



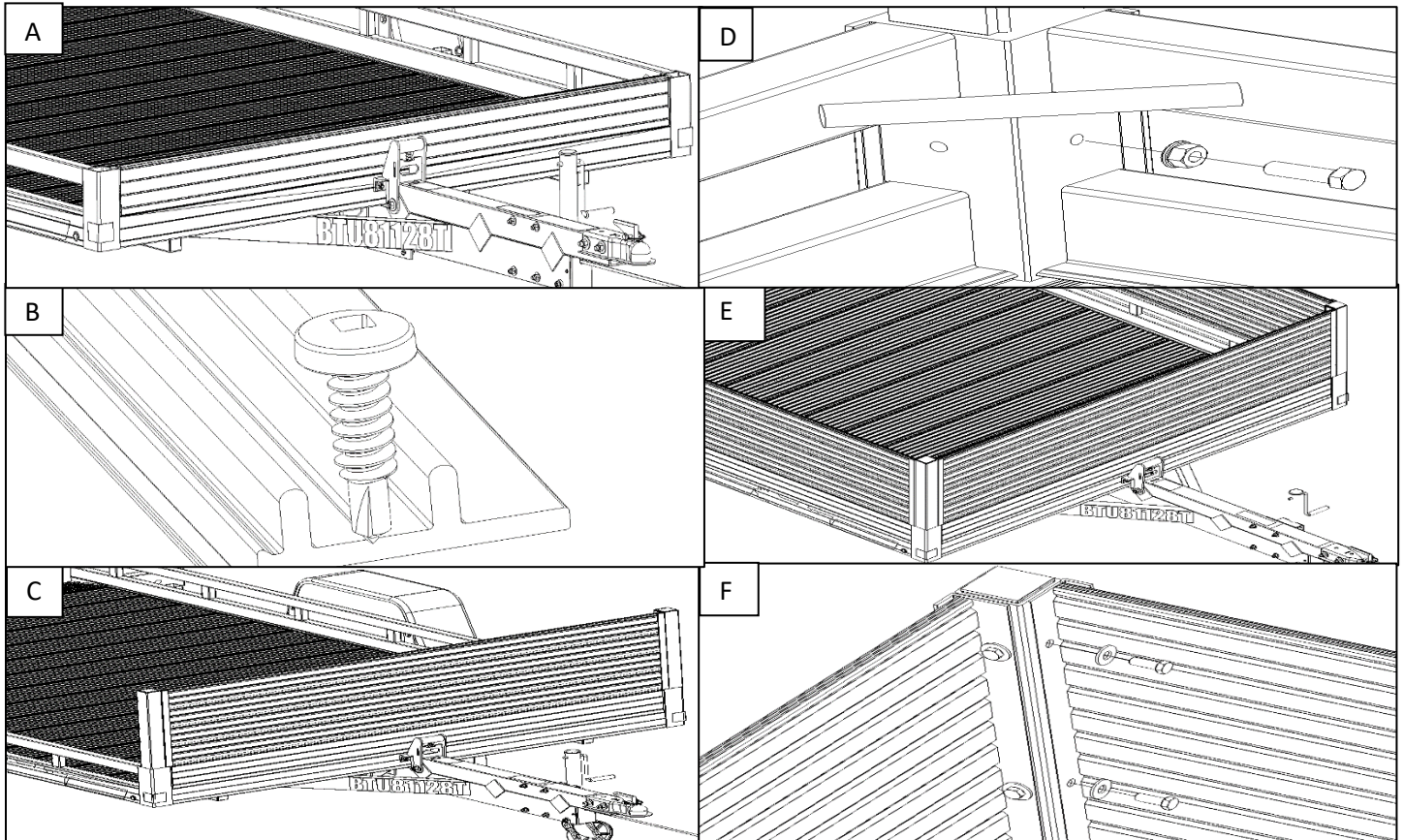
## Accessory Installation Instructions

# Tilt Utility Trailers

# Installation Instructions

## Tilt Utility Trailers

### Rock Guard

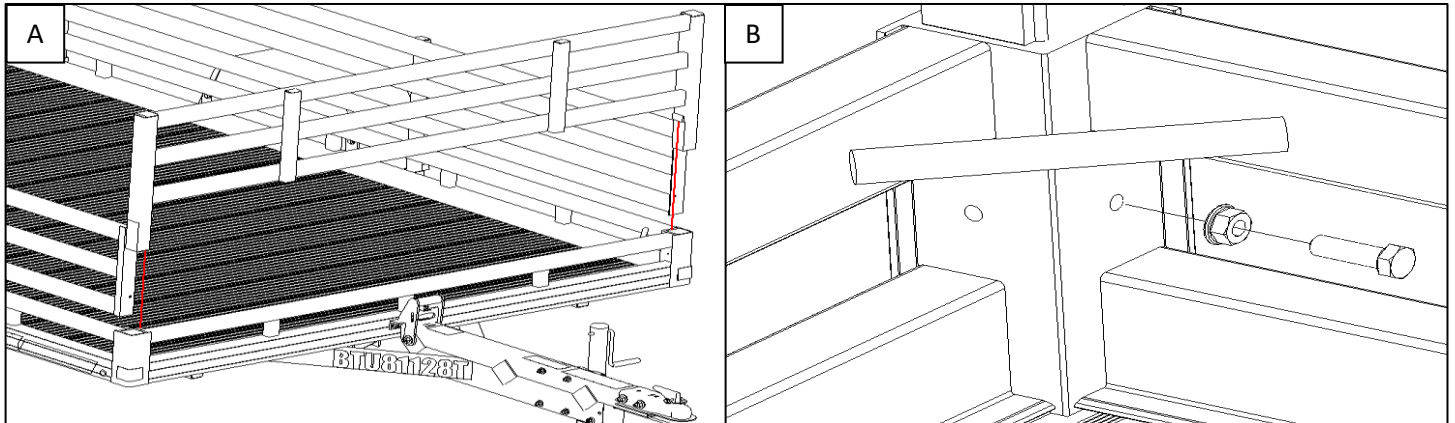


1. Position the front fascia over the front rail of the trailer and center width wise as seen in Figure A. Screw the front fascia piece in place to the top rail using the self-tapping screws every 6 inches. (Figure B)
  2. Insert the rock guard's stakes into the front corner pockets (Figure C) and, using 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

