

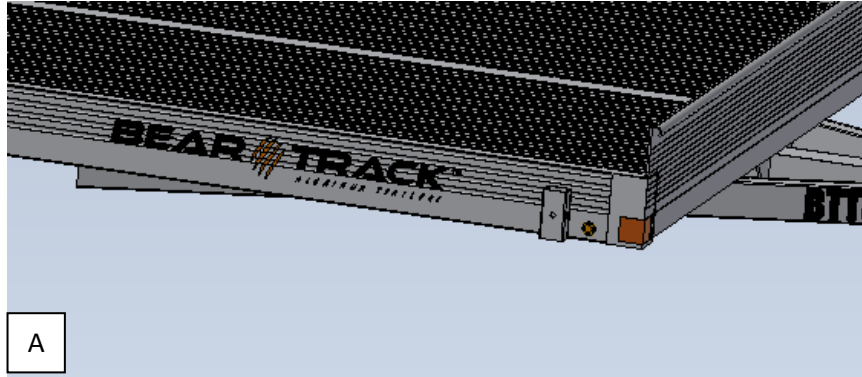


## Accessory Installation Instructions

# **Tandem Axle Utility Trailers**

# Installation Instructions Tandem Axle Utility Trailers Rock Guard

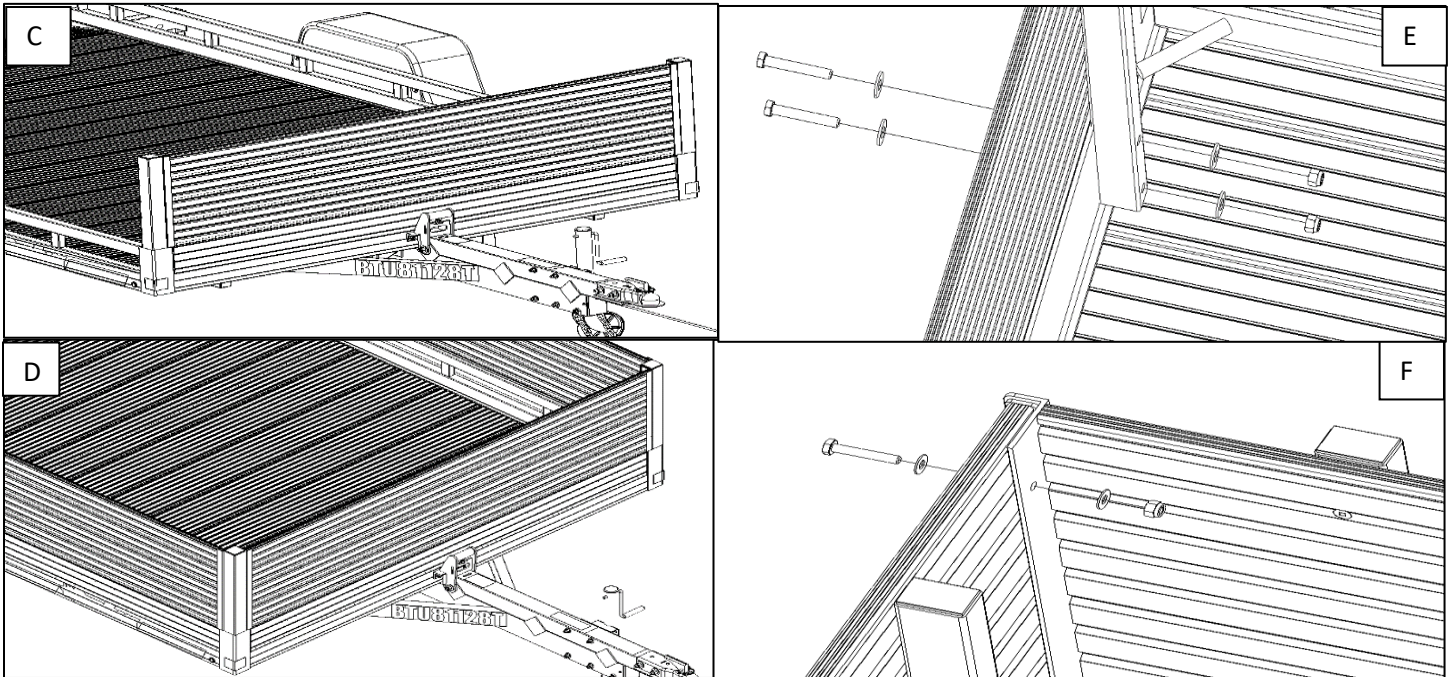
**Section 1:** For 80” wide trailers with side rail shown in Image A.



**Section 2:** For 81” wide trailers with side rail shown in Image B



## Section 1



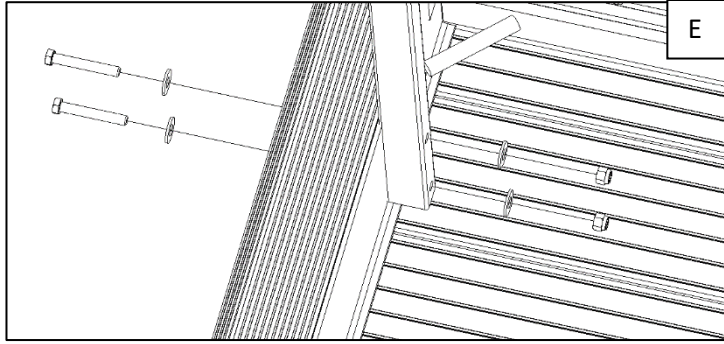
**\*\* For rock guard assembly, two or more people are recommended**

### Rock Guard (no Side Kit)

1. Place the rock guard onto the trailer as shown in image A. Center the rock guard on the front rail of the trailer. The rock guard's stakes should be flush with the inner face of the front rail (Figure C) and raised off the bed of the trailer by  $\frac{1}{4}$ "
2. Hold or clamp the rock guard in place and, using the pre-drilled holes in the stakes as a template, drill  $\frac{3}{8}$ " pilot holes through the front rail of the trailer.
3. Using the bolt configuration shown in image E, install bolts in the pre-drilled holes and tighten. Do not crush the extrusions while tightening the hardware.

