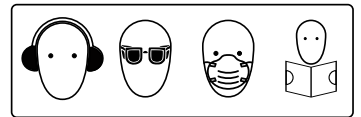


Recon™ Mount UI Cover



⚠ 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.

In the box

- 1x Recon™ mount UI cover
- 2x #6 x 3/8, pan, T15 Torx®, SS screws
- 2x M3-0.5 x 8, flange, hex, SS screw

Tools needed

- #2 Phillips screwdriver
- 5/32 in Allen key
- 2 mm Allen key
- T15 Torx® screwdriver
- Torque wrench

Introduction

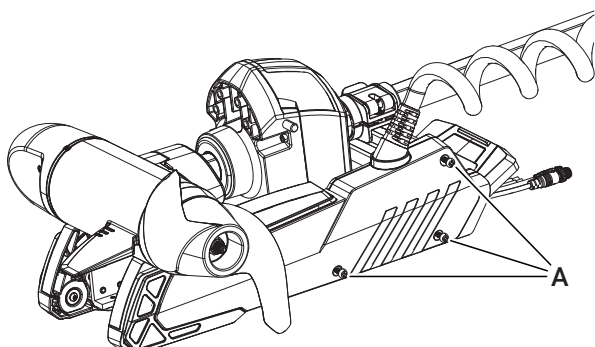
The mount user interface cover (UI cover) contains the circuit boards for the keys and LEDs on the mount. The UI cover also protects the main circuit board and the connections inside the trolling motor mount.

Removal

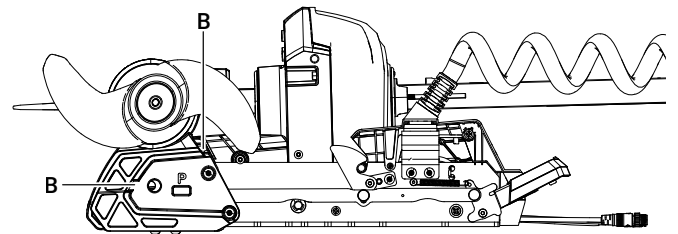
To remove the existing mount UI cover:

- 1 Disconnect the trolling motor power cable from the battery (or unplug the power cable if using a plug and receptacle).
- 2 While your trolling motor is stowed or deployed, use a #2 Phillips screwdriver to loosen the side plate screws on both sides of the mount (A).

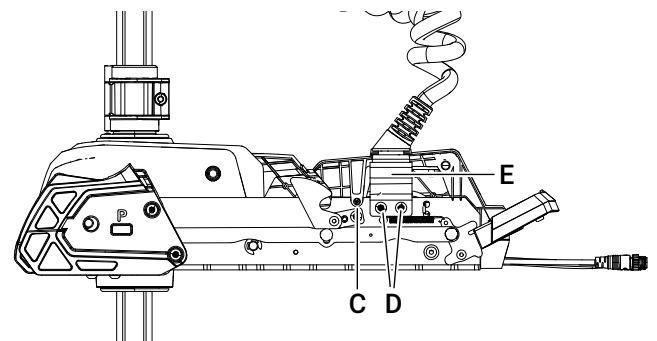
→ **Note:** The screws are retained by washers.



- 3 Remove the side plates, taking care not to damage the locating tabs as they leave their slots (B).

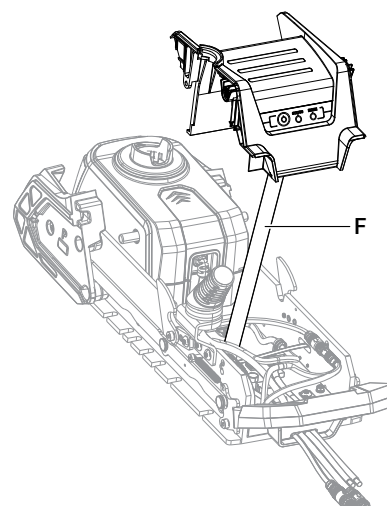


- 4 Deploy the trolling motor.
- 5 Use a 2 mm Allen key to remove the screw from both sides of the UI cover (C).
- 6 Use a 5/32 in Allen key to loosen the two screws (D) that secure the coil cable bracket 2–3 full rotations. These screws have a blue thread-locking compound applied to them. Ease the coil cable bracket (E) outward from the mount.