## Tilt Utility Trailers

### Open Front



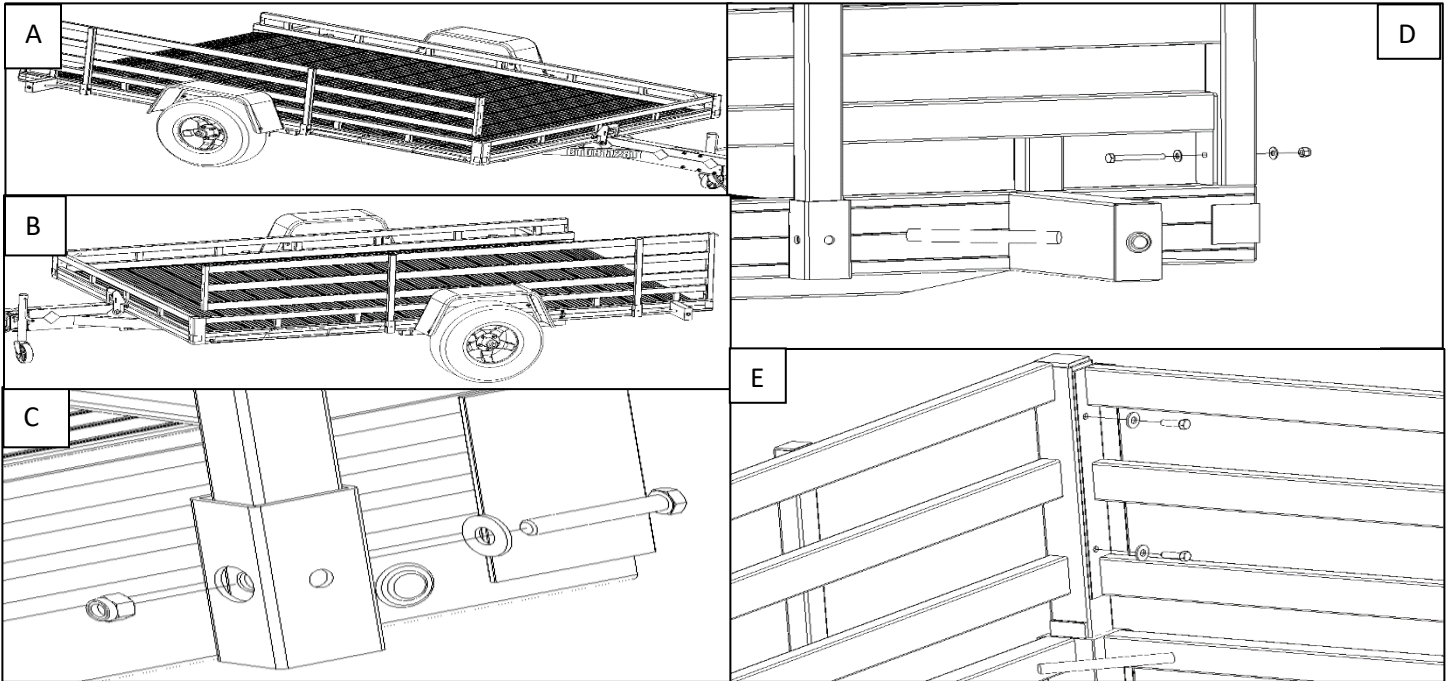
1. Place the front panel's stakes in the front stake pockets as seen in Figure A.
2. Bolt into place using the 3/8" x 1 1/4" bolt configuration shown in Figure B.
3. Tighten the bolts. Do not crush the extrusions while tightening the hardware.

**Note:** Proceed to Tilt Utility Trailers-Side Kits installation instructions if also assembling a side kit.

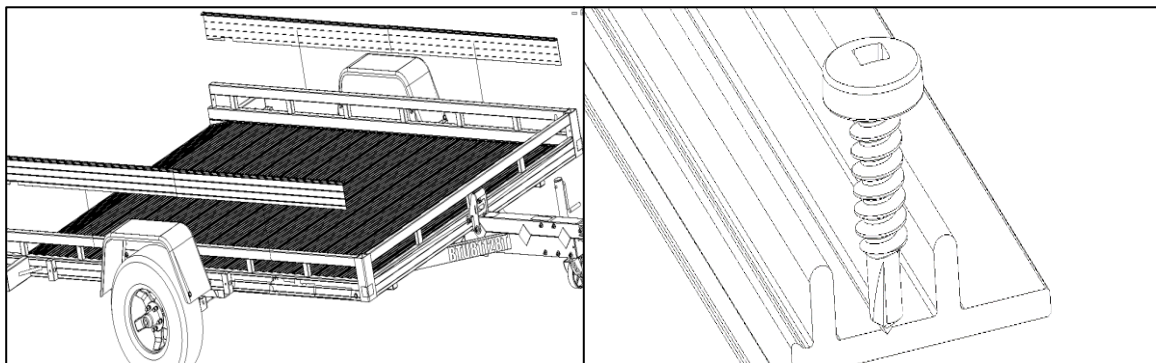
# Installation Instructions

## Tilt Utility Trailers

### Side Kits



**\*\*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)**



**\*\*If the trailer will also have an open front, see Tilt Utility Trailers-Open Front installation instructions prior to proceeding to step 1.**

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.

