

Hey Folks,

Thanks for ordering the Transducer Sled. I have designed this so you can continuously adjust the height and angles of your transducer, replace transducers easily without the issue of putting even more holes in your hull, and quickly remove your transducer to keep it safe in ultra shallow water or undeveloped boat access areas. Only a snug fit of the knob is needed to hold the sled in place. Sometimes if the transducer does get hit the sled will rotate, possibly avoiding damage.

Install should be relatively easy with any experience with common tools. The process below is how I recommend installing this mount. Any other installation or process is your responsibility.

I have refined and adjusted this design to be as durable and user friendly as I could. If you have an issue with this mount please feel free to contact me. I will try to help with whatever I can. Use of this mount is at your own risk. I am not responsible for any damage or loss.

** This mount does not guarantee you do not damage a transducer **



TOOLS NEEDED

- **Drill bits**
 - 11/64"** used for the 4 stainless screws that attach the mount to your transom
 - 15/64"** used for the recessed brad holes to mount your transducer to the sled
- **Screwdriver/drill**
 - #2 Phillips head** for the small stainless screws
 - #3 Phillips head** (driver included for convenience) used on 4 large stainless screws
- **Thread Locker**
 - Blue or Red** used on all the small screws
- **Marine Adhesive**
 - 3m 5200** this can be purchased in small tubes in black or white. Use it to seal any old holes in your transom and to seal around the new mounting screws to keep water out of your transom.
- **Other Tools**
 - Measuring tape, Level, Blue Painters Tape, Pencil.



Transducer to Sled Install Instructions

- The sled should be large enough so you can use your factory transducer mount and install it so that the factory mount completely falls within the recessed footprint on the sled. I would also install it as low as possible on the sled.
1. Hold your factory mount in place on the transducer sled. Locate where you will drill two holes for mounting.
 - a. There is a recess in the back of the sled that the brad hole nuts will set into. Just like the ones on the back of the mount, for example.
 2. Drill out both holes with a 15/64 bit.
 3. From the back of the sled press in a brad hole nut into each hole. Should be a tight fit.
 4. From the front of the sled place a drop of thread locker blue into each brad hole thread.
 5. Mount factory mount to the sled with supplied brad hole screws.

Cable Tether

1. One Loop of the cable tether goes around the Knob shaft.
2. The other end gets zip-tied to your transducer or to the factory mount.

Complete

Mount to Transom Install Instructions

1. Locate location on your transom.
 - a. Follow the MANUFACTURER'S instructions of your selected electronics for placement. The center of the track should fall in line with their recommendation.
 - b. I suggest aligning the bottom of the mount as close to the bottom of the hull, while still being completely on the transom.
 - c. Check that the rotation of the motor will not contact the transducer once it is fully installed.
 - d. Use a level, to level the transom, and then use the level to plumb the mount vertically.
 - i. Mark this position with tape or a pencil.
2. Stick mount to transom **(take your time with this step)**
 - a. There are two pieces of very sticky 3M tape on the back of the mount. First clean any dirt, dust, or debris from the area you will install this mount. Then carefully remove the thin paper covering the tape, and stick the mount to the transom in its final position.
3. Drill holes for mount
 - a. With the mount stuck to the transom, use the 11/64 drill bit and, using the mount as a guide, drill out the holes. You might want to start small and step up drill bit size until the hole is complete. **(Again, take your time with this step!!!)**

- b. Remove the mount from the transom and remove all the tape. Might take a little effort!
 - c. Apply the 3M 5200FS adhesive around the new holes or around the perimeter of the back of the mount.
 - i. The 3M 5200FS will seal out water from getting into your transom.
 - ii. Fill in and seal any old holes in the transom.
 - d. Install mount to the transom with 4 screws.
- *Complete*

Sled to Mount Install Instructions

1. Assemble sled bolt and knob
 - a. First to go on the t-bolt is the sled, then the washer, knob and finally the acorn nut. The head of the t-bolt will slide into the mount from the top.
 - b. A snug tightening of the knob is all that is needed. Play around with it to get a feel for it.
- *Complete*

Care and maintenance – occasionally use a lubricant on the sled bolt to avoid corrosion between the knob and bolt threads.

Additional Notes

Once everything is installed you will have to set the transducer to the position and height the manufacturer recommends.

DO NOT OPERATE THE boat with the transducer lower than the bottom of the hull!! Sliding the sled down to the point where more than just the bottom of the transducer is skimming the water on plane is greatly increasing your risk of damage!

When you get things dialed in you can take a black sharpie and trace the outline of the sled so it can be put back in the exact place when it gets moved. On the black colored ones you will have to be creative. Maybe score a line around the perimeter to leave a light scratch in the plastic.

Leave some play in your transducer cord. Allow for enough to fully slide your sled from top to bottom. Take some care to come up with what works for you to keep the cord from snagging on anything you might not want it to.

One of the benefits of this mount is the adjustability of it. I would guess that 99% of other transducer installs do not have this flexibility!

One way to limit damage to your transducer is to move it high on the mount when you will be operating or fishing super shallow water. The only reason it needs to be in-line with the bottom of the boat is to get a reading while on plane...

Or remove it completely!

Thanks again, and please reach out if you have questions or comments!

Nick Anderson