

# FUSING INSTRUCTIONS

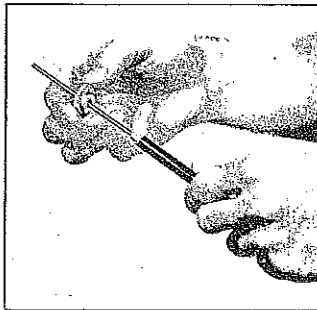
# SOUTHERN STATES POWER FUSES

## TYPES BPA AND HPA - VERTICAL, UNDERHUNG, AND 45° UNDERHUNG MOUNTED POWER FUSES

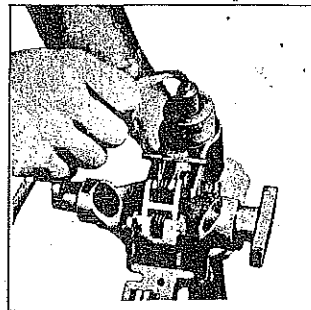
Southern States Fuse Kits are supplied with two sets of expendable caps and fuse link button heads (except kits rated 250 and 300 amps). It is necessary to provide you with two sizes due to changes in fuse holder construction. The first step in the selecting the right

cap for your particular fuse construction is to match the larger cap with the larger button head and the smaller cap with the smaller button head. It is then simply a matter of choosing the cap which fits your fuse holder. The other units can then be discarded.

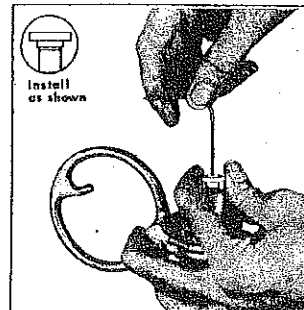
### FOR FUSES RATED 100 AMPERES WITH ONE-PIECE CAP



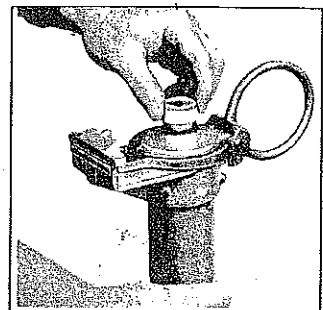
**STEP 1.** Install re-fusing tool in fuse link and remove button head as shown. Note: Re-fusing tool has left-hand thread.



**STEP 2.** Insert tip of re-fusing tool into hinge end of fuse tube. Push link through tube until ejector spring seats on counterbored shoulder inside fuse tube.

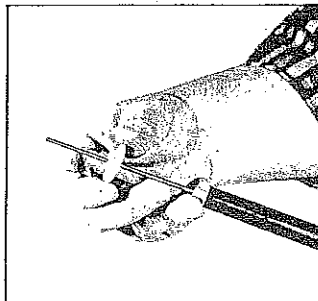


**STEP 3.** Pull re-fusing tool, compressing ejector spring. Start button head on ferrule. Bend re-fusing tool to right angle and tighten in ferrule. "Tighten button head" solidly against ferrule collar. Remove re-fusing tool, taking care not to loosen button head.

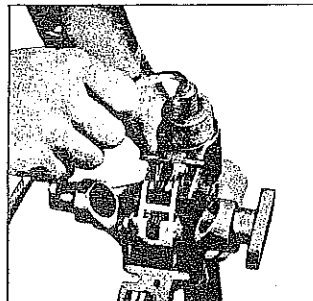


**STEP 4.** Screw expendable cap into place.

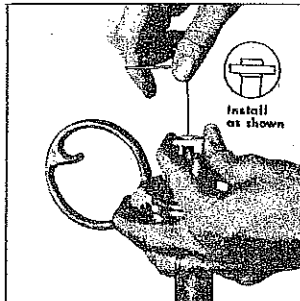
### FOR FUSES RATED 100-200-300-400 AMPERES WITH TWO-PIECE CAP



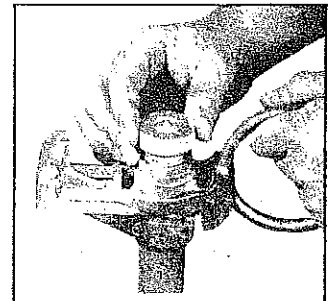
**STEP 1.** Install re-fusing tool in fuse link and remove button head as shown. Note: Re-fusing tool has left-hand thread.



**STEP 2.** Insert tip of re-fusing tool into lower end of fuse tube. Push link through tube until ejector spring seats on counterbored shoulder inside fuse tube.

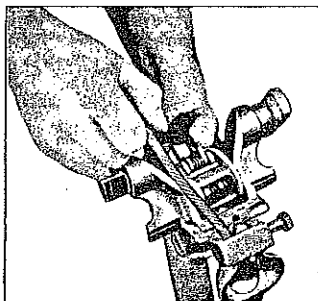


**STEP 3.** Pull re-fusing tool, compressing ejector spring. Start button head on ferrule. Bend re-fusing tool to right angle and tighten in ferrule. "Tighten button head" solidly against ferrule collar. Remove re-fusing tool, taking care not to loosen button head.

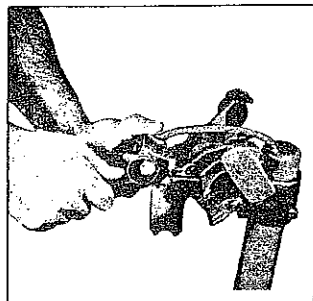


**STEP 4.** Screw expendable cap into place taking care not to remove silicone sealing compound applied inside cap.

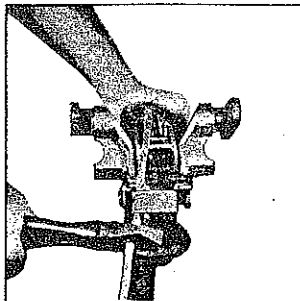
### PROCEDURE FOR TERMINATING LOWER CABLE ON FUSES OF ALL RATINGS



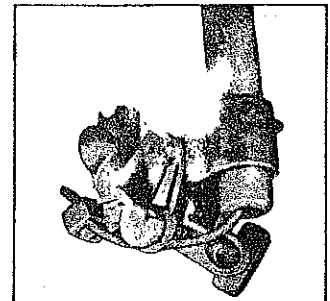
**STEP 1.** Rotate hinge only far enough to permit link ejector to bottom on its stop. Further rotation places undue stress on the link. Insert cable under keeper.



**STEP 2.** Pull link tight, holding ejector in position against its stop, and tighten bolt.



**STEP 3.** Clip off excess cable.



**STEP 4.** Fuse holder is now ready for service.

**\*IMPORTANT:** Button head **MUST** be solidly tightened against collar; however, be careful not to twist fuse elements during installation.