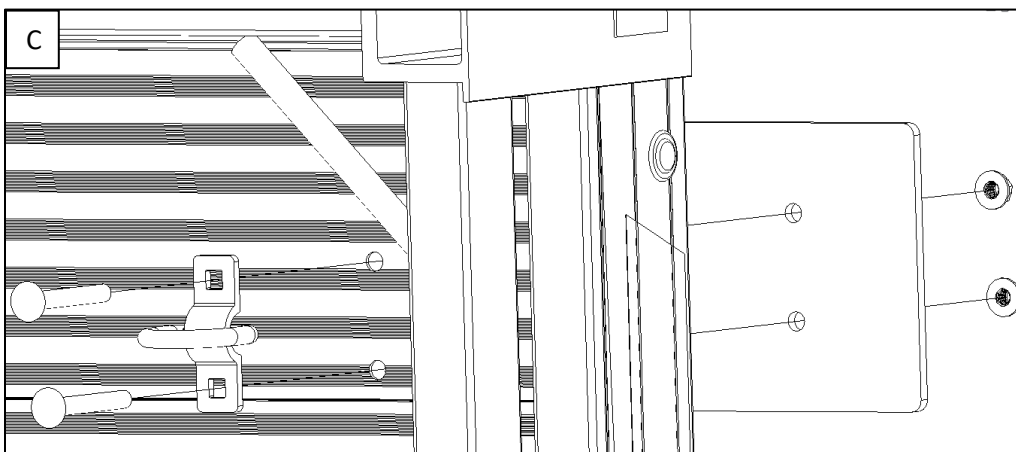
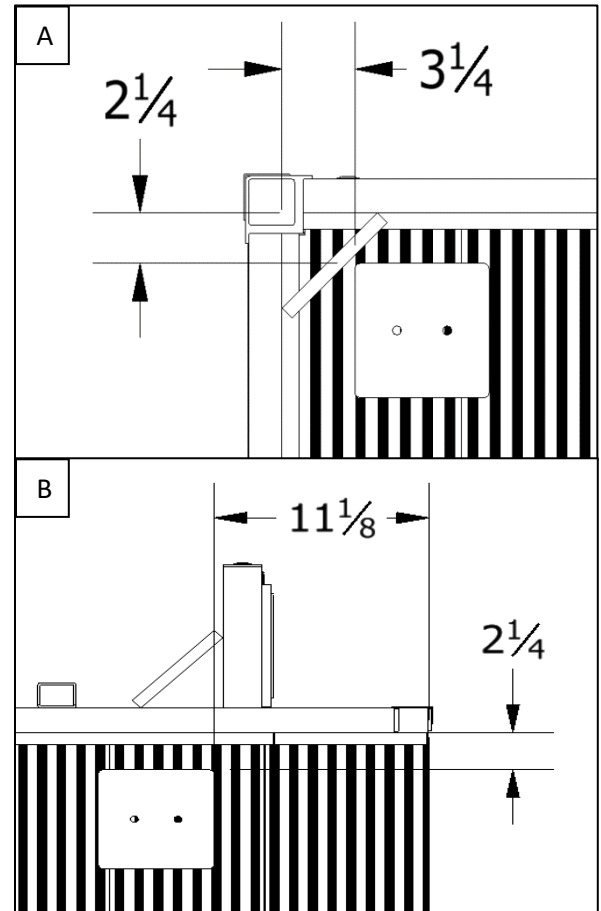
2. Identify the driver's side panel of the side kit (Figure B) and place on the trailer by inserting the stakes into the stake pockets. Align the holes in the stake with those of the stake pocket and install the 3/8" x 2 1/2" bolts through these holes using the bolt configuration shown in Figure C, but do not tighten.
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 attaching to an open front panel)* Once the sides are in place but not fastened, bolt into place using the 3/8" x 1" bolt configuration shown in Figure E. Tighten the bolts.
5. Tighten the bolts of the side kit until secured. Do not crush the extrusions while tightening the hardware.