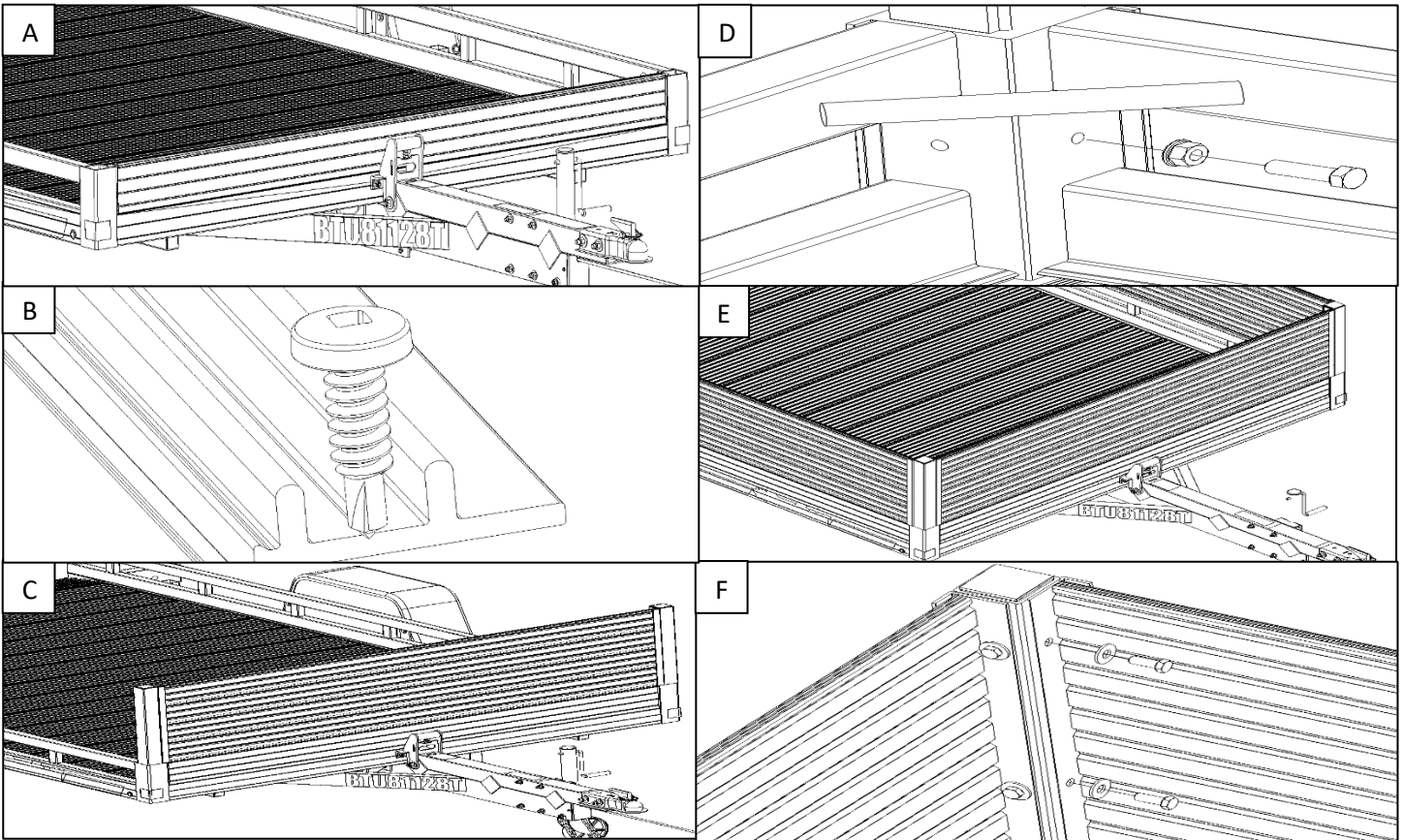
### Rock Guard with a Side Kit (image D)

1. Place the rock guard onto the trailer being careful to ensure the rock guard fits into the outer angles on the side kit (see image F). The rock guard's stakes should be raised  $\frac{1}{4}$ " off the bed of the trailer.
2. Hold or clamp the rock guard in place. Using the holes on the side kit's angle as a template, drill  $\frac{1}{4}$ " pilot holes through the *rock guard*. With the  $\frac{1}{4}$ " x  $1 \frac{1}{2}$ " bolt configuration shown in image F, place bolts in the drilled holes but do not tighten.



3. With the rock guard still clamped and using the holes in the stakes as a template, drill 3/8" pilot holes in the trailer's *front rail*. Using the 3/8" x 2 1/2" bolt configuration in image E, install bolts in the drilled holes.
4. Tighten all bolts until the rock guard is secure. Do not crush the extrusions while tightening the hardware.

## Section 2



1. Position the front fascia over the front rail of the trailer and center width wise as seen in Figure A. Screw the front fascia piece in place to the top rail using the self-tapping screws every 6 inches. (Figure B)
2. Insert the rock guard's stakes into the front corner pockets (Figure C) and, using the 3/8" x 1 1/4" bolt configuration shown in Figure D, bolt the rock guard in place and tighten the nut to lock the bolt in position.
3. *(Only if attaching rock guard to a trailer with a side kit)* Align the holes of the rock guard's stakes with the holes in the side kit's angles and insert 3/8" x 1" bolts and tighten until the rock guard is secure as shown in Figure F. Do not crush the extrusions while tightening the hardware.

