

Installation Supplement

REPLACEMENT TRANSDUCER SUPPORT FOR BRACKET

Transom Mount, 1kW Transducer models: TM258, TM260, TM265LH, TM265LM, TM270W
Manufactured between October 2011 and February 2012

WARNING

The plastic transducer support may break due to weak plastic. If a failure occurs while the boat is underway, the transducer may break off and/or fly into the cockpit, causing property damage, personal injury, and/or death. Remove this bracket and discard it immediately. Install the replacement bracket supplied.

WARNING: Always wear safety goggles and a dust mask when installing to avoid personal injury.

WARNING: When the boat is placed in the water, immediately check for leaks around the screws and any other holes drilled in the hull.

CAUTION: Never pull, carry, or hold the transducer by the cable as this may sever internal connections.

CAUTION: Do not strike the transducer to release it. When mounted on the bracket, remove the transducer by removing the locking pin and hinge pin.

CAUTION: Never use solvents. Cleaners, fuel, sealants, paint, and other products may contain strong solvents, such as acetone, which attack many plastics, greatly reducing their strength.

IMPORTANT: Please read the instructions completely before proceeding with the installation. These instructions supersede any other instructions in your instrument manual if they differ.

Tools & Materials

Safety goggles
Dust mask
Carpenter's saw (recommended)
Marine sealant (suitable for below waterline)
Small screwdriver (some installations)

Removing the Old Transducer Support

1. Increase the slack in the cable by removing any cable clamps and cable cover (see Figure 1). Set the parts aside to reuse.
2. Remove the transducer support from the transducer using the Allen wrench supplied (see Figure 2). Set the three socket-head-cap screws and washers aside to reuse. **Be sure to temporarily support the weight of the transducer, so it does not sever the internal connections to the cable.**
3. Protect the cable by opening the slot in the cable protector supplied and pushing it around the cable (see Figure 3). Push the protector along the cable until it touches the top of the transducer.
4. Saw completely through the plastic transducer support, being sure to cut into the hole for the cable. **Avoid cutting the transducer by making the gap between the support and transducer as wide as possible** (see Figure 4).

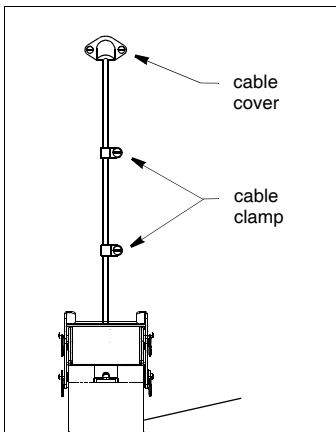


Figure 1. Cable clamps, cover
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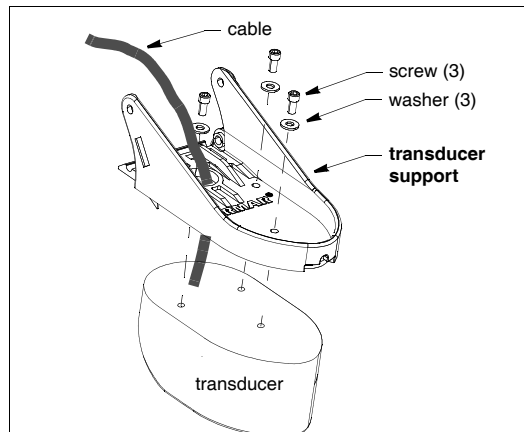


Figure 2. Detaching transducer support from transducer
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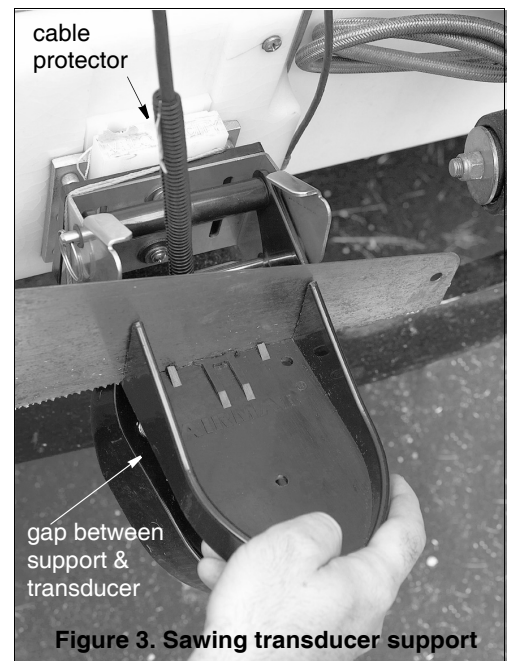


Figure 3. Sawing transducer support

- Remove the remaining section of the transducer support from the bracket by remove one safety ring from the end of each pin (see Figure 5). Remove the pins. Set the two pins, two washers, and spacer aside to reuse. Discard the cut transducer support.

Installation

- The replacement transducer support has a slot that allows it to slide onto the transducer cable (see Figure 6). Slide the support into place and align the screw holes with the transducer (see Figure 2). Fasten the transducer support to the transducer using the three socket-head-cap screws and washers. Tighten the screws with the 3/16" Allen wrench supplied.
- While holding the transducer assembly against the bracket, insert one of the pins through the *upper* hole in the bracket and the transducer support (see Figure 5). Slide the spacer onto the pin and push it through the remaining hole in the support and the bracket. Attach a second safety ring to the free end. This pin will function as a hinge when the transducer is released.
- Slide a washer onto the remaining pin. Push it through the *lower* hole in the bracket, sliding it along the channel in the transducer support and through the second hole in the bracket (see Figures 5 and 7). Slide the second washer onto the free end of the pin and attach the last safety ring. This pin will function as the locking pin to hold the transducer in the operational position when the boat is underway.
- If you have removed the cable cover and/or cable clamps for easier installation, reattach them (see Figure 1). Apply marine sealant to the threads of the #6 x 1/2" self-tapping screws to prevent water from seeping into the transom. If there is a hole drilled through the transom, apply marine sealant to the space around the cable where it passes through the transom. Position the two cable clamps and fasten them in place. If used, push the cable cover over the cable and screw it in place.

Checking for Leaks

When the boat is placed in the water, **immediately** check for leaks around the screws and any other holes drilled in the hull. Note that very small leaks may not be readily observed. Do not leave the boat in the water unchecked for more than three hours.

