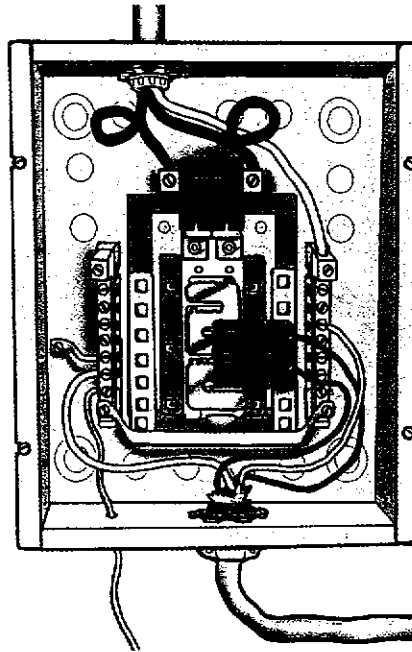


## Sub Panel Wiring

**Fig. 39**  
**Service Panel**

This is a common style of panelboard. When used as a service, the white neutral and the bare or green equipment grounds **MUST** be bonded together. This connection is essential to the safe operation of the grounding system.



**Fig. 40**  
**Subpanel**

In a downstream sub-panelboard, the white neutral and the equipment grounds must not be bonded together. The neutral **MUST** "float" from contacting the metal enclosure and any equipment grounds. Bonding these conductors is hazardous.