-Completed installation shown in Figure E

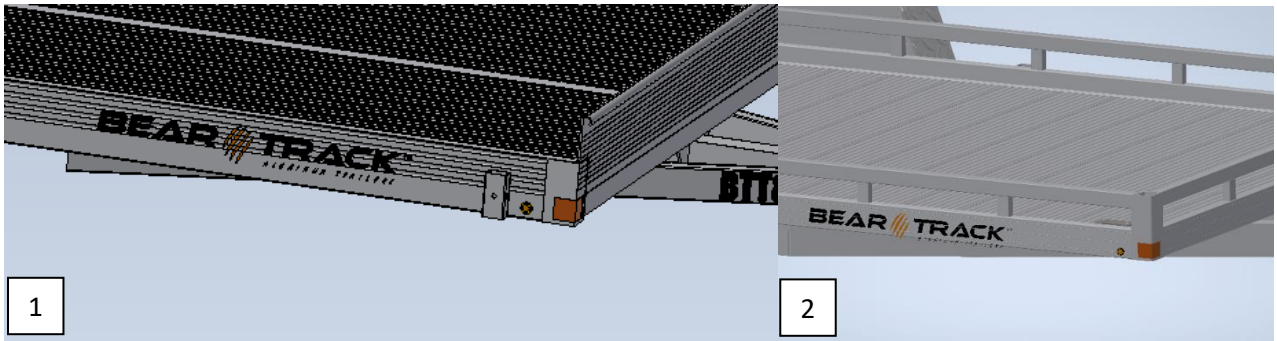
# Installation Instructions

## Tandem Axle Utility Trailers

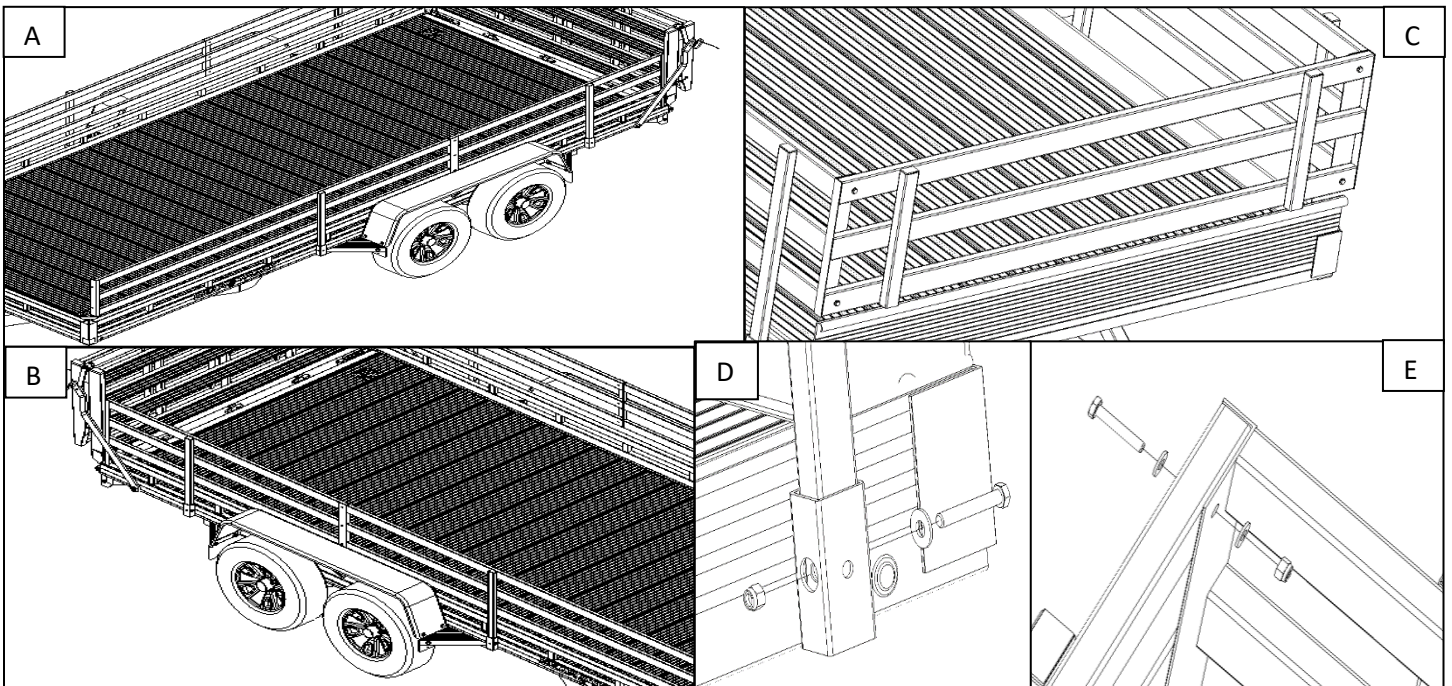
### Side Kits

**Section 1:** For 80” wide trailers with side rail shown in Image #1

**Section 2:** For 81” wide trailers with side rail shown in Image #2

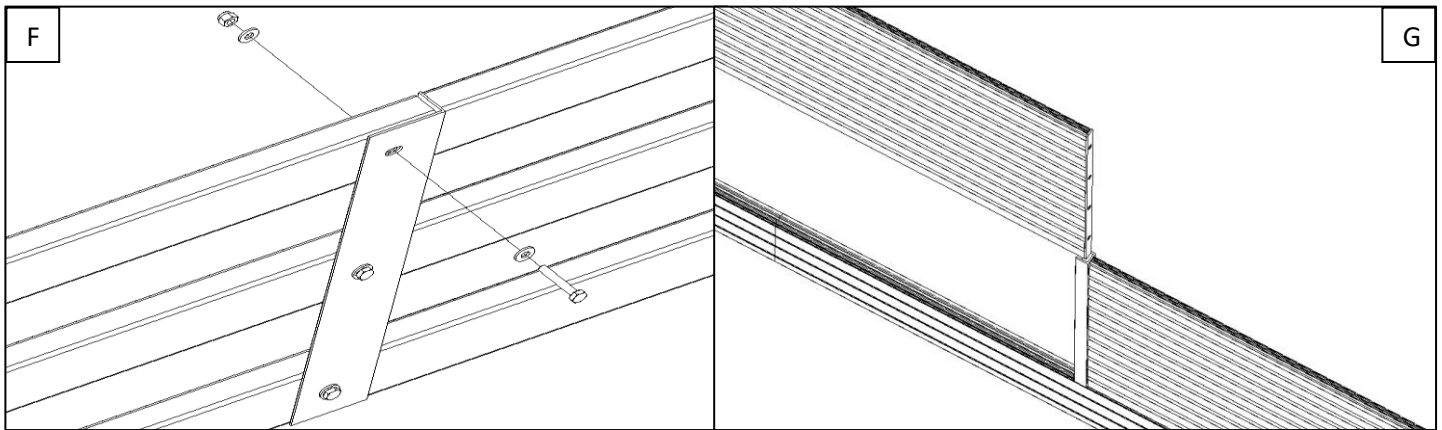


### Section 1



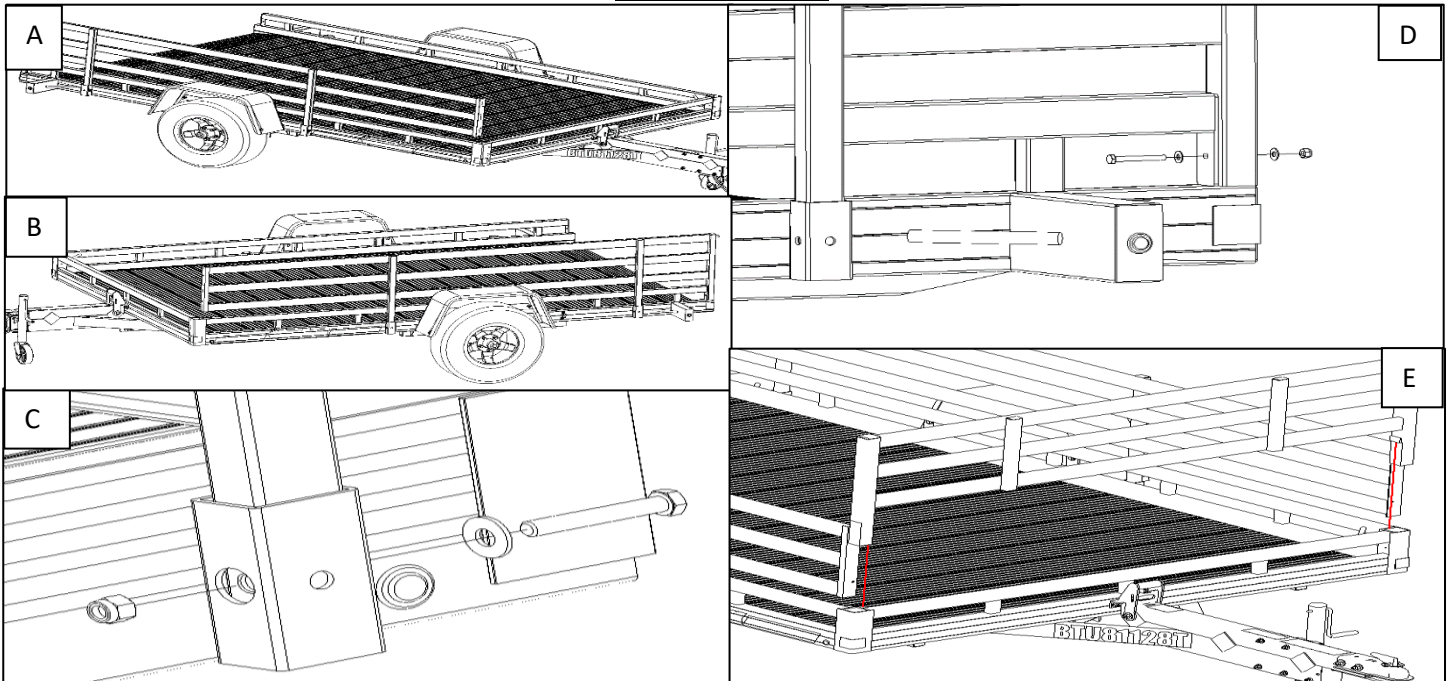
**\*\* For side kit assembly, two or more people are recommended**

1. Identify the passenger side panel of the side kit (Figure B) and place on the trailer by inserting the stakes into the stake pockets. Align the holes in the stake with those of the stake pocket and install the 3/8" x 2 1/2" bolts through these holes using the bolt configuration shown in Figure D, but do not tighten.
  - a. *(For 192" Trailers Only)*
    - i. For open side kits: Attach the front and back panels of the side kit according to the instructions in step 1. Ensure that the back panel fits within the angle of the front panel and the holes align. Bolt the front and back panel together using the 1/4" x 1 1/2" bolts, but do not tighten. (Figure F)
    - ii. For solid side kits: Attach the front panel of the side kit according to the instructions in step 1. When placing the back panel of the side kit, ensure the panel fits within the groove of the front panel and bolt the stake/s according to step 1. (Figure G)