# Installation Instructions

## Tilt Utility Trailers

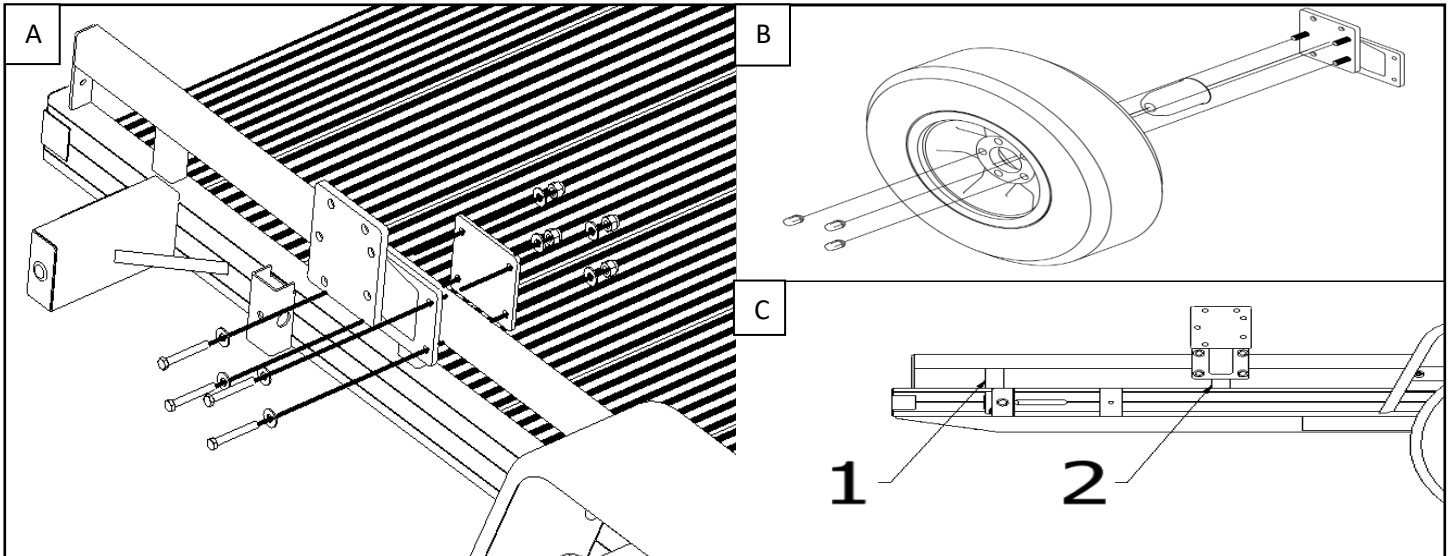
### D-Ring Tie Downs

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  $3\frac{1}{4}$ " from the inside of the front rail and  $2\frac{1}{4}$ " from the side rail 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  $2\frac{1}{4}$ " from the inside of the side rail and  $11\frac{1}{8}$ " from the rear end of the trailer as shown in Figure B.
2. Hold the bracket in place and drill one of the two  $\frac{3}{8}$ " pilot holes through the bed of the trailer, using a hole in the bracket as a template. Place one of the two  $\frac{3}{8}$ " x 3" carriage bolts through the drilled hole. Ensure the bracket is still aligned properly and drill the other  $\frac{3}{8}$ " 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 decking while tightening the hardware.



