GARMIN

PANOPTIX™ LIVESCOPE™ PERSPECTIVE MODE MOUNT INSTALLATION INSTRUCTIONS

Important Safety Information

⚠ WARNING

See the *Important Safety and Product Information* guide in the chartplotter product box for product warnings and other important information.

You are responsible for the safe and prudent operation of your vessel. Sonar is a tool that enhances your awareness of the water beneath your boat. It does not relieve you of the responsibility of observing the water around your boat as you navigate.

⚠ CAUTION

Failure to install and maintain this equipment in accordance with these instructions could result in damage or injury.

To obtain the best performance and to avoid damage to your boat, you must install the Garmin® device according to these instructions.

Read all installation instructions before proceeding with the installation. If you experience difficulty during the installation, go to support.garmin.com for more information.

Software Update

You must update the Garmin chartplotter and the LiveScope system software when you install this device.

If your chartplotter has Wi-Fi® technology, you should update the software using the ActiveCaptain® app on a compatible Android™ or Apple® device.

If your chartplotter does not have Wi-Fi technology, you should update the software using a memory card and a Windows® or Mac® computer.

For more information, refer to the chartlotter owner's manual.

Tools Needed

- Electrical tape (preferred) or cable ties
- Included hex wrench

Mounting Considerations

NOTICE

To avoid damage to the product and for proper function, you must use only the included hardware with this kit. The included shoulder bolt is 2 mm (1/16 in.) longer than the bolt that came with your LiveScope transducer. Mixing up the bolts may result in product failure.

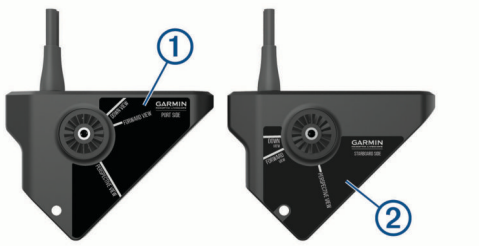
- You should mount the transducer where it will not interfere while stowing the trolling motor.
- You should mount the transducer so the center screw hole on the bracket faces the front of the trolling motor.
- You should use the included rubber insert on a 25 mm (1 in.) trolling motor shaft.
- You may mount your transducer on either the starboard side or the port side of your trolling motor shaft.
- You must select the extension arm and sticker based on how you stow your trolling motor. If you stow your trolling motor with the propeller to the starboard side, use the extension arm labeled "S" and sticker labeled STARBOARD SIDE. If you stow your trolling motor with the propeller to the port side, use the extension arm labeled "P" and the sticker labeled PORT SIDE.
- After installation, you can set the transducer to the desired viewing mode (*Setting the Viewing Mode*, page 2).

Refer to the transducer instructions for more information about mounting and securing the transducer cable after installation.

Installing the Transducer on a Trolling Motor Shaft

Applying the Transducer Sticker

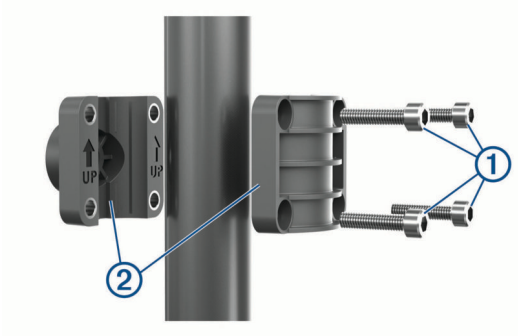
1. Choose one of the included stickers (*Mounting Considerations*, page 1):
   - If you stow your trolling motor with the propeller to the port side, use the sticker labeled PORT SIDE.
   - If you stow your trolling motor with the propeller to the starboard side, use the sticker labeled STARBOARD SIDE.
2. Remove the sticker backing.
3. Apply the sticker to the transducer:
   - If you are applying the PORT SIDE sticker, align the top of the sticker with the top of the transducer ①.
   - If you are applying the STARBOARD SIDE sticker, align the bottom angle of the sticker with the bottom angle of the transducer ②.



Installing the Shaft Bracket on the Trolling Motor Shaft

1. If the trolling motor shaft diameter is 25 mm (1 in.), use the included rubber insert.
2. Position the bracket on the shaft so the arrows point up.

   The bracket should be aligned so the center screw hole faces the front of the trolling motor.
3. Select an option to align either the "P" or "S" notch on the bracket with the center of the trolling motor:
   - If you stow your motor with the propeller to the port side, align the center of the trolling motor shaft with the "P" notch.
   - If you stow your motor with the propeller to the starboard side, align the center of the trolling motor shaft with the "S" notch.
4. Use the included hex wrench and the M6 screws ① to attach the two halves ② of the bracket around the trolling motor shaft.



