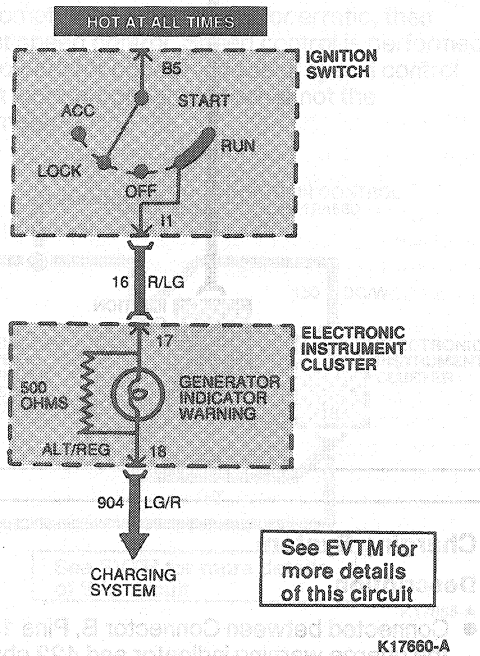


**DIAGNOSIS AND TESTING (Continued)**

**Quick Check**

- Look for a charging system warning that normally occurs with key in RUN position, engine off. The warning should come on within approximately 15 to 20 seconds.
- Start engine and charging system warning should go away. Wait at least 15 seconds.



**Windshield Washer Level**

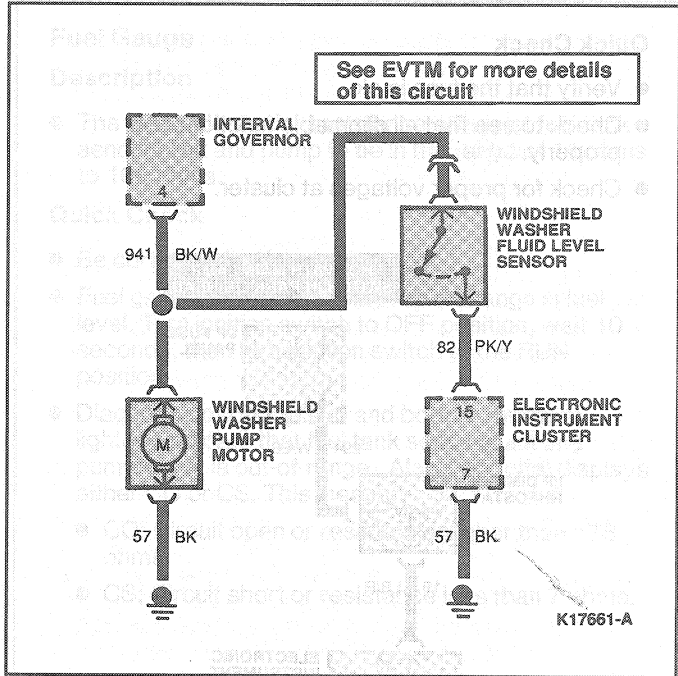
**Description**

- The fluid level sensor is open when level is full. When fluid is low the sensor switch closes. The next time washer fluid is used, run voltage is fed to Connector B, Pin 15 through the sensor. Washer fluid will then light and remain on until the next key cycle.

**Quick Check**

- Turn ignition switch to OFF position. Disconnect harness connector near sensor. Turn ignition switch to RUN position. No warning should be displayed.
- Turn ignition switch to OFF position. Place jumper across signal and ground at harness connector. Turn ignition switch to RUN position. A warning should be displayed.

**DIAGNOSIS AND TESTING (Continued)**



**Coolant Temperature Sender**

**Description**

- Temperature sender resistance varies depending on coolant temperature.
- The cluster interprets the resistance and displays the temperature in the cluster.

**Quick Check**

- Sender resistance should be between 1400 and 12,000 ohms with engine at normal operating temperature.
- Verify continuity in Circuit 39.

HOT IN START OR RUN

