

Assembly Instructions for Quick Disconnect

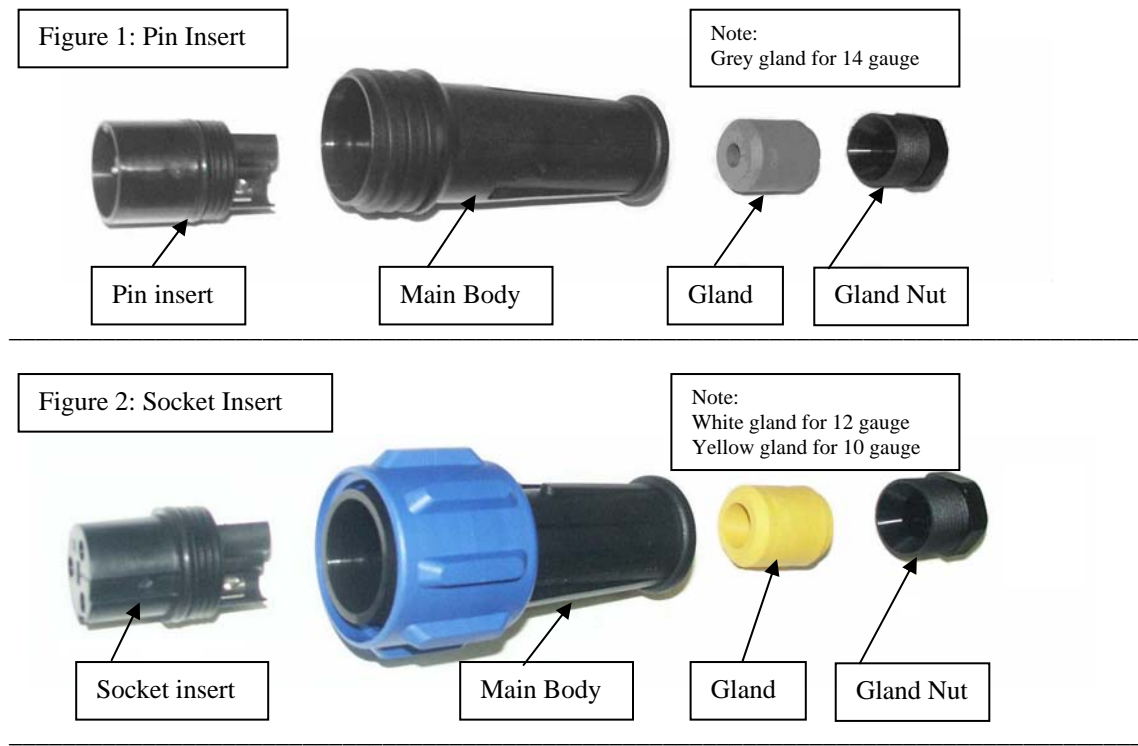
Kasco Marine Part # 636220 – Quick Disconnect for 12 gauge cords
Kasco Marine Part # 636224 – Quick Disconnect for 10 gauge cords

Important – Read Carefully Before Installation

Before using the connector, it is important that these instructions are carefully read and understood to ensure the connector system is completely water tight and electrically safe.

IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN.

The socket (female) insert of the connector must be the live part of the connector from the supply. The pin (male) insert of the connector must lead to the load or electrical device. To ensure efficient sealing, use only smooth circular cable.



Assembly/Wiring Instructions

Step 1: Remove the pin or socket insert from the housing of the connector. There is a slot for a flat blade screwdriver in the center of the insert.

Note: The inserts have a **LEFT HAND THREAD** and should be turned clockwise to remove.

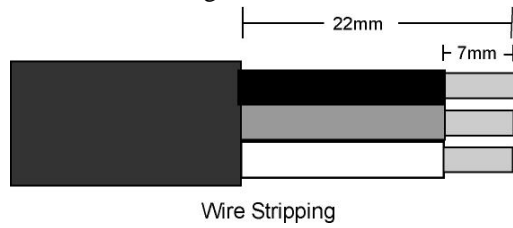
Step 2: Remove the gland nut and gland from the rear of the housing and slide on to the cable. Make sure the gland is orientated with the stepped edge facing the nut (see Figure 3).



(continued)

Step 3: Prepare the cable and strip wire ends as shown in figure 4.

Figure 4: Wire stripping Detail



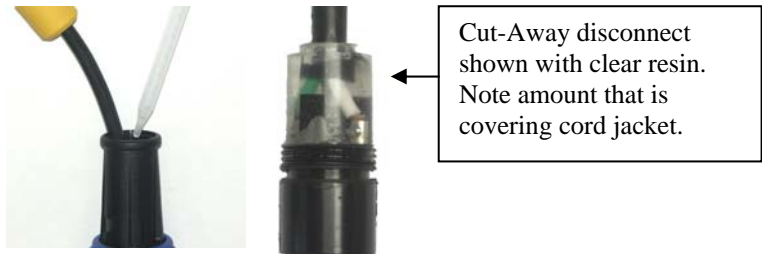
Step 4: Insert the stripped wire ends into the terminals on the back of the Pin/Socket insert and fully tighten the wire retention screws.
(Refer to Figure 5 for correct wire orientation.)



Figure 5:
Wire Connections
Black wire to terminal L
White wire to terminal N
Green wire to terminal E

After the wires have been connected securely, pull the cable and insert back into the housing and tighten with a screwdriver to ensure the insert is seated correctly. **Note: LEFT HAND THREAD, turn the insert counter clockwise to tighten.**

Step 5: Using the Black Potting Resin, apply enough resin into the housing to cover the wires and contacts. The resin should be about 1/8" onto the cord jacket. **Note: Adding too much resin will cause excess to be forced into female end of the pin connector, preventing proper connection of the two halves.**



Step 6: Slide the gland and gland nut along the cable into the body and tighten the gland nut securely.



Repeat Steps 1 through 6 to assemble the remaining half of your quick disconnect assembly.

Once the two subassemblies have been completed, they can be joined together. Plug pin assembly into the socket assembly and tighten the large blue nut securely. The blue nut should be **hand** tightened only.
(See figure 6)

Figure 6: Tightened Assembly



Note: There is a small gap after tightening

For seasonal removal, your quick disconnect includes an optional water tight cover. Simply separate the quick disconnect and insert the sealing cover into the large blue nut half and tighten firmly.