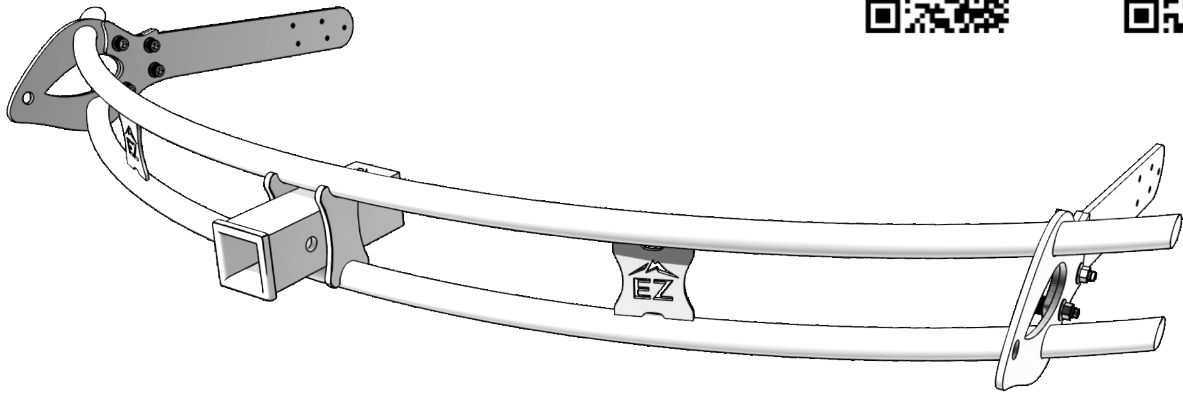


# EZ UTILITY BUMPER

BASECAMP 16  
INSTALL VIDEO



BASECAMP 20  
INSTALL VIDEO

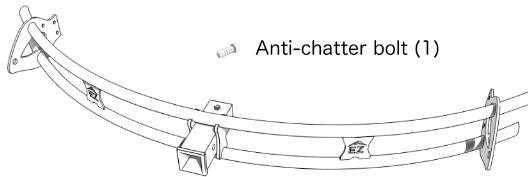


MADE BY EZRECREATIONALRACKS.COM  
FOR AIRSTREAM BASECAMP 16 AND 20

## WHAT'S IN THE BOX?

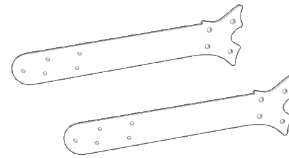
Make sure all the parts are accounted for. The package should include:

- Main Bumper Body (1)
- Bumper Arms (2)
- Paper templates
- Installation hardware (8 arm bolts, 16 arm washers, 8 arm nuts, 10 frame bolts)
- Anti-chatter bolt (1)

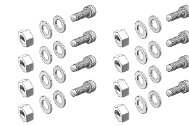


Anti-chatter bolt (1)

Main Bumper Body (1)



Bumper Arms (2)



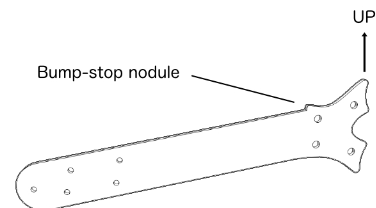
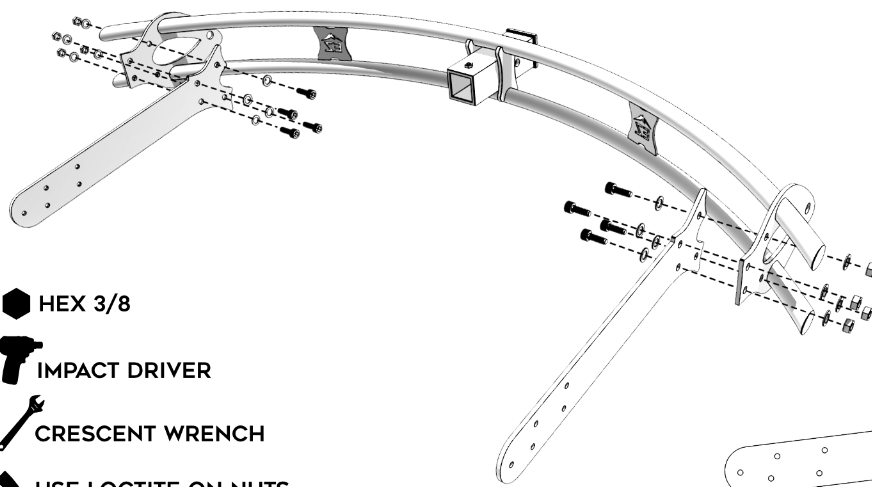
Arm Bolts, nuts, washers  
7/16in



