

MARINCO®

Inlet Installation Guide

International Installation Instructions For Marinco Inlets

WARNING:

To prevent electrocution, make sure the inlet is not connected to a power source before installing it. Failure to comply with the following instructions could cause an electrical failure or fire.

Tools Required For Installation:

- Pencil
- Electric Drill
- Hole Saw (See below)
- 3.3 mm or 1/8" Drill Bit
- Small Flat Blade Screwdriver
- 4.0 mm or #8 Oval Head Stainless Steel Screws (3-4) to mount to hull
- Cutting/Wire Stripping Pliers

New Installation

1. Determine mounting location in hull. Be careful that the location you select for the mounting hole does not go through any electrical wiring, plumbing or other obstruction. Be sure that power tools are properly grounded.
2. Mark the installation location and cut opening in hull using a hole saw.
 - 16A Square Inlet - 73 mm (2-7/8") diameter hole
 - 16A Contoured Inlet - 70 mm (2-3/4") diameter hole
 - 32A/50A/63A Inlets - 60 mm (2-1/2") diameter hole
3. Place the inlet in the opening and align so that the inlet is square with the hull. Use the inlet as a template and mark the mounting hole locations with a pencil. Remove inlet and drill mounting holes using a 3.3 drill bit for 4.0 mm mounting screws (1/8" drill bit for #8 screws).
4. Remove the rear safety enclosure from the inlet.
5. Pull internal wiring through hull opening.
6. Thread the wiring through the strain relief on the rear safety enclosure. Slide the mounting gasket over the wiring.
7. Back off terminal screws on the rear housing of the inlet.
8. Strip wire ends 16 mm to 19 mm (5/8" to 3/4"). **Make sure the wire strands are clean and not corroded.** If necessary, cut back the wire until clean wire is uncovered. **Do not solder the ends of the wire.** Insert wires into color coded openings (see below) on the back of the inlet. Tighten terminal screws to 2.5-2.8 N-m (22-25 in.-lbs.) torque for the 32A inlet, and 1.6 -2.2 N-m (14-20 in.-lbs.) torque for the 16A inlet. **Make certain there is no wire insulation under any terminal.**

Inlet terminals are color coded as follows:

- Brown - Load (220 Volt), brown (or black) wire
- Blue - Neutral, blue (or white) wire
- Green - Equipment ground, green with yellow stripe (or green) wire

9. Slide the rear safety enclosure onto the back of the inlet.
10. Position the gasket and inlet over the hull opening, align the mounting holes and attach the inlet to the hull with screws. Install non-metallic inlet with 4 mm (or #8) stainless steel pan head screws. Install stainless steel inlet with 4 mm (or #8) flat or oval head stainless steel screws.

Retro Fit

1. Turn off power to inlet at breaker box.
2. Remove old inlet from hull. Disconnect inside wiring from inlet.
3. Examine wiring for corrosion. If wires are corroded, cut off corroded portion and re-strip wiring.
4. Follow "New Installation" instructions above.

Marinco Easy Lock™ System

All Marinco power inlets feature the exclusive Easy Lock System. Using an Easy Lock ring on your cordset will eliminate cross threading. Marinco Easy Lock rings can only be used on Marinco hull inlets marked "Easy Lock". All new Marinco cordsets come with an Easy Lock ring. Or, Easy Lock rings can be purchased from your retailer, for retrofit to your current Marinco cordset.



To use the Easy Lock System, align the lock locator tabs on the Easy Lock ring on the cordset with the slots on the sides of the threaded boss on the inlet. Push the Easy Lock ring onto the boss and twist 1/8 turn for a positive water-proof connection.

If you choose not to use the Easy Lock System, this inlet will accept all threaded cordset rings.

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