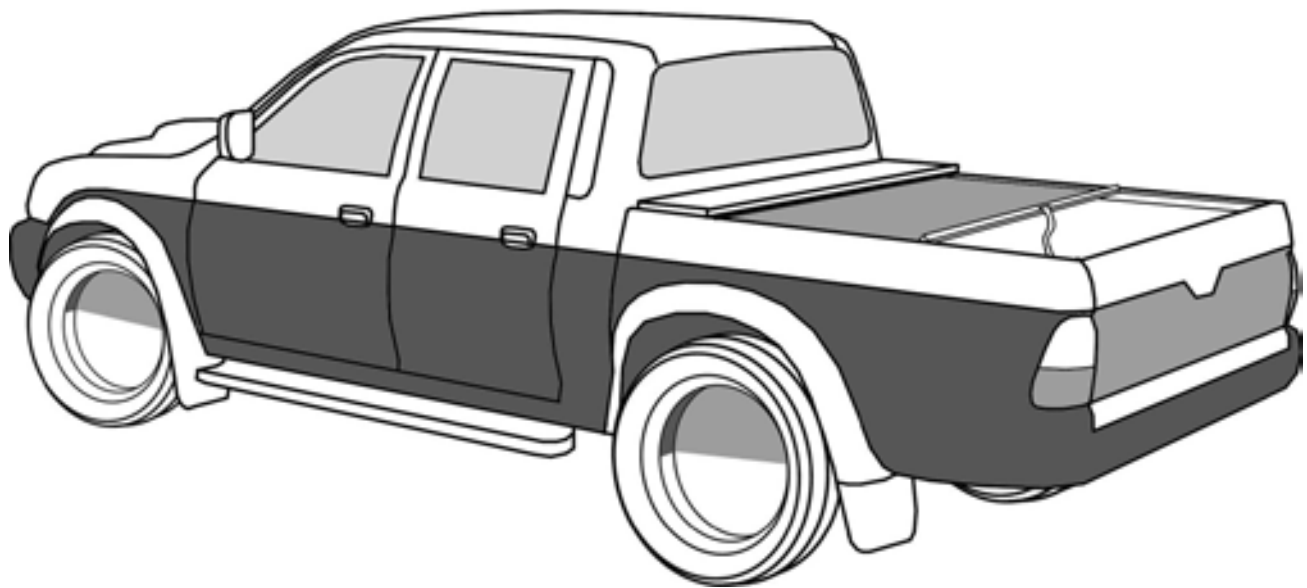


ROLL•N•LOCK®
INSTALLATION GUIDE
M I T S U B I S H I
D O U B L E C A B



Product Code
655

HARDWARE COMPONENTS & DESCRIPTION



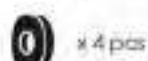
x 4 pcs
(4) 1/4 - 20 X 5/8" countersunk screw
For attachment of lid to housing



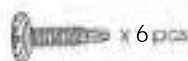
x 2 pcs
(2) 10-24 X 1/2" truss head screws
For attachment of track to housing



x 4 pcs
(4) 1/4-20 x 3/8" Truss Head Screws
For attachment of cargo bumper



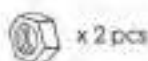
x 4 pcs
(4) Rubber washers
For attachment of cargo bumper



x 6 pcs
(6) #8 X 3/4" self drilling button head screws
For attachment of tailgate extension



x 2 pcs
(2) 1/4 X 1" adjustment screw



x 2 pcs
(2) 1/4" nut for adjustment screw



x 1 pc
(1) Rubber for adapter flange



(1) Bottle Vinyl Cleaner
(1) Bottle Vinyl Protectant
Cleaner used to remove marks or stains.
Protectant should be applied at least monthly.



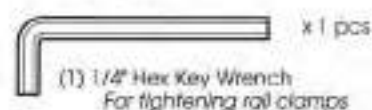
x 2 pcs
(2) Keys
To secure lock lever in locked position



x 2 pcs
(2) Threaded Tangs (cargonuts)
For attachment of tracks to housing



x 2 pcs
(2) Drainage tubes
For drainage of Housing, at left and right corners



x 1 pcs
(1) 1/4" Hex Key Wrench
For tightening rail clamps



x 5 pcs
(5) AD62 Rivets for attachment of adapter flange (see Adapter Flange instruction)

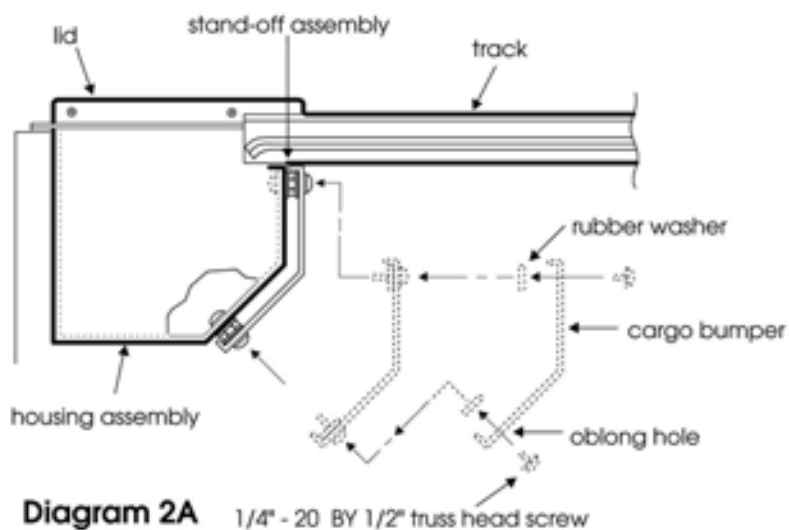
Diagram 1B



STEP 1: POSITIONING THE HOUSING ASSEMBLY

Remove the housing assembly from the package, along with all banding materials and the plastic wingnut, reference diagram 1B.

