

## TROUBLE SHOOTING CHART

TROUBLE	POSSIBLE CAUSE	SERVICE PROCEDURE
Meter reads backward (downscale) in the forward position	CR-1 polarity reversed	Check wiring of CR-1.
Meter reads backward (downscale) in the reverse position	CR-2 polarity reversed	Check wiring of CR-2.
Meter reads Backward (downscale) in both switch positions	CR-1 and CR-2 polarities reversed	Check wiring of CR-1 and CR-2.
	Meter polarity reversed	Check meter connections.
Meter pegs	Sensitivity control set too high	Check setting of control. Check for open control.

TROUBLE	POSSIBLE CAUSE	SERVICE PROCEDURE
No meter reading in forward position	Poor connection to switch	Check connection to terminal 1 of switch.
	Defective sensitivity control	Unsolder the black lead from S-1. Check continuity from terminal 1 of the switch to ground with the sensitivity control all the way to the left. The reading should be 25K and decrease as the sensitivity control is rotated to the right. Be careful not to peg the needle of the meter.
	Defective component in the pick-up unit	With the black lead disconnected from S-1 check the resistance of R-2. If defected replace. If R-2 checks okay replace C-1 with C-2 or another .001 $\mu$ f, 600 volt capacitor. If this fails to remove the trouble then the defective component is CR-1.