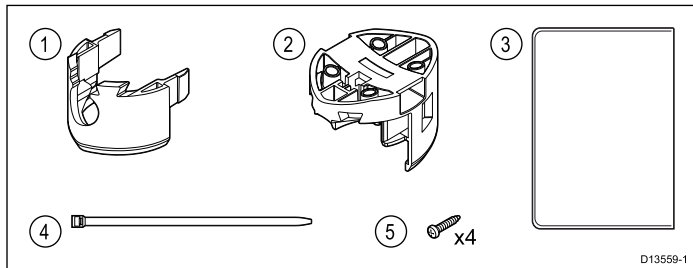


CPT-S Hull / Step / Trolling motor bracket installation instructions

Parts Supplied

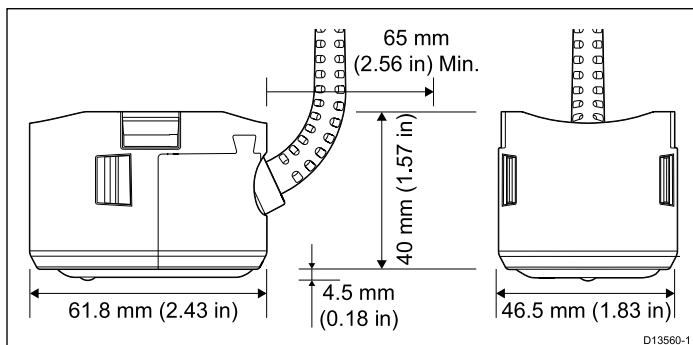
The parts supplied with your product are shown below.



1. Bracket front housing
2. Bracket rear housing
3. Documentation
4. Cable tie (7.6 mm x 370 mm)
5. Fixings x 4 (No. 8 / 4.2 mm x 18 mm self-tapping screws)

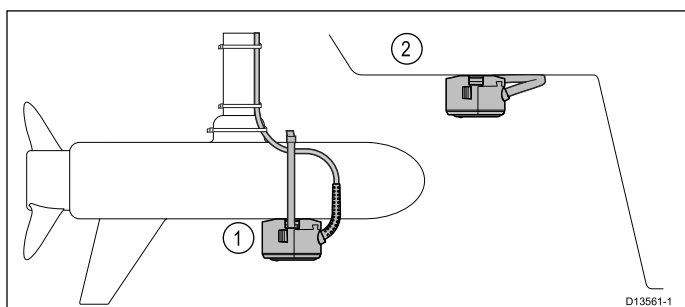
Product Dimensions

The bracket's dimensions are shown below.



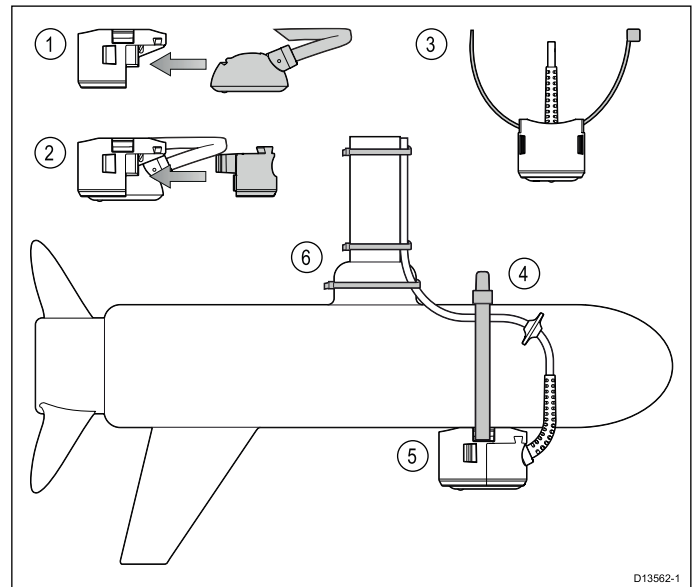
Mounting Options

The Hull / Step / Trolling motor bracket can be used to mount a CPT-S transducer to the underside of a hull or to a trolling motor.



1. Trolling motor mounted
2. Hull / under step mounted

Mounting on a Trolling Motor



1. Slide the Transducer into the Rear Housing until it clicks into place.
2. Slide the Front Housing into the Rear Housing until it clicks into place.
3. Slide the supplied cable tie through the slot in the top of the bracket.
4. Strap the Transducer to the trolling motor using the cable tie.
The transducer should be positioned on the underside of the trolling motor; so that it will be horizontal (pointing straight down) when the trolling motor is in use.
5. Tighten the cable tie until the transducer's position is fixed, then if necessary, cut off any excess length from the cable tie.
6. Use cable ties (not supplied) to secure the Transducer cable to the trolling motor, ensuring that there is sufficient slack remaining in the cable to allow the trolling motor to turn.

Hull or (under) Step Mounting

Selecting a Location for the Transducer

The guidelines below should be followed when selecting a location for the transducer using the hull / step / trolling motor bracket. Optimum transducer location will vary depending on hull type.