Frame Bolts (10)  
5/16in

## BUMPER ASSEMBLY

Start by putting the main bumper body on a flat surface (floor). Make sure the bumper is right-side up : you should be able to read the EZ logo (mountain points up). One at a time, attach the bumper arms with the provided bolts and washers (use Loctite on nuts). Look for the bump-stop nodule on the arms to determine which side is up. The arms will only fit one way. The arms attach on the inside surface of the bumper receivers. As you can see on the side profile, the arms will angle down by design.



Bump-stop nodule

Side profile

HEX 3/8

IMPACT DRIVER

CRESCENT WRENCH

USE LOCTITE ON NUTS

# BUMPER INSTALLATION

FOR BASECAMP 16 : follow the instructions below.  
FOR BASECAMP 20 : turn to page 4

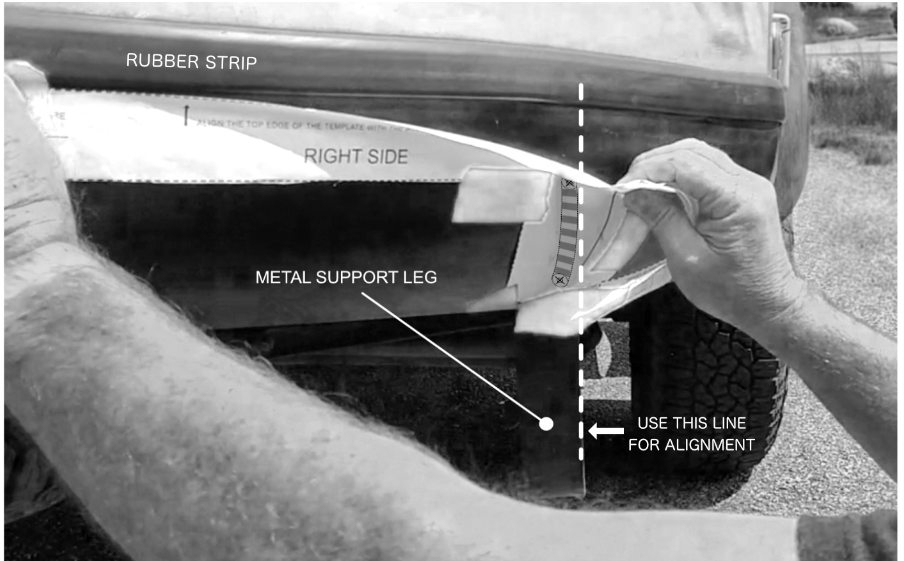
## PAPER TEMPLATE ALIGNMENT

Find the attached paper templates and cut them out along perforated lines. Align your templates using the outside edge of the metal support leg (for each side). The stripped cut-out area of the template should barely touch the line made by the outside edge of the metal support leg (as shown in the photograph below). Double check by taking a step back to ensure alignment is correct.



TAPE

1. Align your template using the outside edge of metal support leg as described above. The top of the template should also be lined up with the bottom of the rubber strip. After you're happy with the placement, secure the template in place using (painter's) tape.



DRILL 1/2IN

2. Start by drilling smaller pilot holes in the center of each circle. Using a 1/2" drill bit (or step bit), drill out the pilot holes to correct size. These holes mark the top and bottom of the opening through which the arm of the bumper will be inserted.



SAW

3. Using a hand saw (or power tool) cut the remaining plastic out, connecting the two holes. Stay within the stripped area.  
**NOTE:** Your opening should be just slightly to the inside of the line made by the outside edge of the metal support leg. You should be able to see the inside edge of your frame through the opening.

Follow the same steps for the other side.