# Installation Instructions

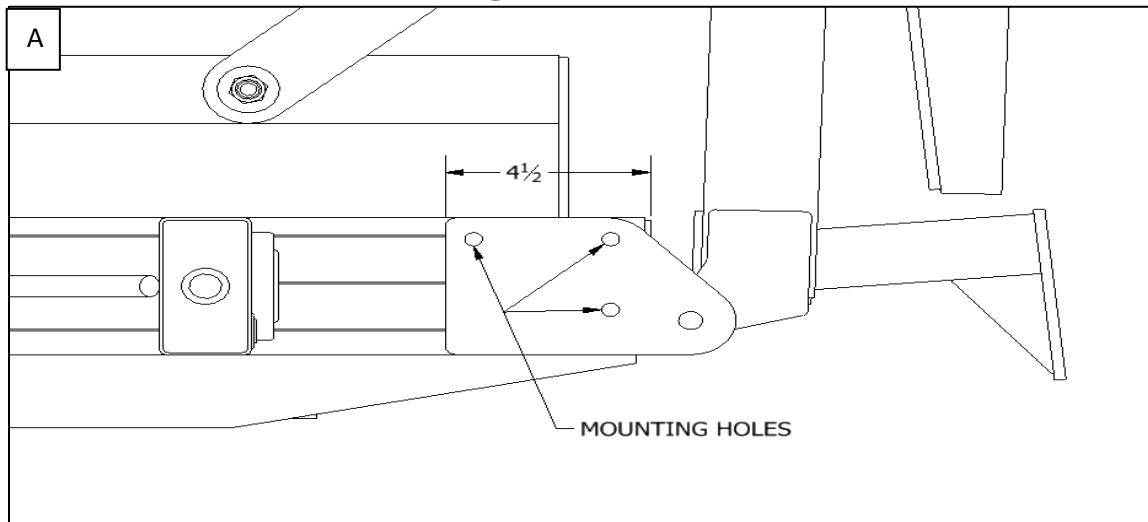
## Tilt Utility Trailers Spare Tire Mount-Side Rail



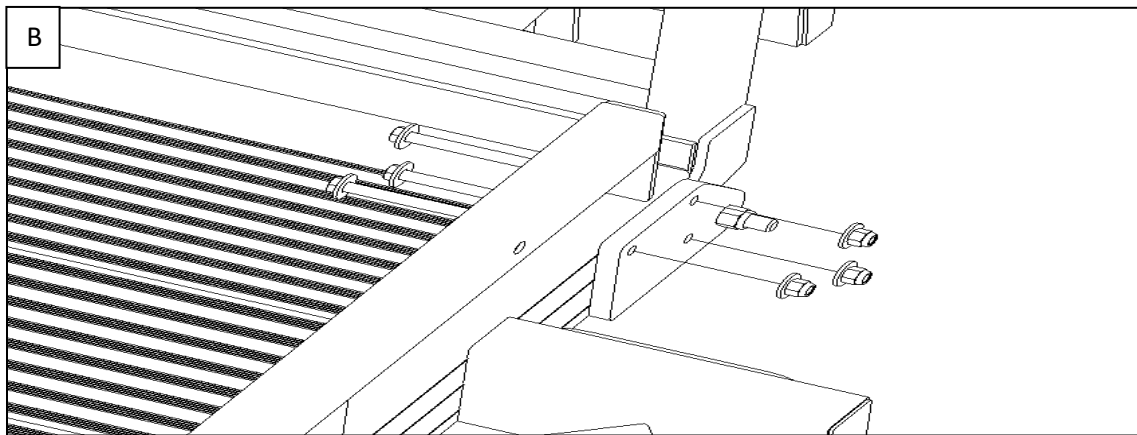
1. Before placing the spare tire mount or backer plate on the trailer, the two pieces will be joined together. Using the bolt configuration shown in image A. Place bolts (3/8" x 3") through the top 2 holes on both the tire mounting bracket and the back plate. Tighten the nuts so the back plate will not 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, behind the fender, place the joined unit over the side rail. It should be centered on the upright post of the side rail which is second from the rear of the trailer as shown in Figure C.
3. Using the bolt configuration in image A, 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 B).
  - 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

