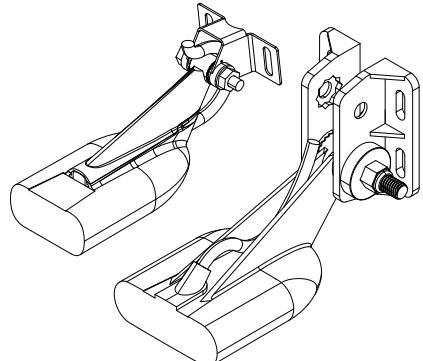


LOWRANCE®

SKIMMER TRANSDUCER INSTALLATION GUIDE

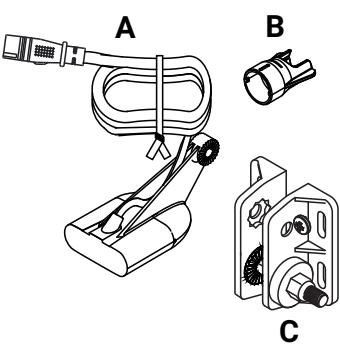
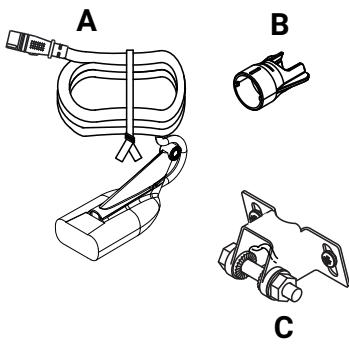


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In the box

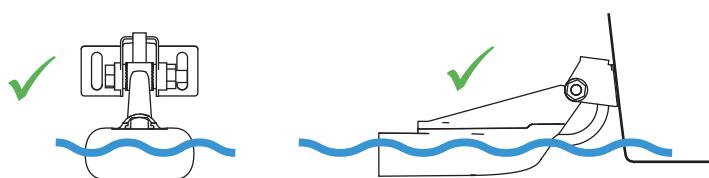
Mid/high Skimmer

Low/high Skimmer

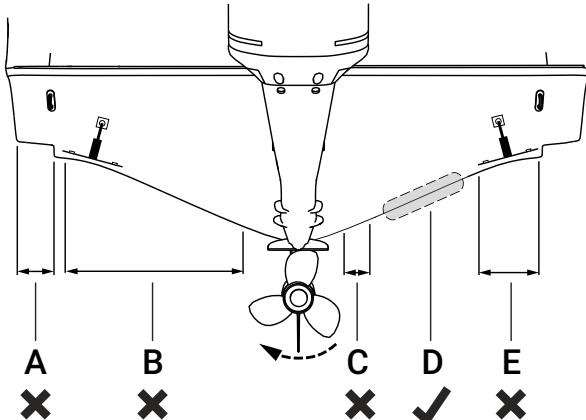


- A** Transducer with cable
- B** Cable lock collar
- C** Transom mounting kit

Transom mount guidelines



→ **Note:** Mount the transducer parallel to the water surface.



- A** Planing strake – avoid mounting
- B** Avoid mounting within 1 m (3.3 ft) to port (left) of propeller
- C** Avoid mounting within 7.5 cm (3 in) to starboard of propeller
- D** Best mounting location – undisturbed water flow
- E** Trim tabs can cause turbulence – avoid mounting

→ **Notes:**

- The example above describes a conventional clockwise propeller rotation configuration. If the propeller spins counter-clockwise, mount on the port side.
- Mount the transducer away from hull openings, strakes, struts, trim tabs or any fittings that could disturb water flow over the transducer.
- If mounting the transducer in a location that comes out of the water, for example when the boat is planing, the sonar will not work while the transducer is out of the water.

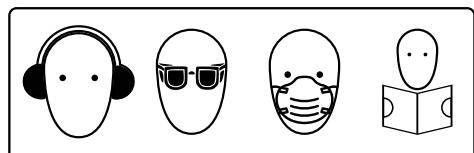
Trolling motor installation

Trolling motor mid/high transducer bracket available separately. Refer to the installation documentation included with the trolling motor bracket.



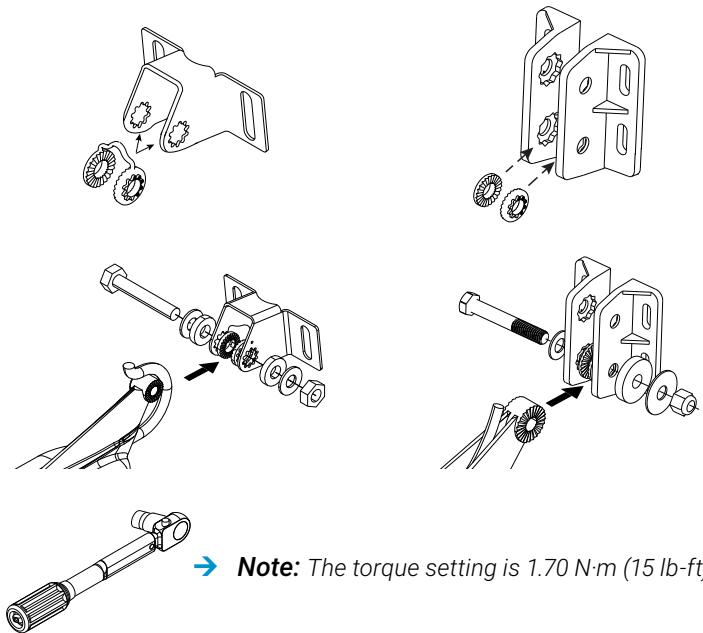
Trolling motor bracket 000-0051-45

→ **Note:** Trolling motor installation is compatible with the mid/high skimmer transducer only.