Caution: DO NOT ALLOW THE HANDLE TO DISENGAGE AND FALL INTO THE HOUSING, AS THE UNDERSIDE OF THE LOCK MECHANISM WILL STRIKE THE VINYL POSSIBLY CAUSING PERMANENT DAMAGE.



Next, attach the cargo bumper, as shown in diagrams 2A and 2B. Note: The cargo bumper must be attached **before** the housing is placed onto the bed rails as access to the lower fasteners will be obstructed by the wheel housings. When the cargo bumper is secured, place the housing onto the bed rails, being sure to carefully center it between the rails, as shown in diagrams 3 and 4.

Diagram 2B

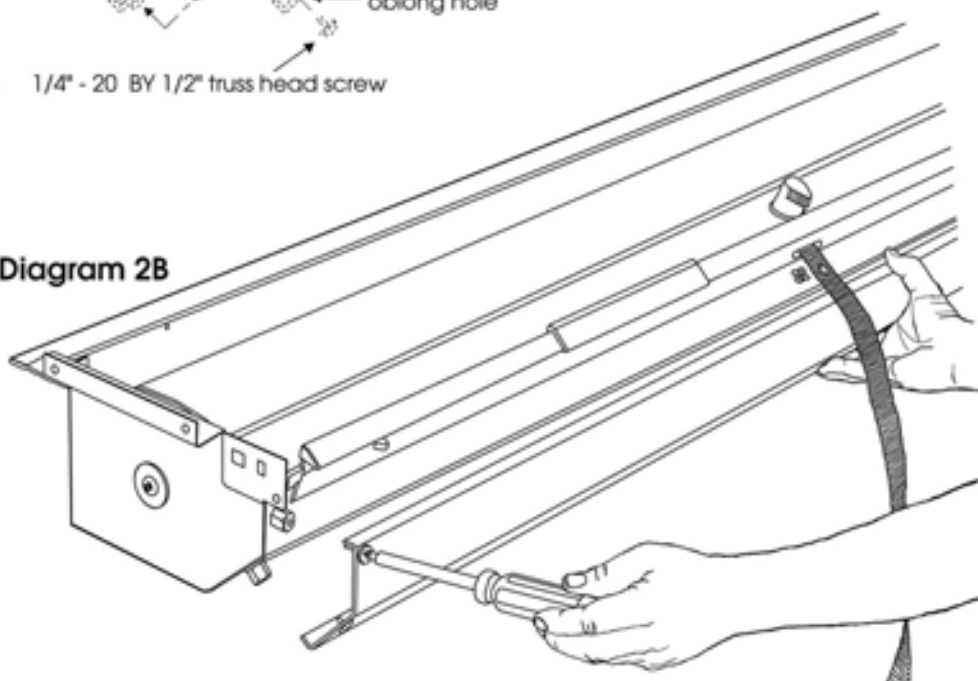


Diagram 3

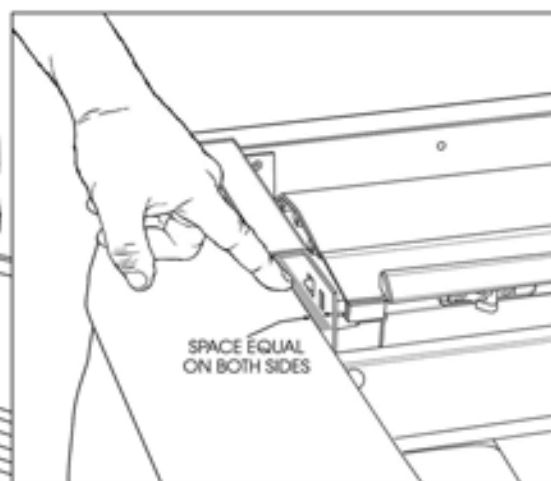


Diagram 4

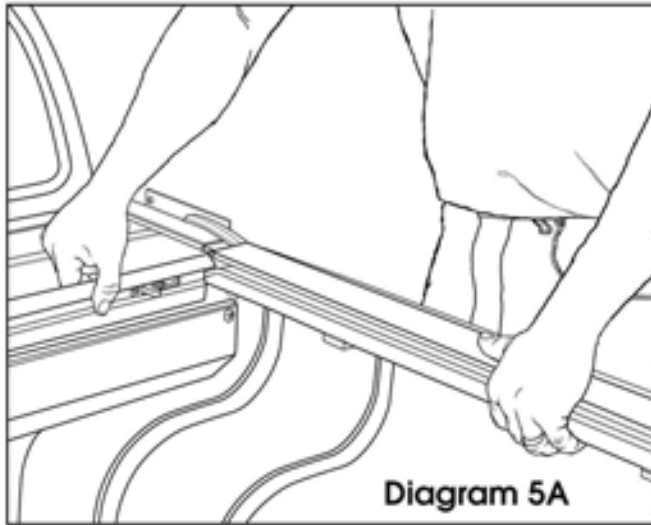


Diagram 5A

STEP 2: INSTALLING THE TRACKS

With the lock lever set to the open position (10 o'clock), grasp the handle to ensure that it does not fall into the housing, and key one track onto the housing stem, as shown in diagram 5A.

