

Power Tank Instructions

Power Tank BTS Bracket - BKT-2249

Thank you for purchasing a Power Tank BTS Bracket! This install requires only basic hand tools and a drill. Install should take less than an hour. Please read all instructions first, before beginning the install. The main instructions will show how to install the bracket with the hard top on. Following the main instructions, we show you how to adjust the bracket to be run topless.

What's included:

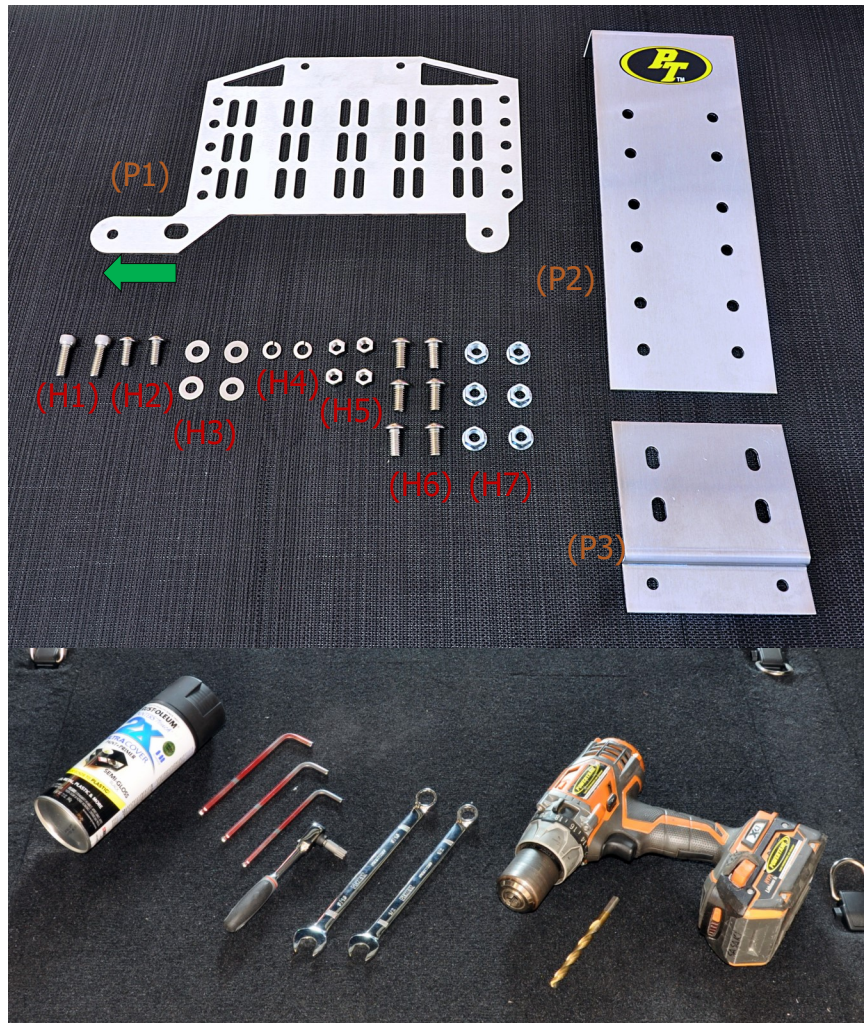
- (H1) 2x 5/16 x 1" allen head bolt
- (H2) 2x 5/16" x 3/4" button head bolt
- (H3) 4x 5/16" flat washer
- (H4) 2x 5/16" spring washer
- (H5) 4x 5/16" nut
- (H6) 6x 3/8" x 1/2" button head bolt
- (H7) 6x 3/8" nut
- (P1) 1x Top MOLLE Plate
- (P2) 1x Upper Side Plate
- (P3) 1x Lower Side Plate

You will need:

