

INSTALLATION INSTRUCTIONS

MANUAL TONNEAU COVER



APPLICATION:

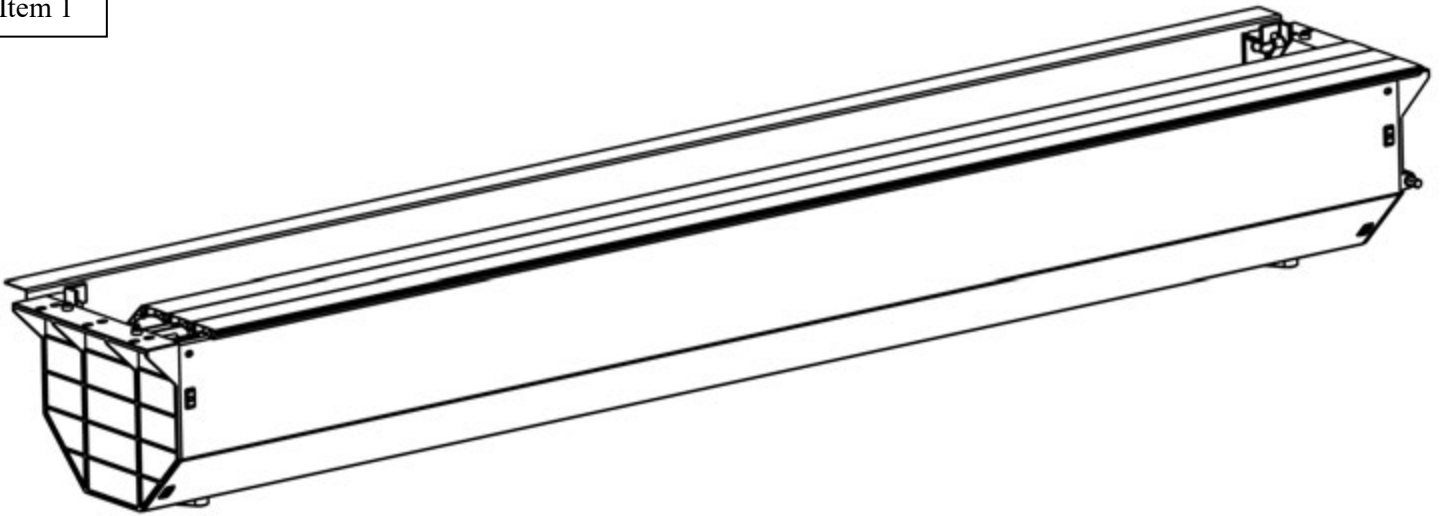
2019 And Up Chevrolet Silverado 1500/GMC Sierra 1500 5'8" Bed
2019 And Up Chevrolet Silverado 1500/GMC Sierra 1500 6'6" Bed

PART NUMBERS:

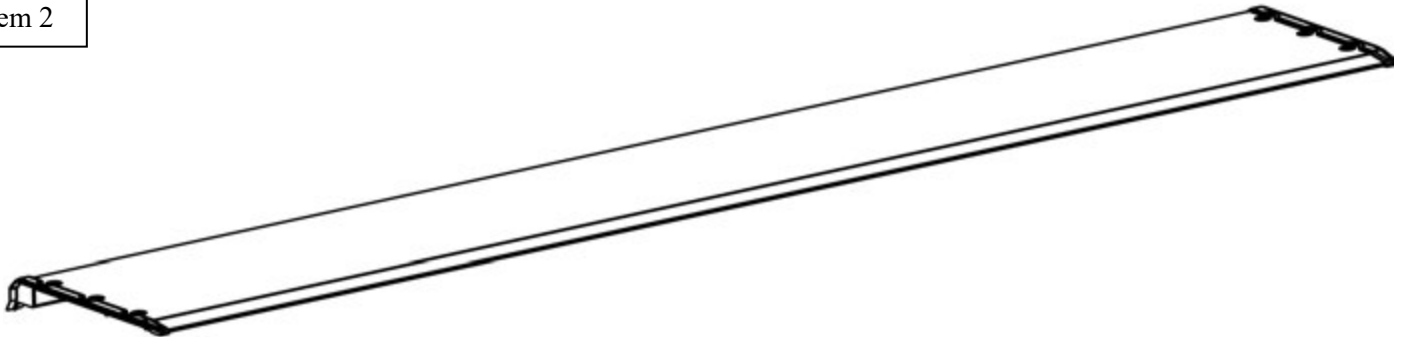
19-64735, 19-64745

CONTENT			
ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	1	TONNEAU COVER CANISTER ASSEMBLY	PHILLIPS SCREWDRIVER
2	1	CANISTER COVER PLATE	
3	1	DRIVER SIDE RAIL	FLAT SCREWDRIVER
4	1	PASSENGER SIDE RAIL	
5	1	ALIGNMENT BAR	RATCHET
6	2	DOUBLE NUT PLATE	SCISSORS
7	6	SINGLE NUT PLATE	TORQUE WRENCH
8	1	FRONT DRIVER MOUNTING BRACKET	DRILL
9	1	FRONT PASSENGER MOUNTING BRACKET	8MM SOCKET
10	1	REAR DRIVER MOUNTING BRACKET	1/4" DRILL BIT
11	1	REAR PASSENGER MOUNTING BRACKET	3/8" DRILL BIT
12	2	FRONT DRAIN TUBE	TAPE MEASURE
13	2	REAR DRAIN TUBE	MARKER
14	2	FRONT DRAIN TUBE ADAPTER	
15	2	RUBBER RING	
16	2	FRONT TUBE CLAMP	
17	2	REAR TUBE CLAMP	
18	3	BED RAIL TOP FOAM SEAL	
19	1	BED FRONT GAP FOAM SEAL	
20	1	ADHESION PROMOTER	
21	1	19MM HOLE SAW	
22	10	M6 T-CHANNEL NUT	
23	20	M6 TORX COMBO BOLT	
24	10	M8 TORX BOLT	
25	10	M8 LOCK WASHER	
26	10	M8 FLAT WASHER	
27	6	PLASTIC RING	
28	6	M5 COUNTERSUNK SCREW	
29	6	PLASTIC CAP	
ANTI-SEIZE LUBRICANT MUST BE USED ON ALL STAINLESS STEEL FASTENERS TO PREVENT THREAD DAMAGE AND GALLING			

Item 1



Item 2



Item 3



Passenger Side Opposite

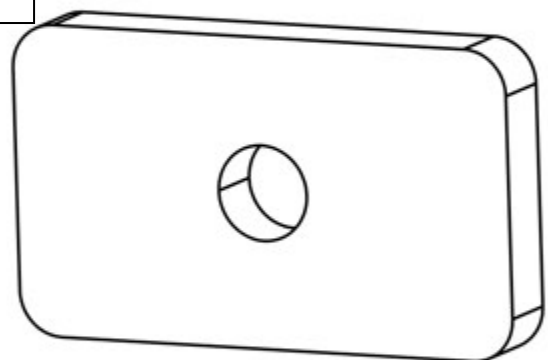
Item 5

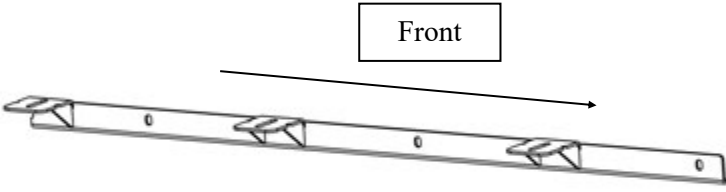
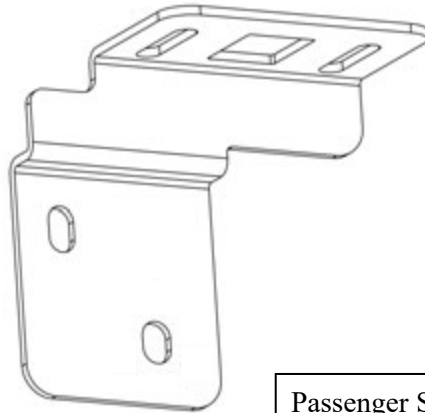
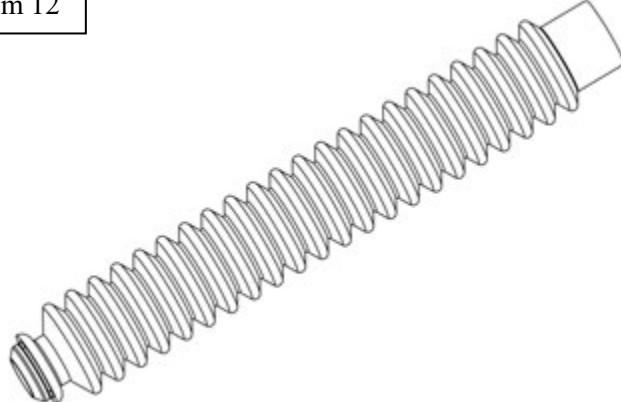
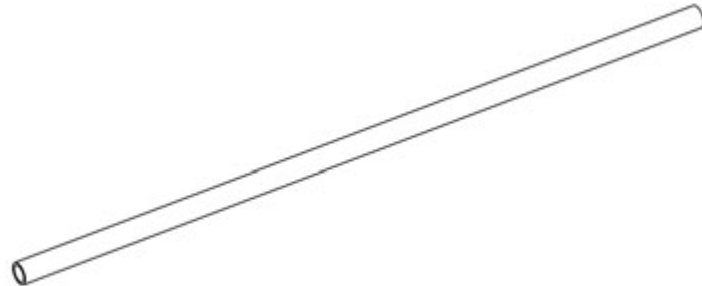
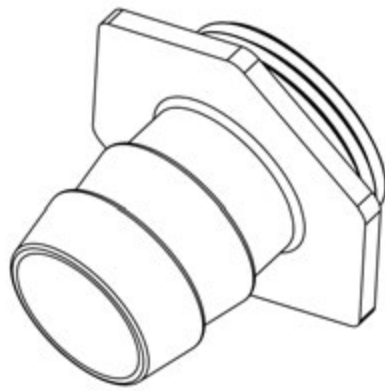
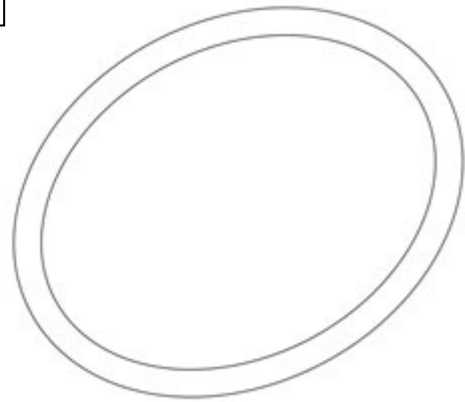
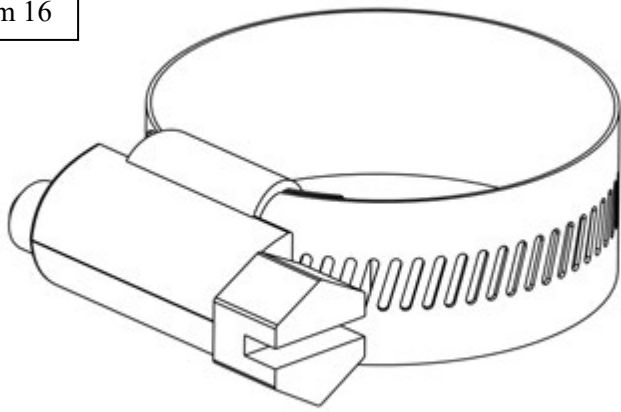
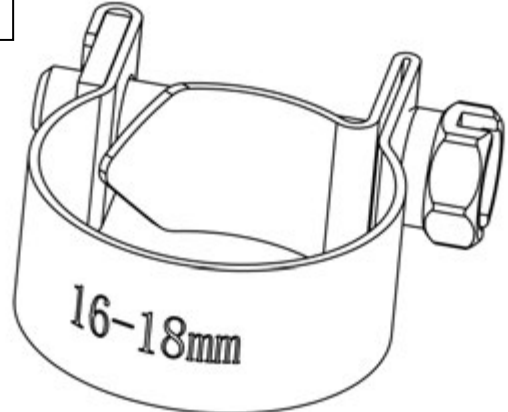


