

ActiveTarget® 2 Shaft Mount Installation Guide

⚠ WARNING: This product must be installed in accordance with the instructions provided. Failure to do so could result in personal injury, damage to your vessel and/or poor product performance.

⚠ WARNING: Performing service or maintenance without first disconnecting the battery can cause product damage, personal injury, or death due to fire, explosion, electrical shock, or unexpected motor starting. Always disconnect the battery cables from the battery before maintaining, servicing, installing, or removing motor components.

⚠ IMPORTANT: Tighten all fasteners by hand, not with an electric drill. Shoulder bolts should be tightened until the shoulder bolt bottoms out on the mating component. Overtightening could cause damage to the components. Do not use any type of thread locking compound, because it could degrade the quality of the plastic components and cause them to break.

Overview

This kit has fittings to mount an ActiveTarget® 2 transducer onto a trolling motor shaft or transducer pole.

→ **Note:** To learn about the different live sonar views, and how to connect your transducer, refer to the installation manual that came with your ActiveTarget® 2, or download a copy by scanning the QR code® above.

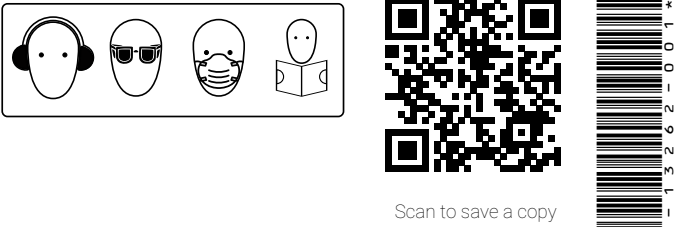
In the box

- 1x shaft clamp (preassembled for starboard installation)
- 1x arm
- 2x M6-1 x 8 shoulder bolts
- 2x guides
- 2x compression springs
- 4x shaft spacers (2 THIN, 2 THICK)
- 1x ActiveTarget® 2 adapter arm
- 1x M6 flat washer
- 1x M6-1 x 16 screw
- 1x T8 Torx® bit (to reassemble the shaft clamp for port)

Tools needed

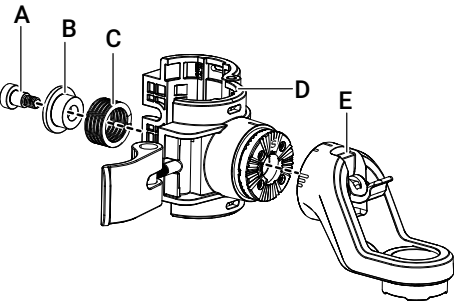
- 4 mm (5/32 in) Allen key
- 5 mm (3/16 in) Allen key

Disconnect the trolling motor power cable from the battery (or unplug the power cable if using a plug and receptacle).



Attach arm to shaft clamp

- 1 Fit a compression spring (C) and guide (B) into the recess on the inside of the shaft clamp (D). Install one of the M6-1 x 8 shoulder bolts (A) through the guide and spring, and use a 5 mm Allen key to tighten the shoulder bolt into the arm (E).

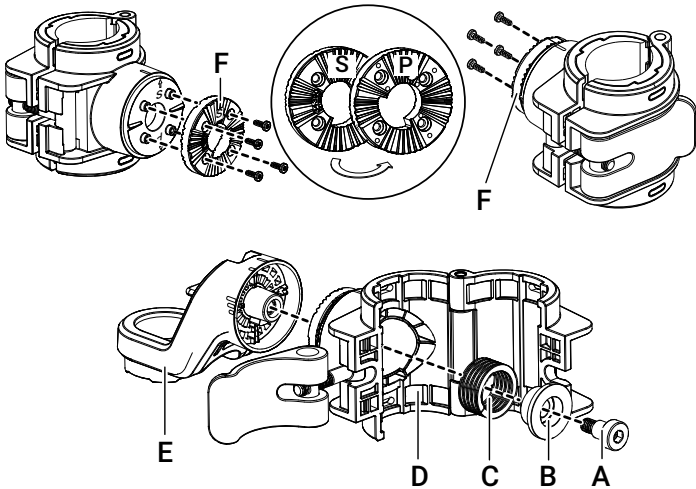


Optional: Reconfigure the shaft clamp for port installation

The shaft clamp is preassembled for a starboard installation. If you want to install the transducer on the port side of the trolling motor, reconfigure the shaft mount bracket as follows:

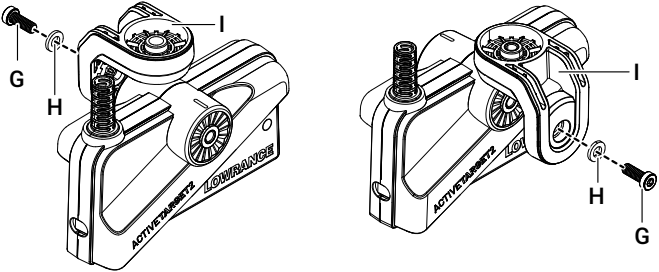
Use a T8 Torx® bit to remove the four screws securing the detent plate (F) onto the shaft clamp. Turn the detent plate over so P is facing outwards. Reinstall the detent plate onto the shaft clamp using the four screws.

