

HPC* Switches Heat Sink

1200A-1600A HPC* SWITCHES

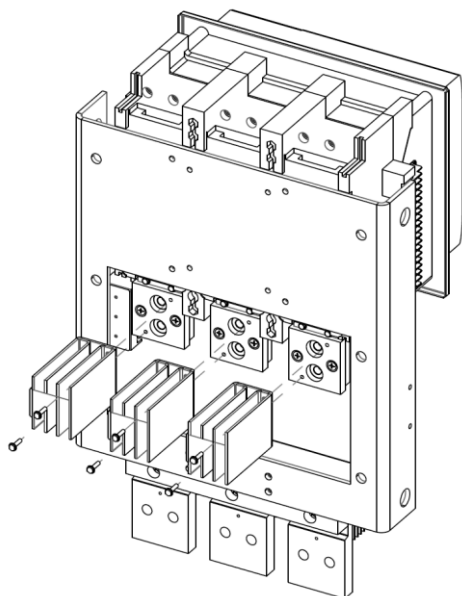


FIG.1 1200A-1600A TOP FEED SWITCH

1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS.
2. HOLD HEAT SINKS IN PLACE AND START SCREWS IN THE HEAT SINK BRACKETS AS SHOWN IN FIG.1. TIGHTEN ALL SCREWS 30 IN-LBS.

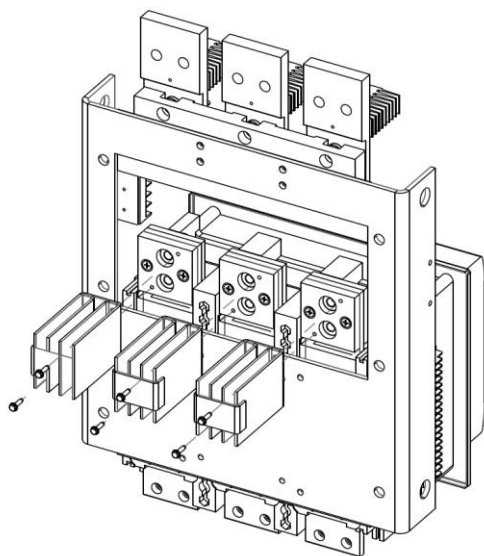


FIG.2 1200A-1600A BOTTOM FEED SWITCH

1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS.
2. HOLD HEAT SINKS IN PLACE AND START SCREWS IN THE HEAT SINK BRACKETS AS SHOWN IN FIG.2. TIGHTEN ALL SCREWS 30 IN-LBS.

2000A HPC* SWITCHES

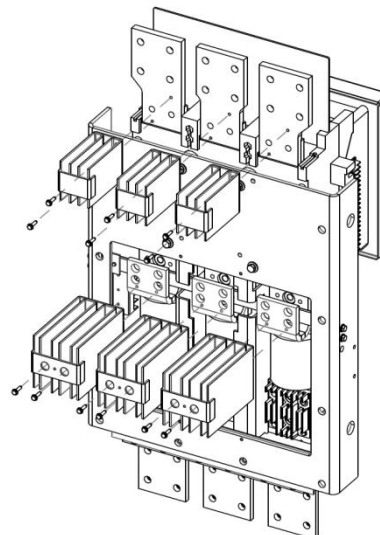


FIG.3 2000A TOP FEED SWITCH

1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS & 3 SIX-FIN HEAT SINKS.
2. HOLD THE FOUR-FIN HEAT SINKS IN PLACE ON THE LINE TERMINALS AND START SCREWS AS SHOWN IN FIG.3. TIGHTEN ALL SCREWS 30 IN-LBS.
3. START THE SCREWS INTO THE U-SHAPED HEAT SINK BRACKETS.
4. WITH LARGE END OF KEYHOLES DOWN, SLIDE THE SIX-FIN HEAT SINKS OVER SCREWS, MAKING CERTAIN THAT SCREW HEADS FULLY ENGAGE NARROW ENDS OF KEYHOLES. TIGHTEN ALL SCREWS 30 IN-LBS.