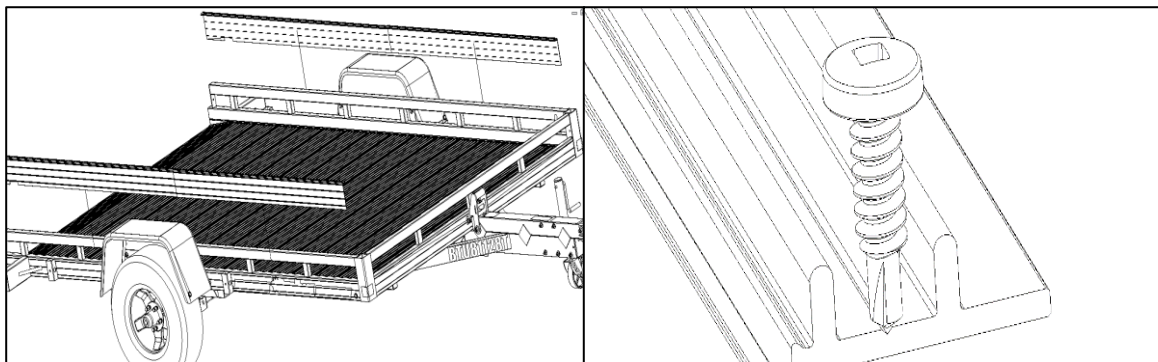


2. Identify the driver's side panel of the side kit (Figure A) and place on the trailer by inserting the stakes into the stake pockets. Align the holes in the stake with those of the stake pocket and install the 3/8" x 2 1/2" bolts through these holes using the bolt configuration shown in Figure D, but do not tighten.
  - a. *(For 192" Trailers Only)*
    - i. For open side kits: Attach the front and back panels of the side kit according to the instructions in step 2. Ensure that the back panel fits within the angle of the front panel and the holes align. Bolt the front and back panel together using the 1/4" x 1 1/2" bolts, but do not tighten. (Figure F)
    - ii. For solid side kits: Attach the front panel of the side kit according to the instructions in step 2. When placing the back panel of the side kit, ensure the panel fits within the groove of the front panel and bolt the stake/s according to step 2. (Figure G)
3. *(Only if adding an open front panel)* Once the sides are in place but not fastened, place the front panel in position (Figure C) and bolt into place using the 1/4" x 1 1/2" bolt configuration shown in figure E. Tighten the bolts.
4. Tighten the bolts of the side kit until secured. Do not crush the extrusions while tightening the hardware.

