

**SOUTHWIRE MODEL 40100  
RV POWER AUTOMATIC TRANSFER SWITCH  
INSTALLATION INSTRUCTIONS**

1. Select correct knock-out, LINE & LOAD sides, select & install strain relief cable connector.
2. Use mounting template hole guide (to the right), to position RV POWER ATSW. Drill holes, in desired location, mount in place.

**NOTE MOUNTING CAUTION ON UNIT COVER**

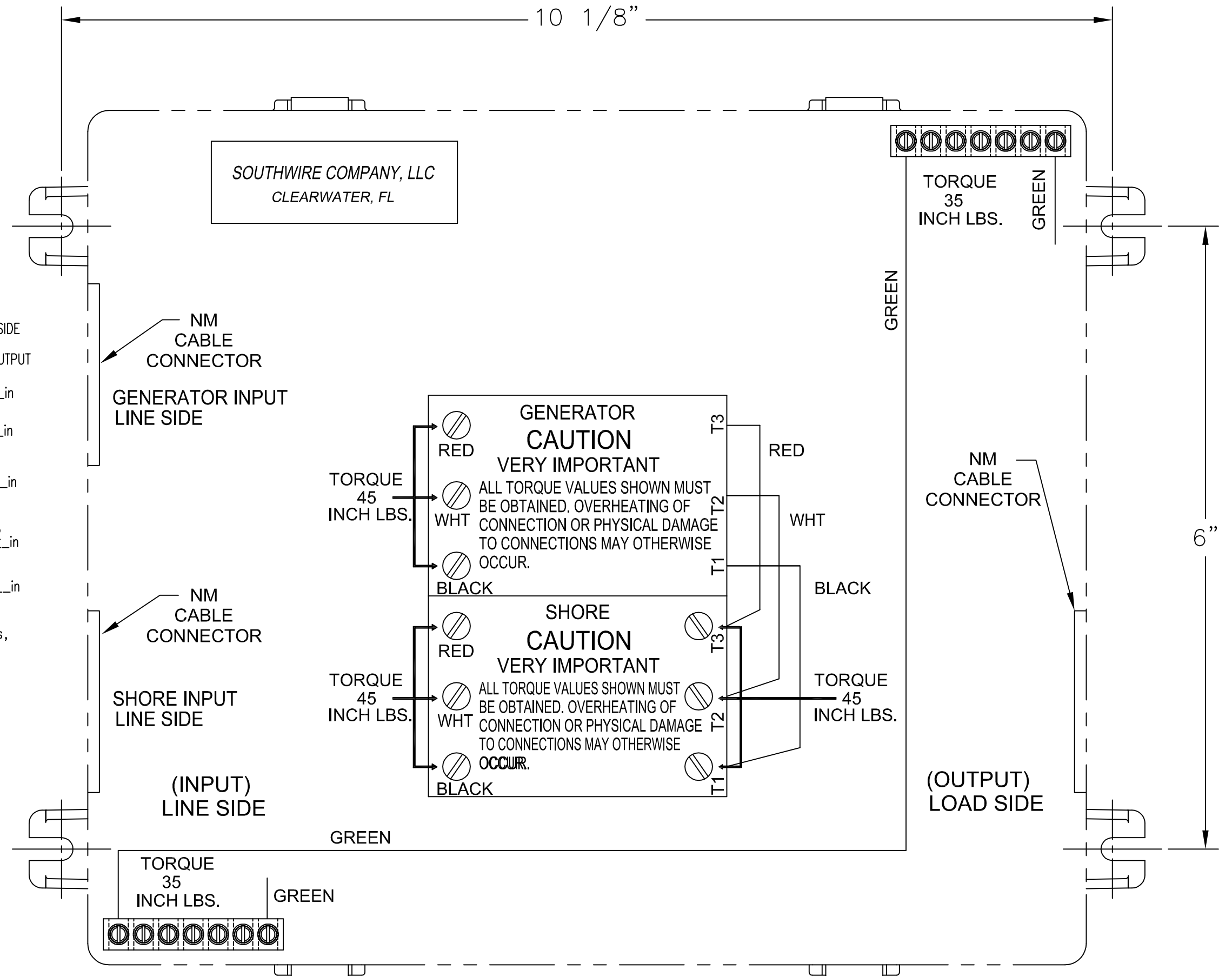
WARNING: ALL CABLE PREPARATIONS MUST BE DONE OUTSIDE THE MOUNTED UNIT. ANY WIRE TRIMMINGS FALLING INTO AND LEFT INSIDE THE UNIT MAY CAUSE A FAILURE THAT WILL VOID THE FACTORY WARRANTY.

3. Cable preparations:	LINE SIDE SHORE INPUT	LINE SIDE GENERATOR INPUT	LOAD SIDE SHORE OUTPUT
Trim outer cable jacket	13 in	10 in	6 in
Wire length GREEN	13 in	10 in	6 in
Strip (bare conductor) GREEN	3/4 in	3/4 in	3/4 in
Wire lengths, RED, WHITE & BLACK	3 in	3 in	3 1/2 in
Strip (bare conductors)	3/4 in	3/4 in	1/2 in

4. Install cables through strain relief connectors, MAINTAIN WIRE COLOR CONTINUITY. TORQUE connections to values shown.
5. Tighten cable strain relief connections.

**TEST PROCEDURE**

1. Plug RV's shore power cord into utility power.
2. Wait for time delay and observe remote display of shore power status.
3. Turn on RV's generator. Observe remote display of transfer.
4. Wait for time delay and observe remote display of generator power status.
5. Switch off generator. Observe remote display of transfer.
6. Wait for time delay and observe remote display of shore power status.



USE AS A MOUNTING TEMPLATE