Attach the arm to the port side of the reconfigured shaft clamp.



Attach adapter arm to transducer

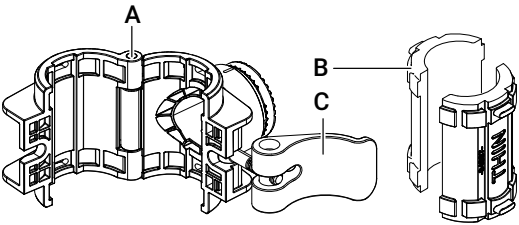
- 2 Use a 4 mm Allen key to tighten the M6-1 x 16 machine screw (G) through the washer (H), ActiveTarget® adapter arm (I), and into the side of the transducer.
- **Note:** Fit the adapter arm to the side of the transducer correct for your installation.



For installing transducer on the starboard side For installing transducer on the port side

Attach shaft mount bracket to trolling motor shaft

- **Note:** Deploying the trolling motor, if possible, may simplify the installation. Make sure the trolling motor shaft is clean and dry.
- 3 The pivot pin of the shaft clamp (A) should be positioned towards the nose cone of the trolling motor.
- 4 Make sure the shaft mount bracket fits the shaft securely. If needed, clip the molded spacers (B) into the inside of the shaft clamp to fit the shaft. Make fine adjustments to the fit of the shaft clamp by opening the shaft clamp locking lever (C) and screwing or unscrewing it to tighten or loosen the clamp.

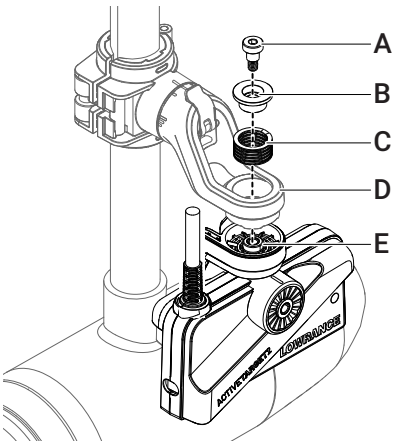


Recommended spacers

Ghost series trolling motors	2 thin spacers
Other round poles with diameter 29–33 mm (1.14–1.30 in) including Power-Pole® and Ultrex™	
Round poles or shafts with diameter 27–29 mm (1.07–1.14 in)	2 thick spacers
Ultrex™ Quest™	No spacers

Attach transducer to shaft mount bracket

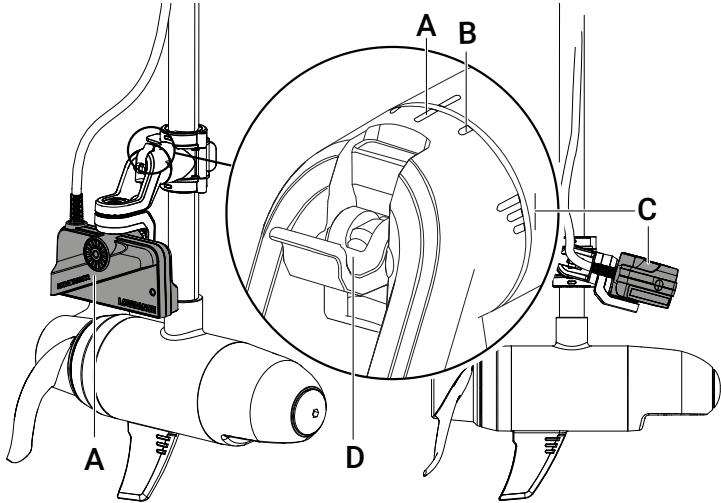
- 5 Use a 5 mm Allen key to tighten the second M6-1 x 8 shoulder bolt (A) through the guide (B), spring (C), the arm (D), and into the top of the ActiveTarget® 2 adapter arm (E) fitted on the transducer.



- 6 Connect the transducer cable to the ActiveTarget® 2 sonar module (not included).
- 7 Secure the transducer cable leaving enough slack in the cable so you can adjust the transducer to all possible views (Forward/Down/Scout). Also leave enough slack in the cable loop to ensure the motor shaft can spin all the way around without damaging the cable.
- **Note:** If installing on Lowrance® Ghost®, Ghost® X or any other trolling motor with an auto-stow alignment feature, program the proper stow direction so the transducer is positioned away from the boat to prevent damage when stowing.

Change transducer view

The ActiveTarget® 2 transducer views are Down (A), Forward (B), and three Scout views (C).



To move the transducer to different views, unlock the locking lever (D) on the arm. Rotate the whole arm (with transducer) so the bracket clicks into one of the five marked positions. If going from Down or Forward to a Scout view, hold the transducer firmly and rotate it (with adapter arm) onto its side. Close the locking lever.