



1-205-788-2437

**HOOK-UP AND OPERATING INSTRUCTIONS FOR  
MODELS  
SST**

**SELECT A FLAT AREA NEAR THE HOOK UP POINT**

**MAKE SURE YOU CAN SEE CONTROL PANEL AND YOUR FOOTING IS SOUND.**

**CLEAN** BOTH GROUND CONNECTION POINT AND POINT OF HOOK-UP ON TARGET CABLE CONCENTRIC. **FULLY** EXTEND THE GREEN CASE GROUND CABLE. MAKE SURE THERE ARE NO LOOPS AND ATTACH TO SYSTEM GROUND.

**MAKE SURE TARGET CABLE IS DE-ENERGIZED.** SELECT THE PROPER ATTACHMENT FOR YOUR APPLICATION EITHER THE ELBOW PROBE, THE VISE-GRIPS OR THE SMALL HOT LINE CLAMP. **HOOK THE GREEN TAGGED LEG OF THE HIGH VOLTAGE LEAD TO THE CONCENTRIC NEUTRAL OF THE TARGET CABLE. MAKE SURE CLAMP IS TIGHT. HOOK UP THE HIGH VOLTAGE RED TAGGED LEAD TO THE TARGET CABLE.**

**SWITCH THE ON OFF SWITCH TO THE ON POSITION.**

**THE RADAR SCREEN WILL ACTIVATE, TURN THE CONTRAST KNOB SO THE IMAGE IS CLEAREST.**

**VERIFY THAT CABLE END WAS PROPERLY FOUND**

**IF CABLE END WAS NOT FOUND THEN:**

**SELECT RANGE USING ( < > ) BUTTONS** TO SEE THE LARGEST UP BLIP INDICATING THE OPEN OR END OF CABLE.

**PRESS THE RIGHT MARKER BUTTON,** THE ARROW IMAGE WILL MOVE OPPOSITE THIS BUTTON. MOVE THE RIGHT MARKER TO THE LEFT SIDE OF THE UP BLIP USING THE ( < > ) BUTTONS, THE BOX IN THE LOWER LEFT HAND OF THE SCREEN WILL INDICATE THE LENGTH OF CABLE OR DISTANCE TO THE OPEN.

**PRESS THE GREEN START BUTTON.**

**THE SCREEN WILL SHOW A TWO TRACES AND THE TEXT WILL READ "WAITING FOR THUMPER" AND THE CAPACITOR WILL BEGIN TO CHARGE. WHEN THE CAPACITOR DISCHARGES THE UPPER TRACE WILL DEPICT THE FAULT SIGNIFIED BY A DEFINITE DOWN-BLIP AND OR DIVERGENCE FROM THE ABOVE REFERENCE TRACE. IF BOTH TRACES ARE IDENTICAL THERE IS NO FAULT ON SECTION YOU ARE CONNECTED TO.**

**IF THE TRACES ARE DIFFERENT, MOVE THE RIGHT MARKER USING THE( < > ) BUTTONS TO THE LEFT SIDE OF THE DOWN BLIP. THE BOX IN THE LEFT LOWER SCREEN WILL SHOW DISTANCE TO THE FAULT. PRESS RED STOP BUTTON.**

**IF SECTIONALIZING, USE MAPS, JUDGMENT, AND THE DISTANCE FOUND TO DETERMINE WHICH TRANSFORMERS THE FAULT IS BETWEEN.**

**IF PINPOINTING, DISPATCH PINPOINT PERSONNEL ALONG LOCATED CABLE PATH TO THE DISTANCE GIVEN LESS FOOTAGE TO BOTTOM OF DITCH AND OR DOWN FROM TERMINAL POLE.**

**WHEN PINPOINT PERSONNEL ARE IN PLACE, PRESS AND HOLD RADAR/THUMP BUTTON TO CHANGE TO THUMP MODE.**

**PUSH GREEN START BUTTON.** THE CAPACITOR WILL CHARGE AND THUMP APPROXIMATELY EVERY 10 TO 20 SECONDS.

**LOCATE FAULT BY THE SOUND AT FAULT. IF YOU DO NOT HEAR OR FEEL THE THUMP RAISE VOLTAGE AND THUMP AGAIN.**