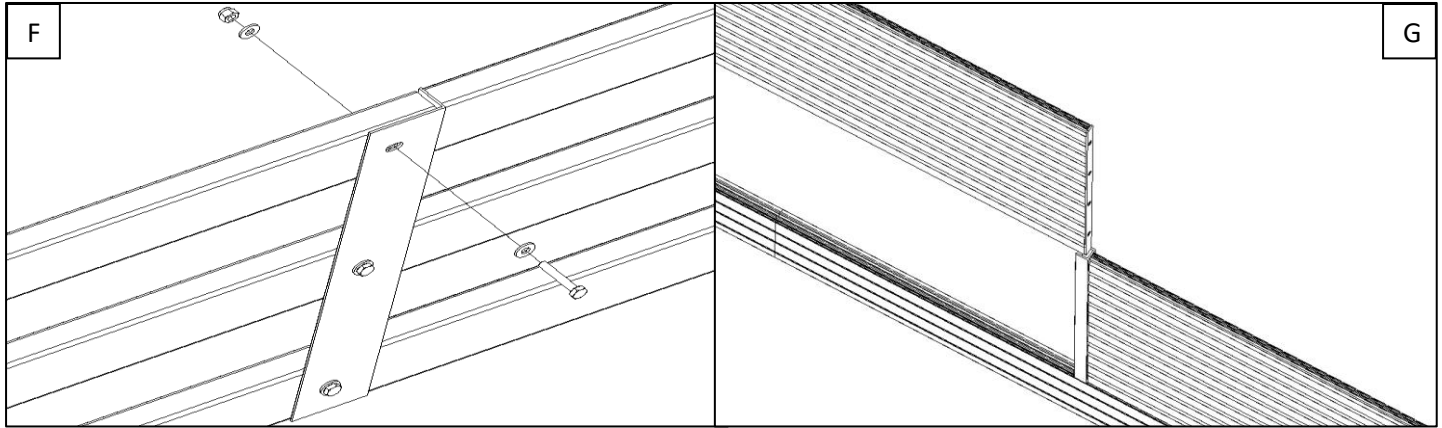
## Section 2



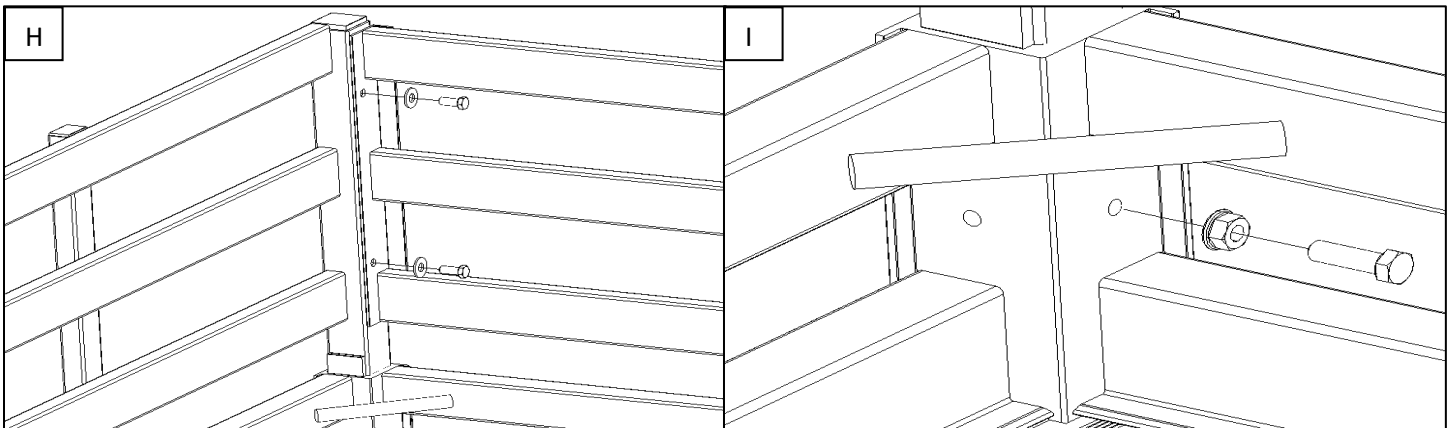
**\*\*If assembling a solid side kit, position the fascia over the side rails of the trailer and screw the fascia pieces in place to the top of the side rails using the self-tapping screws (every 6 inches) prior to proceeding to step 1. (Shown below)**



1. Identify the passenger side panel of the side kit (Figure A) and place on the trailer by inserting the stakes into the stake pockets. Align the holes in the stake with those of the stake pocket and install the 3/8" x 2 1/2" bolts through these holes using the bolt configuration shown in Figure C, but do not tighten.
  - a. (For 194", 218", & 242" Trailers)
    - i. For open side kits: Attach the front and back panels of the side kit according to the instructions in step 1. Ensure that the back panel fits within the angle of the front panel and the holes align. Bolt the front and back panel together using the 1/4" x 1 1/2" bolts, but do not tighten. (Figure F)
    - ii. For solid side kits: Attach the front panel of the side kit according to the instructions in step 1. When placing the back panel of the side kit, ensure the panel fits within the groove of the front panel and bolt the stake/s according to step 1. (Figure G)



2. Identify the driver's side panel of the side kit (Figure B) and place on the trailer by inserting the stakes into the stake pockets. Align the holes in the stake with those of the stake pocket and install the 3/8" x 2 1/2" bolts through these holes using the bolt configuration shown in Figure C, but do not tighten.
  - a. (For 194", 218", & 242" Trailers)
    - i. For open side kits: Attach the front and back panels of the side kit according to the instructions in step 2. Ensure that the back panel fits within the angle of the front panel and that the holes align. Bolt the front and back panel together using the 1/4" x 1 1/2" bolts, but do not tighten. (Figure F)
    - ii. For solid side kits: Attach the front panel of the side kit according to the instructions in step 2. When placing the back panel of the side kit, ensure the panel fits within the groove of the front panel and bolt the stake/s according to step 2. (Figure G)
3. Install 1/4" x 2 1/4" bolts in the rear end of the side rail through the side kit post on both the driver and passenger sides (Figure D), but do not tighten.
4. (Only if adding an open front panel) Once the sides are in place but not fastened, place the front panel in position (Figure E) and bolt into place using the 3/8" x 1" (Figure H) and the 3/8" x 1 1/4" (Figure I) bolt configurations shown below. Tighten the bolts.
5. Tighten the bolts of the side kit until secured. Do not crush the extrusions while tightening the hardware.



