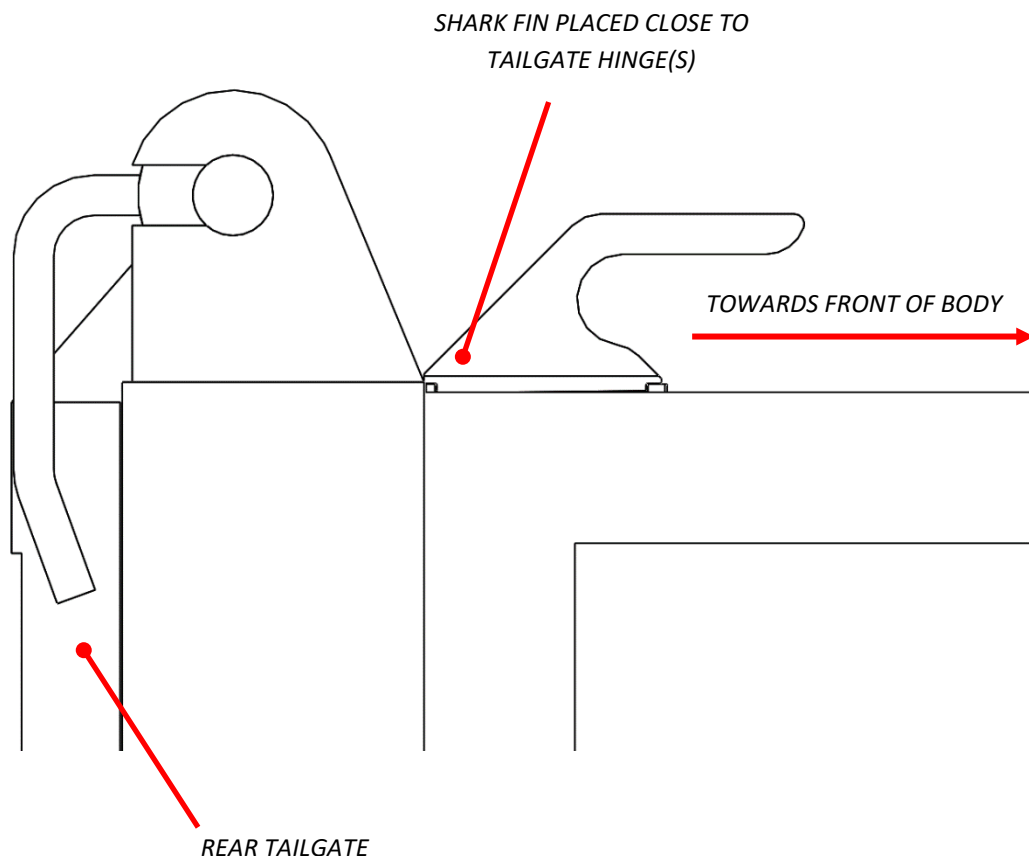


SHARK FIN PLACEMENT

GENERAL PRACTICES

Due to the wide variation in tipping bodies, shark fin placement is subject to each vehicle's rear hinge and tailgate configuration. However, standard practices can be applied:

1. On any configuration, it is preferable to have the shark fins facing forward, towards the front of the vehicle. As far back/as close to the rear hinge as possible, making sure they are even across the body. This is the most efficient and safe method of securing the pull tube in the end of the tarp.
2. If the rail height is equal to or less than 1500 mm from the ground, or is easily accessible. The shark fins can be placed facing away from the front of the vehicle. Though this is only used in specific applications where the pull tube can be safely accessed from ground level.
3. When the tarp is in both the open and closed position. The pull rope **must** be secured for safety.
4. Refer to operating instructions later in the document for safe operation and stowing of the Pull Out tarp system.





