Ignition Leads and Ignition Lead Connectors

Job No. 15—24

A. Checking Ignition Leads and Ignition Connectors for Continuity while Installed in Vehicle

1. Pull the ignition lead connectors off the spark plugs and pull the ignition leads out of the distributor cap.

2. Check each ignition lead together with its appropriate connector with a neon light. Hold one of the two test prods of the neon light against the free end of the lead and the second prod on the contact screw in the ignition lead connector.
   If the neon light lights up completely, the ignition lead and its associated connector are in order.

B. High-voltage Checking of Ignition Lead Insulation

1. Pull the ignition leads out of the distributor cap and the ignition lead connectors off the spark plugs.

2. After unscrewing the two hexagon screws at the cylinder head cover, remove the ignition cable set together with the conduit.

3. Pull the ignition leads out of the conduit.

4. Connect each cable in turn to a source of high voltage and run the cleaned end of a cable connected to ground along the ignition lead at a distance of approx. 5 mm. No spark must pass from the ignition cable to the ground cable while this check is being made.

C. Checking Suppressed Ignition Lead Connectors and Distributor Rotor Arms

Suppressed ignition lead connectors and distributor rotor arms can only be checked with a resistance bridge. If the ignition lead connectors and the distributor rotor arm are in good condition, the resistance value read off must be 5000 Ohms.