GARMIN®

LIVESCOPE™ PLUS ICE FISHING TRANSDUCER 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.

Tools Needed

- Electrical tape (preferred) or cable ties
- Phillips screwdriver (if assembling an optional Garmin ice fishing pole mount)

CE

Installing the Transducer on an Ice Fishing Pole

⚠ CAUTION

Keep the transducer cable secure. Failure to do so could create a trip and fall hazard, which could result in personal injury.

NOTICE

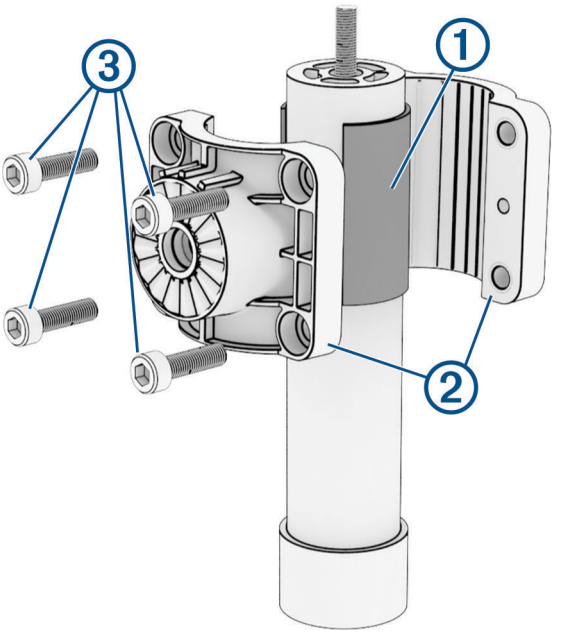
You can use electrical tape or cable ties to secure the transducer cable. If you use cable ties, do not over-tighten them. Over-tightening cable ties can damage the cable and cause transducer failure.

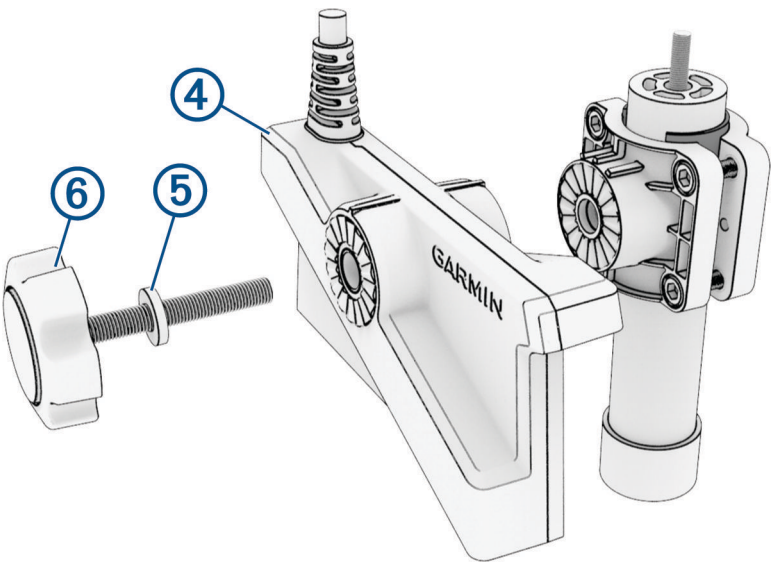
NOTE: If you do not plan to change the viewing mode of the transducer often or prefer a lower-profile installation without the adjustment knob, you can use the included low-profile hardware (*Installing the Transducer Using Low-Profile Mounting Hardware*, page 3).

TIP: The top of the transducer must be below the bottom of the ice for best performance.

To install the transducer on an ice fishing pole (not included), you can use the included hardware and hex wrench.

1. If the pole is equal to or less than 25 mm (1 in.) in diameter, wrap the rubber liner ① around the pole at the mounting location.
2. Place the halves of the shaft-mount bracket ② around the pole or pole with rubber liner at the mounting location.
3. Insert the screws ③ into the shaft mount bracket, and secure them using the hex wrench.
4. Place the transducer ④ against the shaft-mount bracket, and secure it using the neoprene washer ⑤ and knob ⑥.
5. Secure the transducer cable to the pole or other secure location, and route the cable to the GLS™ 10 sonar module.



