INSTALLATION INSTRUCTIONS
FOR RPX-4053A
FIELD MODIFICATION KIT

The RPX-4053A Field Modification Kit for the TEK-5E Test Bench
Metering Panel makes it possible to reverse the polarity of M-1 and
M-2 when the panel is used with equipment requiring this modification,
such as the MITREK radios. It consists of a four pole double throw
toggle switch (40-80333AB5) pre-wired to two four conductor cables,
and an identification label (33-80333A70).

The switch may be installed either in the panel location provided for
jack TP-1 or in another ½ diameter hole drilled in the front panel
in line with and 1½ inches to the left of TP-1. If TP-1 is removed,
resistor R-9 and the red-yellow wire between J-2 and TP-1 must also
be removed.

Before installing the new switch, the four wires connecting meters
M-1 and M-2 to S-5 should be removed. They are colored brown-white,
brown, red-blue and red; a note should be made of the termination
positions of both ends of these wires. Next, the switch position
identification label should be applied to the panel, making sure that
the hole in the label is aligned with the ½ inch panel hole to be used
for the switch. Finally, the switch should be installed with the
alignment notch on the threaded bushing facing down, the hex nut inside
the panel and the flat washer and round nut outside the panel.

The wires connected to the switch are tied into two cables, one about
1½ inches longer than the other. These wires are color coded the same
as the four wires previously removed and must be connected at the
proper locations to the previously identified terminals. The wires in
the longer cable should be connected to the meters, those in the
shorter cable to S-5.