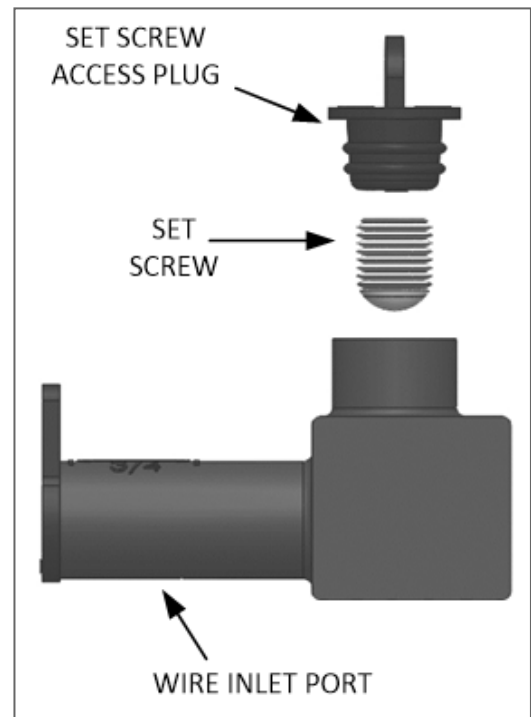
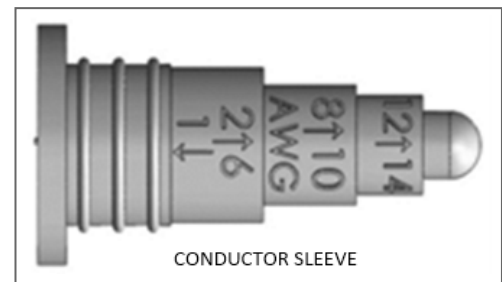
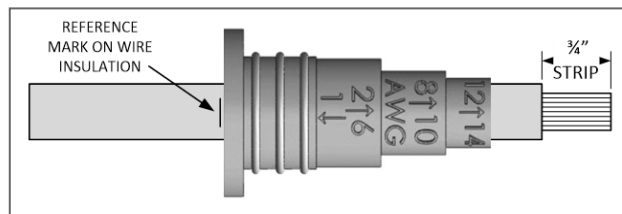
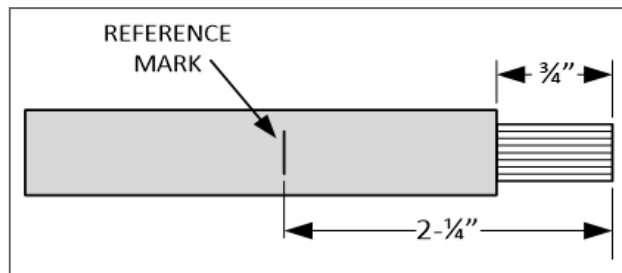
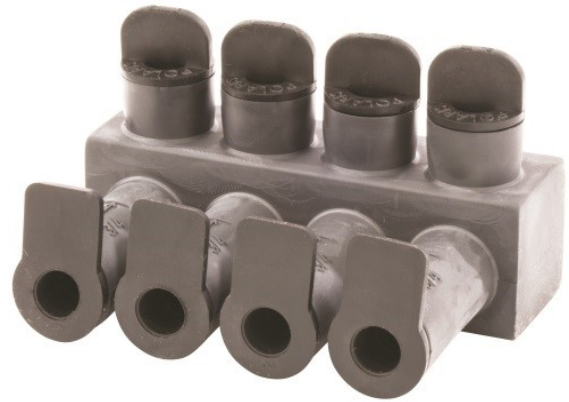


Paige Re-enterable Connectors 270RCx

Paige Specification P7408D

Installation Instructions

1. Wipe all wire surfaces clean.
2. Mark all the insulated wires at $\frac{3}{4}$ " and $2\text{-}\frac{1}{4}$ " with a permanent marker. Tips:
 - a. The $\frac{3}{4}$ " length is imprinted on the connector body, for your convenience.
 - b. It may be advantageous to slightly bevel the tip of the insulation to facilitate insertion of the wire into the CONDUCTOR SLEEVE.



3. Mark all bare copper wires at $2\text{-}\frac{1}{4}$ " from the tip of the wire.
4. Remove the CONDUCTOR SLEEVES from the connector.
5. It is not necessary to use a CONDUCTOR SLEEVE for wire sizes 1/0 and 2/0 AWG. Insert these size wires directly into the CABLE INLET PORTS. Discard the CONDUCTOR SLEEVE and go to step 10.
6. The CONDUCTOR SLEEVE has markings to determine where to cut-off the tip for insertion of the right size wire. Use a sharp blade or utility knife to cut the tips off. Use the provided lubricant to coat the tip wire insulation for facilitating insertion.
7. Re-insert the CONDUCTOR SLEEVES into the connector WIRE INLET PORTS, one at a time.
8. Insert the appropriate wire into the CONDUCTOR SLEEVE until the $2\text{-}\frac{1}{4}$ " marking is flush with the end of the CONDUCTOR SLEEVE.
9. Tighten the corresponding SET SCREW to the proper torque. See Table 1.

TABLE 1	
Wire Sizes (AWG)	Torque (inch-pounds)

- 10. A typical torque wrench for this application is the Park Tool PTD-4 and it can be found at <https://www.parktool.com/product/preset-torque-driver-ptd-4>. The PTD-4 torque wrench comes with METRIC bits only.
- 11. A set of extended length SAE bits is required. One such set of bits is: Toolcool Broppe 10pcs SAE 5/64-5/16 Inch Hex Head Screwdriver Bit Set 1/4 Inch Hex Shank Magnetic Screwdriver Bit. It can be found at

Wire Sizes (AWG)	Torque (inch-pounds)
14 - 10	35
8	75
6 - 2/0	120

https://www.amazon.com/gp/product/B077VQ6RSY/ref=ppx_od_dt_b_asin_title_s01?ie=UTF8&psc=1



June 9, 2020