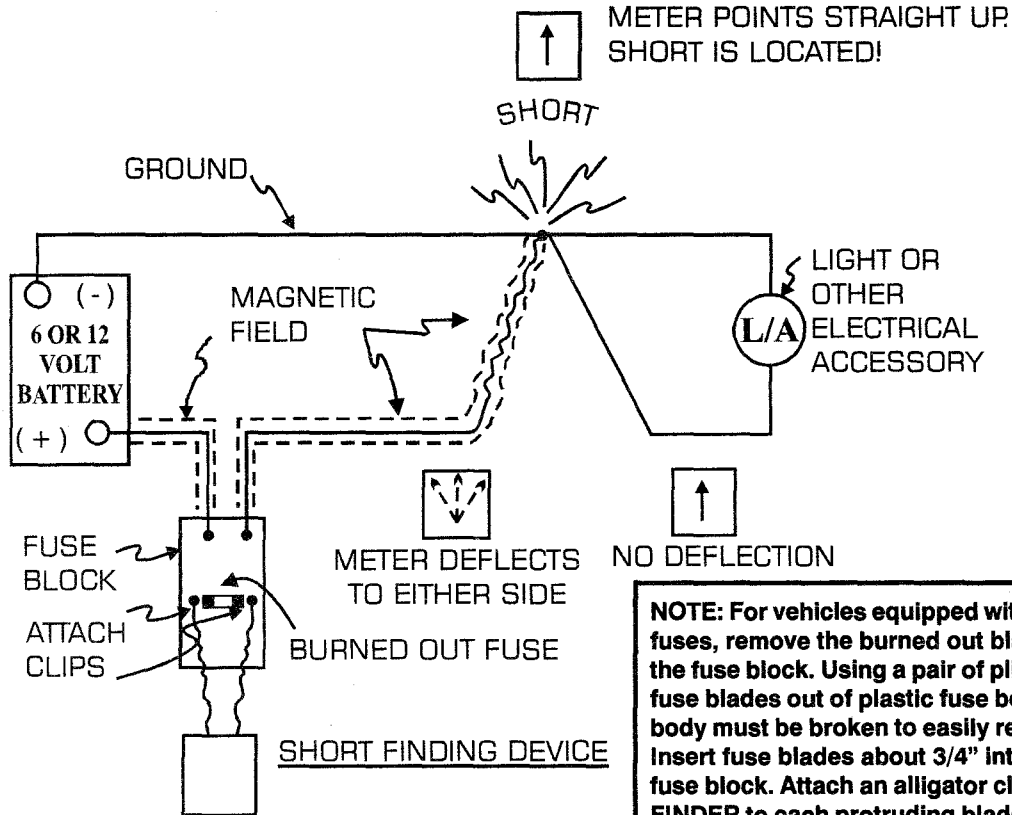


## INSTRUCTIONS

**SHORT AND OPEN CIRCUIT LOCATOR****TYPICAL AUTOMOTIVE SHORT CIRCUIT**

**NOTE:** For vehicles equipped with blade type fuses, remove the burned out blade fuse from the fuse block. Using a pair of pliers, pull both fuse blades out of plastic fuse body. Plastic body must be broken to easily remove blades. Insert fuse blades about 3/4" into receptacle of fuse block. Attach an alligator clip from SHORT FINDER to each protruding blade end and proceed as outlined above.

**NOTE:** BEFORE USING THIS DEVICE, CONSULT THE VEHICLE SERVICE MANUAL FOR SPECIFIC CIRCUIT DIAGRAMS IN EACH FUSED CIRCUIT AND ANY PARTICULAR TEST OR REPAIR PROCEDURES. NOT RECOMMENDED FOR TESTING ELECTRONIC ENGINE OR BODY CIRCUITS INCLUDING: COMPUTERS, SENSORS, FUEL INJECTORS AND AIR BAGS.

**TO LOCATE A POINT OF SHORT CIRCUIT:**

1. Move locator switch to "OFF" position.
2. Connect leads across circuit breaker or to end of burned out fuse.
3. Move locator switch to "ON" position
4. Any lights or accessories in the shorted circuit that operate (even momentarily) are not shorted out.
5. Hold the meter as near as possible to the wire of the shorted circuit where it leaves the fuse.
6. Slowly trace the wire by moving the meter toward the inoperative accessory. The needle of the meter will deflect to either side until you pass over the area of the short. At this point, the needle will stand straight up. If the meter is moved beyond the point of the short, the needle will remain steady.

**TO LOCATE AN OPEN CIRCUIT:**

1. Move locator switch to "OFF" position.
2. Attach test leads to any locations along the circuit.
3. Red light indicator will glow whenever voltage is detected in the circuit