Note: The housing stem keys into a slot on the backside of the track as shown in diagram 5B.

Next, loosely attach the bed clamps, being careful not to cross thread the bolts. It is important that the clamps remain very loose. Now, use a #10 - 24 x 1/2" truss head screw and the special "cargonut" to firmly secure the track to the housing stem, as shown in diagram 7. Leaving the clamps loose on the first track, now install the second track and again, leave the clamps loose.

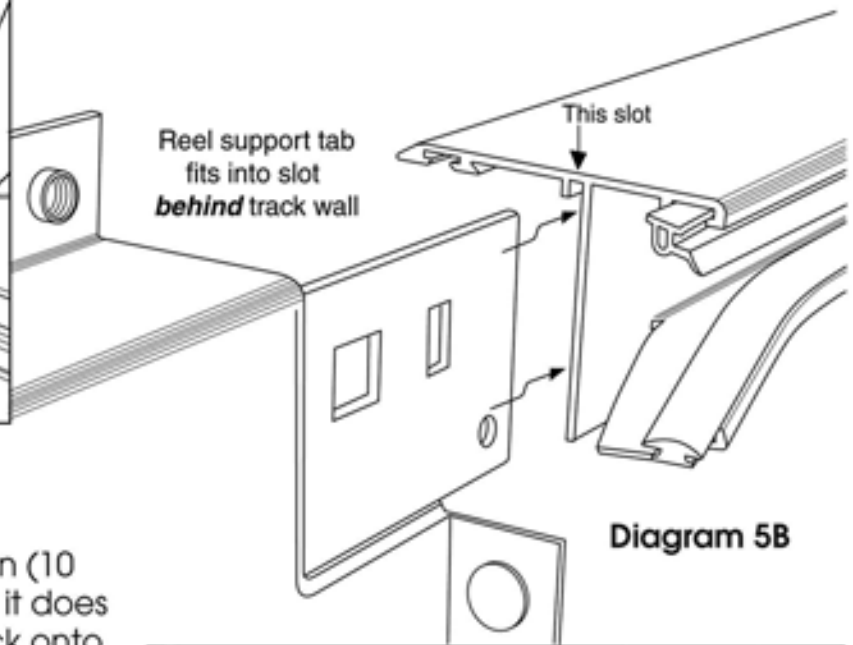


Diagram 5B

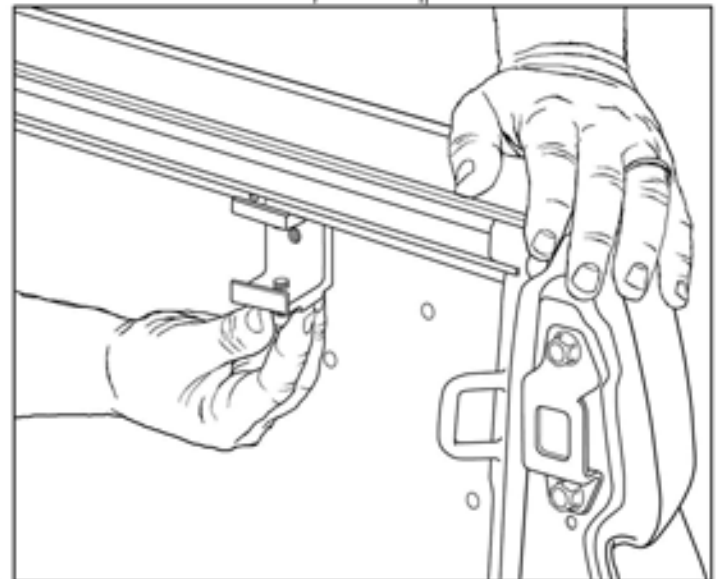


Diagram 6

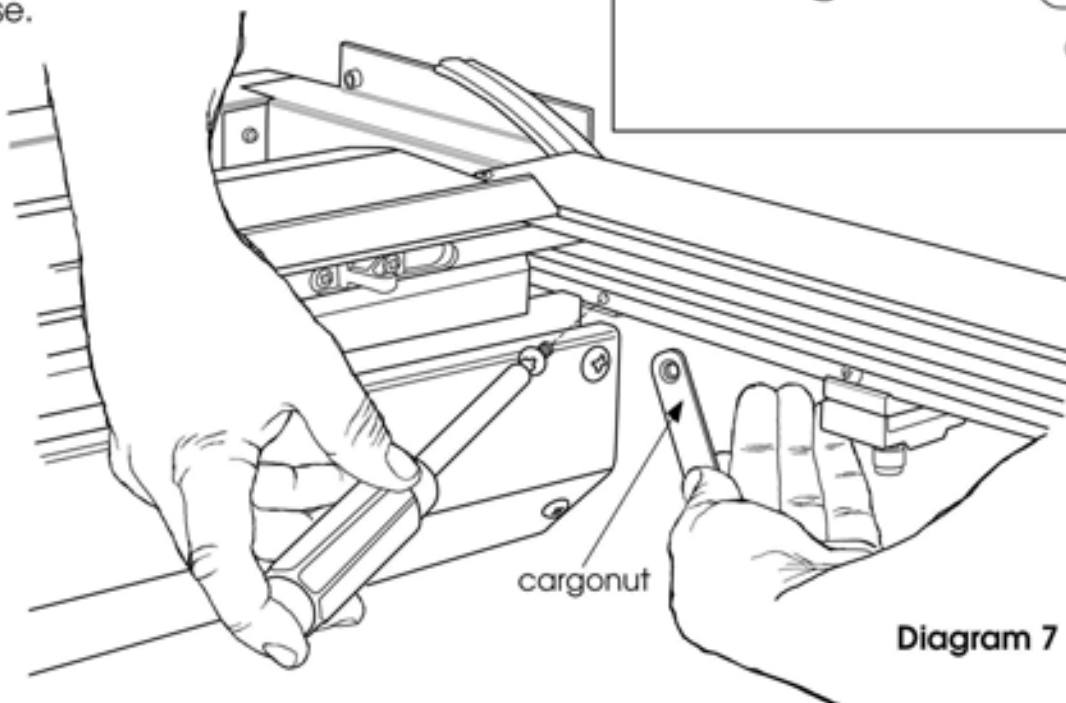


