

SCT MAIN KIT INSTALLATION INSTRUCTIONS



Only qualified personnel should energize this equipment. Conditions caused by damage to this equipment or incorrect installation can result in serious personal injury and extreme damage.

Hazardous voltages in electrical equipment can cause severe injury or death. Do not remove covers, open doors, or work on equipment unless power has been turned off, and all circuits de-energized and disconnected. Disconnect, de-energize, lock-out and properly ground all circuits before working on this equipment. Use proper safety precautions when working on this equipment.

Overview

The SCT is designed to have field installed disconnects in basically any configuration from 15-600 AMP'S. Kit's contain all necessary components for a quick installation. Dead front is designed with break away tabs for easy adjustment to any size with out cutting.

Maximum of 6 disconnects per N.E.C.

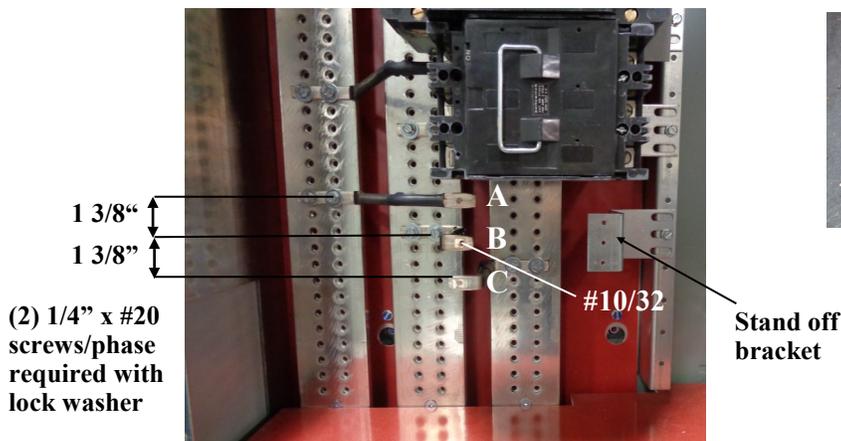
Torque Chart	
Bolt Size	Torque Rating
#8	15" lbs
#10	20" lbs
1/4"	7 ft lbs
5/16"	12 ft lbs
3/8"	20 ft lbs
1/2"	50 ft lbs



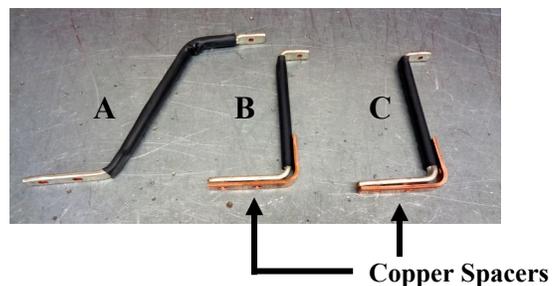
Steps to be Taken

1. See DANGER notes above
2. Remove dead front over chassis
3. Unpack kit(s)
4. Mount stand off bracket to pullout or breaker device on the load side. Pullout/breaker mounting foot to be installed on right side interior rail. (Load cables on right side only.)
5. Install hardware top to bottom (a,b,c) Keep spacing the same as the device to be installed. (200 AMP- B&C phases require copper hardware spacer attached to connecting hardware.)

**15-200 AMP Hardware
Circuit breaker & Fused pullout switch**



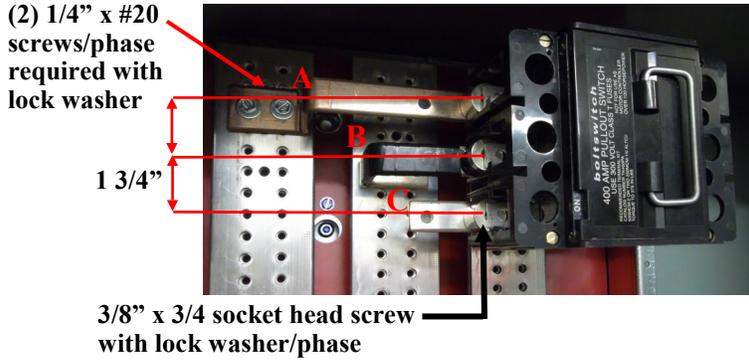
**200 AMP Connecting Hardware
with Copper Spacer**