- T-50 Torx driver (JLU) or T-40 Torx driver (JKU) (included with Jeep tools)
- 9/16" wrench
- 1/2" wrench
- 5/16" drill bit with drill
- 3/16" allen wrench
- 7/32" allen wrench
- 1/4" allen wrench
- Spray Paint (Optional)
- Power Tank Super Bracket (sold separately)

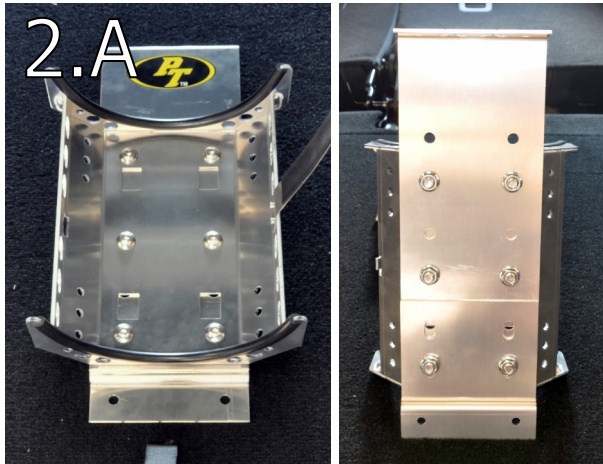
Step 1: Prep the jeep

- A. Decide if you'd like to mount your Power Tank on the driver or passenger side (If you have the factory JLU subwoofer, you will have to mount on the driver's side)
- B. Remove the (2) hard top bolts circled in blue on desired mounting side using your Jeep tool kit.

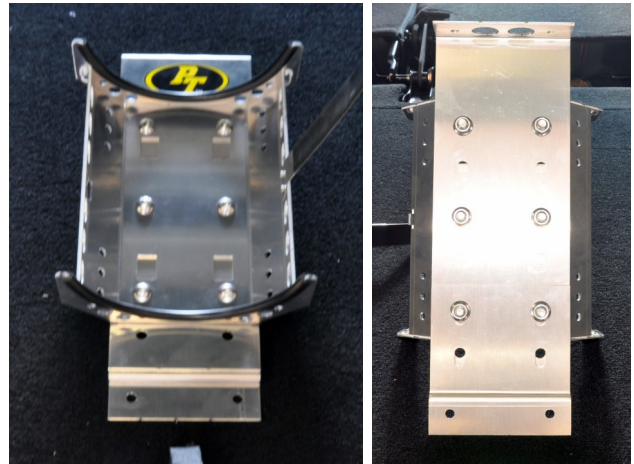


Step 2: Bracket assembly

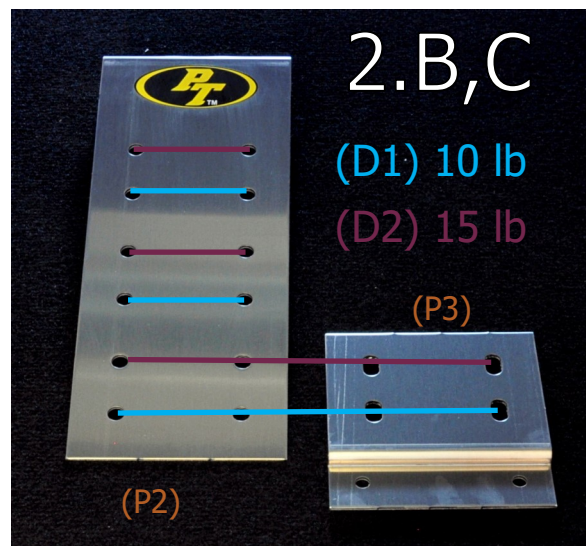
- A. Attach your Power Tank Super Bracket to the P2 & P3 side plates using (6) H6 3/8" bolts and (6) H7 3/8" nuts
- B. For 10 lb Power Tanks, mount using the lower six holes (D1)
- C. For 15 and 20 lb Power Tanks, mount using the upper six holes (D2)
- D. The P3 lower side plate attaches behind the P2 upper side plate. Slide it fully down in the extended position before tightening.