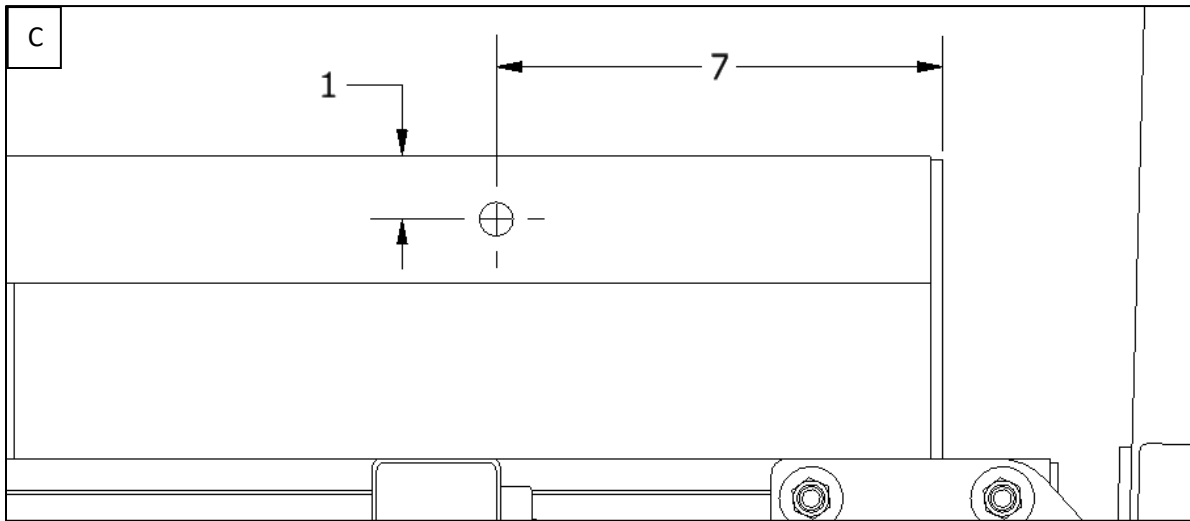
## 14' Tilt Utility Slingshot Ramp



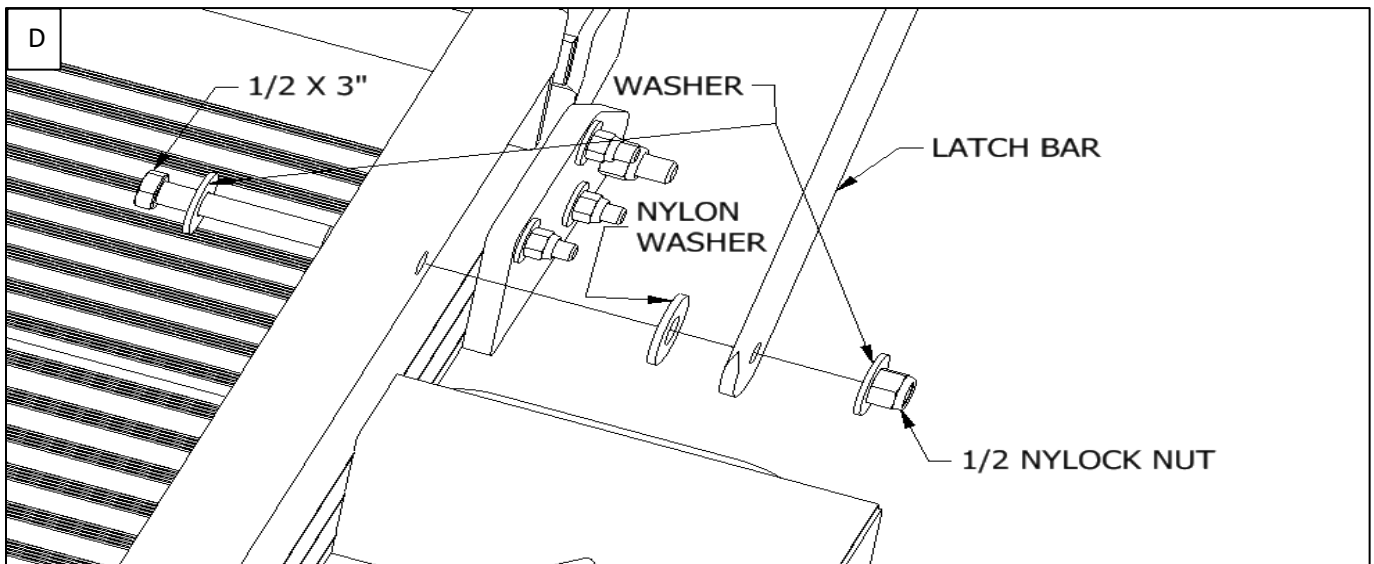
1. Place the mounting plate 4.5" from the back of the side rail and flush with the top of the rail (Figure A). Drill the three 3/8" mounting holes through the side rail (Figure A).
2. Repeat step one on the other side of the trailer.