Item 6



Item 7



Item 8  Passenger Side Opposite	Item 10  Passenger Side Opposite
Item 12 	Item 13 
Item 14 	Item 15 
Item 16 	Item 17 

Item 18



Soft Foam Seal

Item 19



Hard Foam Seal

Item 20



Item 21



PROCEDURE

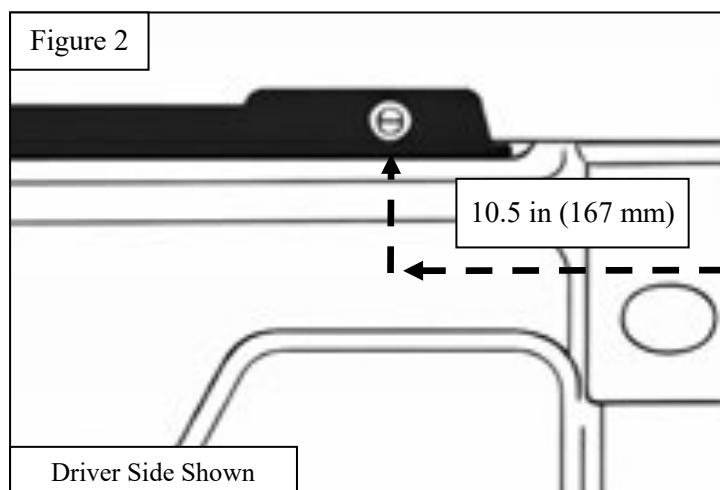
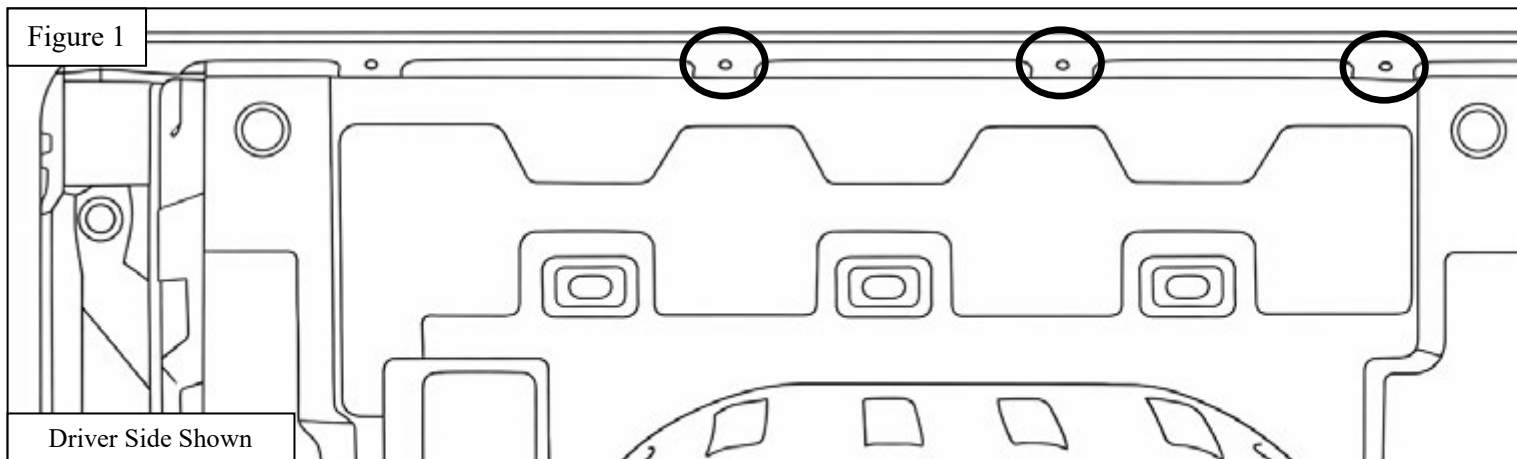
1. Remove contents from box, verify that all parts listed are present and free from damage.
Carefully read and understand all instructions before attempting installation.
Failure to identify damage before installation could lead to a rejection of any claim.

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2. The front mounting brackets will utilize holes in the metal bed rails behind the plastic bed caps. Starting on the Driver Side, measure 10.5 in (167 mm) from the front of the bed and mark the first hole on the plastic bed cap. Use a 1/4" (6 mm) drill bit to carefully drill through the plastic, making sure not to make contact with the metal behind. See **Figures 1 and 2**.
3. The Front Driver Mounting Bracket (**Item 8**) can be temporarily clamped to the bed side to help locate the mounting holes. Remove the mounting bracket after all the holes have been drilled. See **Figure 3**.
4. Repeat **Steps 2-3** for the front passenger mounting bracket holes.

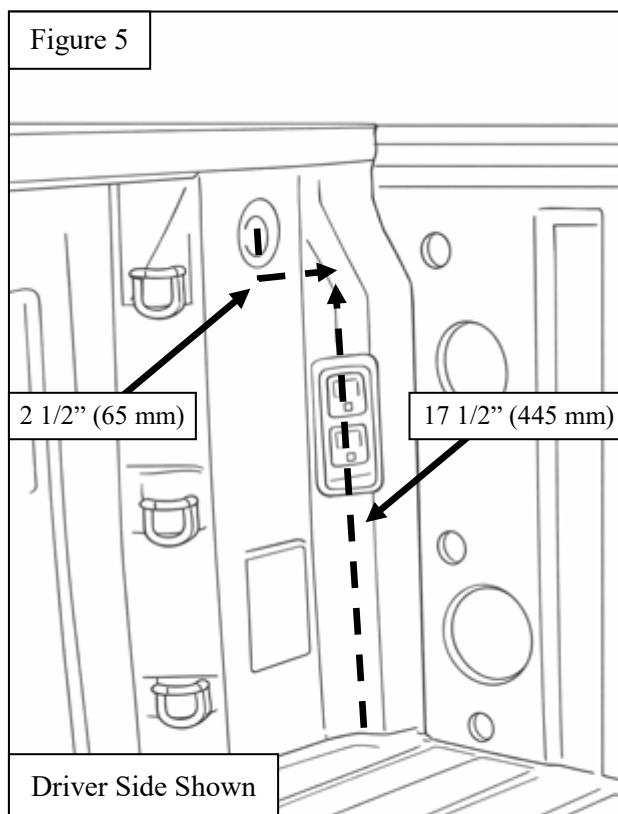


5. On the Driver Side, measure approximately 3-1/8" (80 mm) from the side of the bed and 4" (100 mm) up from the base of the bed. For the Passenger Side, measure approximately 6 1/2" (165 mm) from the side of the bed, and 4" (100 mm) up from the base of the bed. Use the provided 19mm Hole Saw (**Item 21**) to cut the front drain tube holes. The holes will be drilled into the raised vertical ribs at the front of the bed. See **Figure 4**.
6. The holes for the rear drain tubes need to be drilled approximately 2-1/2" (65 mm) rearward from the center of the large stake pocket hole located on the side of the bed and approximately 17-1/2" (445 mm) from the base of the bed. Use the provided 19mm Hole Saw (**Item 21**) to cut one hole on each side of the bed. See **Figure 5**.