Attaching the Extension Arm to the Transducer

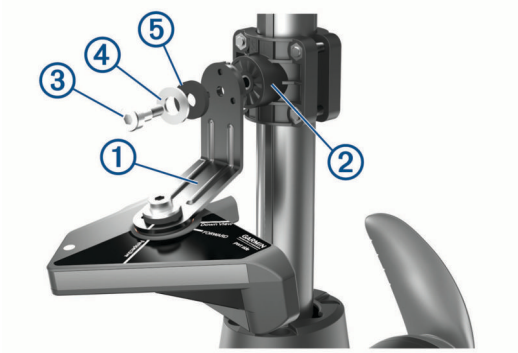
1 Using the included hex wrench, attach the transducer to the long side of the extension arm ① using the shoulder screw ②, flat washer ③, and rubber washer ④.

2 Fully tighten the shoulder screw to secure the extension arm to the transducer.

The recommended torque applied to the shoulder screw is 2.5 lbf-ft. (3.4 N-m).

Attaching the Transducer to the Shaft Bracket

1 Using the included hex wrench, attach the shorter part of the extension arm ① to the shaft bracket ② using the shoulder screw ③, flat washer ④, and rubber washer ⑤.



2 Fully tighten the shoulder screw to secure the extension arm to the shaft bracket.

The recommended torque applied to the shoulder screw is 2.5 lbf-ft. (3.4 N-m).

The angle of the extension arm and transducer depends on your desired view (*Setting the Viewing Mode*, page 2).

3 Secure the transducer cable to the shaft or to another secure location.

A service loop in the transducer cable is required for optimal operation.

NOTICE

If necessary, route the cable around the back of the shaft to avoid bending the cable too tightly.

See the transducer installation instructions for more information about securing the cable.

Verifying the Shaft Bracket Alignment

For best results, after installation you should verify that the shaft bracket is aligned properly.

1 With the trolling motor in the stowed position, adjust the transducer to the Down/Forward view (*Setting the Viewing Mode*, page 2).

2 While looking down the shaft toward the trolling motor, verify that the side of the transducer is parallel to the side of the motor.

3 If adjustment is required, loosen the screws on the shaft bracket, rotate the bracket, and tighten the screws.

Setting the Viewing Mode

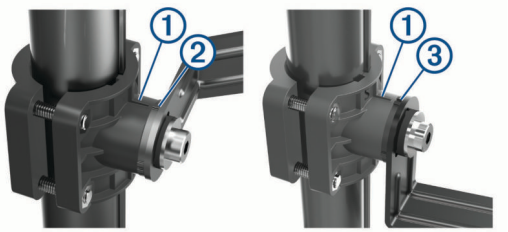
After installation, you should adjust the position of the transducer to the desired viewing mode (*Viewing Modes*, page 2).

1 Set the transducer orientation:

- From the GPSMAP® chartplotter, select **Sonar** > **LiveScope** > **Menu** > **Sonar Setup** > **Installation** > **Orientation** > **Auto**.
- From the ECHOMAP™ chartplotter, select **Panoptix** > **LiveScope** > **Menu** > **Sonar Setup** > **Installation** > **Orientation** > **Auto**.

2 Adjust the short side of the extension arm based on the viewing angle:

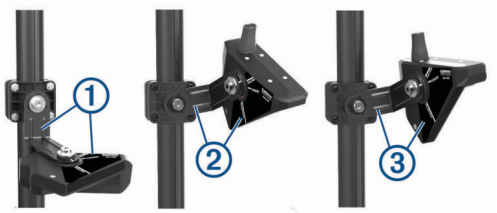
- For the Down and Forward views, swing the extension arm to the side of the shaft, perpendicular to the shaft, aligning the center mark ① on the shaft bracket with the single indicator ridge ② on the extension arm.



- For the Perspective view, swing the arm down, parallel to the shaft, aligning the center mark ① on the shaft bracket with the double indicator ridges ③ on the extension arm.

3 Rotate the transducer to align the indicator stripe on the extension arm with the desired viewing mode indicated on the sticker.

Viewing Modes



①	Perspective view
②	Down view
③	Forward view

Specifications

Recommended depth[1]	≤ 6 m (20 ft.)
Maximum range	61 m (200 ft.)

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[1] Dependent upon water salinity, bottom type, and other water conditions.

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