



Assembly, Installation, Operation and Maintenance Instructions AWNINGS

Part Number:
AWN001/AWN002/AWN003

60 minutes

Dealer / Installer: Provide a copy of these instructions to the end user of this product. These instructions provide important operating and safety information for proper usage of this product. Demonstrate the proper use of the product with the end user. Have the end user demonstrate that they understand the proper use of the product.

End User: Read and follow all instructions included in this manual. Ask your Dealer / Installer for assistance if you do not understand the proper use of the product.

⚠ WARNING ⚠

APPLICATION: UNIVERSAL

The Terravore Awning can be mounted in various ways depending on the vehicle for which it is being attached to. Additional parts may be required in order to properly attach or work with different vehicle models and setups. The intended use of this product is to be used while vehicle is parked.

Parts List:

| Description | Qty |
|--------------------------------------------|-----|
| Awning with Cover | 1 |
| Mounting Bracket "L" Style | 2 |
| Mounting Bracket "Straight" Style | 2 |
| Tension Cord with Ground Stake | 2 |
| Bolt with Nylock Nut M8x20mm | 4 |
| Bolt with Nylock Nut M8x55mm | 4 |
| Wrench – (10mm / 13mm) | 2 |
| Carrying Pouch | 1 |
| Tools Required | |
| Tape Measure | 1 |
| 13mm Wrench or Ratchet | 1 |
| 10mm Wrench or Ratchet | 1 |
| Drill | 1 |
| 5/16" Drill Bit | 1 |
| Step Bit | 1 |
| Optional Hardware – Sold Separately | |
| U-Bolts – 1-7/8" to 2" Radius | 2 |

Replacement Parts - Sold Separately

| | |
|--------|------------------------------|
| AWNRP1 | SERVICE KIT UNIVERSAL |
| AWNRP2 | REPL ARM HORIZONTAL - AWN001 |
| AWNRP3 | REPL ARM HORIZONTAL - AWN002 |
| AWNRP4 | REPL ARM HORIZONTAL - AWN003 |
| AWNRP5 | REPL POST VERTICAL UNIVERSAL |

Accessories – Sold Separately

| | |
|--------|--------------------------------|
| AWN004 | SHADE WALL 78" - AWN001/AWN002 |
| AWN005 | SHADE WALL 98" - AWN003 |



INSTALLATION PROCEDURE:

Mount to Roof Basket

Note: Prior to installing, check for clearance to ensure awning will not interfere with the opening and closing of doors. When installing with an existing roof basket, be sure the basket is sturdy and mounted securely to the vehicle roof. Roof baskets will need to be a minimum of 2-1/2” tall for the awning to be mounted or will need to have mesh or grated flooring for awning brackets to clamp to. Additionally, spacing of the mounting holes should be measure approximately 1-5/8” apart.

- 1) Place the awning on a flat surface. Remove the plastic end caps exposing the channel. Slide the short M8x20mm bolts through the channel to a minimum distance of 12 inches from each end. Installer can adjust accordingly once awning is positioned. (Fig 1) (If mesh or grated floor basket skip to Step 5)
- 2) **2-1/2” Tall Basket** – Using the awning with bolts within the channel as a template, position the awning against the roof basket to mark the holes that will need to be drilled. (Holes in the channel should be approx. 1-5/8” apart in a vertical line and minimum distance of 4 ft. for 6.6 ft. awnings and a minimum of 5 ft. for 8.2 ft. awnings apart. See dot in Fig. 2)
- 3) Using a 5/16-inch drill bit, carefully drill the marked locations in the roof basket.
- 4) Once roof basket is drilled, attach the awning, placing the bolts thru the drilled holes and secure with the Nylock nuts and the straight mounting bracket to assist with bracing. This may require assistance from another installer. Start on one side with one bolt and Nylock nut to hold in place and move to the opposite side. (Make sure awning is straight for proper function.) Repeat the process until the two brackets are secured.
- 5) **Mesh Basket** – Place the L-bracket on the basket floor using the straight bracket from the underside, to clamp to the basket. Use the provided (4) M8x55mm bolts to clamp onto the basket. (Fig 3)

Fig 1



Fig 2



Fig 3



Note: Periodically check all hardware to ensure Nylock nuts and bolts are secure.

INSTALLATION PROCEDURE:

Mount to Tubular Roof Rack (TrailFX J021T, J029T, JL012T, JL014T)

Note: Prior to installing, check for clearance to ensure awning will not interfere with the opening and closing of the doors. Be sure to check your tubular roof rack for proper measurements of the tubing. Provided measurements are based on TrailFX style roof racks.

- 1) Place the awning on a flat surface. Remove the plastic end caps exposing the channel. Slide the short M8x20mm bolts through the channel to a minimum distance of 12 inches from each end. Installer can adjust accordingly once awning is positioned. (Fig 1)
- 2) Using 5/16" x 2" x 4-1/2" U-Bolts (plus nuts) or 1-7/8" – 2" exhaust clamps, measure minimum distance of 4 ft. for 6.6 ft. awnings and minimum of 5 ft. for 8.2 ft. awnings to install the selected U-bolts purchased separately.
- 3) Using the L-bracket, attach the long side to the U-bolts (Fig 2). Note the L-bracket holes on the long side may need to be drilled for proper alignment/fitment. Using a drill bit or step bit, carefully drill the hole to the needed size. Recoat the bracket with black spray paint to help with the elements.
- 4) Holding the awning up to the short side of the L-brackets, align the bolts from inside the channel to the bracket. This may require assistance from another installer. Start on one side with one bolt and Nylock nut to hold in place and move to the opposite side. (Make sure awning is straight for proper function.) Repeat the process until the two brackets are secured. (Fig 3 & 4)

Note: Periodically check all hardware to ensure hardware is secure.