PULL OUT ASSEMBLY/DISASSEMBLY GUIDE

DISASSEMBLY

TARP REMOVAL/REPLACEMENT

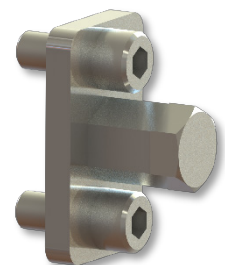
1. Remove Bolts holding the unit to the truck.
2. Remove screw at the 5 o'clock position to release the tension from the tarp and spool.
(Caution! Keep hands clear of spool when tarp tension is released)
3. Loosen the 4 outer screws on the adjustor end.
4. Now completely remove the screws and inner and outer disks from the endplate.
5. Separate the spool and tarp from the housing and completely unroll.
6. Drill out the tarp anchoring rivets and remove the idler end cap (opposite to adjustor disk end).
7. Slide Tarp out of the keyway tube to complete the removal

TORSION SPRING

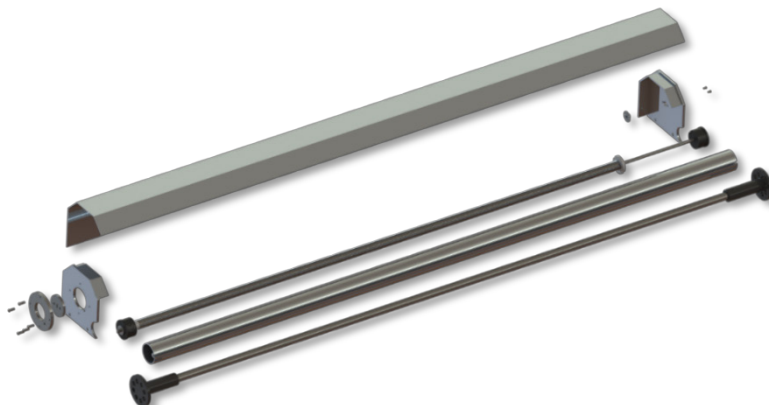
8. Drill out the 3/16" Multigrip rivets located at the adjustor end
9. Remove the complete inner spring assembly
10. Replace damaged spring/bushes etc
11. Reassemble in reverse order

REASSEMBLY

1. Roll tarp out flat making sure the logo side is facing up.
2. Feed the tarp into the groove on the keyway tube and refit the idler end cap.
3. Use 3/16" dome head rivets to secure the tarp to the keyway tube.
4. Slide pull tube into the pocket on the tarp.
5. Refit the body guides and secure with 1/4" dome head rivets.
6. Tightly roll tarp up on the spool ready to be fitted back into the housing.
7. Place tarp spool in the housing making sure the adjustor bush is keyed in place on the adjustor disk. Lubricate screws with anti-seize when reassembling for ease of removal in future.
8. Replace and finger tighten the outer 4 screws to the adjustor disk leaving the 5 o'clock off for now.
9. Using the adjustor tool* or equivalent, turn the adjustor disk clockwise 18 turns for a 5.2-metre or 20 turns for a 7-meter tarp. **Note*** the tool can be purchased separately, seen right.
10. Once tensioned, screw in the last 5 o'clock button head to finish the assembly.



Adjustor Tool





PULL-OUT OPERATION

To operate a Pull-out tarp system correctly, the following steps are to be taken.

1. Take the guide rope which is either resting in the bin or secured near the headboard, and walk the rope to the rear of the body.
2. Centre the rope on the tailgate and smoothly pull the tarp towards the rear of the body.
3. Continue pulling until the rear anchor tube sits within the shark fins at the rear of the body.
4. Keeping constant tension on the rope and secure it either through looping it around a second set of shark fins, or tying off at a point on the tailgate.
5. Then release tension to complete the operation.

PULL-OUT SAFETY PRECAUTIONS

When operating a Pull-out style system, the following precautions are required:

- Always operate the system from the rear of the body.
- Refrain from jerking/sudden movements to pull anchor free of the Shark Fins.
- Only use the rope to control the return to the housing, not the pull tube.
- Stand well clear of the sides of the body when unit is retracting.
- Apply constant tension on the rope till the tarp fully retracts.
- Be aware of the unit's high level of pretension (18 turns clockwise)
- Use the proprietary tool when adjusting spring tension

Failure to comply with these precautions can result in injury and/or damage to the pull-out assembly. For further information on operating and installation procedures, contact our sales team at sales@retractabletarps.com.au or call (07) 3889 8611.