Diagram 7

STEP 3: INSTALLING THE TAILGATE LOCKING EXTRUSION

Place a pencil mark at the exact center of the tailgate, down 50mm from the top, as shown in diagram 9.

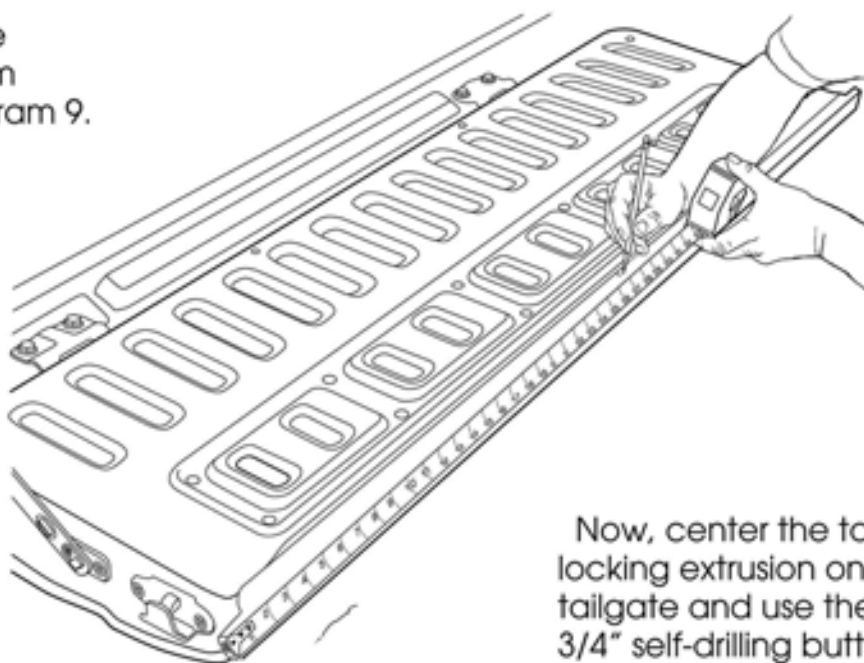
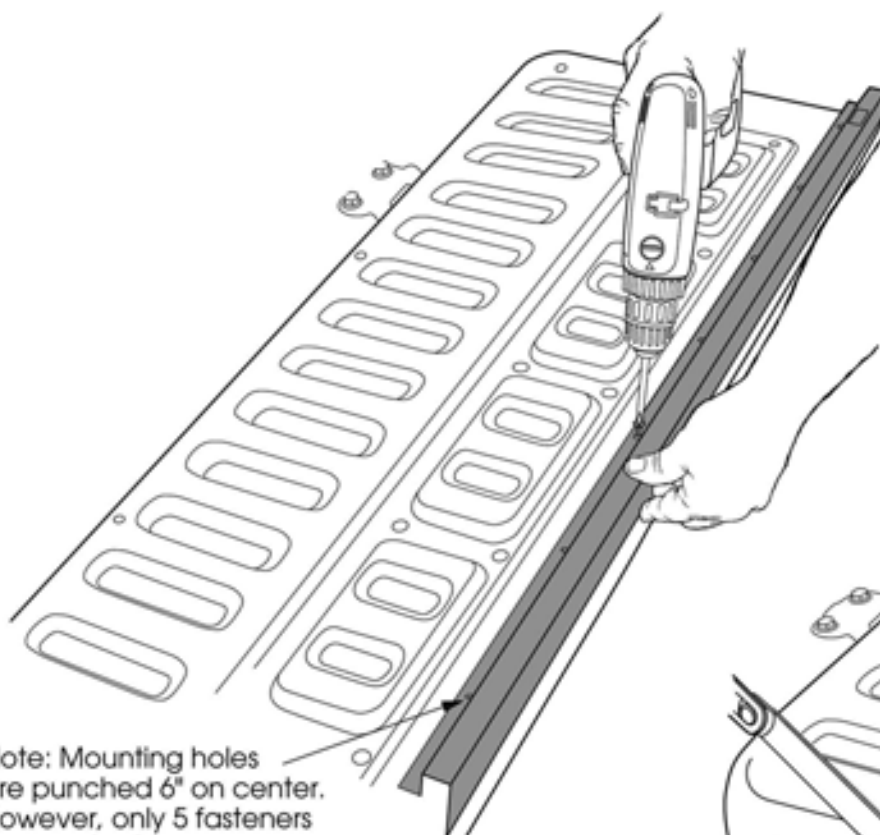


Diagram 9

Now, center the tailgate locking extrusion on the tailgate and use the #8 x 3/4" self-drilling button head screws to secure it in place, being sure to hold the extrusion perpendicular to the tailgate and firmly down against the top surface at each end of the gate as shown in diagrams 10 and 11 (securing self-drilling screws requires the use of a powered driver).



