



ASSEMBLY INSTRUCTIONS

Power Block Connector

W.T. Storey Inc.
866-355-0100
www.wtstorey.com

Part Numbers:	24LC30L	24LC45L	24LC65L
	48LC30L	48LC45L	48LC65L

*To minimize problems during the assembly
and for ease of alignment,
the following procedures should be followed exactly.*

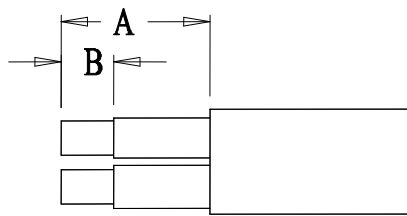
Recommended Installation Tooling

- #2 Phillips screwdriver
- 5/16" hex bit socket
- Torque wrench to 275 inch-pounds (22.9 foot pounds)
- Wire cutter
- Wire Jacket Stripper
- Wire Insulation Stripper

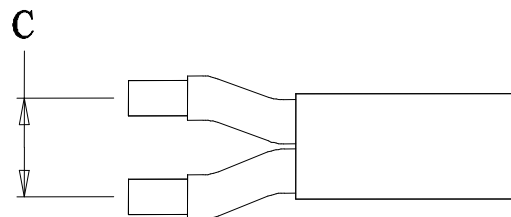
*Accepts input wire
from size
6 GA "B" stranding
to
4/0 GA "O" stranding*

Wire Preparation

- 1.) Make certain the cable end is cut squarely.
- 2.) If the cable is a jacketed pair, then strip the jacket back 2 1/8"-2 1/4" (see Figure 1).
- 3.) Strip the conductor(s) insulation back 3/4"-13/16" (see Figure 1).
- 4.) For a jacketed pair, spread the two conductors apart so that the ends are parallel at approximately 1 3/8" centerline difference (see Figure 2).



A = STRIP LENGTH: 2 1/8" - 2 1/4"
B = CONDUCTOR STRIP: 3/4" - 13/16"
FIGURE 1



C = CONDUCTOR CENTERLINE: 1 3/8"
FIGURE 2

Wire Installation

- 1.) Remove the main body lid.
- 2.) Remove the strain relief clamp.
- 3.) It may be necessary to loosen (counter clockwise) the wire clamp screw slightly to accept the larger size conductors.

Instructions continued on next page



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- 4.) Observe polarity and insert the conductors into the center of the individual terminal blocks until the conductor ends contact the back of the terminal block
- 5.) Use a 5/16" hex bit socket to hand tighten (clockwise) the wire clamp screws onto the conductor(s).
- 6.) Finish tightening the terminal block clamp with a torque wrench to 275 inch-pounds (31 Newton Meters).
- 7.) Replace the main body lid.
- 8.) Reinstall the strain relief clamp by alternating the tightening of the three screws to draw the clamp down evenly. The screws should be tightened to approximately 30 inch-pounds.

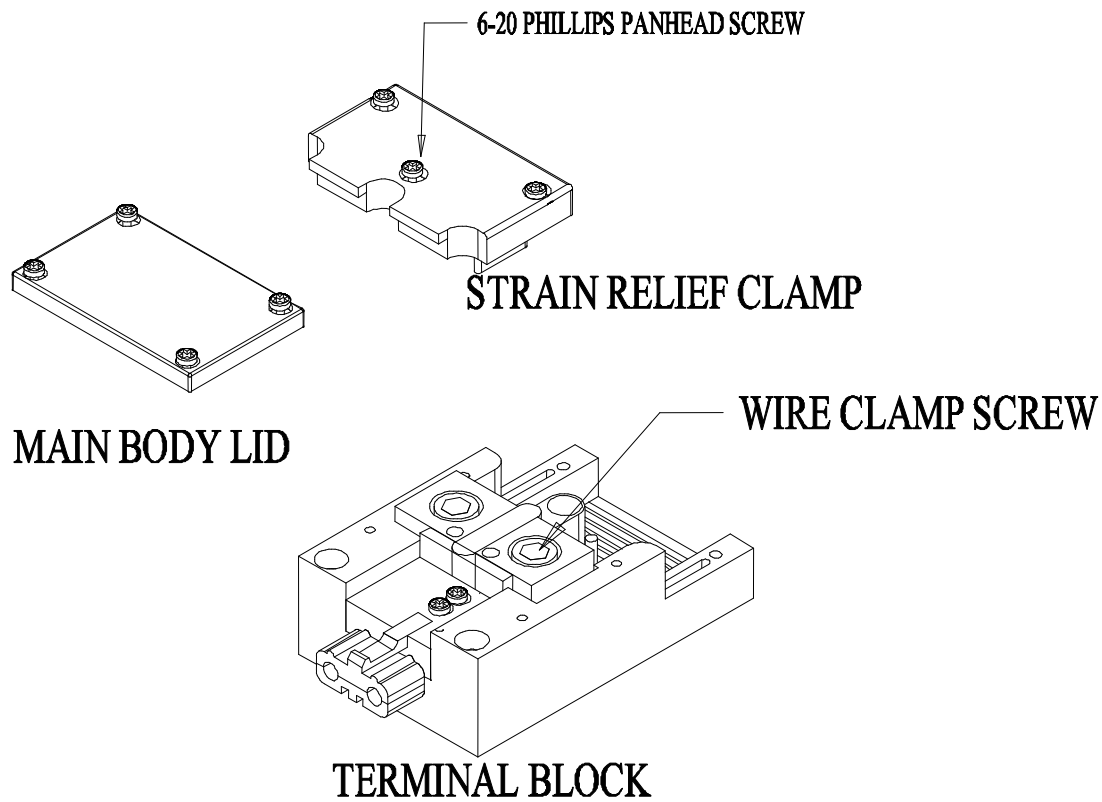


FIGURE 3