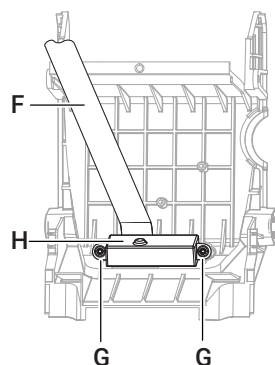


- 7 Lift the UI cover upward to separate it from the mount.

⚠ WARNING: Do not lift the UI cover more than 30 cm (~12 in) above the mount, to avoid damaging the ribbon cable (F) that remains connected to the mount.



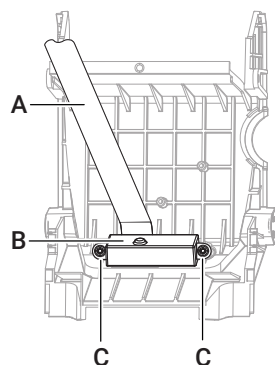
- 8 Rest the UI cover beside the mount, open side upward.
 - 9 Use a T15 Torx® screwdriver to remove the two screws (G) that secure the LED assembly (H) to the inside of the UI cover.
- **Note:** The ribbon cable (F) remains attached to the LED assembly and to the mount circuit board assembly.



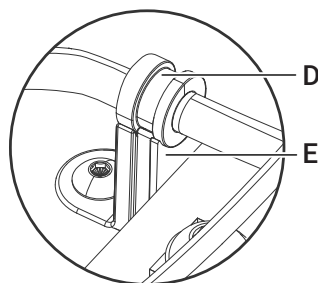
Installation

To attach the new mount UI cover:

- 1 Make sure the ribbon cable (A) from the mount circuit board is not twisted. Position the LED assembly (B) on the inside of the mount UI cover by aligning the screw holes.
- 2 Use a T15 Torx® bit or screwdriver to install two #6 x 3/8 pan head screws (C, supplied. These 3/8 inch-length screws are the shorter T15 Torx® screws supplied in the service kit). Tighten to torque 0.68 Nm (6 in-lb).

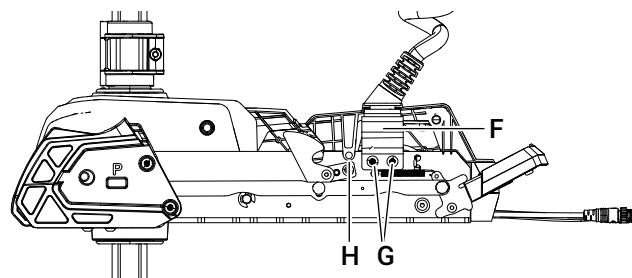


- 3 Inside the mount, check the grommet on the transmission cable (D) is fitted into the cable retainer (E).

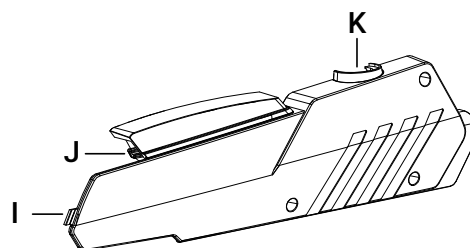


- 4 Lower the mount UI cover into position. Guide its front face to fit over the cable retainer and grommet.

- 5 Ease the coil cable bracket (F) into position so that the root of the coil cable is gripped between the mount UI cover and the coil cable bracket. Use a 5/32 in Allen key to tighten the two screws (G) that secure the coil cable bracket. Tighten to torque 5.08 Nm (45 in-lb).
- 6 Use a 2 mm Allen key to install two M3-0.5 x 8 flange screws (H, supplied) into the sides of the UI cover. Tighten to torque 0.35 Nm (3 in-lb).



- 7 Insert the front locating tab (I) of the port side plate into its locating slot on the port side of the mount.
- 8 Gently apply pressure below the other locating tab (J) and flex it into its locating slot.
- 9 Guide the strain relief (K) around the base of the coil cable.



- 10 Fasten the side plate screws and tighten to torque 1.69 Nm (15 in-lb).
- 11 To replace starboard side plate on mount, insert the locating tabs into their locating slots and gently attach the plate.
- 12 Fasten the side plate screws and tighten to torque 1.69 Nm (15 in-lb).