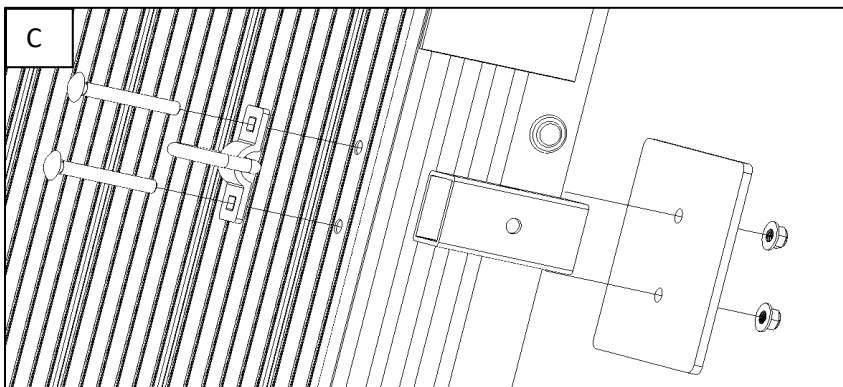
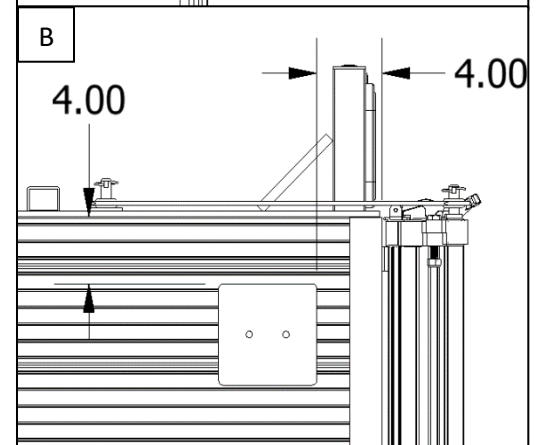
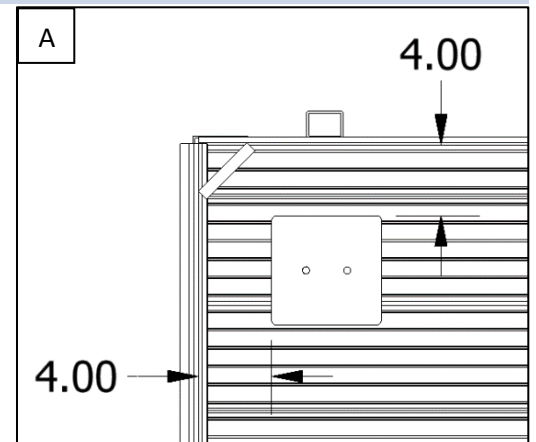
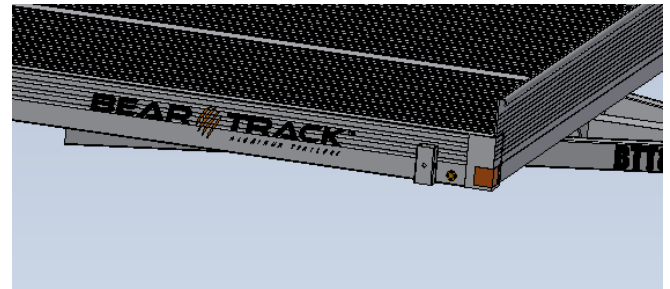
# Installation Instructions

## Tandem Axle Utility Trailers

### D-Ring Tie Downs

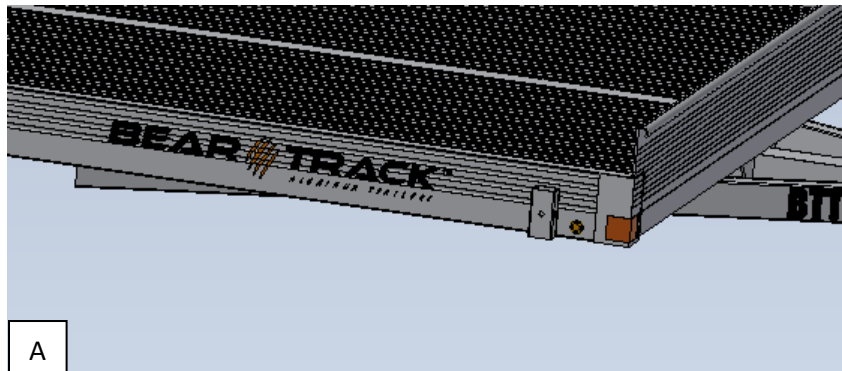
**Note:** D-Ring Tie Down instructions are only offered for 80" wide trailers with side rail shown in Image 1. 81" wide trailers come equipped with recessed tie downs in standard locations.

1. Place the D-ring backer plate onto the bed of the trailer making sure the holes go from front to back.
  - a. If mounting D-rings in the front of the trailer: For both the driver and passenger sides, place the bracket 4" from the inside of both the front and side rails of the trailer as shown in Figure A.
  - b. If mounting D-rings in the rear of the trailer: For both the driver and passenger sides, place the bracket 4" from the inside of the side rail and 4" from the rear end of the trailer as shown in Figure B.
2. Hold the bracket in place and drill one of the two 3/8" pilot holes through the bed of the trailer, using a hole in the bracket as a template. Place one of the two 3/8" x 3" carriage bolts through the drilled hole. Ensure the bracket is still aligned properly and drill the other 3/8" pilot hole through the trailer bed.
3. Remove the bolt used in step 2 and, placing the backer plate beneath the trailer, assemble the D-ring mount as shown in Figure C and tighten the bolts until secure. Do not crush the extrusions while tightening the hardware.