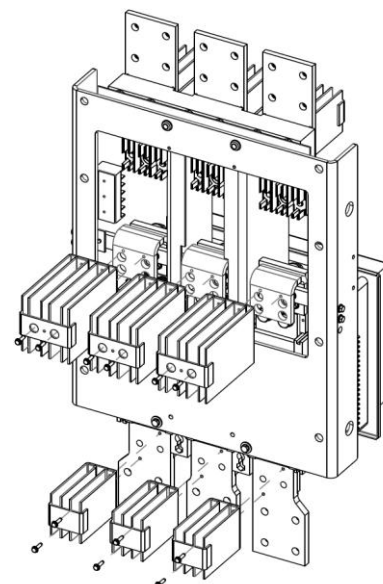
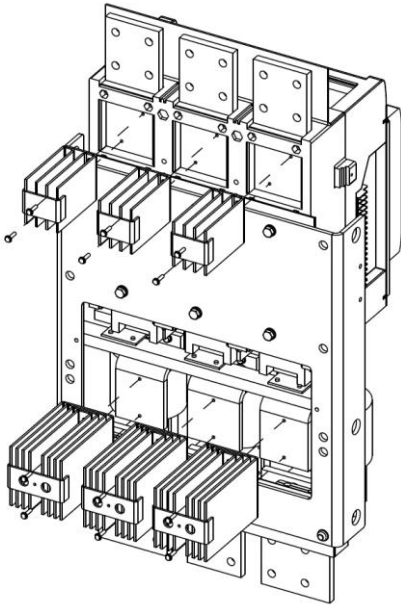
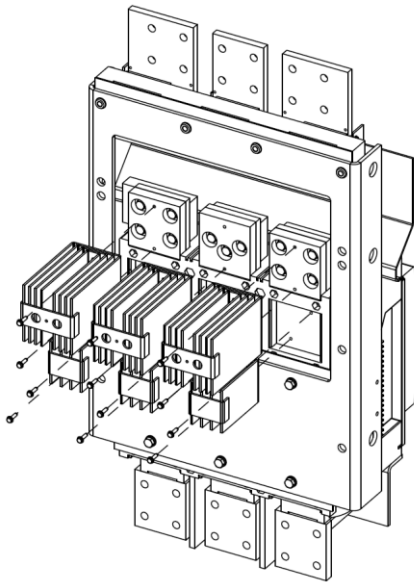


FIG.4 2000A BOTTOM FEED SWITCH

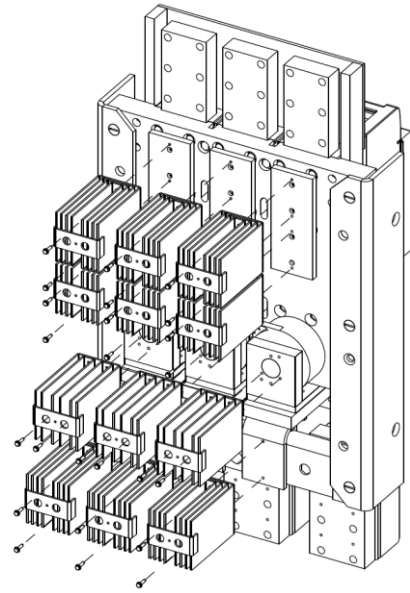
1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS & 3 SIX-FIN HEAT SINKS.
2. HOLD THE FOUR-FIN HEAT SINKS IN PLACE ON THE LINE TERMINALS AND START SCREWS AS SHOWN IN FIG.4. TIGHTEN ALL SCREWS 30 IN-LBS.
3. START THE SCREWS INTO THE U-SHAPED HEAT SINK BRACKETS.
4. WITH LARGE END OF KEYHOLES DOWN, SLIDE THE SIX FIN HEAT SINKS OVER SCREWS, MAKING CERTAIN THAT SCREW HEADS FULLY ENGAGE NARROW ENDS OF KEYHOLES. TIGHTEN ALL SCREWS 30 IN-LBS.

