

## SBX®350 / SBE®320 DOUBLE STACK ASSEMBLY



Double Stack Bracket and Handle Assembly



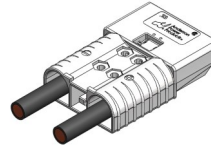
Battery Bracket



Charger / Truck Middle Plate



SBX®350 / SBE®320 Spacer (2X)



SBX® Connector Assembly (4X)



Hex Bolt  
 $\frac{1}{4}$  - 20 x 3 (4X)  
 $\frac{1}{4}$  - 20 x 2 -  $\frac{3}{4}$  (4X)



NUT, HEX,  
 $\frac{1}{4}$ -20 (8X)



WASHER,  
 $\frac{1}{4}$  (8X)

**Tools You Will Need** • Wrench Open End \* Lubricant (Optional)

**IMPORTANT:** Refer to 1S6832A for guidelines on paralleling conductors

### PREPARING THE CHARGER / TRUCK CONNECTOR ASSEMBLY

1. Align 2 Connector Housings, Spacer, Middle Plate and Double Stack Bracket and Handle Assembly as shown (see figure 1).
2. Pass 3 inch Hex Bolts through all components.
3. Align Protruding Bolts of the Charger / Truck with holes on Fixed Panel. See appendix for hole pattern, page 2.
4. Secure components using (4) Hex Bolts, (4) Washers and (4) Nuts.
5. Tighten the Nuts with a torque value of 65 (in-lbs) / 7.3 (Nm).

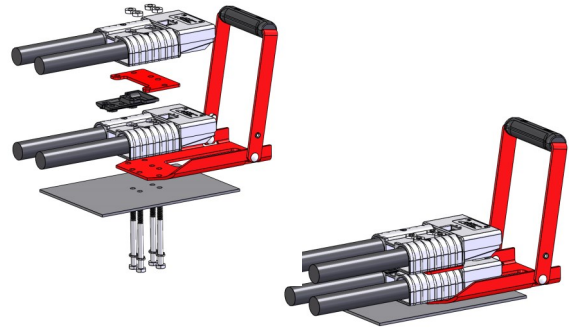


Figure 1

### PREPARING THE BATTERY CONNECTOR ASSEMBLY

6. Align 2 Connector Housings, Spacers, Battery Bracket and insert 2 $\frac{3}{4}$  inch Hex Bolts shown (see figure 2).
  7. Lightly secure the Nuts to the Hex Bolts.
  8. Insert Battery Connector Assembly into the Truck / Charger Assembly as shown (see figure 3).
- Align the slots in the Battery Bracket to the Pins in the Truck / Charger Assembly as shown (see figure 4).
  - Drop Battery Connector Assembly onto the Pins as shown (see figure 5).

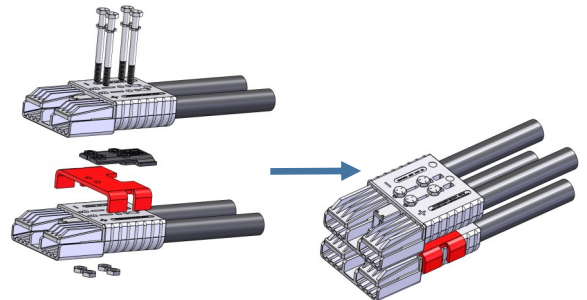


Figure 2

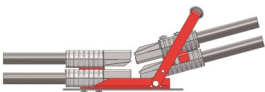


Figure 3

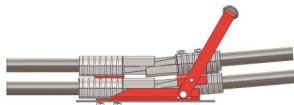


Figure 4

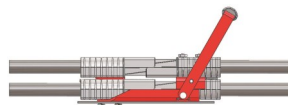
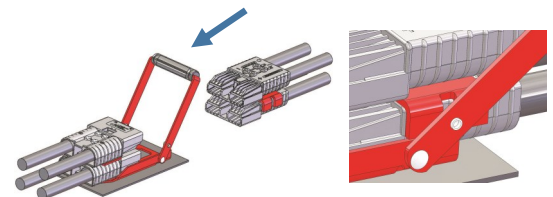


Figure 5



9. Push the Handle so that the Connector Assemblies are mated as shown (see figure 6). If there is a slight gap between connectors, force the battery connector assembly forward until the gap is closed before tightening the bolts
10. Tighten the front (1) Nuts on the Battery Connector Assembly to a torque value of 65 (in-lbs) / 7.3 (Nm) as shown (see figure 7).
11. Tighten the back (2) Bolts on the Battery Connector Assembly to a torque value of 65 (in-lbs) / 7.3 (Nm) as shown (see figure 7).
12. Close the Lever to mate the Battery Connector Assembly to the Charger / Truck Connector Assembly.
13. SBX®350 / SBE®320 DOUBLE STACK ASSEMBLY is complete as shown (see figure 8).

- (OPTIONAL) - To reduce friction between the housings and reduce mating force, white lithium grease can be applied to the mating faces of the contacts and housings, see Preventative Maintenance under Resources at [www.andersonpower.com](http://www.andersonpower.com)

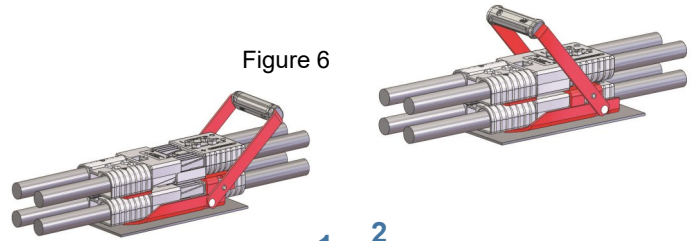


Figure 6

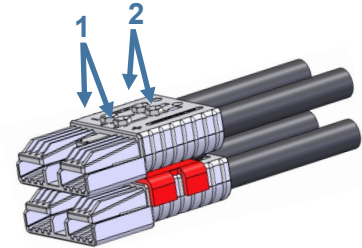


Figure 7

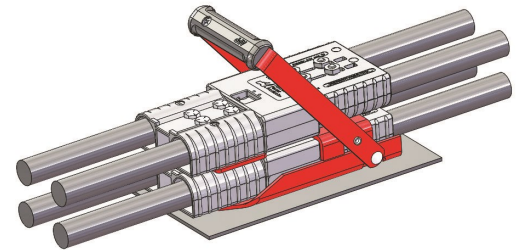
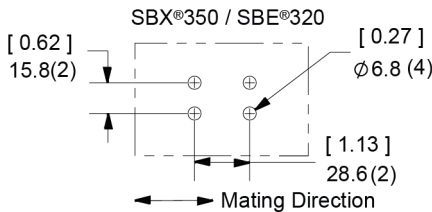


Figure 8  
Fully Assembled

## Hole Pattern Appendix



All Data Subject to Change Without Notice

2023-0043 1S6827 Rev 2

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