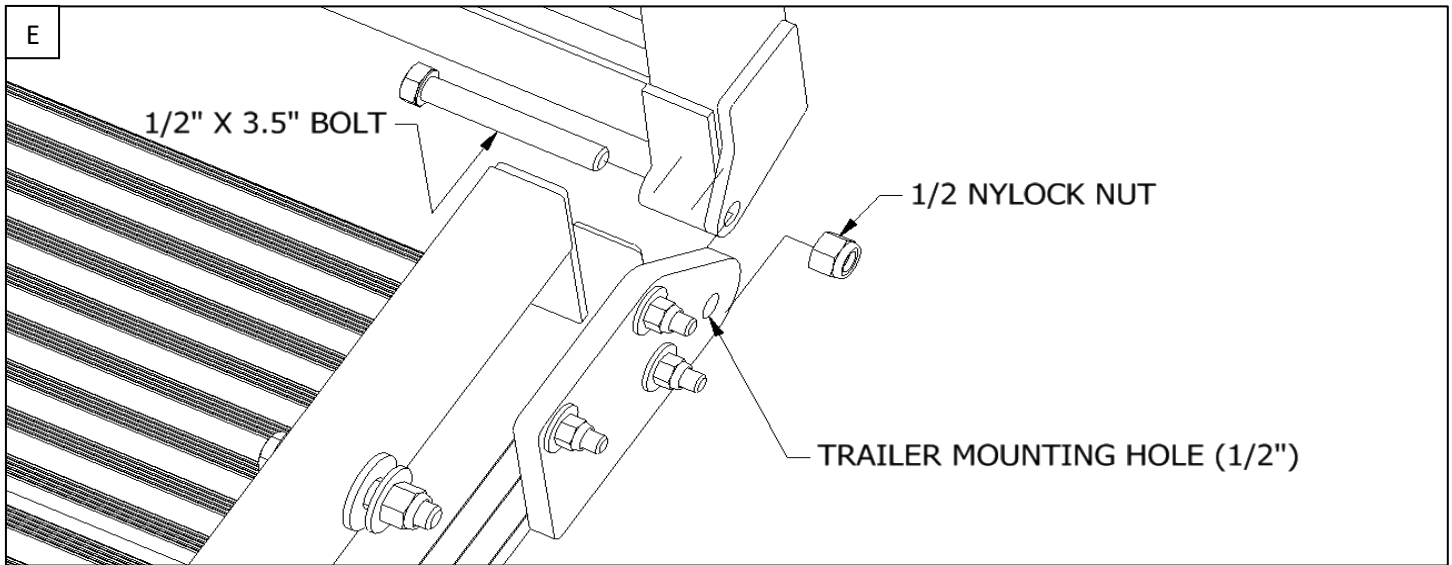
3. Place the three 3/8 X 3" bolts through the holes drilled in step one for both sides. Make sure the head of the bolts are on the inside of the trailer (Figure B).



4. For the latch bars, measure over from the end of the top rail 7" and down 1" (middle of tube), drill a 1/2" pilot hole for the 1/2 X 3" bolt on both sides of the trailer (Figure C).



5. Place the 1/2 X 3" bolt through the holes drilled in step four on both sides, shown in Figure D.



6. To bolt the ramp on the trailer, slide the ramp next to the trailer and lift each end up, bolting it to the inside of the bracket with the  $\frac{1}{2}$ " X 3.5" bolt with the head of the bolt facing the inside on both sides of the ramp (Figure E).
7. When tightening the  $\frac{1}{2}$ " X 3.5" bolt, do not over tighten the bolt squeezing the hinge and the mounting plate together. There should be about a  $\frac{1}{4}$ " gap in between the mounting plate and the ramp on both sides (Figure F).