## Tandem Axle Utility Trailers Spare Tire Mount-Side Rail

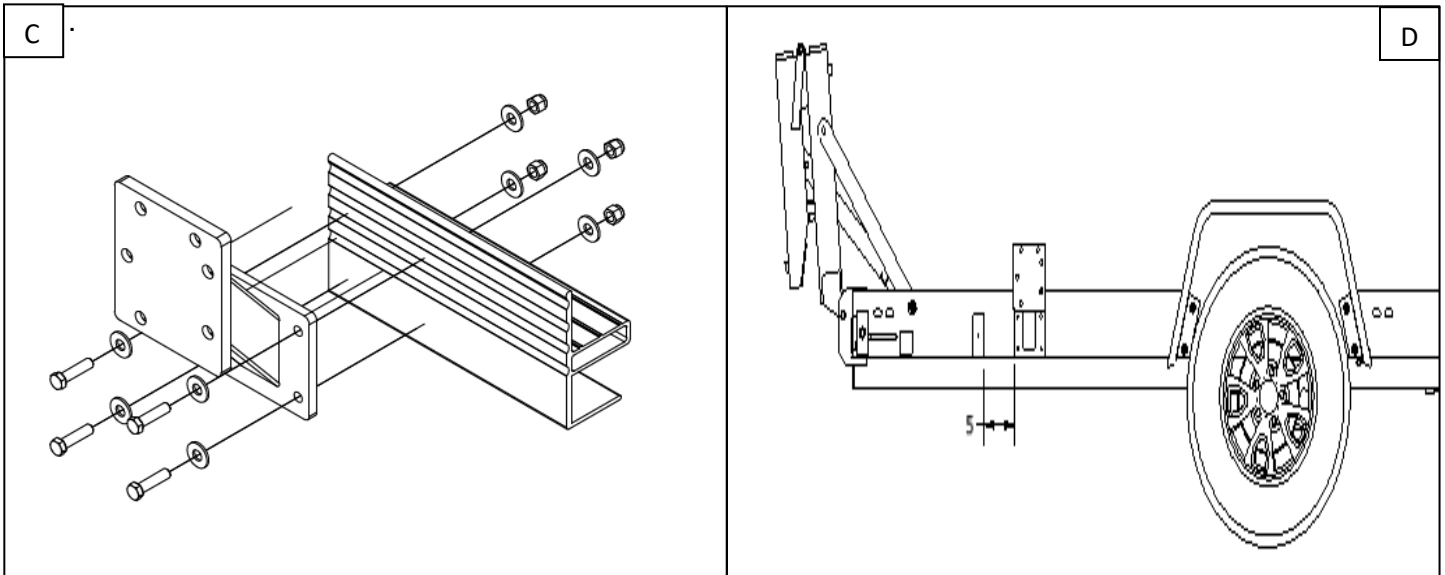
**Section 1:** For 80” wide trailers with side rail shown in Image A



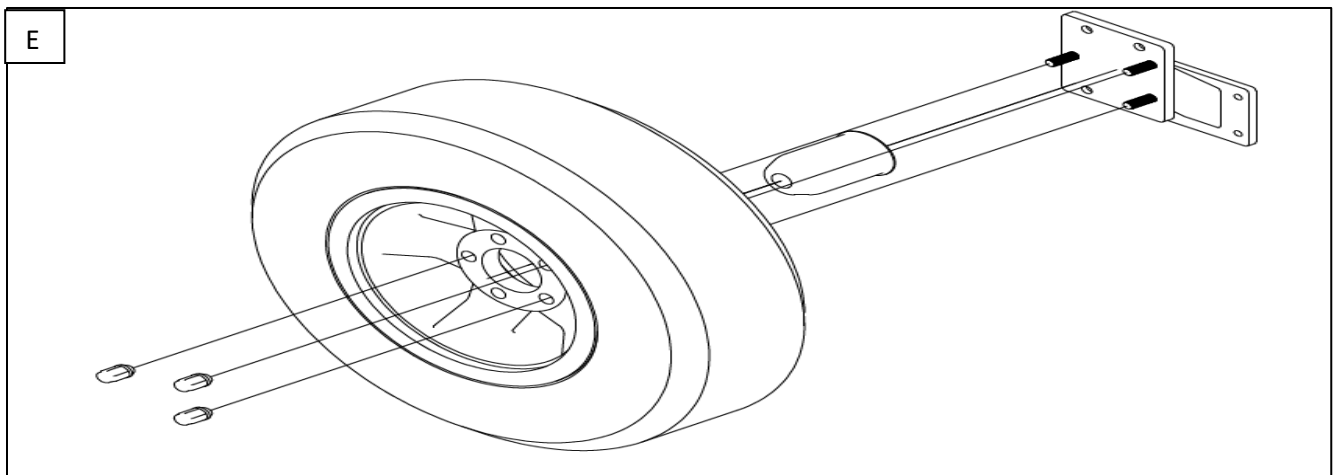
**Section 2:** For 81” wide trailers with side rail shown in Image B



