



WARNING
Danger of Electric Shock! Installation of this product must be performed by trained installers in accordance with all applicable local, state and national electrical codes, installation standards and safety rules.

INSTALLATION INSTRUCTIONS

for Sweetheart "Flood-Seal"® Mechanical Connector
SHC 1533 SL

1 Cut the rocket/cap ring at tip of the arrow to leave the correct wire range showing.

Remove the insulating rocket from the outlet. Identify the cable size being used and select the correct cut-off ring. For the feed cable, cut the SHC 4596 SL as shown below. For the service cable, cut the CS 4197 as shown to right.

CS 4197
Use for the service cable

SHC 4596 SL
Use for the feed cable

2 Strip the insulation from the cable per the table below. Penciling the edge of the insulation is recommended to ease installation but not required.

Outlet Size	Strip Length
500	3 1/2"
350	2 1/4"

4 Wire brush the bare conductor thoroughly to break up surface oxides. Add oxide inhibitor and brush into the strands.

6 Tighten the setscrews down on the conductor to the specified torque. The use of a torque wrench is recommended. If not available, use a 5/16" allen wrench or a 3/8" drive ratchet with an allen adapter. The use of a "T" handle wrench or 1/2" drive is not recommended.

WIRE SIZE	TORQUE
#14 to #3	120 in-lbs (10 ft-lbs)
#2 to 350	240 in-lbs (20 ft-lbs)
400 to 750	360 in-lbs (30 ft-lbs)

3 Wipe cable clean. Apply silicone grease (included in each rocket) and slide the cut rocket over the prepared cable.

5 Insert the conductor into the outlet barrel, leaving a maximum of 1/8" of bare conductor showing.

7 Slide the rocket sleeve over the outlet and on to the PVC shoulder until the rocket butts against the connector bar.

Thomas & Betts

Limited Warranty Applies. Refer to:
www.tnb.com/ecpwarranty for full warranty terms.

Thomas & Betts Corporation
Memphis, Tennessee
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