

## **T1/T12 Circuit Breaker Installation.**

These instructions apply to bracket mounted T1 and T12 circuit breakers with and without emergency overload features.

### With Emergency Overload

1. To prepare for installation remove the bracket mounted breaker and it's associated operating handle from it's packaging making sure that the operating handle shipped with the particular breaker stays with it. Adjustment will be lost if this is not adhered to. Remove the mounting nut from the operating handle and remove the cotter pin from the emergency overload arm assembly and slide the assembly off the shaft. Get a cotter pin and a meter seal from the shipping bags. The kit is now ready for installation.
2. Insert the breaker/bracket into the transformer tank and align the mounting hole with the hole in the tank wall. Insert the operating handle through the hole in the tank wall and the hole in the bracket. The center depression on the circumference of the operating detail must fit over the protrusions in the tank wall and bracket mounting holes. Install the mounting nut and tighten. Torque to 200- 250 inch pounds.
3. Move the emergency lever on the breaker to the normal position. (All the way to the left when looking down into the tank) . Move the emergency overload lever on the operating detail as far as it will go in an clockwise direction.
4. Slide the emergency overload arm assembly onto the shaft taking care that the roll pin on the breaker overload lever is in the slot in the arm. Line up the holes in the bushing on the arm assembly with the hole in the shaft and insert the cotter pin. Secure the cotter pin.
5. Install the meter seal.
6. Attach the operating rod which has been pre assembled to the circuit breaker to the bent shaft of the operating detail with the separately shipped cotter pin. Secure cotter pin.

Mechanical installation is now complete.

### Without Emergency Overload.

1. To prepare for installation remove the bracket mounted breaker and its associated operating handle from it's packaging making sure that the operating handle shipped with the particular breaker stays with it. Adjustment will be lost if this is not adhered to. Remove the mounting nut from the operating handle. Get a cotter pin from the shipping bag. This kit is now ready for installation.
2. As above
3. As above