Note: Mounting holes are punched 6" on center. However, only 5 fasteners are required.

Diagram 10

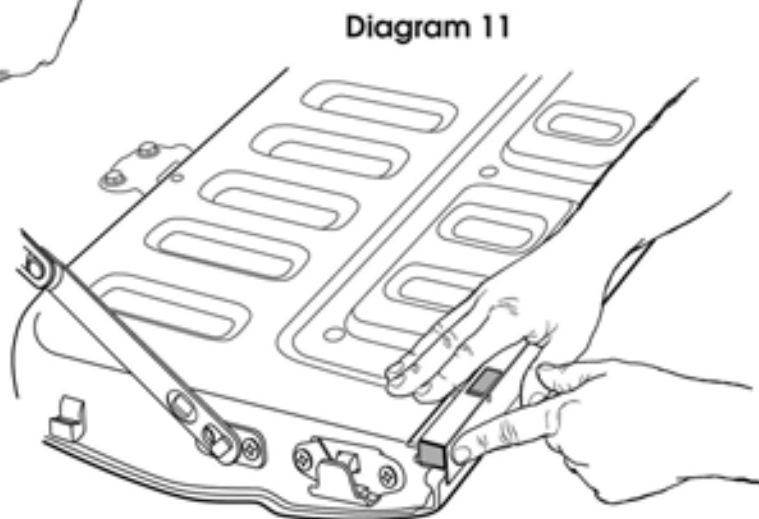
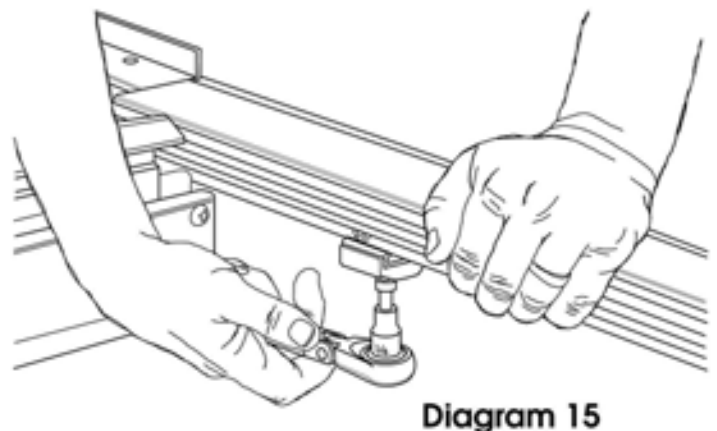
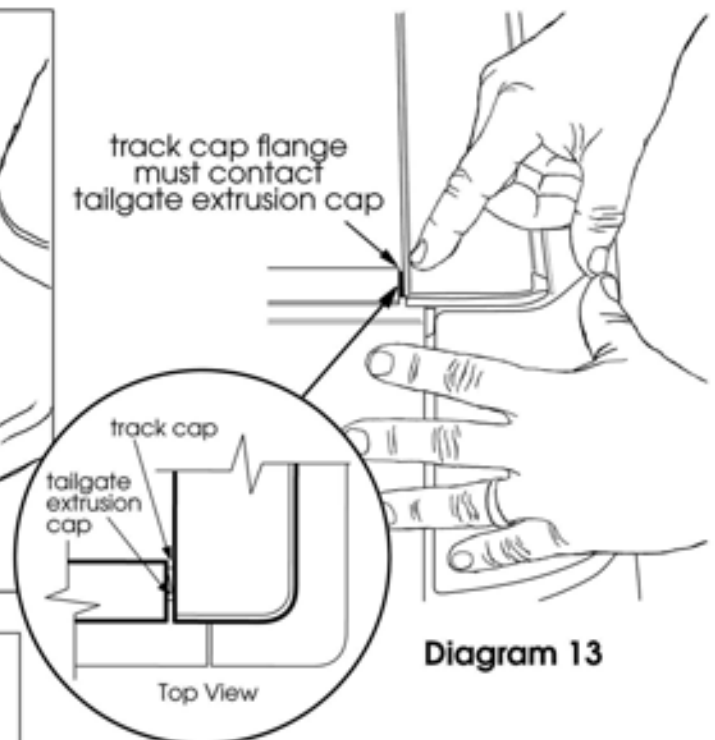
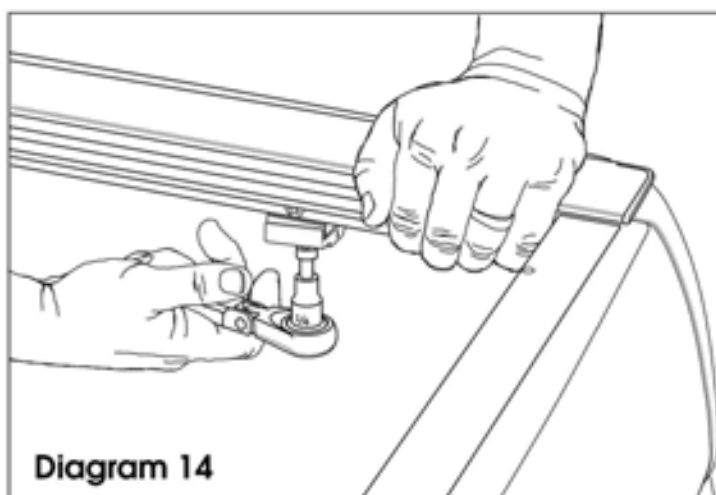
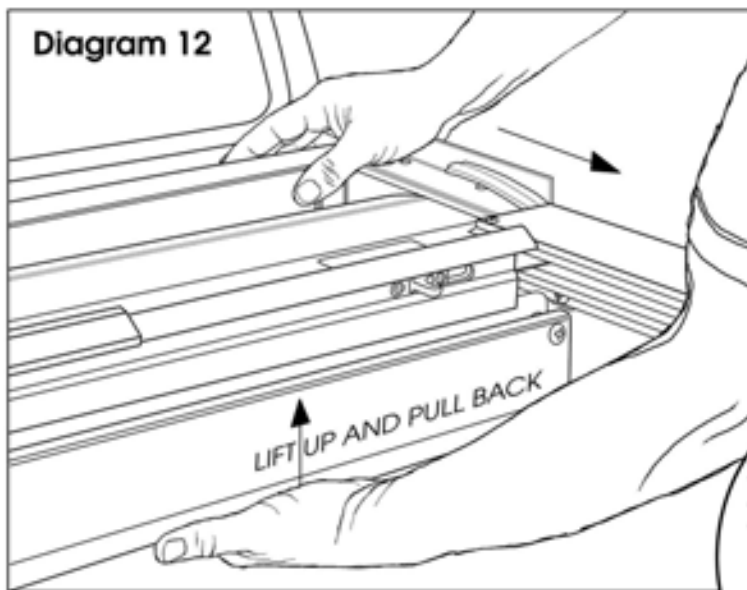