Figure 4



Figure 5

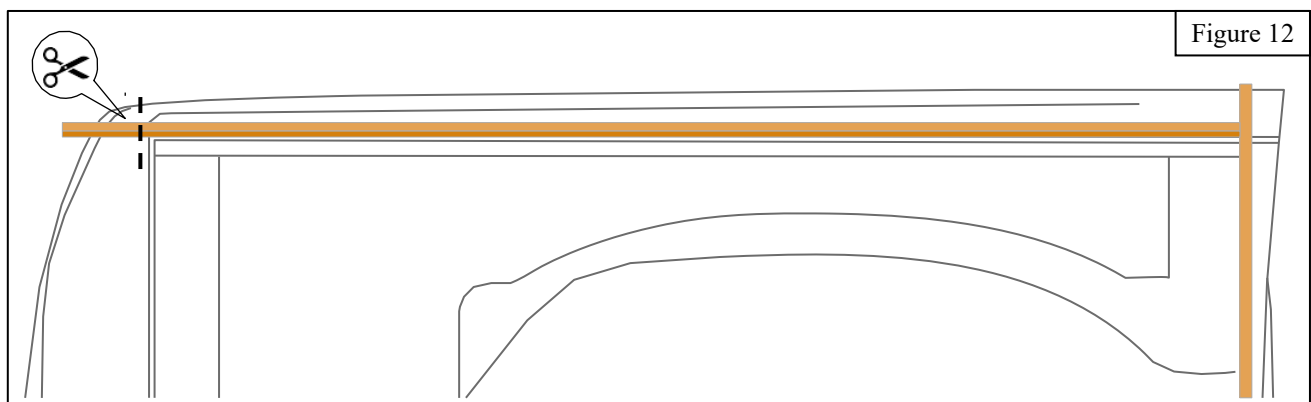
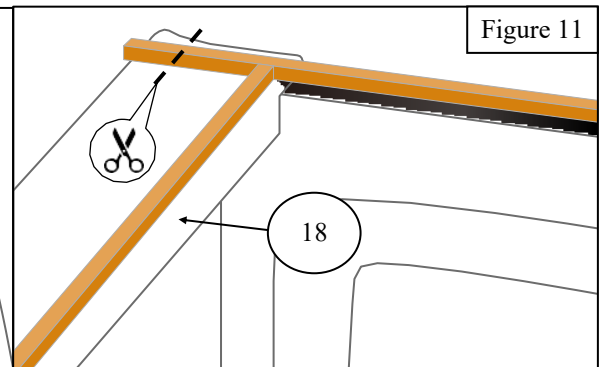
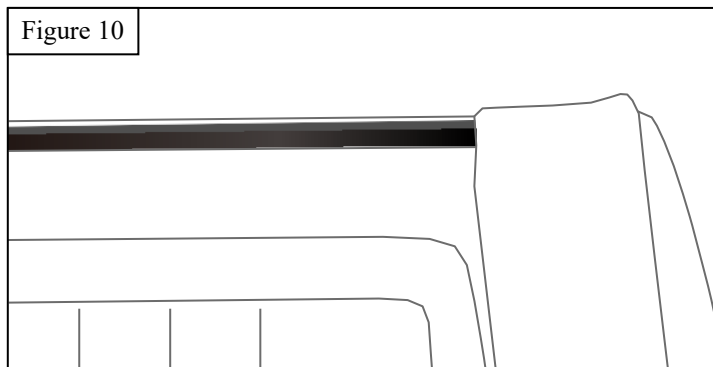
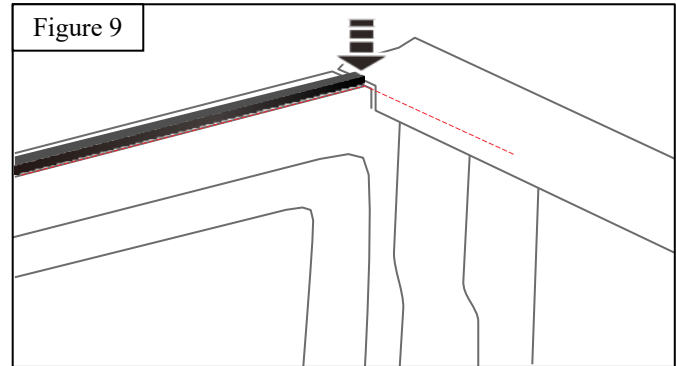
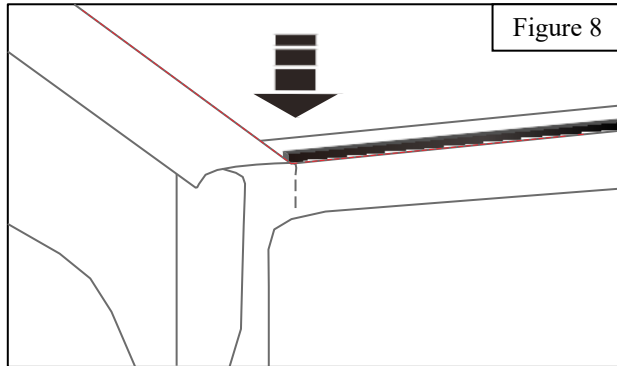
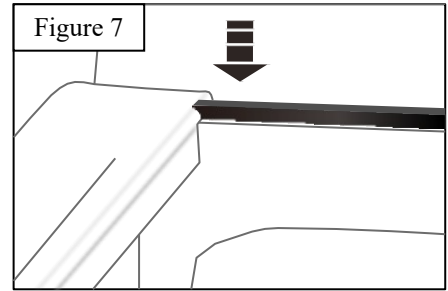
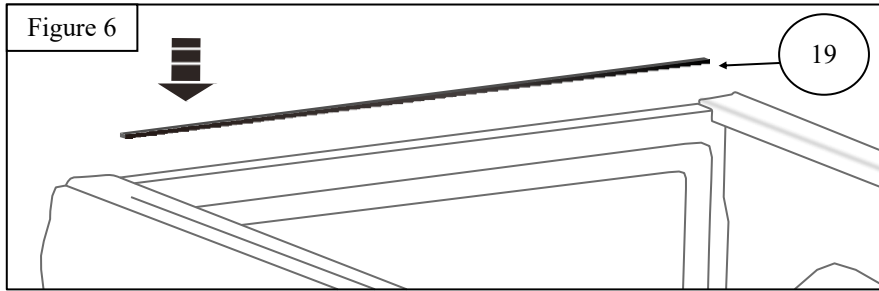


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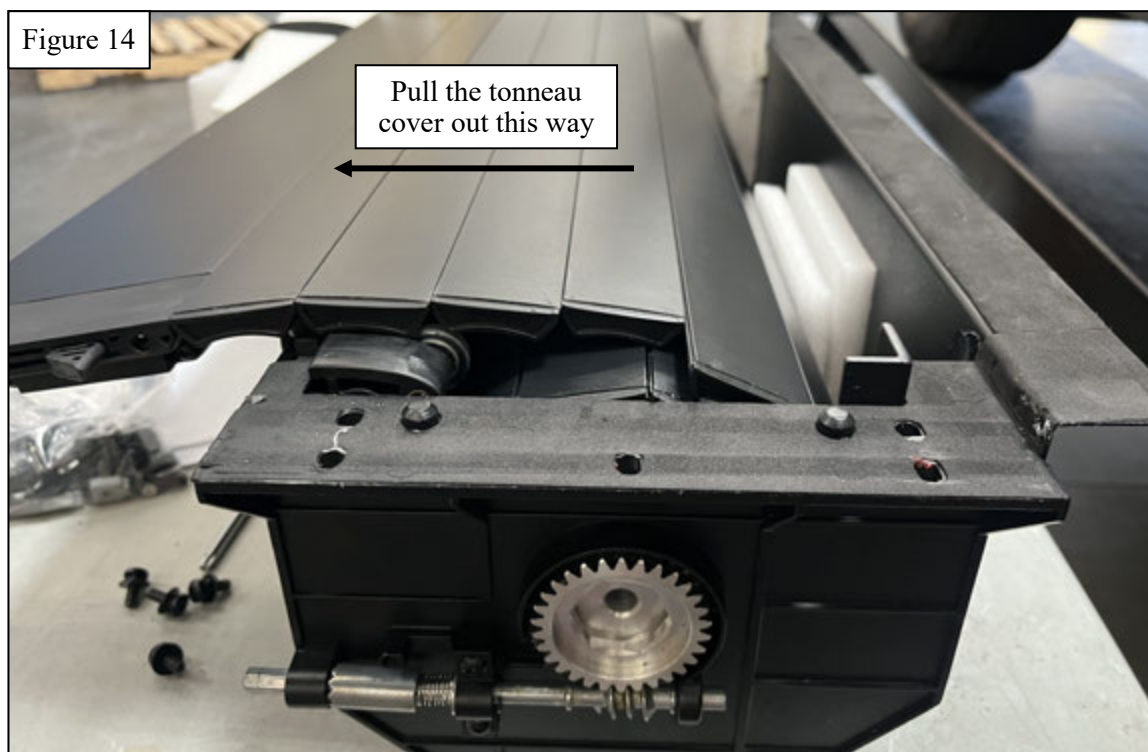
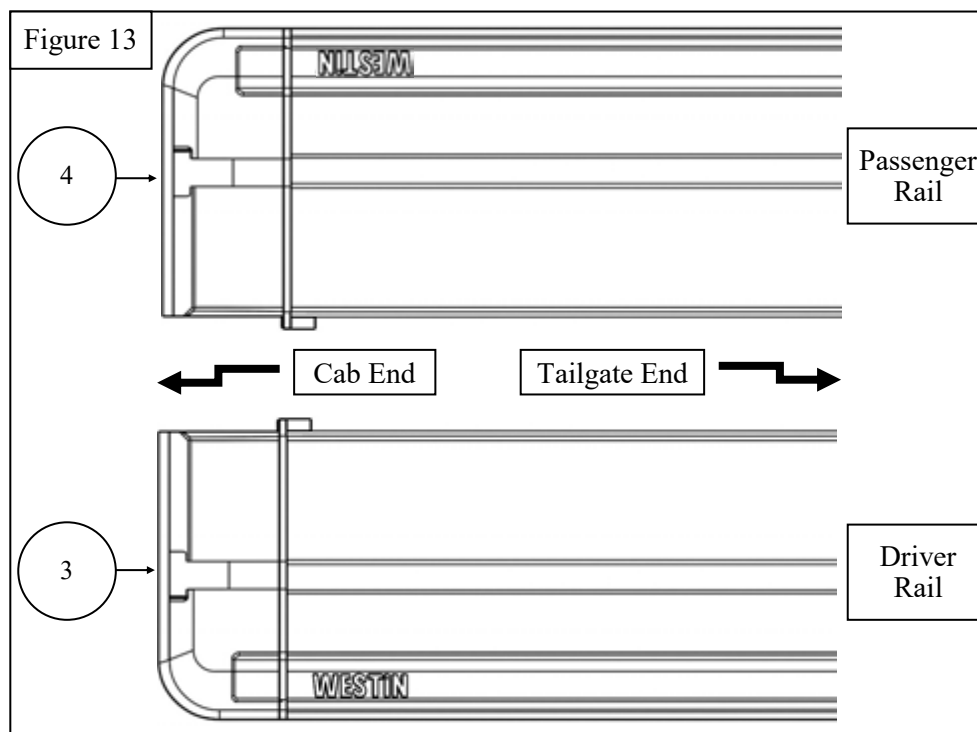
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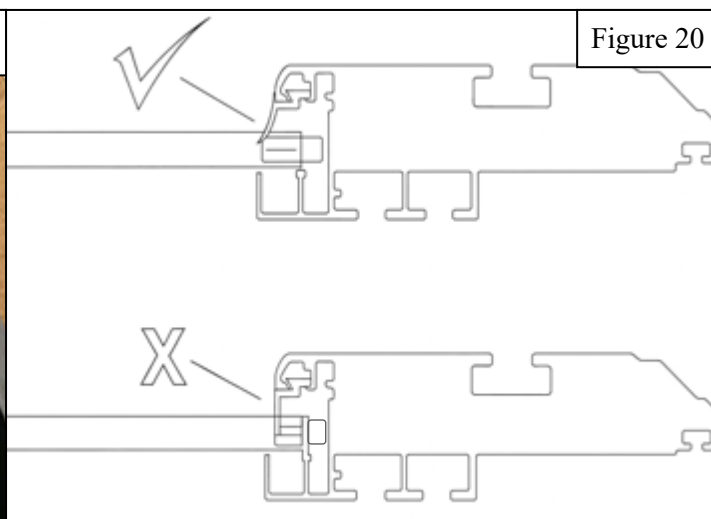
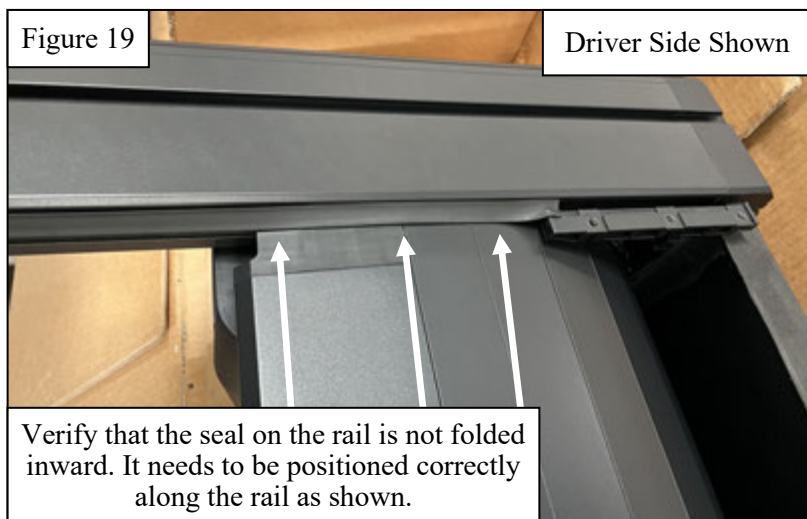
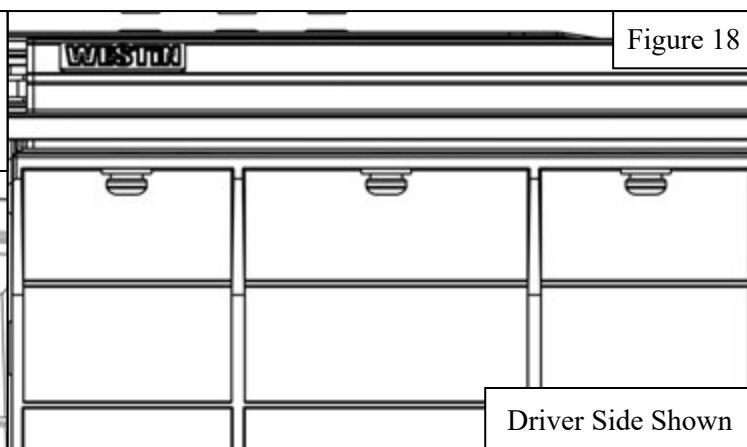
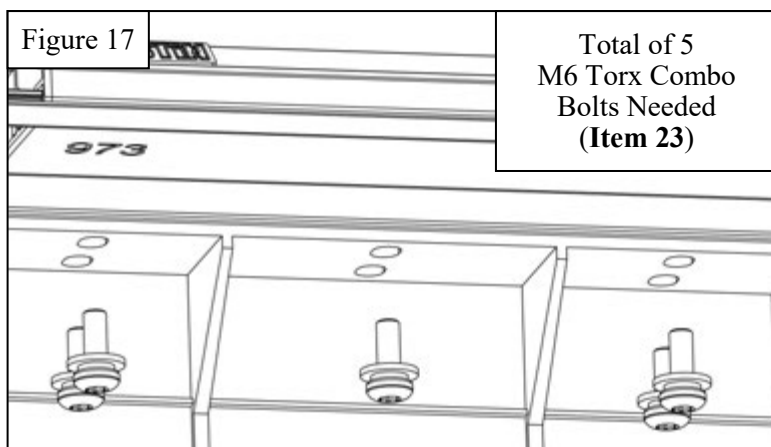
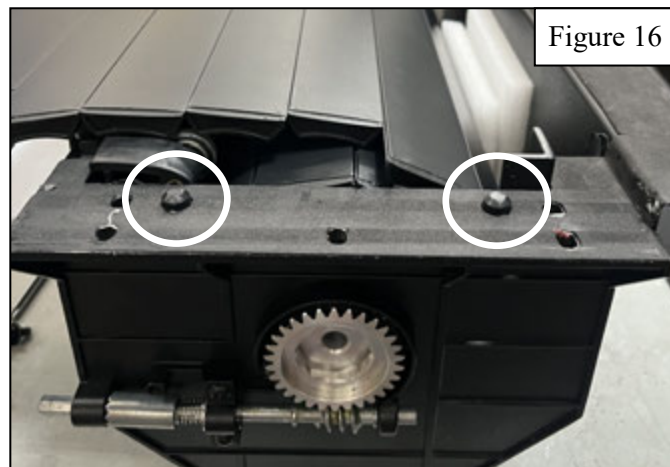
7. Clean the top of the plastic bed caps and the top of the front bed bulkhead of dirt/debris. Install Bed Front Gap Foam Seal (hard foam seal, **Item 19**) across the top of the front bed wall. Trim excess with scissors. See **Figures 6-10**.
8. Install the Bed Rail Top Foam Seal (soft foam seal, **Item 18**) across the top of the front bulkhead (on top of the hard foam seal) and the plastic bed caps. Trim excess with scissors. A small amount of sealant may be applied at the corners of the front bulkhead to improve water resistance. See **Figures 11 and 12**.