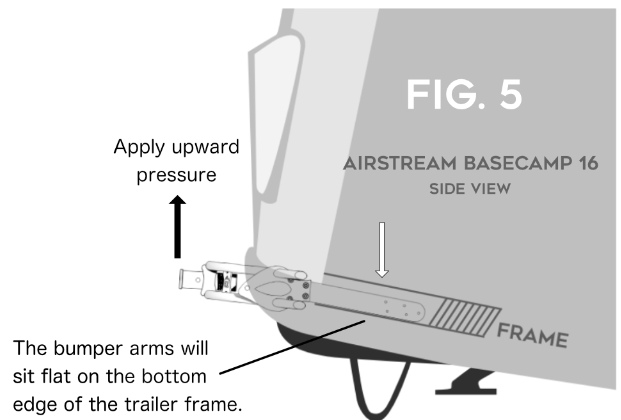
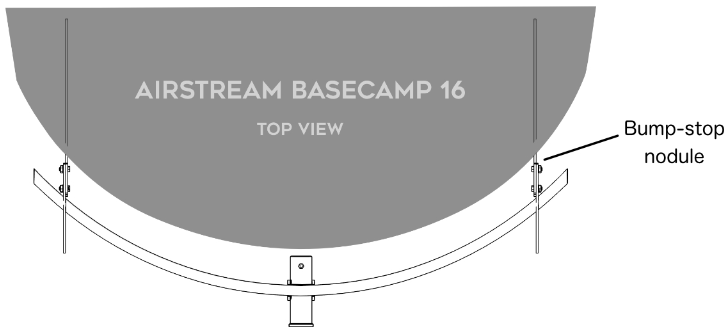
# BUMPER INSTALLATION

CONTINUED

4. Insert the assembled bumper into the freshly made openings (arms first). This action will require help from another person. Guide the two arms straight in at the same time. When the bump-stop nodules hit the plastic cowl you will know you've reached the desired depth.



IMPORTANT : Proper placement of the EZ Utility Bumper



## DRILL 9/32IN

5. After inserting the bumper, make sure the arms are sitting flat on the trailer frame (Fig.5) Have one person apply upward pressure on hitch receiver to ensure arms sit flat on the bottom edge of trailer frame. Use a 9/32" drill bit to create holes for the frame bolts. Use the holes in the arms as a guide.



## IMPACT DRIVER 1/2IN

6. After the pilot holes are drilled, line up the arms (while keeping an upward pressure on the hitch receiver) and drive the frame bolts in. These are 5/16" self-tapping bolts, ensuring secure fitment. Repeat these steps for the other side. After installation is completed, brush away metal shavings from the frame to prevent rust.



# BUMPER INSTALLATION

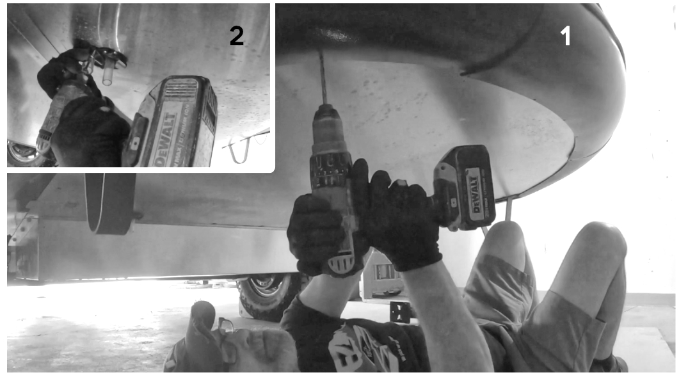
## BASECAMP 20

For Basecamp 20 (X) the installation directions are pretty much the same as for the Basecamp 16 ( page 2-3 ) with the exception of the extra steps of removing the belly pan (and leveling jacks) in order to get to the frame rails. You will also have to rivet the belly pan back on when finished (and reinstall the jacks).



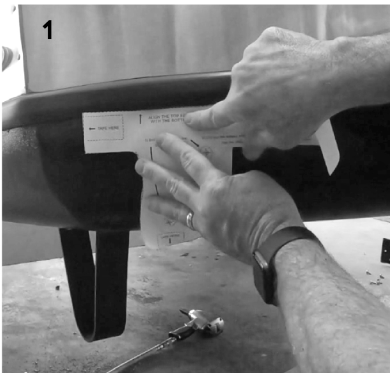
### STEP 1

Complete the bumper assembly first. Set it to the side. Start by removing the two leveling jack stands from the Airstream (3 bolts each). If a plastic leveling bolt spacer is present make sure to save it and reinstall it.