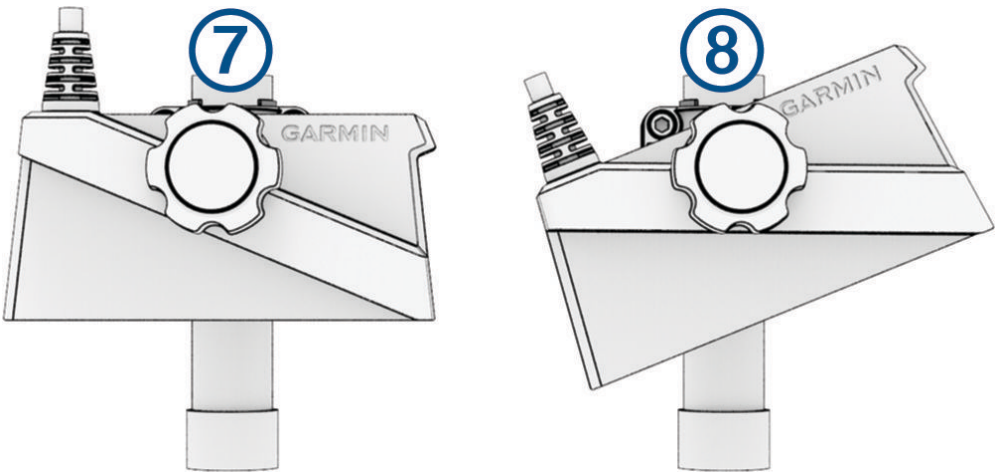


6 Connect the transducer cable to the XDCR port on the GLS 10 sonar module.

TIP: To reduce electromagnetic interference, snap the ferrite bead (if included) onto the transducer cable near the connector to the GLS 10 sonar module.

7 Position the transducer for the desired view.

TIP: Turn the transducer one click to change the orientation from down ⑦ to forward ⑧.

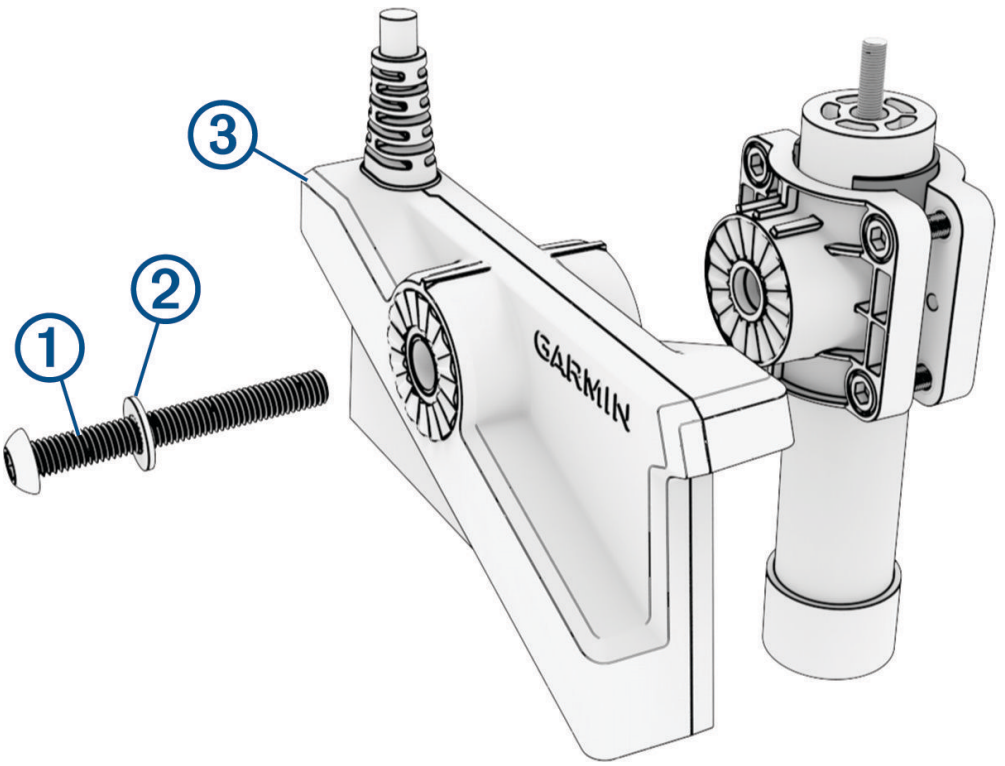


Installing the Transducer Using Low-Profile Mounting Hardware

If you do not plan to change the viewing mode of the transducer often, or prefer a lower-profile installation without the adjustment knob, you can use the included low-profile hardware.

1 Install the mounting bracket but do not use the included adjustment knob (*Installing the Transducer on an Ice Fishing Pole*, page 2).

2 Instead of using the knob, use the low-profile screw ① and metal washer ② to secure the transducer ③ to the mounting bracket.



3 Adjust the view of the transducer and tighten the low-profile screw using the included hex wrench.

Specifications

LVS34 Specifications

Dimensions (L x H x W)	161.7 x 77.5 x 47.8 mm (6.37 x 3.05 x 1.88 in.)
Weight (transducer only)	1018 g (2.25 lb.)
Frequencies	From 530 to 1,100 kHz
Operating temperature	From -10° to 40°C (from 14° to 104°F)
Storage temperature	From -40° to 85°C (from -40° to 185°F)
Maximum depth/distance[1]	61 m (200 ft.)
Field of view	Front to back: 135 degrees Side-to-side: 20 degrees

Open-Source Software License

To view the open-source software license(s) used in this product, go to developer.garmin.com/open-source/linux/.

Cleaning the Transducer

Aquatic fouling accumulates quickly and can reduce your device's performance.

1. Remove the fouling with a soft cloth and mild detergent.
2. Wipe the device dry.

M/N: B04391

Garmin Corporation

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