For best performance the transducer must be installed in a location with the least turbulence and aeration.

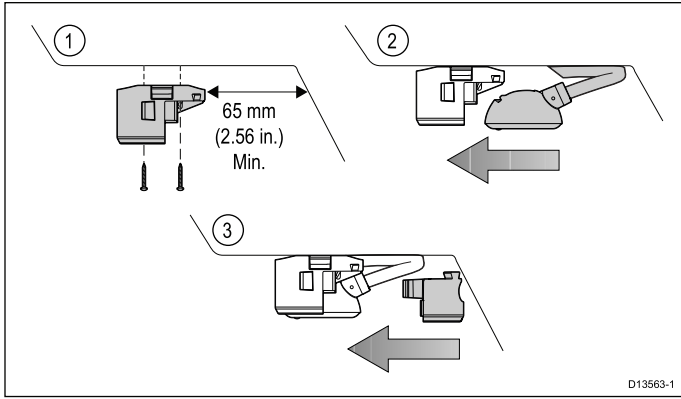
- The transducer should not be installed aft of the propeller(s).
- The transducer should be mounted on a horizontal surface.
- Mount close to the keel (centerline), in a position where the transducer element will be fully submerged when the vessel is planing and turning.
- Mount a suitable distance from the propeller(s) to avoid wake.
- Turbulence can be caused by a number of other factors such as steps, ribs, rows of rivets and strakes. The turbulence appears aft of these locations.
- Air trapped under the front of the vessel can travel under the hull and appear as aeration.
- If installing under the step on a stepped transom, ensure sufficient room is left in front of the bracket to allow the transducer to be fitted.

Mounting the Bracket on a Hull

The steps below describe using the bracket to mount the transducer to the hull or the underside of a stepped transom.

Before mounting ensure that you have:

- selected a suitable horizontal mounting surface
- identified the route that the cable(s) will take



1. Fit the Rear Housing to the mounting surface:
 - i. Use the supplied mounting template to mark the positions of the screw hole locations.
 - ii. Drill 4 x holes for the fixing screws.
 - iii. Fill the holes with marine grade sealant.
 - iv. Using a pozi-drive screw driver and the screws provided, secure the Rear Housing to the mounting surface.

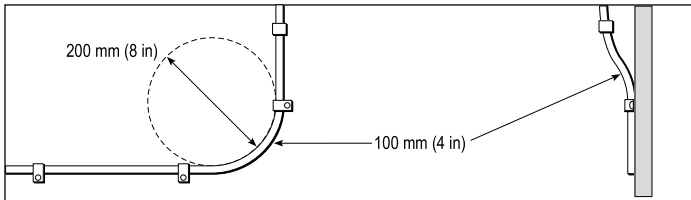
You must ensure sufficient clearance is available in front of the Rear Housing to allow the Transducer and Front Housing to be fitted.

2. Slide the Transducer onto the Rear Housing until it clicks into place.
3. Slide the Front Housing onto the Rear Housing until it clicks into place.

Routing cables

Cables must be routed correctly, to maximize performance and prolong cable life.

- Do NOT bend cables excessively. Wherever possible, ensure a minimum bend diameter of 200 mm (8 in) / minimum bend radius of 100 mm (4 in).

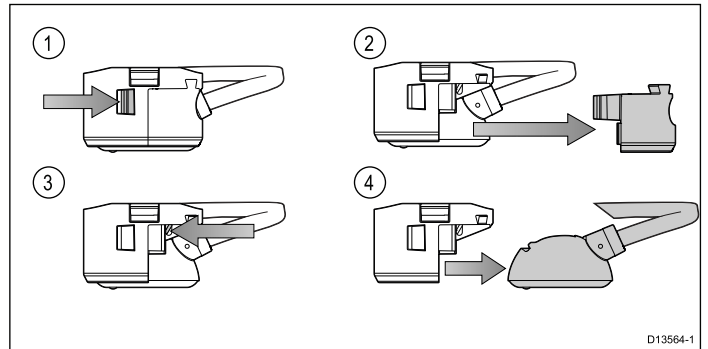


- Protect all cables from physical damage and exposure to heat. Use trunking or conduit where possible. Do NOT run cables through bilges or doorways, or close to moving or hot objects.
- Secure cables in place using tie-wraps or lacing twine. Coil any extra cable and tie it out of the way.
- Where a cable passes through an exposed bulkhead or deckhead, use a suitable watertight feed-through.
- Do NOT run cables near to engines or fluorescent lights.

Always route data cables as far away as possible from:

- other equipment and cables,
- high current carrying AC and DC power lines,
- antennae.

Removing the Transducer From the Bracket



1. Press both locking tabs inwards and hold.
2. With the tabs held, slide the Front Housing away from the Rear Housing.
3. Insert a 2 mm (0.08 in) diameter metal rod (such as a small drill bit or hex key) into the transducer release hole, pull the rod aft of the transom and hold in position.
4. Slide the transducer off the bracket.