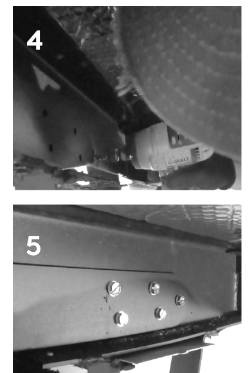
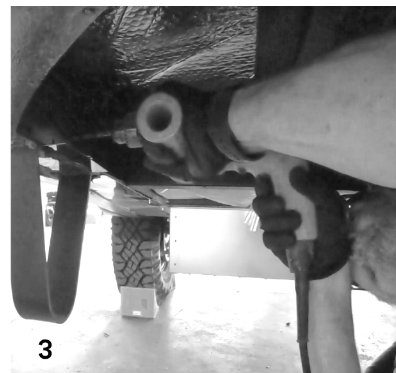
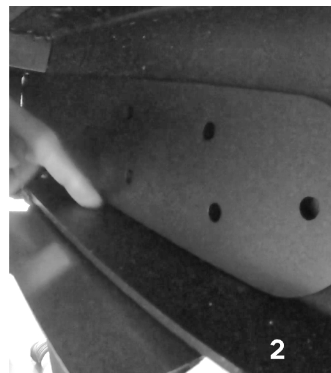
### STEP 2

(1) Drill out existing rivets. Remove all remaining bolts and metal screws holding the pan. Clean out any caulking. Some rivets can be hidden under the plastic cowl. (2) Remove the screws around the drain tubes (it will loosen them up). Work your way around the edges and remove the pan. Set it to the side.



### STEP 3

(1) Cut out and apply the templates. (2) You want to align the outside edge of the stripped area with the outside edge of the metal support leg. (3) Use a smaller drill bit to create pilot holes. (4) Step those up to 1/2 in (using a stepper bit). (5) Using a power (or hand) saw cut out the stripped area, creating the openings for the bumper's arms.



### STEP 4 (THIS PART OF THE PROCESS IS SAME AS THE STEPS FOR BASECAMP 16)

(1) Using two people slide the bumper evenly into the slots. Insert the bumper until the bump-stop nodules touch the plastic cowl. Apply upward pressure to the bumper in order to ensure it sits flat in the frame (2). While applying upward pressure use the holes in the arms to (3) drill the holes in the frame (9/32in bit). Use the provided self-tapping screws (use Loctite on those) to secure the arms to the frame (5). Repeat for the other side.

**THE LAST STEP** on Basecamp 20 is reinstalling and riveting the belly pan back on. Follow the original holes. If you want to use slightly larger rivets you might have to drill out the original holes a bit. You will also need a manual/air rivet tool in order to complete this step. After the belly pan is back on reinstall the two leveling jacks (3 bolts each).

# IMPORTANT TOW WEIGHT INFORMATION



- Our recommended weight limit for the EZ Utility Bumper is 150 lbs (68 kg).
- Whenever shifting loads to the rear, it is important to maintain a TW (Tongue Weight, also known as Hitch Weight) in the 10 to 15% range of the trailer weight. The owner is responsible to be aware of this ratio, and distribute the weight evenly throughout the trailer to ensure proper trailing.

## BASECAMP 16

Gross Vehicle Weight Rating

Net Carrying Capacity

Unit Base Weight

Airstream Travel Trailer	GVWR	NCC	UBW	Hitch Weight
Basecamp®	3,500	915	2,585	410
Basecamp® X	3,500	865	2,635	435

## BASECAMP 20

Gross Vehicle Weight Rating

Net Carrying Capacity

Unit Base Weight

Airstream Travel Trailer	GVWR	NCC	UBW	Hitch Weight
Basecamp®	4,300	900	3,400	500
Basecamp® X	4,300	800	3,500	535

- The EZ Utility Bumper has an universal hitch receiver (2x2 in). This will accommodate most accessories available on the market. Reducer sleeve can also be purchased to accommodate other sizes of attachments.
- Tighten the Anti-chatter bolt down to keep the inserted accessory from rattling (if the fitment is loose).

## THANK YOU FOR YOUR PURCHASE

ENJOY YOUR NEW ADVENTURE



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