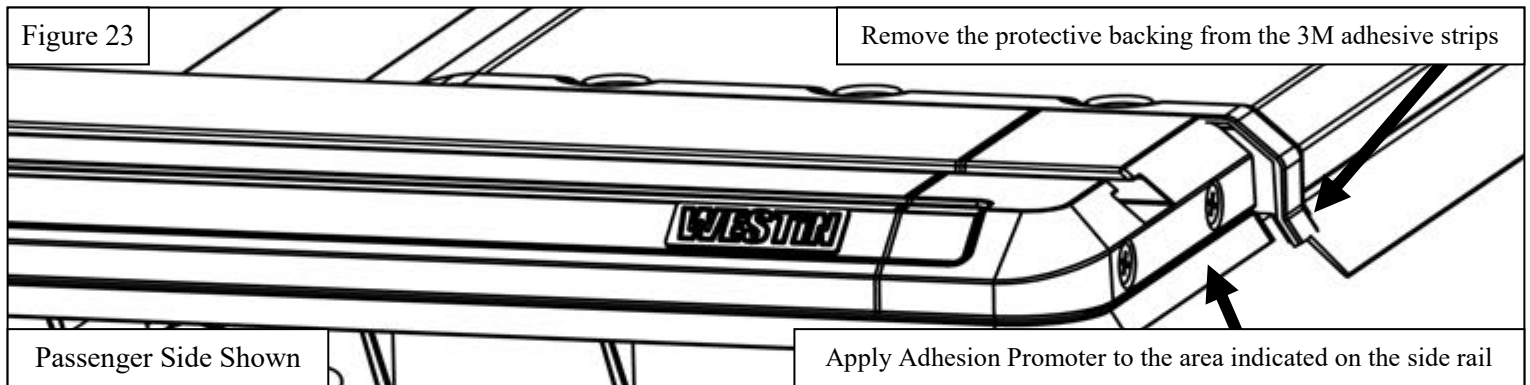
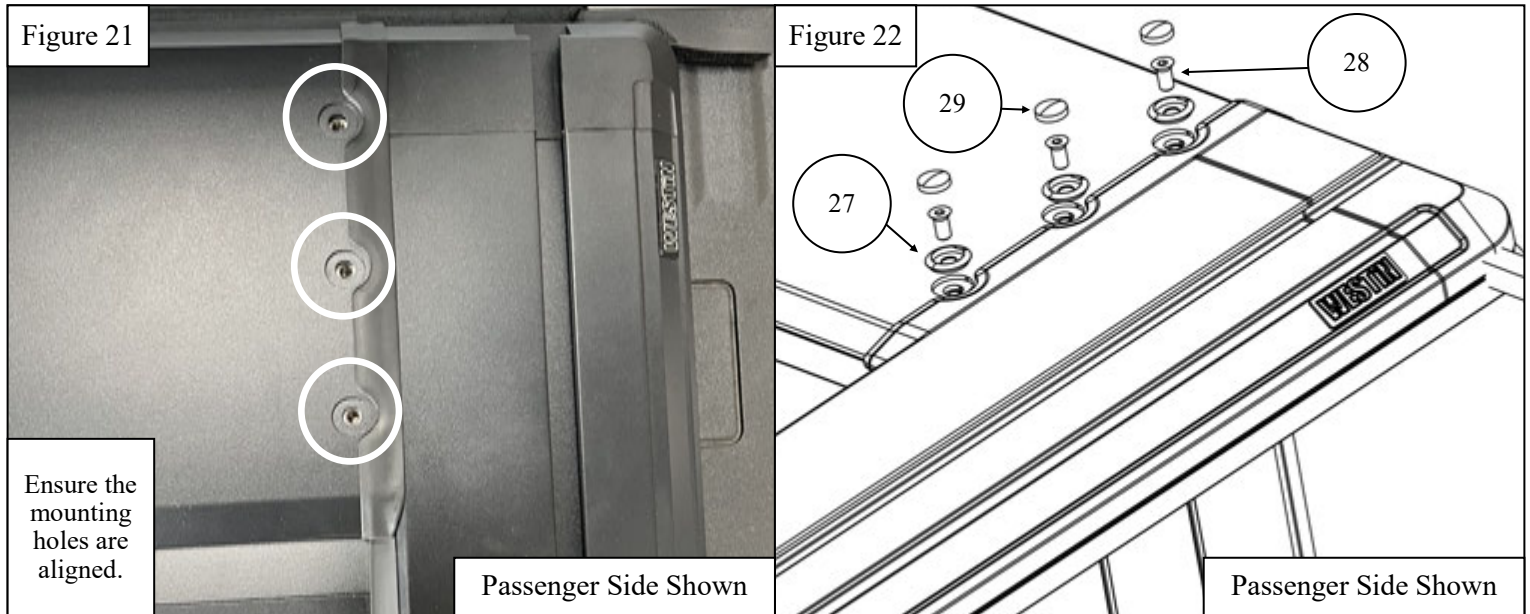
9. Remove the protective plastic wrapping from the side rails and identify the Driver and Passenger Side Rails (**Items 3 and 4**). See **Figure 13**.
10. Carefully pull the tonneau cover out from the canister and ensure the stopper on the tonneau cover is in front of the limit block on the canister. See **Figure 14**.



11. Starting on the Passenger Side, line up the rail with the canister and carefully slide it inward into position, ensuring that the ends of the tonneau cover slats are properly inserted into the side rail channel. It may be necessary to lift a portion of the side rail sweep seal so that it stays on top of the cover slats and does not get tucked in. See **Figures 15 and 16**.
12. Check that the side rail is sitting flush on top of the canister, then use 5 M6 Torx Combo Bolts (**Item 23**) to install the side rail onto the canister. See **Figures 17-20**.
13. Repeat **Steps 11 and 12** for the Driver Side Rail (**Item 3**).



14. Install the Canister Cover Plate (**Item 2**), place the canister cover plate on top of the canister and ensure the mounting holes align with the mount points on the canister. Place one Plastic Ring (**Item 27**) into each hole on the canister cover plate, then use 6 M5 Countersunk Screws (**Item 28**) to attach the canister cover plate to the canister. Cover the 6 mounting holes using the provided Plastic Caps (**Item 29**). Use **Figures 21 and 22** as reference.
15. Apply the Adhesion Promoter (**Item 20**), then remove the covering over the adhesive strips on the ends of the weather seal and press firmly onto the bottom of the side rails. See **Figure 23**.



