

Instructions for Installing a Switch to Williams Relay Boards

Before starting: Please be aware that performing this change voids the warranty on the reverse board of this locomotive.

- 1) Solder a wire from the junction of the 22K/10K resistors (*see diagram*) to one outside terminal
- 2) Unsolder and lift inner end of the 100K resistor (*see diagram*)
- 3) Solder a wire from the now free end of the 100K resistor to the other outside terminal of the switch
- 4) Solder a wire from the now vacant hole in the board (*hole vacated by inner end of 100K resistor*) to the center terminal of the switch.

CAUTION: DO NOT allow switch solder connections to contact metal floor of locomotive.

