

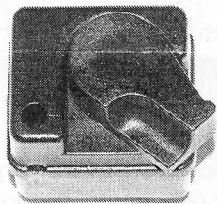
**ESI Tip
Operating Instructions
and
Calibration Procedure**



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STEP ONE
PLACE CROSS-PIERCING
ELECTRODE CONTROL LEVER
IN THE SAFE POSITION (*AWAY*
FROM SHOCK TUBE HOLE)

SHOCK
TUBE HOLE

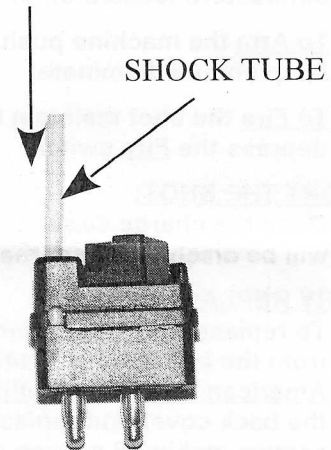


FIRE ↔ SAFE

STEP TWO
PUSH SHOCK TUBE THROUGH
THE LOADING HOLE UNTIL
THE CENTER ELECTRODE IS
INSIDE OF THE SHOCK TUBE.
DO NOT TWIST THE SHOCK
TUBE WHEN INSERTING OR
REMOVING. (THIS CAN CHANGE
THE CALBRATION OF THE
CENTER ELECTRODE.)

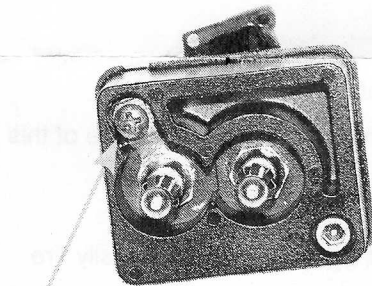
STEP THREE
MOVE THE CONTROL ARM
LEVER TO THE FIRE POSITION.

***** IMPORTANT *****
ALWAYS MOVE PIERCING
CONTROL ARM LEVER TO SAFE
POSITION BEFORE REMOVING
SHOCK TUBE



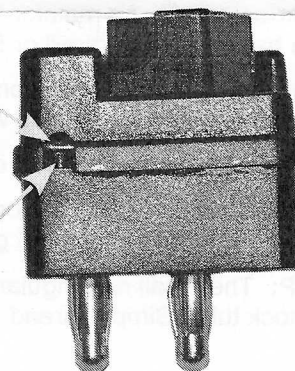
CALIBRATION PROCEDURE:

1. MOVE CONTROL HANDLE TO SAFE POSITION.
2. BACK OFF ADJUSTMENT SCREW 3 OR 4 TURNS.
3. MOVE CONTROL HANDLE TO FIRE POSITION.
4. INSPECT THE POSITION OF THE CROSS-PIERCING ELECTRODE. **WHEN LOOKING FROM THE SIDE, THE CROSS-PIERCING ELECTRODE SHOULD BE STRAIGHT AND NOT HAVE AN UP OR DOWN TILT. WHEN LOOKING FROM THE TOP, IT SHOULD PASS DIRECTLY OVER THE CENTER ELECTRODE.**
5. SCREW CENTER ELECTRODE IN UNTIL IT TOUCHES CROSS-PIERCING ELECTRODE. **TIP: AN OHM METER CONNECTED TO BANANA PLUGS CAN BE USED TO DETECT ELECTRODE CONTACT.**
6. BACK OFF 1/3 - 1/2 TURN COUNTER-CLOCKWISE.
7. TEST UNIT.
8. BACK OFF CENTER ELECTRODE AS NECESSARY TO PREVENT PREMATURE ARCING.



CENTER ELECTRODE
ADJUSTMENT SCREW

CROSS-PIERCING
ELECTRODE



CENTER ELECTRODE