16. Starting on the Driver Side, locate the stake pocket towards the rear of the bed wall and the corresponding mounting holes. Use one Double Nut Plate and two M8 Torx Bolts, M8 Lock Washer, and M8 Flat Washer (**Items 6 and 24-26**) to install the Rear Driver Mounting Bracket (**Item 10**) to the previously located mounting holes. See **Figures 24-26**.
17. For the Passenger Side Rear Mounting Bracket (**Item 11**), a hole will need to be drilled for the upper mounting point. Once the M8 hardware is installed on the lower mounting point, use the hole in the bracket to mark the drilling location. Remove the bracket and use a 3/8" (10mm) Drill Bit to drill a hole in the side of the bed panel. Clean the hole and reinstall the Passenger Rear Mounting Bracket following the same procedure as described in **Step 16**. See **Figures 24-27**

NOTE: Leave the hardware loose at this time; it will be tightened later in the procedure.

Figure 24

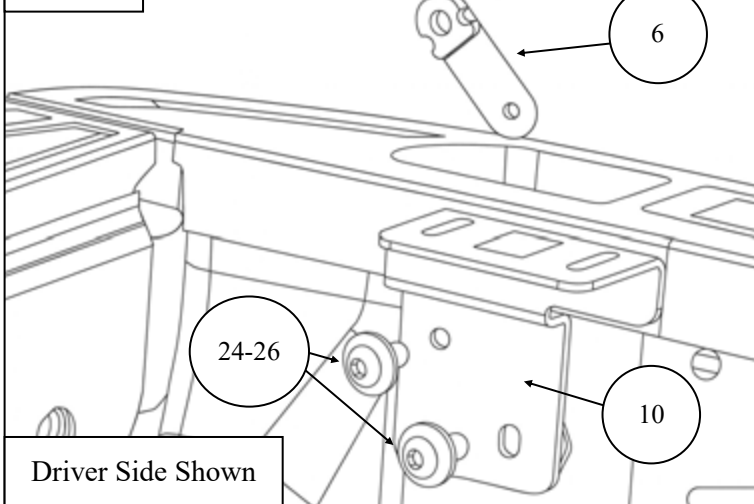


Figure 25

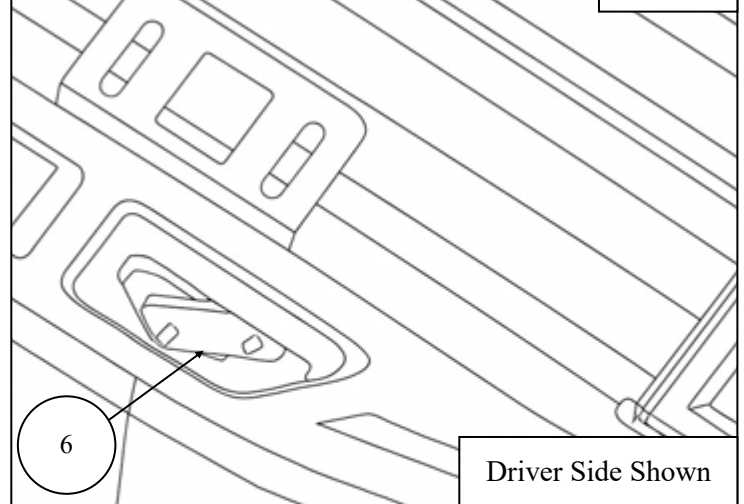


Figure 26

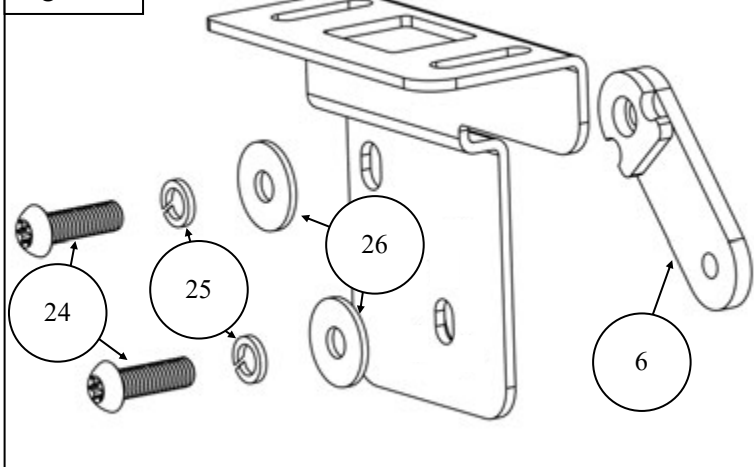
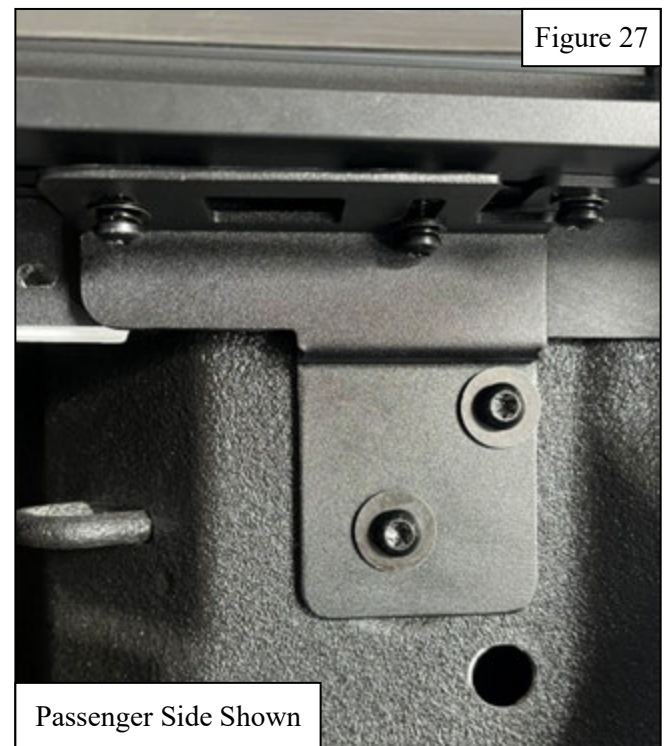
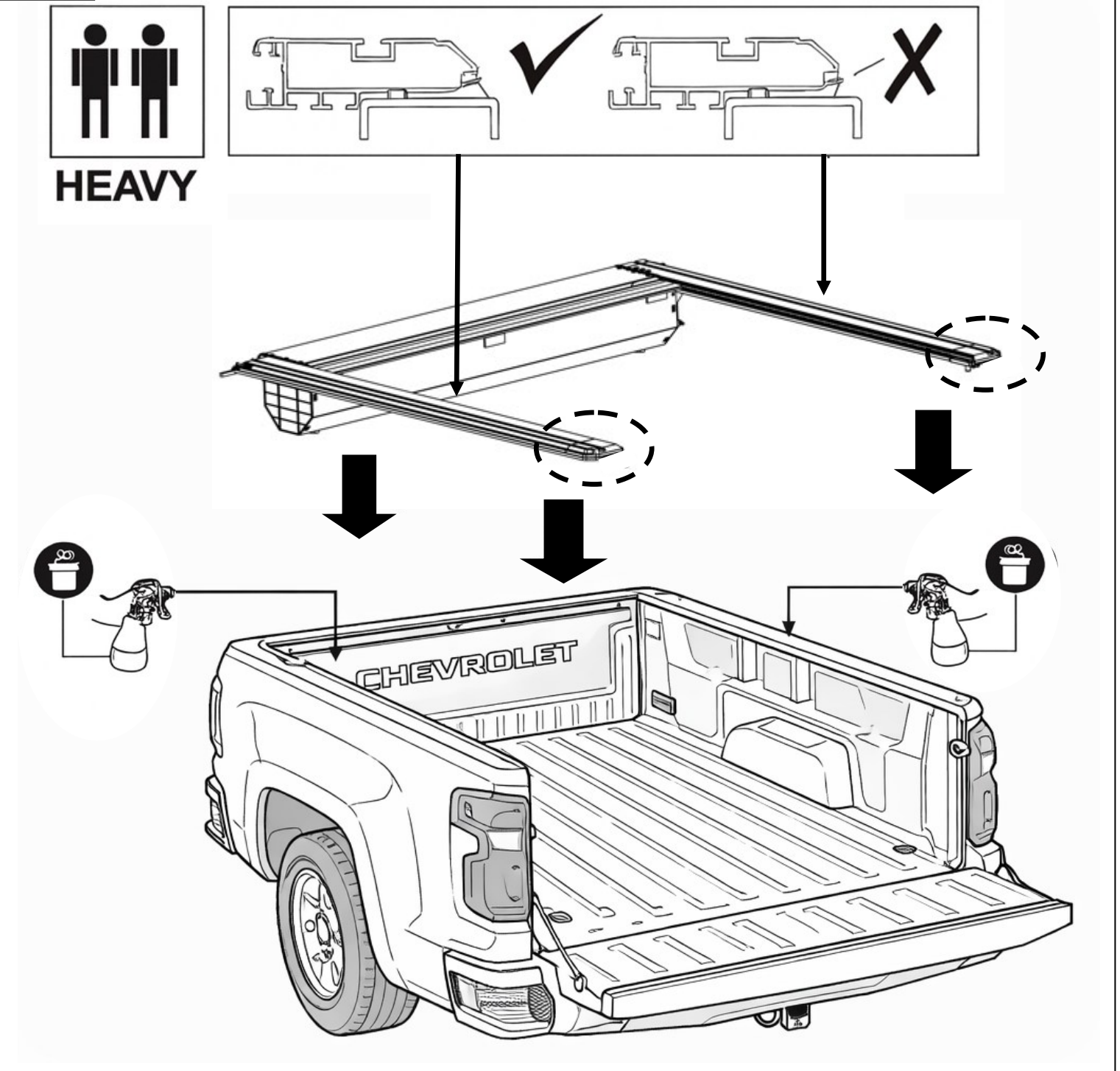