## Section 1

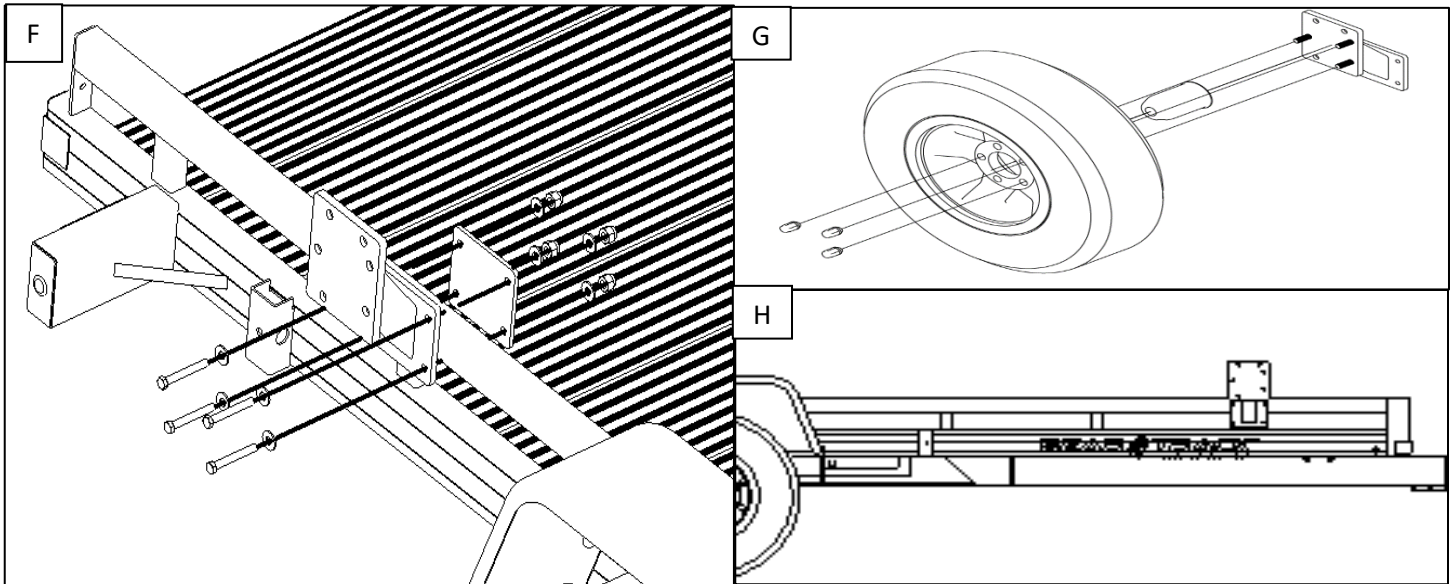


2. On the passenger side of the trailer, clamp the tire mount bracket's back plate 5" in front of the rear-most stake pocket and ¼" from the bottom of the side rail. Make sure the plate is level and drill the four 3/8" holes. Unclamp the plate.
3. Align tire mount bracket with the holes drilled in step 1. Fasten tire mount bracket to the trailer using the 3/8" x 1 ¼" bolt configuration shown in images C & D.



4. Attach the Tire to the Bracket
  - a. Place the center cap through the middle hole of the tire.
  - b. Place the three, ½" x 1 ½" bolts through the holes in the bracket etched with a "5" for 5-bolt wheel, or "6" for a 6-bolt wheel. The 5-bolt wheel is shown in the picture. Place the tire on the mounting bracket ensuring the holes of the tire's rim align with the bolts. Tighten using lug nuts until the tire is securely fastened.

## Section 2

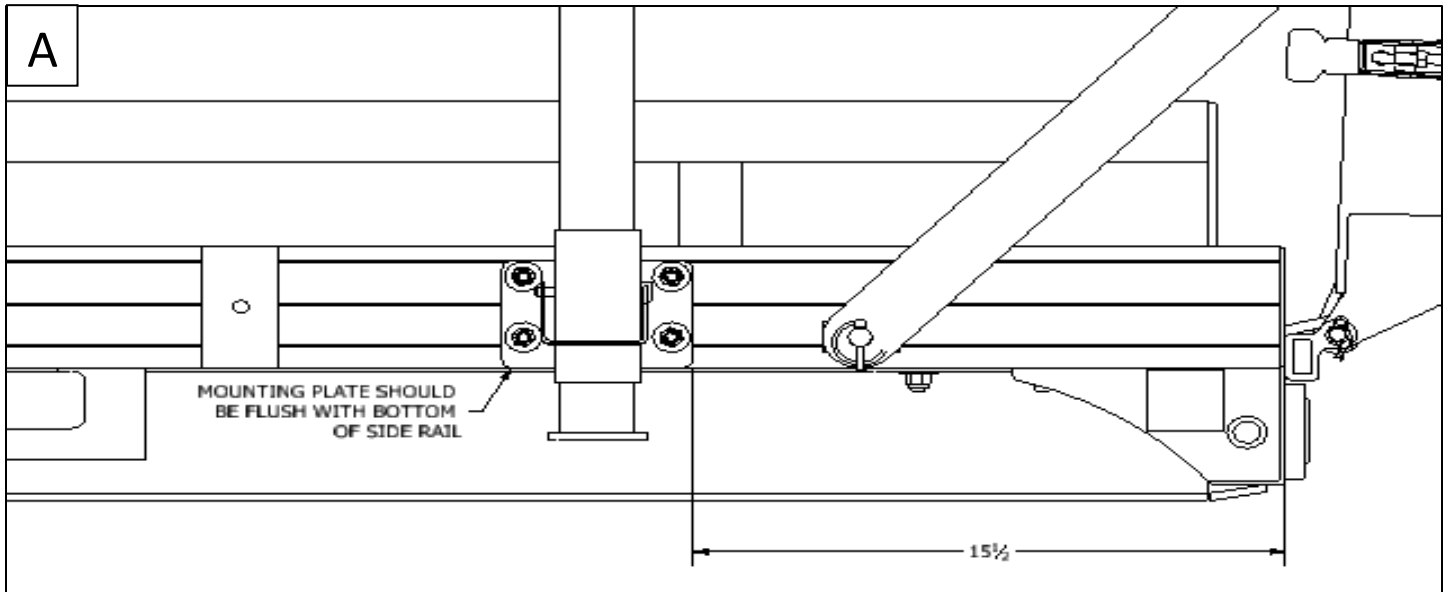


1. Before placing the spare tire mount or backer plate on the trailer, the two pieces will be joined together. Using the bolt configuration shown in image F, place bolts (3/8" x 3") through the top 2 holes on both the tire mounting bracket and the back plate. Tighten the nuts so the back plate will not fall off but keep enough distance between the two so that the joined pieces will fit over the side rail of the trailer.
2. On the passenger side of the trailer, in front of the fender, place the joined unit over the side rail. It should be centered on the upright post of the side rail which is first from the front of the trailer as shown in Figure H.
3. Using the bolt configuration in image F, place bolts (3/8" x 3") through the bottom two holes on both the tire mounting bracket and the back plate.
4. Tighten all bolts until the tire mounting bracket is secured.
5. To attach the tire to the bracket:
  - a. Place the center cap through the middle hole of the tire (see image G).
  - b. Place the three, 1/2" x 1 1/2" bolts through the holes in the bracket etched with a "5" for 5-bolt wheel, or "6" for a 6-bolt wheel. The 5-bolt wheel is shown in the picture. Place the tire on the mounting bracket ensuring the holes of the tire's rim align with the bolts. Tighten using lug nuts until the tire is securely fastened.

# Installation Instructions

## Tandem Utility Trailers

### Leg Stabilizer



### 3. BTT

- a. Drilling pilot holes
  - i. Place plate on driver side or passenger side rail 15 1/2" from the back of the trailer and clamp to hold into place (Figure A). Before drilling the four clearance holes, make sure the plate looks centered in between the decking from the back side (Figure B). Drill the four 3/8" clearance holes and unclamp.
- b. Bolting to trailer
  - i. Bolt the bracket to the trailer through the holes drilled in previous step. (Head of the bolts should be on the inside of the trailer as shown in both Figures.)

