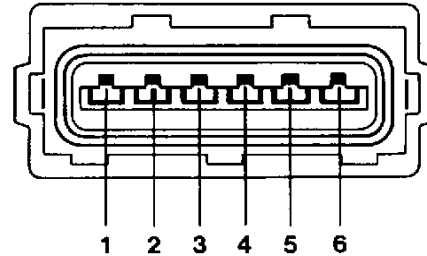
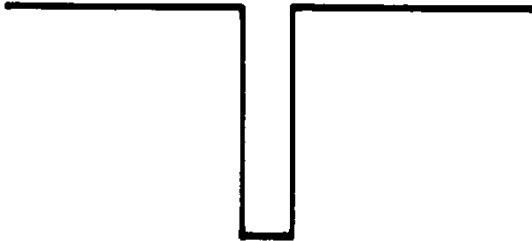


Oscilloscope should display following control signal.



If no signal is displayed, check power flow from terminal 16 of electronic ignition control unit plug to terminal 1 of LH control unit plug.  
If power flow is okay, replace electronic ignition control unit.

Pull off relay XVI for this purpose and bridge terminals 30 and 87.

Specification: battery voltage.

#### TEST POINT 3

4. Measure resistance for idle mixture position.  
Connect ohmmeter on terminals 6 and 3 of air flow sensor.

Specification: 0 . . . 1000 ohms.

#### LH Air Flow Sensor

1. Take off upper air cleaner housing and filter element.

5. Connect ohmmeter on terminals 5 and 3 of air flow sensor.

Specification: 3.6 . . . 4.1 ohms.

2. Pull lower air cleaner housing and air flow sensor out of air guide housing.

3. Pull off multiple pin plug on air flow sensor.

Measure voltage between terminals 4 and 2 (positive) on disconnected plug.

## 6. Checking "Free Burning" of Heated Wire

### 6.1 Visually inspect

- plug connection and contacts,
- wire grid for damage and
- heated wire for breaks.

### 6.2 Install air flow sensor with lower air cleaner housing.

Coat O-ring in air guide housing with silicone for this purpose.

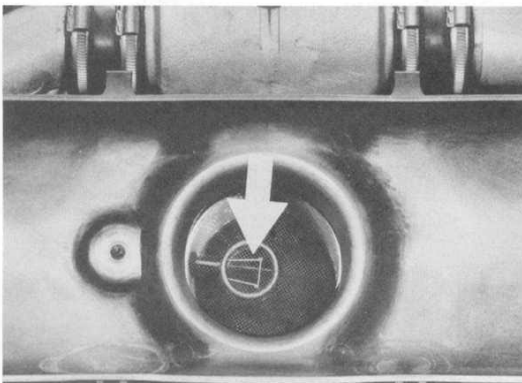
Connect plugs on air flow sensor and temperature sensor.

Push in air flow sensor carefully.

### 6.3 Do not install filter element and upper air cleaner housing.

Run engine having operating temperature at approx. 2,000 rpm and then switch off ignition.

Observe heated wire with help of a mirror.



Heated wire must glow about 1 second after waiting approx. 4 seconds.

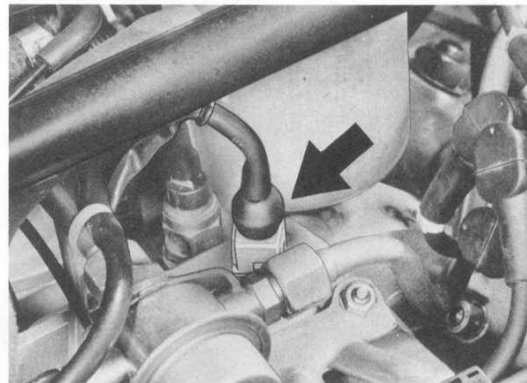
Check activation and wires in case of malfunction.

(LH plug terminal 8 to air flow sensor terminal 1).

## TEST POINT 4

### Temperature Sensor II (Engine Temperature)

1. Check plug connection on temperature sensor II for tight fit and clean contacts.



2. Connect ohmmeter on terminals 2 and 5 of disconnected LH multiple pin plug.

Specifications:

0 °C/	32 °F =	4.4 – 6.8 kΩ
15 to 30 °C/59 to 86 °F =		1.4 – 3.6 kΩ
40 °C/	104 °F =	0.9 – 1.3 kΩ
60 °C/	140 °F =	480 – 720 Ω
80 °C/	176 °F =	250 – 390 Ω

If specified values are not reached, repeat same tests on the temperature sensor direct.