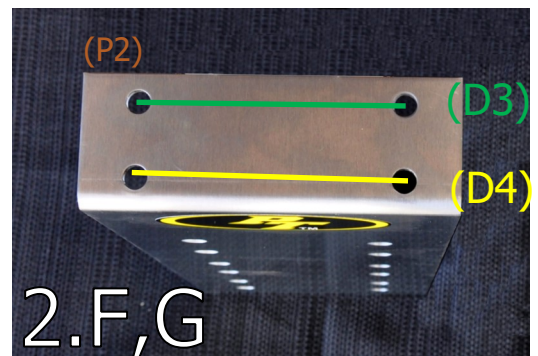
This is showing a 10 lb mount.



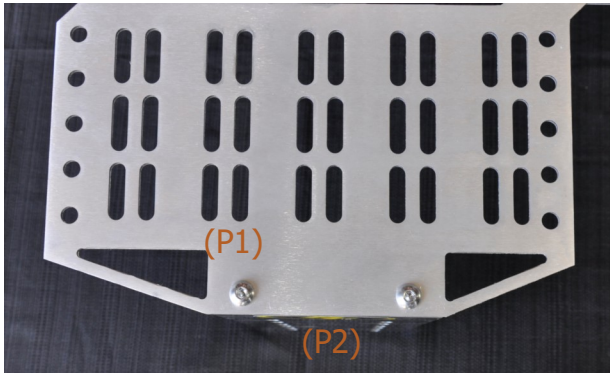
This is showing a 15 or 20 lb mount.



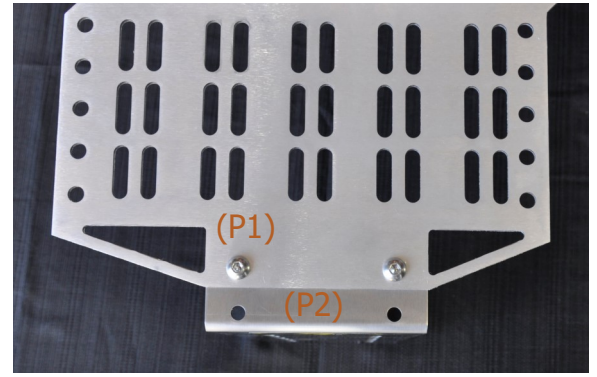
- E. Attach the P1 top plate on top of the P2 side plate using (2) H2 5/16" bolts, (2) H4 5/16" spring washers, and (2) H5 5/16" nuts.
- F. For JKUs, use the outer two holes (D3)
- G. For JLUs, use the inner two holes (D4)



2.E



This is showing the position for JLUs



This is showing the position for JKUs

- H. Pay attention to which direction the **P1** top plate is facing. Depending on which side you mount the Power Tank, the **P1** top plate should be "pointing" towards the front of your jeep. Refer to the green arrow in the first image of the first page of these instructions
- I. At this point, your **P3** lower side plate should be in its fully extended and lowest position. This factors in the added spacing from the hard top. When the hard top is not in use, the **P3** lower side plate will be shortened and the **P1** and **P2** plates will be in the lower position. For more detailed instructions on adjusting the bracket for use without the hard top, refer to page 5 of these instructions.



