

TROUBLE SHOOTING CHART

TROUBLE	POSSIBLE CAUSE	SERVICE PROCEDURE
No meter reading in the reverse position	Poor switch connection	Check connection to terminal 3 of the switch.
	Defective sensitivity control	Unsolder the red lead from S-1. Check continuity from terminal 3 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 meter.
	Defective component in the pick-up unit	With the red lead disconnected from S-1, check the resistance of R-1. If defective replace. If R-1 checks okay, replace C-2 with C-1 or another .001 μ f, 600 volt capacitor. If this fails to remove the trouble then CR-2 is defective.

TROUBLE	POSSIBLE CAUSE	SERVICE PROCEDURE
Can not read zero, when aligning in the forward position when using a dummy load	Improper dummy load	Check value of dummy load (52 Ω with 160 Ω resistors and 72 Ω with 100 Ω resistors). Be sure carbon resistors with short leads are used for the dummy load.
	R-2 incorrect	Be sure that R-2 is the correct value, depending on the coaxial line used, and is within 5% tolerance.
	Incorrect coax line	Check that correct impedance coax line is used.