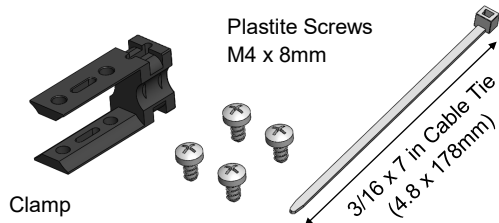
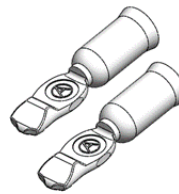


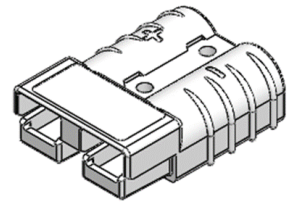
## SB® 50 Cable Clamp Assembly Instructions Components



**Clamp, Screws, & Cable Tie**  
Sold as a Kit—B02644GKIT1



**Contacts**  
Sold Separately



**Housing**  
Sold Separately

### Tools You Will Need

- Screwdriver, Phillips
- Wire Tie Installation Tool, IDEAL® Part Number 41-990

### Instructions

1. Assemble the SB®50 connector using APP® assembly instructions 1S1030A and using APP® recommended \*crimp tooling. Then follow directions below for Clamp assembly.

\*Refer to APP® Crimp Specification 1S6603 for determining how to verify a successful crimp.

2. Insert cables into connector (figure 1).

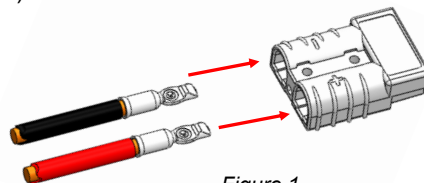


Figure 1

3. Insert Cable Clamp onto housing as shown (figure 2 and 2A).

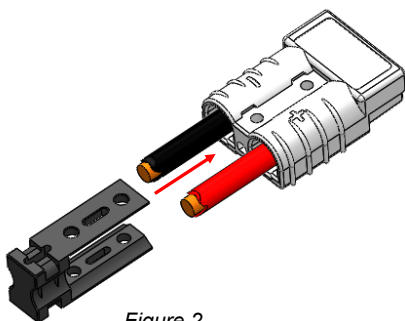
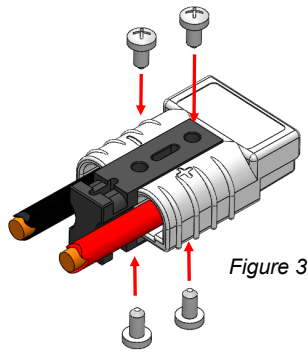


Figure 2

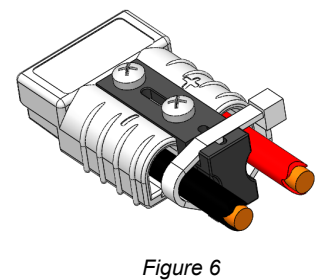
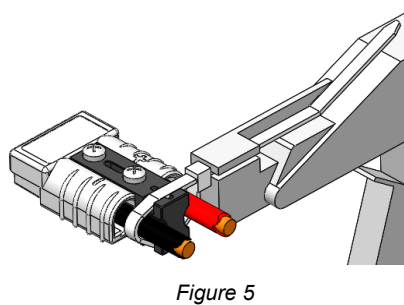
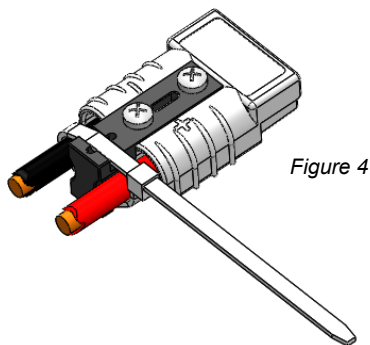


Figure 2A

4. Secure the Cable Clamp to the center position of the housing using (4) screws. Drive screws snug against clamp's surface. Torque screws 8 to 12 in/lbs (figure 3).



5. Apply the wire tie, wrapping the wire tie around cables and clamp as shown (figure 4). If using the wire tie installation tool, follow installation tool's instructions as shown (figure 5). If tightening by hand, tighten wire tie until fully secure, then cut the excess off as shown (figure 6).



## Wire Tie Installation Tool Order Information



IDEAL INDUSTRIES, INC.

IDEAL Industries Inc.



**Part Number 41-990**

1-800-435-0705

Website [https://idealind.com/content/electrical/en\\_US/wheretobuy.html](https://idealind.com/content/electrical/en_US/wheretobuy.html)

All Data Subject To Change Without Notice 2023-0043 1S6824 Rev 2 **Your Best Connection™**

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