2.H,I

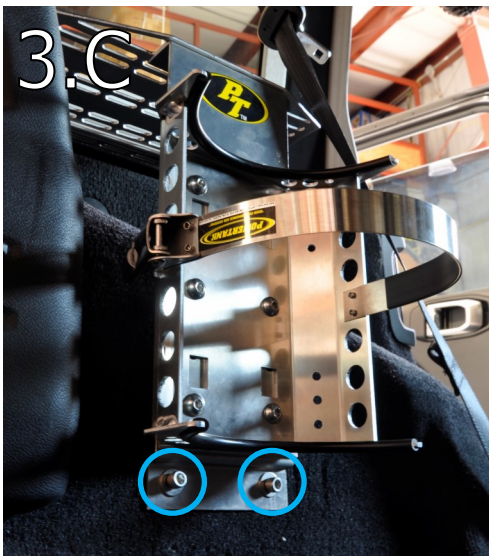
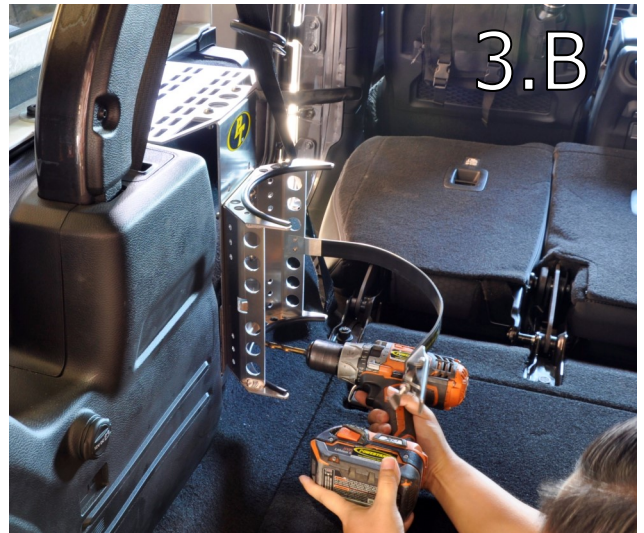
Driver Side



Passenger Side

Step 3: Mounting the bracket

- A. Line up the holes on the **P1** top plate with the stock hard top bolt locations and screw in the bolts. Tighten to manufacturer recommendation.
- B. With a 5/16 drill bit, drill holes all the way through your fender for the two bottom most holes on the **P3** lower side plate.
- C. Add one **H3** 5/16" washer to each **H2** 5/16" bolt and push the bolts through the holes made in step 3.B.
- D. Install the remaining **H3** 5/16" washers and **H5** 5/16" nuts from the outside fender well.



Step 4: Prepping the Super Bracket (for 10 lb Power Tank only, skip to step 5 if using a 15 or 20 lb Power Tank)

- A. If you are using a 10 lb Power Tank, remove the bottom rubber trim strip from your Super Bracket.
- B. Mount your bottle so that the bottom edge of the Super Bracket wraps around the tank boot and not the painted surface.

Step 5: Fitting your Power Tank

- A. If you are using a 15 or 20 lb Power Tank, the bracket sits higher and holds the tank towards the middle of the bottle with the tank resting on the floor. Keep both the upper and lower rubber trim strips on.
- B. Make sure to properly adjust your latch. It should be tight halfway through the swing when the latch is 90 degrees from the strap. Tighten the lock nut to keep the latch from shaking loose.



Step 6: Hiding the hardware (optional)

- A. Cut a hole roughly 1-1.5" in diameter out of a piece of cardboard that you will use to mask your fender.
- B. Hold the hole over the hardware that sticks out and spray paint over the hardware.



Finished!

- A. The P1 top plate has MOLLE cutouts to attach bags or other gear for easy access. The holes on the side allow you to strap gear down with bungee cords.



10 lb Power Tank



15 lb Power Tank



20 lb Power Tank

Adjusting bracket to run without hard top

If you remove the hard top, you must slide the bracket assembly down lower (contract it) to make up for the difference in height from removal of the hard top.

- A. Remove Power Tank from BTS bracket
- B. Remove hard top bolts according to manufacturer directions
- C. Of the (6) H5 3/8" bolts holding the Super Bracket in place, loosen the lowest two for easier clearance of the hard top (Do not fully remove bolts!)
- D. Pull the BTS bracket away from the body enough to clear hard top removal
- E. Remove hard top according to manufacturer directions
- F. Slide the P1 & P2 bracket assembly down into the lowest position on the P3 lower side plate
- G. Tighten the two bolts from step C
- H. Reinsert the two hard top bolts into their stock location to hold the P1 plate in place
- I. Mount your Power Tank into bracket