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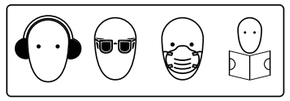

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988-13260-001

ActiveTarget® 2 XL Mounting Kit for Recon™ Trolling Motor 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.

Overview

This kit has fittings to mount an ActiveTarget® 2 XL transducer onto the lower unit of a Recon™ trolling motor.

→ *Note: This system is not suitable for mounting more than one transducer on the Recon™ trolling motor.*

The single mounting bracket is easily configured for any of the ActiveTarget® 2 XL transducer views.

→ *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 XL.*

In the box

- 1x mount assembly (preassembled for starboard installation)
- 2x M5-0.8 x 12 button head screws
- 2x M5-0.8 x 14 countersunk screws
- 1x long shoulder bolt
- 1x cable routing arm with 3x M5 x 20 screws
- 1x coiled tubing

From your ActiveTarget® 2 XL kit

- 1x arm
- 2x guides
- 2x compression springs
- 1x short shoulder bolt
- ActiveTarget® 2 XL transducer
- ActiveTarget® 2 XL installation manual

Tools needed

- 3 mm flathead screwdriver or 2.5 mm (3/32 in) Allen key (depending on the type of plastic plugs that came with your trolling motor)
- 3 mm (1/8 in), 4 mm (5/32 in), 5 mm (3/16 in) Allen keys
- Razor blade or tube cutter
- 10 mm (3/8 in) open-end wrench or large flathead screwdriver

If reassembling the mount assembly for port:

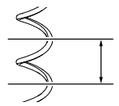
- 1.5 mm (1/16 in), 2 mm (5/64 in) Allen keys

Wrap transducer cable in coiled tubing

The supplied coiled tubing supports the transducer cable, giving it enough length for unrestricted movement.

If your trolling motor column is less than 72 inches, cut the coiled tubing to the specified number of coils. A coil is one 360° revolution of the tubing about itself.

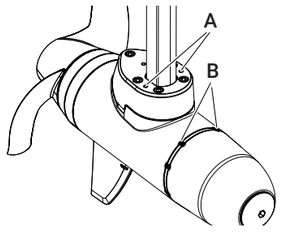
- 48 inch: 5–5.5 coils
- 54 inch: 5.5–6 coils
- 60 inch: 6.5–7 coils
- 72 inch: 8 coils (uncut)



1. To make the coiled tubing malleable, soak it in hot water (37°C–48°C or 100°F–120°F) for 10 minutes.
2. Use a 10 mm (3/8 in) open-end wrench or large flathead screwdriver to separate the split in the coiled tubing, then, starting 20 cm (8 in) from the transducer, insert the transducer cable into the tubing so the tubing acts as a flexible sheath. **Do not press directly on the transducer cable with the wrench or screwdriver.**

Attach mount assembly to the trolling motor

3. Position the trolling motor in the deployed position.
4. Disconnect the trolling motor power cable from the battery (or unplug the power cable if using a plug and receptacle).
5. Use a 3 mm flathead screwdriver (or 2.5 mm Allen key, depending on the type of plastic plugs that came with your trolling motor) to remove the four plastic plugs (**A**, **B**) shown below.



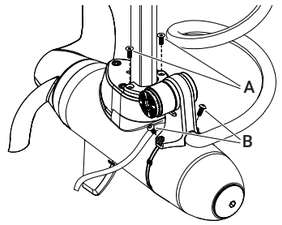
→ *Note: Keep the plugs in case you ever decide to remove the transducer from your trolling motor.*

6. Support the transducer (and its cable) near the starboard side of the lower unit.
7. Place the mount assembly in position on the lower unit with the transducer cable passing through the channel in the center base of the mount assembly.
8. Ease the coiled tubing into the nose cone end of the channel, until it stops against the rib on the inner surface of the channel.