Figure 27



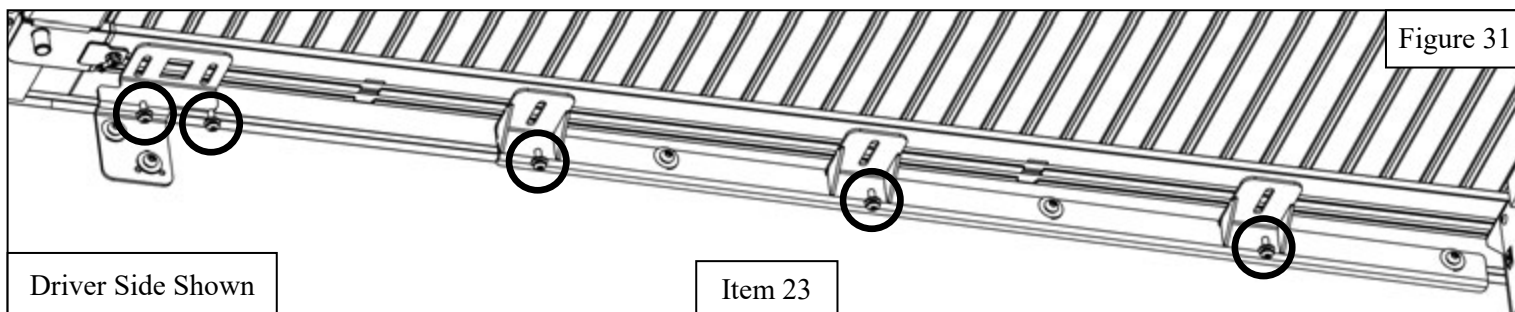
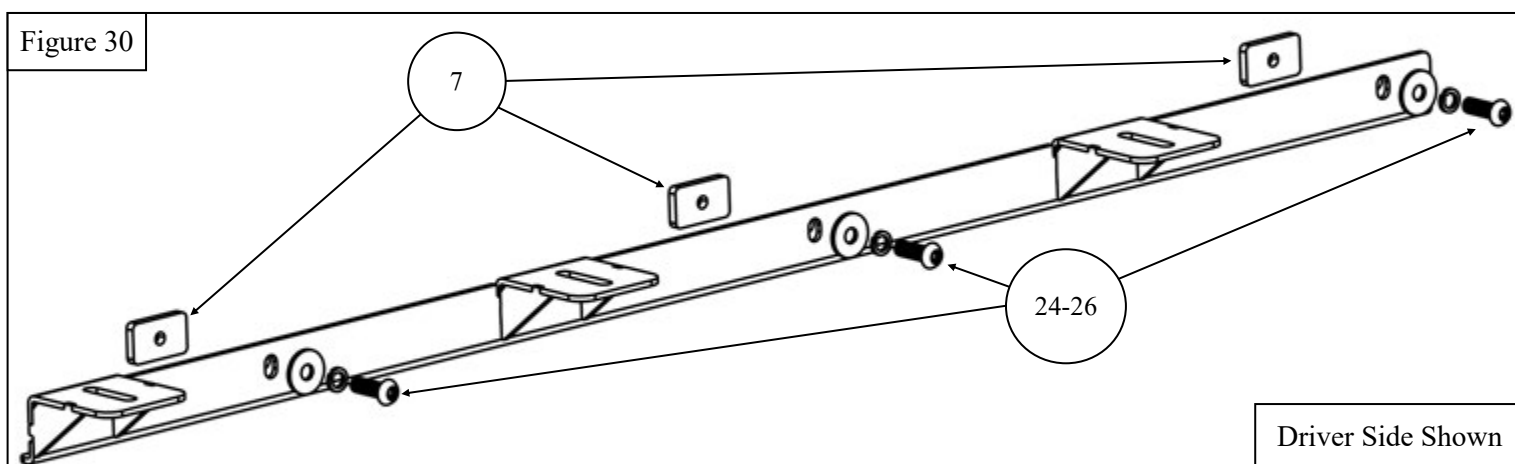
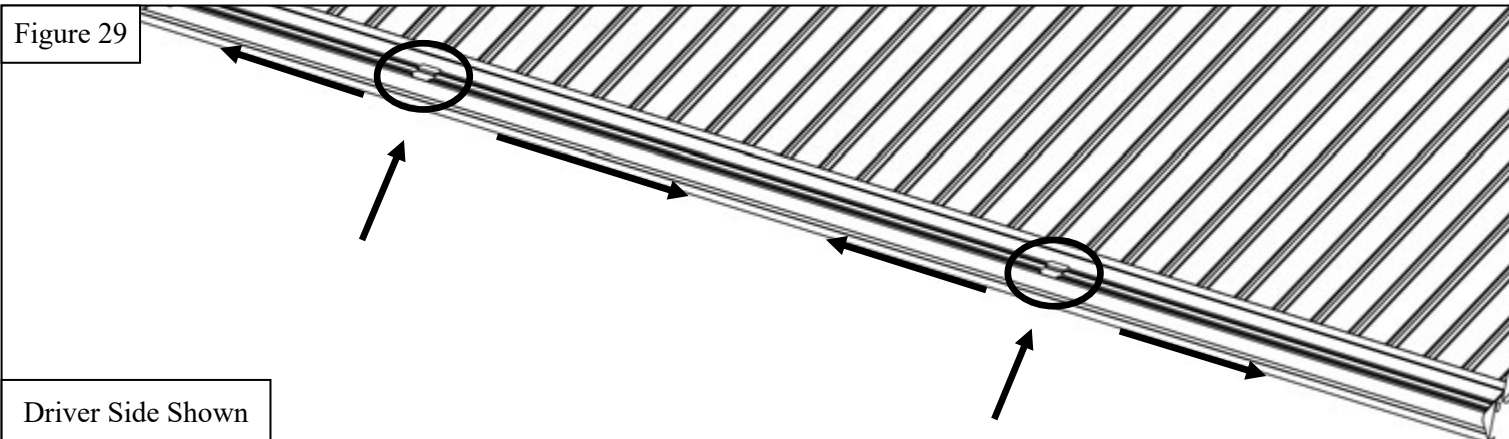
18. With assistance, carefully lift the tonneau cover assembly and place it on top of the truck bed. Do not slide the tonneau cover along the bed surface as this will damage the foam seals. While lifting the cover, position it as far forward as possible. See **Figure 28**.

Figure 28



19. Starting on the Driver Side, insert 5 M6 T-Channel Nuts (**Item 22**) into the channel on the bottom of the driver side rail. Use the Front Driver Mounting Bracket (**Item 8**) and line it up with the holes on the truck bed side, it may be helpful to temporarily clamp the bracket to the bed side to hold it in place while installing the mounting hardware. See **Figure 29**.
20. Use 5 M6 Torx Combo Bolts (**Item 23**) to attach the front and rear mounting brackets to the side rails and use three sets of the M8 hardware (**Items 24-26**) and three Single Nut Plates (**Item 7**) to attach the front mounting brackets to the bed side. See **Figures 30 and 31**.
21. Repeat **Steps 19 and 20** for the Front Passenger Mounting Bracket (**Item 9**)

NOTE: Leave all mounting bracket hardware loose.



22. Align the side rails by using the Alignment Bar (**Item 5**). Insert the bar into the channel on the inner side of both side rails. Slide the alignment bar along the channels and check that the distance between the side rails is the same front-to-rear. Shift the ends of the side rails until the optimum position is achieved, then carefully push down on the end of the side rails and tighten the hardware for the rear mounting brackets. Use the alignment bar to double check the gap between the side rails and measure the distance between the outside of each side rail and the outer edge of the bed to ensure they are positioned centrally. This process may need to be repeated a few times until all measurements are optimal. After this has been completed, proceed to tighten the hardware for the front and center brackets, carefully pushing down on the side rails above each mounting bracket before tightening the hardware. As a final check, ensure the tonneau cover will operate smoothly. If it moves easily with no binding/ rough spots, proceed with the rest of the installation. If it is difficult to operate or has rough spots, the side rails will need further adjustment until the tonneau cover operates smoothly. See **Figures 32 and 33**.
23. Tighten all M5 hardware to 4-6 ft-lbs., M6 hardware to 7-11 ft-lbs., and M8 hardware to 17-26 ft-lbs.

Figure 32

A=A B=B

Make sure the
side rails are even

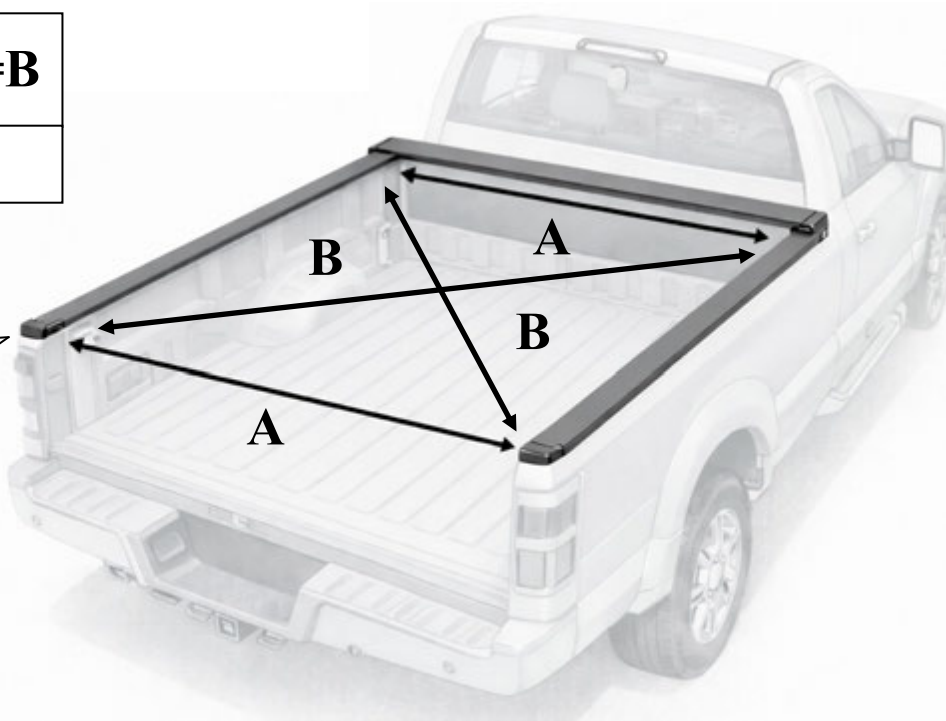
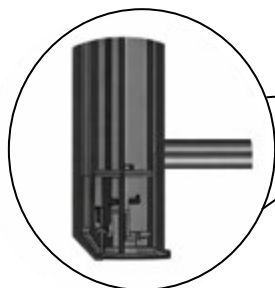
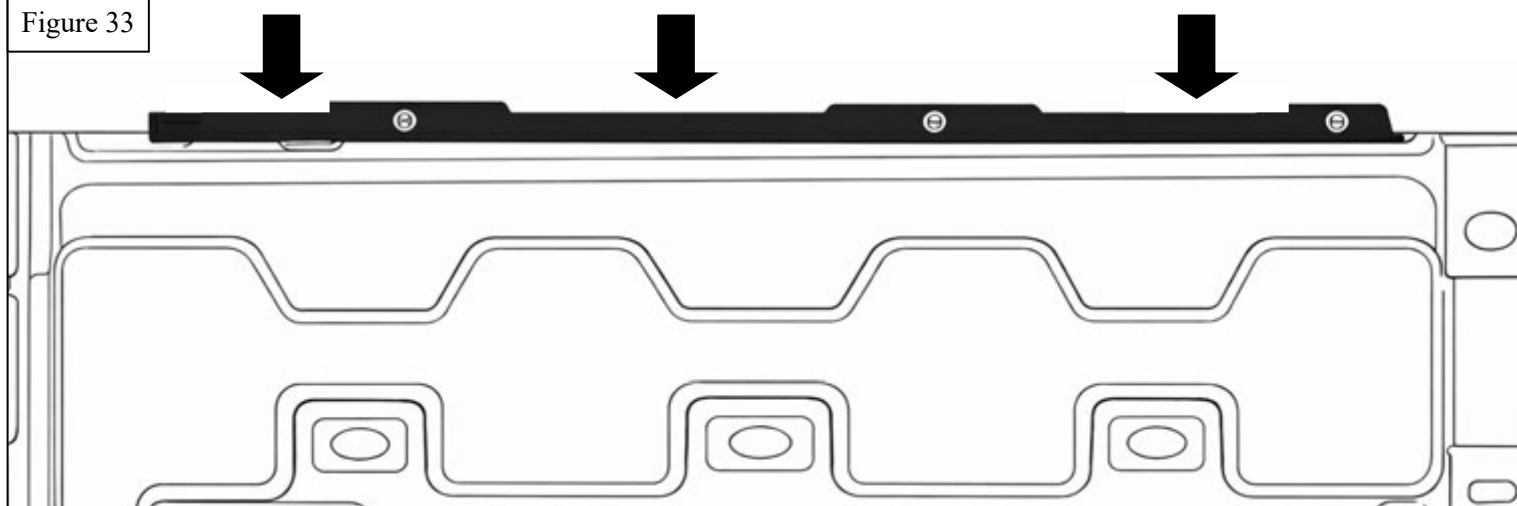