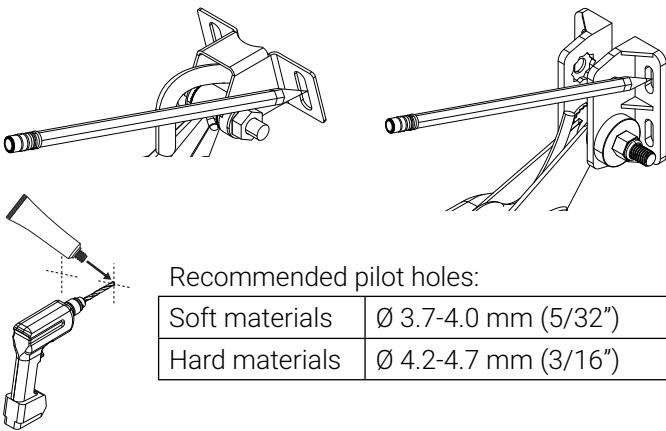
⚠ WARNING: See the **Transducers Safety, Disclaimer and Compliance** document included in the product packaging for detailed warnings and other important safety information regarding your transducer.

Transom mount assembly



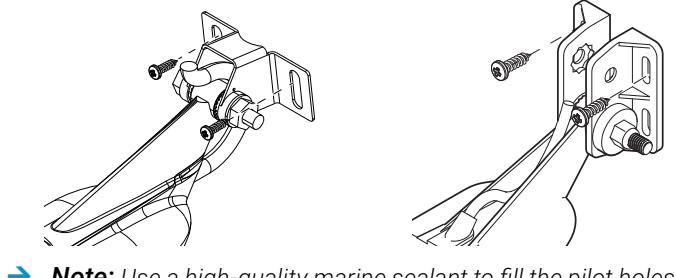
→ **Note:** The torque setting is 1.70 N·m (15 lb·ft).

Transom mount installation



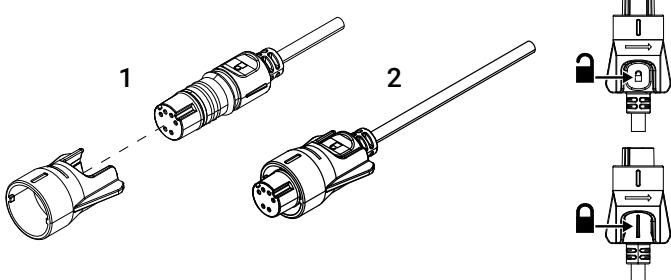
Recommended pilot holes:

Soft materials	Ø 3.7-4.0 mm (5/32")
Hard materials	Ø 4.2-4.7 mm (3/16")



→ **Note:** Use a high-quality marine sealant to fill the pilot holes.

Wiring



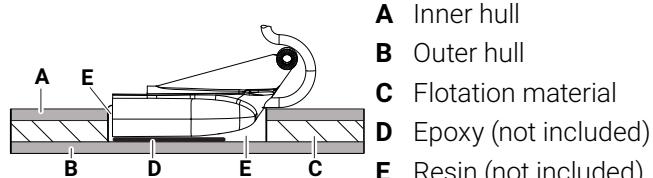
Shoot-thru-hull installation

WARNING: Do not remove any material from the vessel's inner hull unless you know its composition. Contact your boat dealer or manufacturer to confirm your hull specifications.

Shoot-thru-hull installation is not appropriate in wood or metal hulls.

Before you epoxy the transducer to the hull, make sure:

- The area is clean, dry, and free of oil or grease
- The surface of the hull is flat so the entire transducer face is in contact with the hull.



- 1 Sand the face of the transducer and the hull smooth to the touch.
- 2 Apply a thin layer of epoxy to the face of the transducer and the hull.
- 3 Press the transducer into the epoxy on the hull. Make sure there are no air pockets between the transducer and the hull.
- 4 Apply pressure to the transducer while the epoxy cures.
- 5 Fill any gaps around the transducer with resin after the epoxy has cured.

→ **Note:** Temperature readings from a transducer installed shoot-thru-hull will be of the transducer mounting location.

Technical specifications

	Mid/High Skimmer	Low/High Skimmer
Environmental		
Operational water temp.	0°C to 35°C (32°F to 95°F)	
Storage temp.	-30°C to 70°C (-22°F to 158°F)	
Physical		
Weight	0.11 kg (0.24 lb)	0.37 kg (0.81 lbs)
Cable length	6 m (20 ft)	
Mounting	<ul style="list-style-type: none">• Transom• Trolling motor• Shoot-thru-hull	<ul style="list-style-type: none">• Transom• Shoot-thru-hull
Sonar		
Output	Depth and temperature	
Frequency	<ul style="list-style-type: none">• Mid/High CHIRP• 83 kHz, 200 kHz• 455 kHz, 800 kHz	<ul style="list-style-type: none">• Low/High CHIRP• 50 kHz, 200 kHz• 455 kHz, 800 kHz
Max depth	304 m (1000 ft) at 200 kHz	914 m (3000 ft) at 50 kHz
Max speed	60 knots (70 mph)	