→ *Note: As you carry out the transducer installation, rotate the coiled tubing as required to make sure it doesn't block the beam or prevent the transducer being moved to different positions.*

9. Use the 3 mm Allen key to install the two M5-0.8 x 14 countersunk screws (**A**) and the two M5-0.8 x 12 button head screws (**B**) attaching the mount assembly to the lower unit.

→ *Note: Take extra care to ensure the screws are aligned with the threaded holes before tightening, to prevent damaging the threads in the lower unit.*

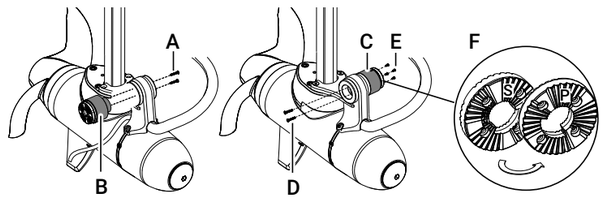


Optional: Reconfigure the mount assembly for port installation

Carry out this step if your trolling motor stow position makes it preferable to mount the transducer on the port side.

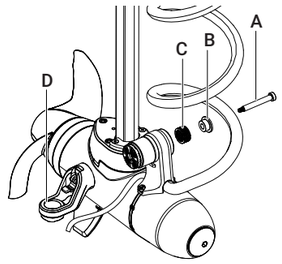
Use a 2 mm Allen key to remove the two screws (**A**) from the side of the mount assembly. Remove the cylinder (**B**) from the starboard side of the mount assembly, replace it into the port side (**C**), and reinstall the two screws from the opposite side (**D**).

Use a 1.5 mm Allen key to remove the four screws (**E**) that attach the detent plate (**F**) onto the cylinder. Turn the detent plate over so **P** is facing outwards. Reinstall the detent plate onto the cylinder using the four screws.



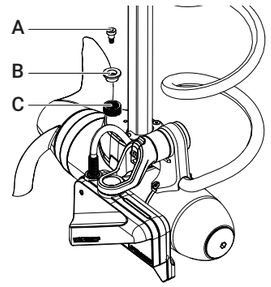
Attach arm to mount assembly

10. Use the 5 mm Allen key to tighten the long shoulder bolt (**A**) through the guide (**B**), spring (**C**), mount assembly, and arm (**D**).



Attach transducer to arm

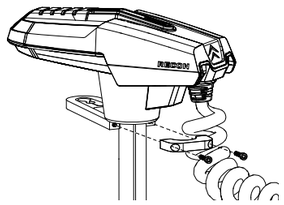
11. Use a 5 mm Allen key to tighten the short shoulder bolt (**A**) through the guide (**B**), spring (**C**), the arm, and the transducer.



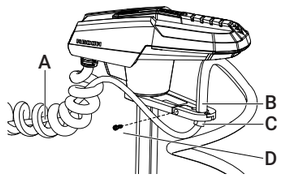
Follow the instructions in your ActiveTarget® 2 XL installation manual to adjust the transducer to different views.

Attach cable routing arm

12. Use the 4 mm Allen key and two of the supplied M5 x 20 screws to attach the cable routing arm to the shaft, just under the trolling motor head.



13. Route the exposed transducer cable (the end not covered by the coiled tubing, **A**) through the center of the coil cable that runs between the trolling motor head and mount. Connect the transducer cable to the sonar module.
14. Route the top of the coiled tubing through the top of the cable routing arm (**B**) and position it so the tubing ends 6–12 mm (0.25–0.5 in) below the arm (**C**).
15. Use the 4 mm Allen key and the remaining M5 x 20 screw to secure the tubing in place (**D**).



16. Check there are no cable pinch points and there is enough slack in the coiled tubing so it doesn't get caught on the mount or restrict steering movement, and that the motor can fully rotate left/right when using the remote control.
17. Stow the trolling motor to test the transducer cable doesn't prevent the trolling motor from stowing correctly.

→ *Note: Make sure you program your trolling motor's auto-stow alignment feature so the transducer faces away from the boat to prevent damage when stowing.*