



Installation Guide

Quick Disconnect



Part Numbers:
628828, 628829

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Congratulations on the purchase of your new Magnaflux Quick Disconnect Replacement!

It is best if this entire document is read through prior to installing the Quick Disconnect fittings. If you have any questions, please contact Magnaflux Customer Service at +1 847-657-5300.

TOOLS NEEDED

- Utility Knife
- 5/16" Allen Wrench
- Flat-Head Screwdriver

SAFETY PRECAUTIONS

- Use Caution while working with sharp objects. If necessary, wear rubber gloves for protection.
- It is highly recommended that the unit be powered down and locked out during installation.

COMPONENTS

- DIX SKS Rubber Sleeve (for male plug) [Figure 3-1]
- DIX BKS Rubber Sleeve (for female plug) [Figure 3-2]
- Terminal Sleeve [Figure 3-3]
- Brass Inner Part Plug (Male and Female) [Figures 3-4 and 3-5]



FIGURE 3-1



FIGURE 3-2



FIGURE 3-3



FIGURE 3-4



FIGURE 3-5

INSTALLATION

Note: If replacing an existing Either End connection, cut off the cable from the Either End Connection prior to installing the Quick Disconnect.

1. Cut Rubber Sleeve at the first notch/line (Figure 3-1).
2. Slide the Rubber Sleeve over the cable.
3. Strip the cable approximately 1.5" (size of the terminal sleeve) and slide the flared side of the terminal sleeve over bare copper. Cut off any excess copper strands that extend out of the sleeve. Ensure that all strands are within the sleeve. (Figures 5-1 and 5-2)



FIGURE 5-1



FIGURE 5-2

4. Remove the terminal screw (white plastic) from the brass plug (Figure 3-4).
5. Insert the prepared cable into the inner part of the brass plug.
6. Secure the cable in the inner part of the brass plug using the hex screws on the plug. Use a 5/16" Allen wrench (with a torque of 11 ft·lbs). (Figure 5-3)
7. Pull the rubber sleeve over the prepared cable assembly described in Step 6 above. Secure the rubber sleeve to the brass plug with the plastic terminal screw (Figure 5-4).



FIGURE 5-3

8. Follow the same instructions above (Steps 1 through 7) for the female brass plug (Figure 5-5). **NOTE: DO NOT REMOVE the rubber sleeve around the female plug (See Figure 3-5).**



FIGURE 5-4



FIGURE 5-5



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