Diagram 11

STEP 4 : CLAMP TIGHTENING PROCEDURE AND LID INSTALLATION

Before tightening the clamps, the housing and track assembly must be set to the inside face of the tailgate. First, close the tailgate, **being sure not to strike the ends of the tracks**. Next, place your hand under one side of the housing, as shown in diagram 12, and lift up and pull back toward the tailgate to shift the assembly back until the green dot on the end of the track touches the inside face of the tailgate flange. Now move to the opposite side of the bed and shift it back in the same manner. **With the track caps back against the tailgate, now move the ends of the tracks inward until the track cap flanges contact the tailgate lock extrusion caps, as shown in diagram 13.** Holding the track perpendicular to the rail and in against the extrusion cap, tighten the clamp closest to the tailgate, as shown in diagram 14. **Do not overtighten.**

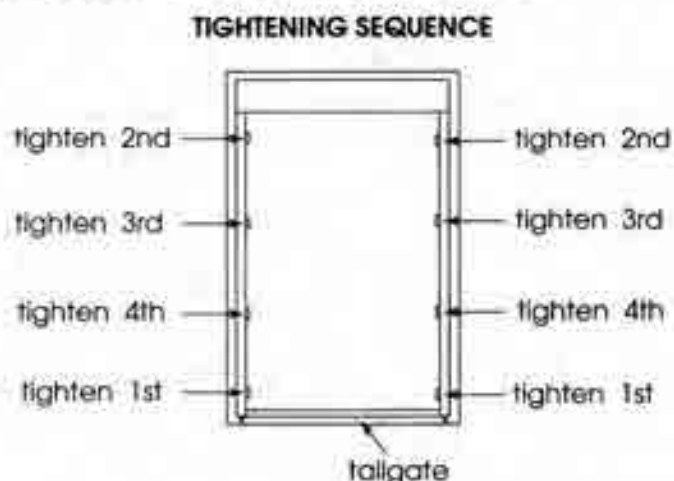
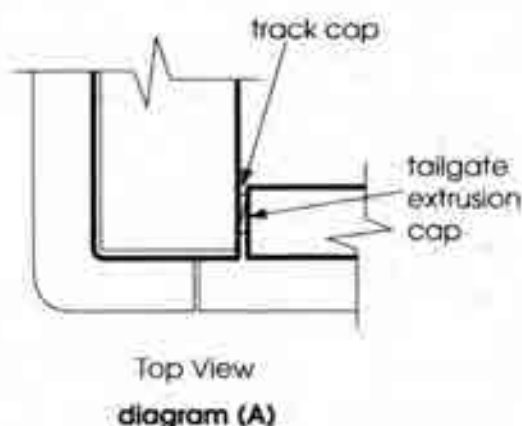
Next, move to the clamp closest to the housing, and again hold the track perpendicular to the rail and tighten the clamp as shown in diagram 15. With the front and back clamps secured, you may now tighten the center clamp and repeat the clamp tightening procedure on the opposite side of the bed.