Figure 33



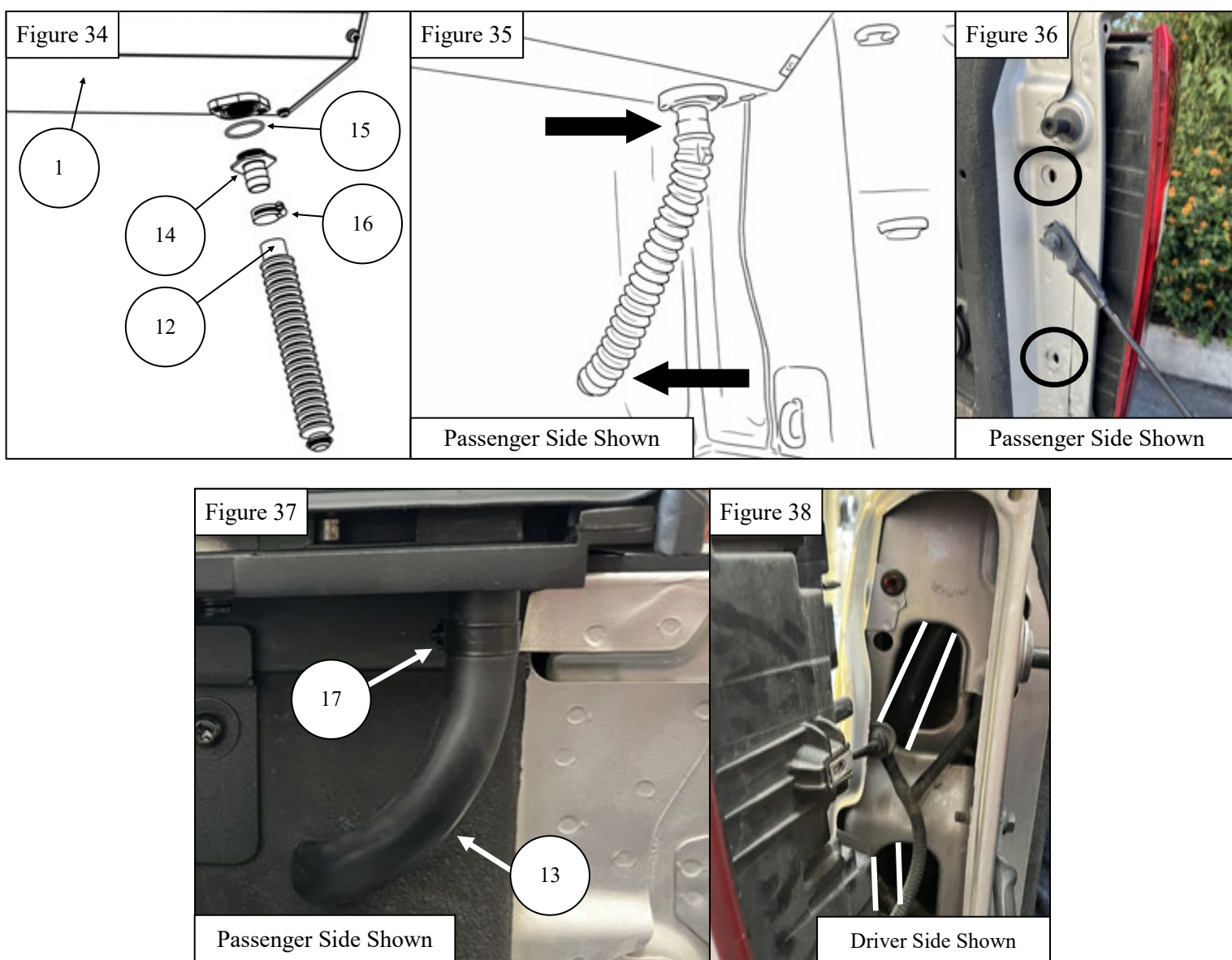
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24. Install the Front Drain Tube Adapters (**Item 14**) onto the Front Drain Tubes (**Item 12**) and tighten using the supplied Tube Clamps (**Item 16**). Press the Rubber Rings (**Item 15**) into the groove in the canister outlet on the bottom of the canister, then screw the drain tube adapters into the canister outlet. See **Figures 34 and 35**.
25. Route the end of the front drain tubes through the holes that were cut into the base of the bed from **Step 5**. See **Figure 35**.
26. Temporarily remove the taillight housing by removing two bolts on the inside and pull firmly rearward to release the two tabs on the outside. See **Figure 36**.
27. Slip the end of the Rear Drain Tubes (**Item 13**) with the pre-installed tube clamps (**Item 17**) onto the drain outlet at the end of the side rail. See **Figure 37**.
28. Route the bottom of the rear drain tubes through the hole near the top of the bed that was drilled in **Step 6**. Reach in the cavity behind the taillight housing and guide the drain tube down and around any obstructions. Tighten the tube clamp until the drain tube is snug on the drain outlet. Then reinstall the taillight housing. See **Figures 37 and 38**.

NOTE: Do not overtighten the front drain tube adapters as this may damage the plastic fittings, and do not overtighten the tube clamps as this may cause damage to the drain outlet.



LOCK & UNLOCK INSTRUCTIONS

29. Swing the pull cord to the left to lock the cover. To unlock, swing the pull cord to the right. See **Figures 39 & 40**.

NOTE: Make sure the pull cord remains horizontal when locking or unlocking the cover. See **Figure 41**.

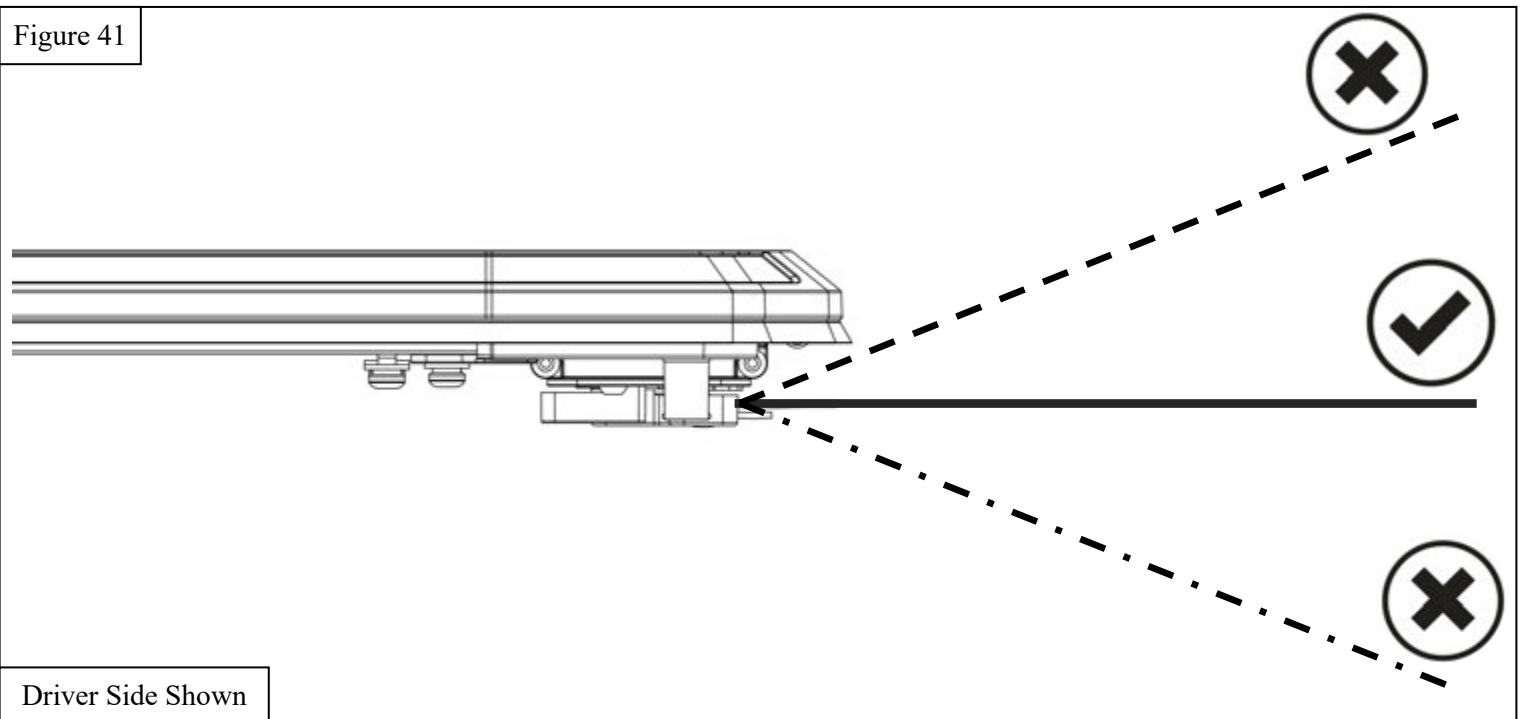
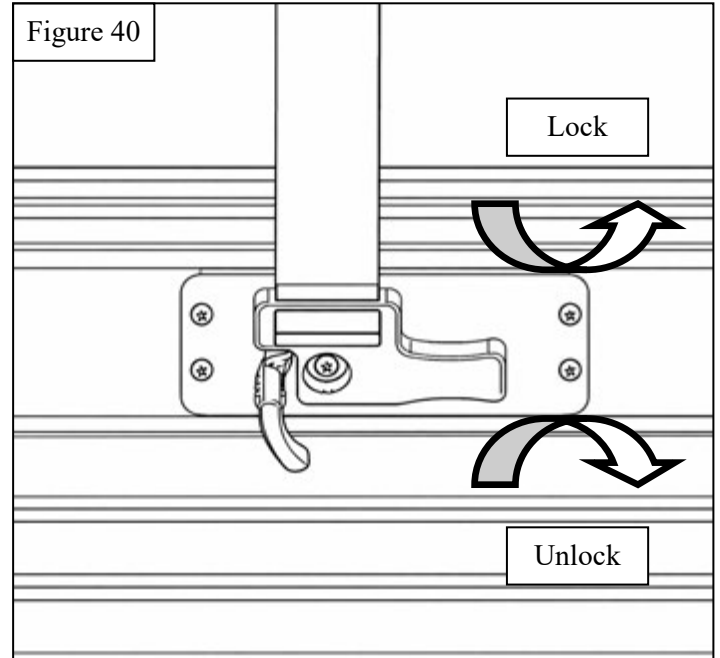
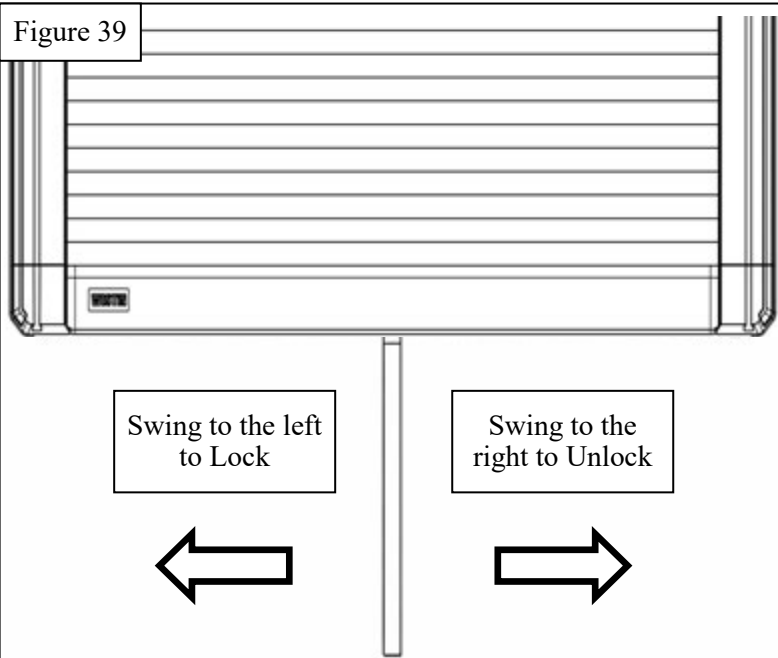
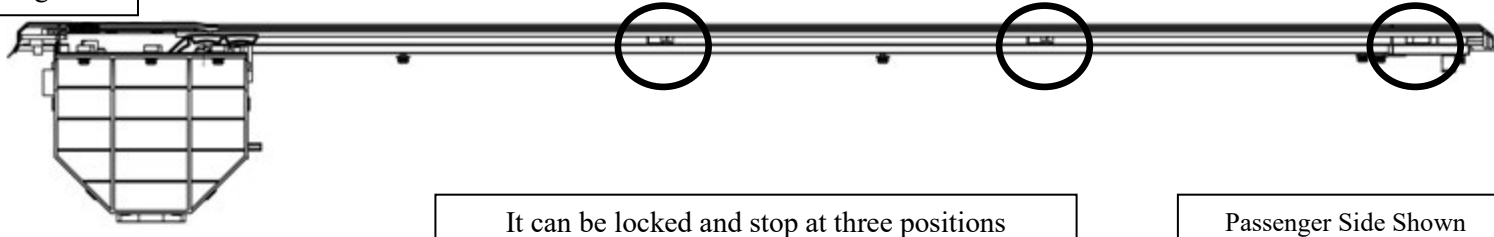