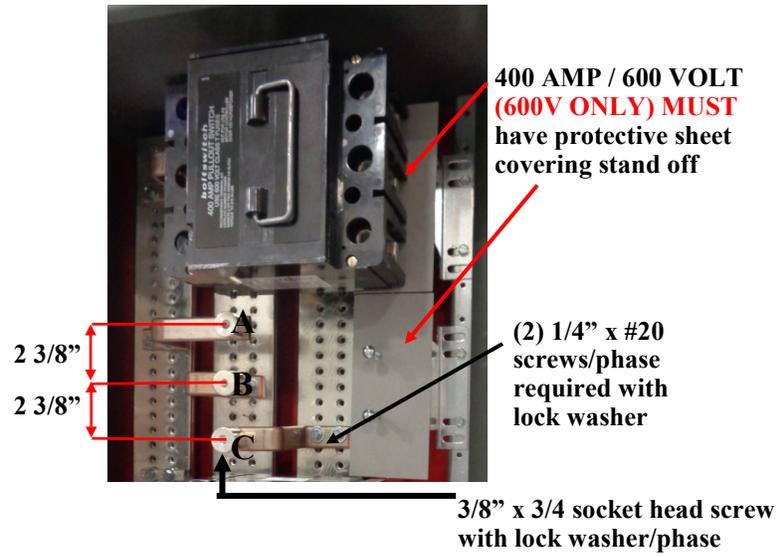
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6. Install disconnect to A, B and C phase hardware. Attach stand off bracket to right side rail. Start all screws before tightening, be sure device is straight, then tighten. (See Torque Chart)

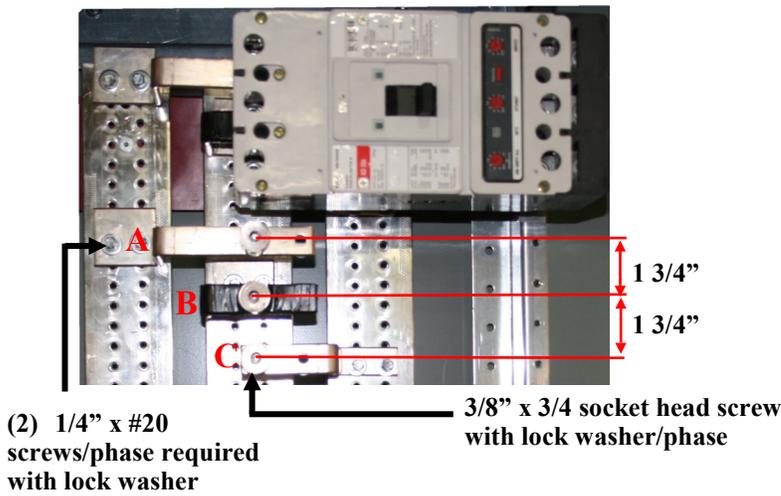
**400 AMP / 240 VOLT
Circuit breaker & Fused pullout switch**



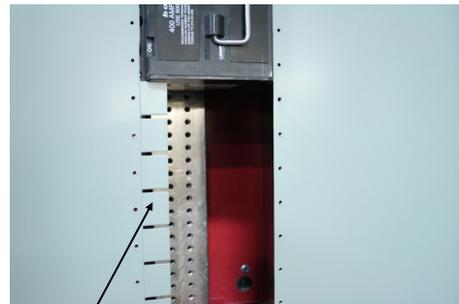
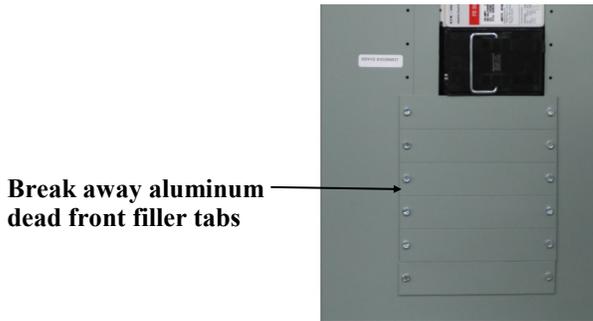
**400 AMP / 600 VOLT
Fused pullout switch**



400 AMP breaker with hardware



- 7. Check all bolts and lugs for correct torque
- 8. Account for all tools used, tool check
- 9. Reinstall covers and adjust dead front. Remove necessary amount of filler plates to allow only enough room for the device.
Filler is made of aluminum break away tabs.



10. Test equipment