2500A-3000A HPC* SWITCHES**FIG.5 2500A-3000A TOP FEED SWITCH**

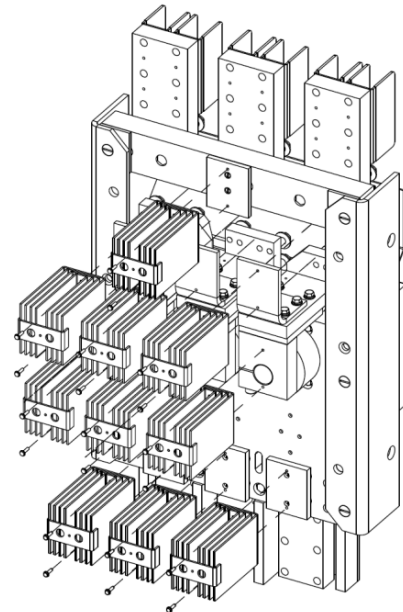
1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS & 3 EIGHT-FIN HEAT SINKS.
2. HOLD THE FOUR-FIN HEAT SINKS IN PLACE ON THE LINE TERMINALS AND START SCREWS AS SHOWN IN FIG.5. TIGHTEN ALL SCREWS 30 IN-LBS.
3. HOLD THE EIGHT-FIN HEAT SINKS IN PLACE ON THE L SHAPED HEAT SINK BRACKETS AND START SCREWS AS SHOWN IN FIG.5. TIGHTEN ALL SCREWS 30 IN-LBS.

**FIG.6 2500A-3000A BOTTOM FEED SWITCH**

1. SWITCH REQUIRES 3 FOUR-FIN HEAT SINKS & 3 EIGHT-FIN HEAT SINKS.
2. HOLD THE FOUR-FIN HEAT SINKS IN PLACE ON THE LINE TERMINALS AND START SCREWS AS SHOWN IN FIG.6. TIGHTEN ALL SCREWS 30 IN-LBS.
3. HOLD THE EIGHT-FIN HEAT SINKS IN PLACE ON THE HEAT SINK BRACKETS AND START SCREWS AS SHOWN IN FIG.6. TIGHTEN ALL SCREWS 30 IN-LBS.

4000A HPC* SWITCHES**FIG.7 4000A TOP FEED SWITCH**

1. SWITCH REQUIRES 3 SIX-FIN HEAT SINKS & 9 EIGHT-FIN HEAT SINKS.
2. START THE SCREWS INTO THE COPPER PLATE IN FRONT OF CURRENT SENSOR AS SHOWN IN FIG.7.
3. WITH LARGE END OF KEYHOLES DOWN, SLIDE THE SIX-FIN HEAT SINKS OVER SCREWS, MAKING CERTAIN THAT SCREW HEADS FULLY ENGAGE NARROW ENDS OF KEYHOLES. TIGHTEN ALL SCREWS 30 IN-LBS.
4. HOLD THE EIGHT-FIN HEAT SINKS IN PLACE ON THE L SHAPED AND LONG HEAT SINK BRACKETS AND START SCREWS AS SHOWN IN FIG.7. TIGHTEN ALL SCREWS 30 IN-LBS.

**FIG.8 4000A BOTTOM FEED SWITCH**

1. SWITCH REQUIRES 10 EIGHT-FIN HEAT SINKS.
2. HOLD THE EIGHT-FIN HEAT SINKS IN PLACE ON THE COPPER PLATE IN FRONT OF CURRENT SENSOR, THE L-SHAPED HEAT SINK BRACKETS, THE SINGLE HEAT SINK BRACKET ON TOP AND THREE HEAT SINK BRACKETS IN BOTTOM AS SHOWN IN FIG.8 AND START SCREWS. TIGHTEN ALL SCREWS 30 IN-LBS.