Fig 1



Fig 2



Fig 3



Fig 4



INSTALLATION PROCEDURE:

Mount to Crossbar / Roof Rack

Note: Prior to installing, check for clearance to ensure awning will not interfere with the opening and closing of the doors. Some cross bars have a “T-slot” design that will allow the provided bolts the ability to slide through the channel, preventing a need for drilling. Check all products for best installation method. Below instructions are based on the need to drill.

- 1) Place the awning on a flat surface. Remove the plastic end caps exposing the channel. Slide the short M8x20mm bolts through the channel to a minimum distance of 12 inches from each end. Installer can adjust accordingly once awning is positioned.
- 2) Spread the cross bars on the roof rack to minimum distance of 4 ft. for 6.6 ft. awnings and minimum of 5 ft. for 8.2 ft. awnings.
- 3) Using the L-bracket, place the long side over the crossbars in a position that would clear the roof line and allow doors to open freely.

If the crossbars have a T-slot, remove the end cap and insert the M8 x 55mm bolt, to position the L-bracket. Secure and skip to Step 6.

If the crossbars do not have a T-slot, mark two holes to drill on the crossbar using the L-bracket as template. Proceed to Step 4.

- 4) Using a 5/16-inch drill bit, carefully drill the marked locations in the crossbars.
- 5) Once crossbars are drilled, attach the L-brackets on top of the crossbars in line with the drilled holes and secure with the provided M8x55mm bolts and Nylock nuts.
- 6) Hold the awning up to the short side of the L-brackets aligning the bolts inside the channel to the bracket. This may require assistance from another installer. Start on one side with one bolt and Nylock nut to hold in place and move to the opposite side. (Make sure awning is straight for proper function.) Repeat the process until the two brackets are secured.

Note: Periodically check all hardware to ensure Nylock nuts and bolts are secure.

SETUP PROCEDURE:

1. Undo the zipper on the protective cover. While holding the awning in place, release the captive buckles.
2. Flip the awning over the top of the cover to rest on top of the awning frame, this will now allow you to easily swing out the horizontal poles past 90° . Pull the horizontal poles out to extend them out as far as possible, twist to lock into place.
3. Holding the awning in your hands, unroll it to its full length. Vertical poles may come loose from the channel on the end of the awning frame while unrolling awning.
4. Carefully release the legs from inside the channel. With one hand holding the center of the awning, set each leg to the desired height. Twist the bottom half of the leg to lock in place.
5. While holding the awning frame end with one hand, align the end pin on one of the horizontal legs with the hole in the end of frame. Twist the leg to lock in position. Repeat on the other horizontal leg.
6. Attach the awning to the horizontal arms with the hook and loop fastener.
7. Using the pegs and guide ropes pull the awning front beam diagonally outwards to secure the legs.
NOTE: The pegs supplied are designed to be used in hard soil. A different peg design and size may be required to secure your awning depending on the type of terrain you are anchoring it to.
8. Pack away is a reverse of steps 1-7. Be sure to roll the awning material underneath itself. Avoid packing away the awning wet.

PRODUCT CARE

- Clean only with cold water and soft brush - do not use soap or detergent.
- Do not expose to petrol, oil or solvents.
- Avoid creases and seams when rolling up the awning.
- Allow the awning to dry before packing away. If the awning has been stored wet, open it at a more convenient time to allow it to dry.
- Always set up awning with sufficient angle to allow water to run off.
- It is highly recommended to secure your Terravore awning to the ground in windy conditions. In extreme circumstances, the awning should be packed away to prevent damage to the awning and to prevent personal injury.

Warranty Terms:

3 Year Limited Warranty:

TrailFX and Keystone Automotive Operations Inc. make no guarantees or warranties for products not manufactured by Keystone Automotive Operations Inc. Such products are covered solely under any applicable warranty of the manufacturer. It is always recommended that the operating instructions and warranty instructions provided by the manufacturer are followed.

Keystone Automotive Operations Inc. warrants its products to be free from manufacturing and material defects to the original purchaser for the length of warranty stated above from the date of retail purchase. If any products are found to have a manufacturing or material defect, the product will be replaced or repaired at the option of TrailFX and Keystone Automotive Operations Inc. with proof of purchase by the original purchaser. The original purchaser shall pay all transportation and shipping costs associated with the return of the defective product and the defective product shall become the property of Keystone Automotive Operations Inc.

The Warranty applies to Keystone Automotive Operations Inc. products used for individual and recreational purposes. Commercial usage of the Keystone Automotive Operations Inc. products limits the warranty to 90-days from date of purchase.

The Warranty applies only to Keystone Automotive Operations Inc. products which are found to be defective in manufacturing or material. This warranty does not apply to normal wear and tear of the finish placed on Keystone Automotive Operations Inc. products.

TrailFX and Keystone Automotive Operations Inc. are not responsible for any labor costs incurred for removal or replacement of the defective product.

TrailFX and Keystone Automotive Operations Inc. are not responsible for repair or replacement of any product under the limited warranty where the product was improperly installed, misapplied, altered, abused, neglected, overloaded, misused or damaged as a result of an accident, including any use of the product not in accordance with all product operating and safety instructions.

Without limiting the generality of the foregoing, TrailFX and Keystone Automotive Operations Inc. shall under no circumstances be liable for any incidental or consequential loss or damage whatsoever arising out of, or in any way relating to any such breach of warranty or claimed defect in, or non-performance of the products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

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