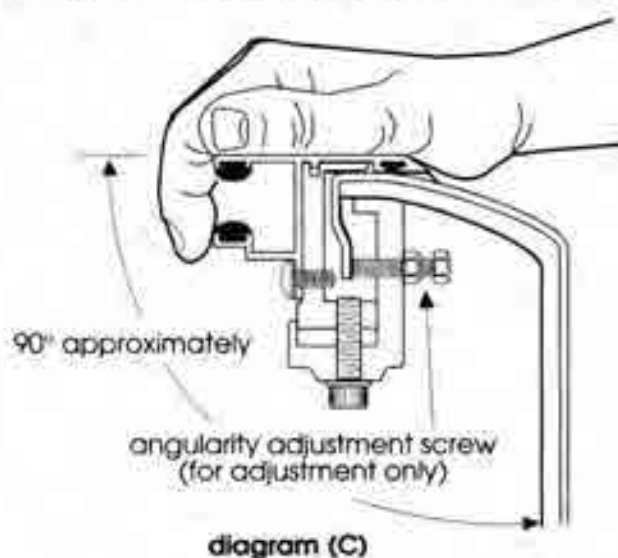
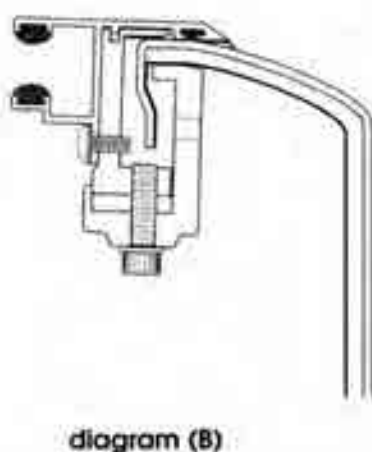
STEP 5: POSITIONING AND TIGHTENING TRACK CLAMPS

Starting on either side, shift the track over so that the black plastic track cap contacts the black plastic end cap on the tailgate extrusion as shown in diagram (A). Hold the track firmly in this position and snug the back clamp **being careful not to over tighten*** (see tightening sequence). If track rolls upward as shown in diagram (B) simply rotate the track over until reasonably straight and tighten angularity adjustment screw until it blades against the bed rail lip as shown in diagram (C).

***Over tightening track clamp can cause an indentation in bed rail.**



When back clamp is secure, move to the front clamp as shown in tightening sequence. Before tightening this clamp, **pull track outward slightly**, away from center of the bed to relieve inward distortion caused by the weight of the housing assembly. When secure, move to position 3, again pull outward and tighten clamp.



Position 4 should be O.K. to tighten as is, if position 2 and 3 have been properly located. Some vehicles may require angularity adjustment screws at tightening sequence positions 3 and 4 depending on contour of bed rail.

STEP 6: LID INSTALLATION

Now pull the cover closed so that it latches to the tailgate. **DO NOT ALLOW THE COVER TO RETRACT YET.** Next place the lid onto the housing flanges, as shown in **diagrams 16 and 17.**

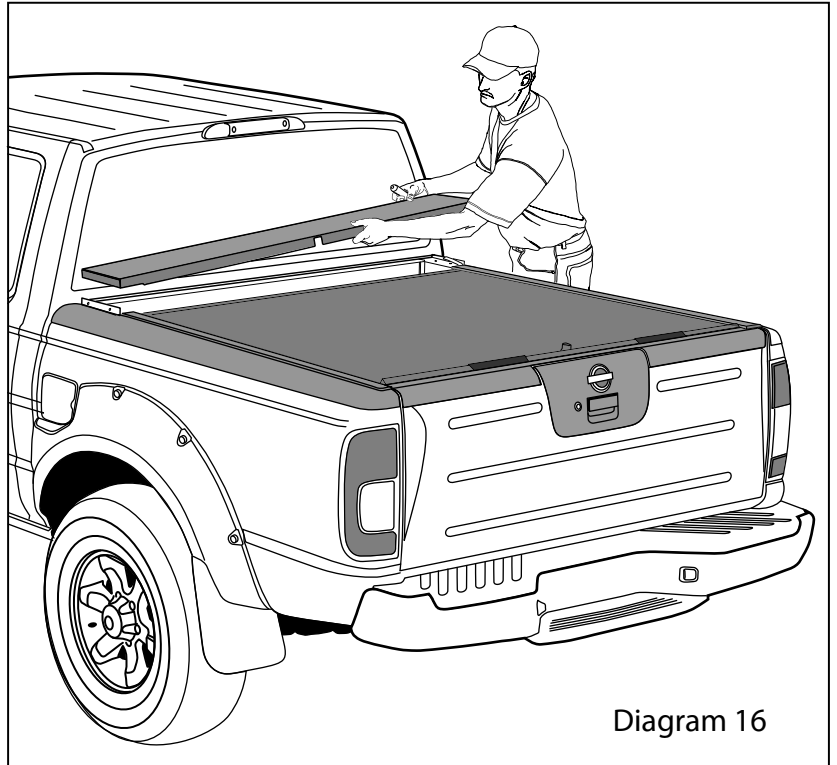


Diagram 16

If you have set the tracks properly, the top surface of the tracks will parallel the notches in the lid, as shown in **diagram 17.** Any inaccuracy will be apparent and should be corrected to achieve the proper result.