Figure 42



IMPORTANT MAINTENANCE NOTES

30. Grease the inner track of the side rails. See **Figures 43 & 44** as reference.

31. To adjust the tightness of the spring, push the worm inward and then rotate it. See **Figures 45 & 46**.

NOTE: These two steps should be carried out every 3 months for product maintenance and calibration. If there are special circumstances, the maintenance and calibration periods can be shortened according to the actual situation to ensure the product is always in the optimal working conditions.

Figure 43

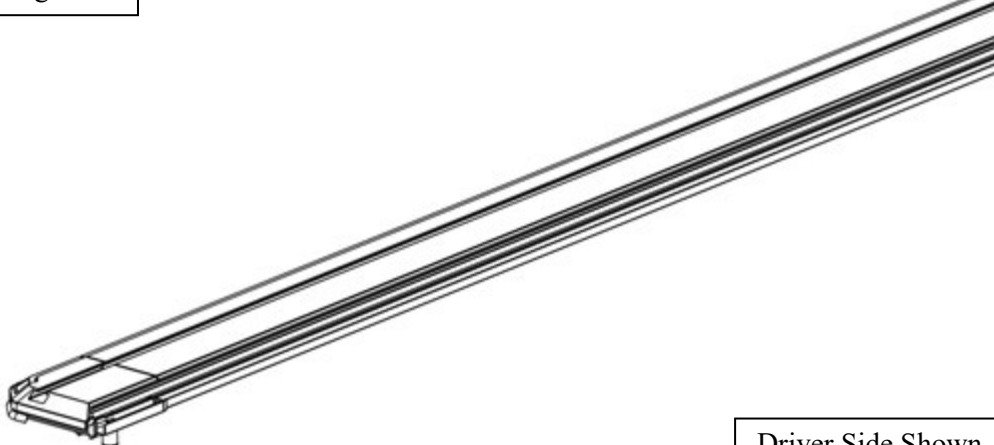


Figure 44

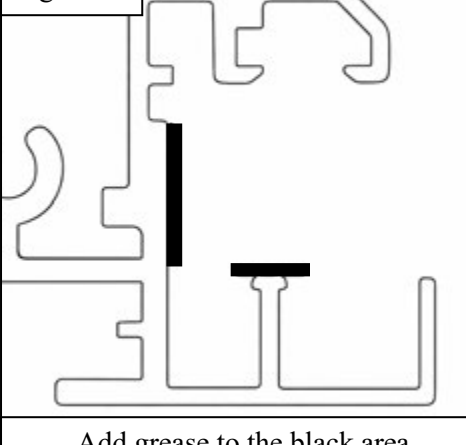


Figure 45

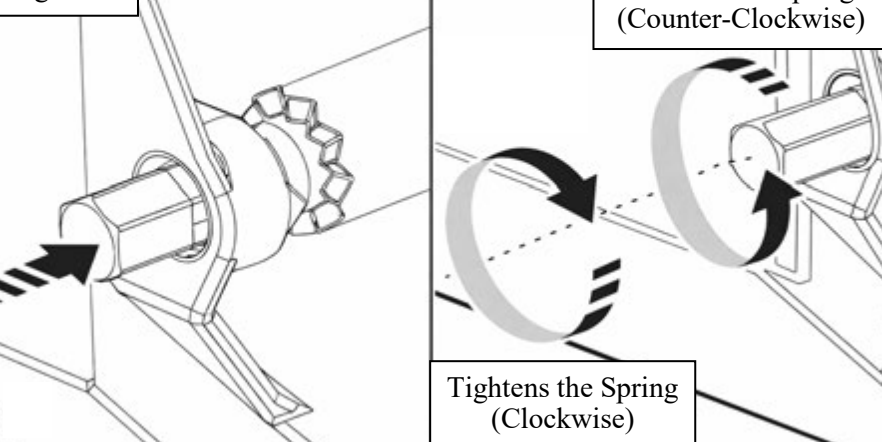
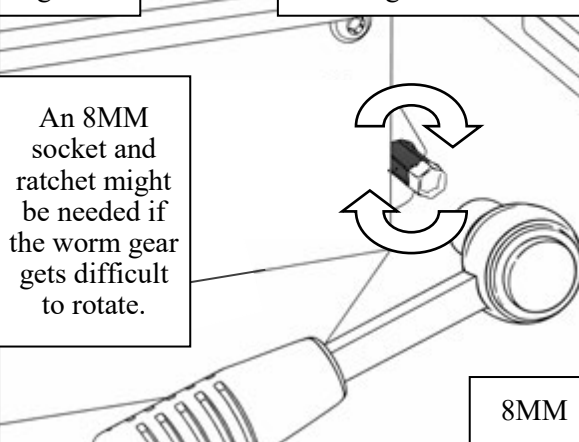


Figure 46



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INSTALLATION COMPLETE



CARE INSTRUCTIONS

- TEXTURE BLACK FINISHES SHOULD BE CLEANED WITH MILD SOAP AND WATER ONLY (DO NOT WAX).
- GLOSS BLACK FINISHES SHOULD BE CLEANED WITH MILD SOAP AND WATER.
- POLISHED STAINLESS PRODUCTS SHOULD BE CLEANED WITH MILD SOAP AND WATER. STAINLESS STEEL POLISH MAY BE USED TO REMOVE SMALL SCRATCHES.
- REGULAR WAXING IS RECOMMENDED FOR GLOSS BLACK AND STAINLESS STEEL PRODUCTS. DO NOT USE WAX THAT MAY CONTAIN ABRASIVES.



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WARNING



Failure to follow these instructions could lead to death, personal injury, and/or property damage.

FASTENERS:

All Westin supplied fasteners must be utilized and installed in accordance with the installation instructions and apply torque to the specifications as defined. **DOUBLE CHECK ALL FASTENERS BEFORE INITIAL USE, AND PERIODICALLY IN THE FUTURE TO ENSURE PROPER FUNCTION AND SAFETY.**

DRILLING:

Most Westin products do not require drilling for installation. If drilling is defined as required, use caution when drilling a vehicle. **FAILURE TO REVIEW AN AREA TO BE DRILLED MAY RESULT IN PERSONAL INJURY AND/OR INJURY TO OTHERS AS WELL AS VEHICLE DAMAGE.**

EYE PROTECTION:

ALWAYS WEAR SAFETY GLASSES OR GOGGLES DURING THE INSTALLATION PROCESS TO AVOID PERSONAL INJURY.

MAXIMUM TOWING/CARRYING CAPACITY: (if applicable)

The Westin Receiver Hitches will have a visible tow rating label affixed directly on the product. User should never exceed the vehicle manufacturer's maximum tow and weight rating regardless of the capacity of the hitch. **FAILURE TO FOLLOW THESE GUIDELINES WILL VOID THE WESTIN WARRANTY AND MAY RESULT IN PERSONAL INJURY AND/OR INJURY TO OTHERS AS WELL AS VEHICLE DAMAGE.**

FOR CALIFORNIA RESIDENTS ONLY-PROP 65 WARNING:

Some products may contain chemicals such as DEHP, which can cause cancer, birth defects or other reproductive harm. For more info go to www.p65warnings.ca.gov



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