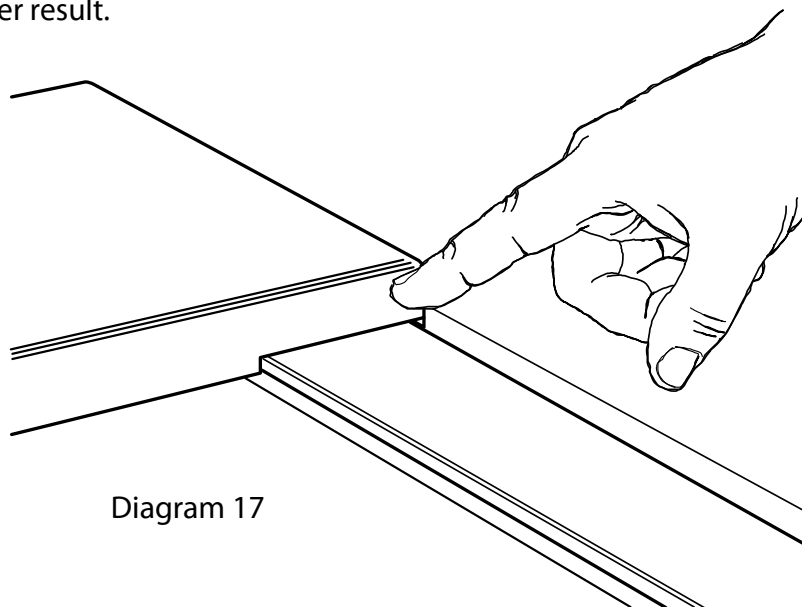


Diagram 17

STEP 6: DRILLING DRAIN TUBE EXIT HOLES

The drain tube exit holes should be drilled in vertical alignment with the drain tube fittings and approximately 130mm up from the bed floor as shown in **diagram 18**. Use a 6mm drill bit to drill a pilot hole and then a 13mm drill bit for the final hole. Press the drain tubes onto the fittings and form a soft turn to exit the tubes through the holes as shown in **diagram 19**. Do not permit the tubes to kink, as water flow will be restricted.

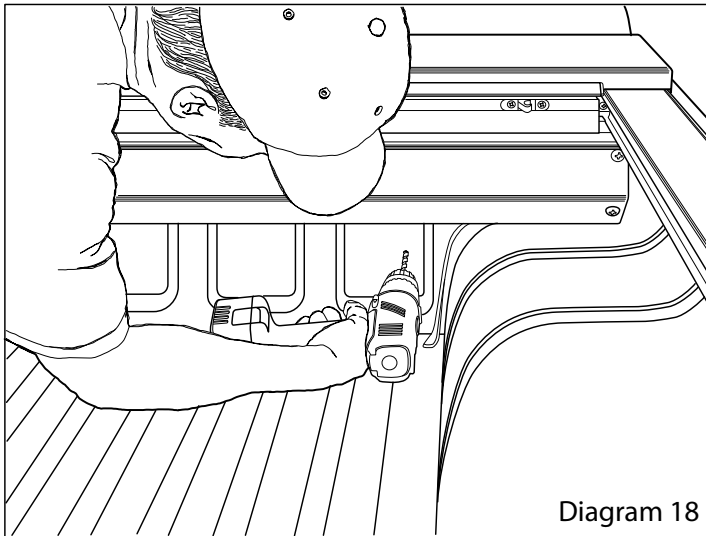


Diagram 18

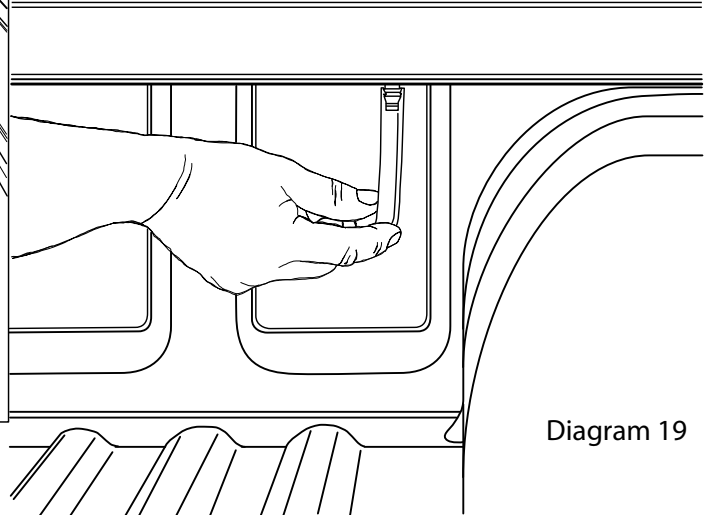


Diagram 19

STEP 7: TESTING FOR PROPER OPERATION

Correctly installed, the Roll-N-Lock cover should fully retract when unlatched, however, it is best to slow the speed of the cover by allowing the pull strap to slide through your fingers, braking as necessary. When fully retracted into the housing, the center lock lever will automatically reset to the lock position (7 o'clock). When pulled toward the tailgate, the spring loaded lock mechanisms on each side should trip at each partial position, preventing the cover from retracting back at any one of these locations. Fully closed, the lock mechanisms should trip, causing the main lock bolts to engage the tracks while the hook latches simultaneously grasp the tailgate locking pins. This action should prevent the tailgate from opening, without first opening the Roll-N-Lock cover.

It should not be necessary to slam the cover to the tailgate. The lock mechanisms should trip when the handle simply contacts the tailgate extrusion. The cover should open easily by squeezing the handle to the tailgate (removing pressure from latches) and turning the lock lever left to the 10 o'clock position.

Lubrication is not a solution to a poor installation. Roll-N-Lock covers are designed to function smoothly and freely without the use of lubricant. Use only the Raggtopp Vinyl Protectant included in the package on the vinyl and in the tracks. A small amount of lubricant can occasionally be applied to the lock assembly on the underside of the handle. **Be especially careful to keep all petroleum base products away from the vinyl.**