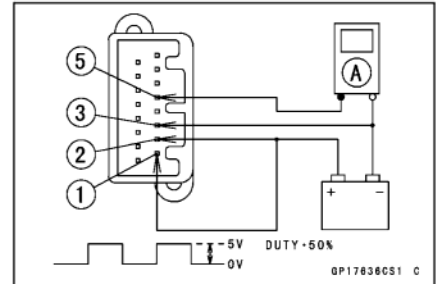


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ELECTRICAL SYSTEM 16-73**Meter, Gauge, Indicator Unit****Speedometer Check**

- Connect the 12 V battery and terminals in the same manner as specified in the "Liquid Crystal Display (LCD) Segments Check".
- The speed equivalent to the input frequency is indicated in the oscillator [A], if the square wave (illustrated as shown) would be input into the terminal [5].
- Indicates approximately 60 mph in case the input frequency would be approximately 311.5 Hz.
- Indicates approximately 60 km/h in case the input frequency would be approximately 194.7 Hz.

**NOTE**

- The input frequency of the oscillator adds the integrated value of the odometer.
- The integrated value of the odometer cannot be reset.
- If the oscillator is not available, the speedometer can be checked as follows.
 - Install the meter unit.
 - Raise the rear wheel off the ground with stand.
 - Turn on the ignition switch.
 - Rotate the rear wheel by hand.
 - Check that the speedometer shows the speed.
- ★ If the speedometer does not work, check the speed sensor (see Speed Sensor Input/Output Voltage Inspection in the Fuel System (DFI) chapter).
- ★ If the speed sensor is normal, check the speed sensor power source.

Speed Sensor Power Supply Check

- Connect the 12 V battery and terminals in the same manner as specified in the "Liquid Crystal Display (LCD) Segments Check".
- Set the hand tester to the DC 25 V range and connect it to the following.

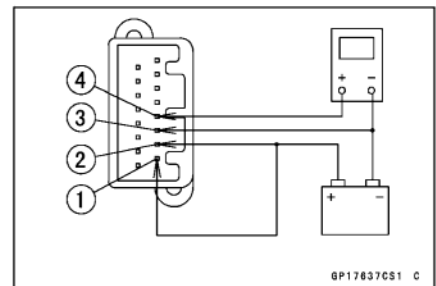
Special Tool - Hand Tester: 57001-1394

Speed Sensor Power Supply Check**Connections:**

Hand Tester (+) → Terminal [4]

Hand Tester (-) → Battery (-) terminal

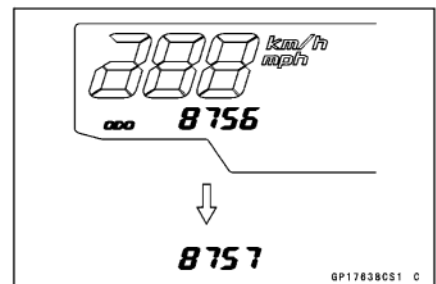
- ★ If the voltage is less than 8 V, replace the meter assembly.

**Odometer Check**

- Check the odometer by the same way as the speedometer check.
- ★ If value indicated in the odometer is not added, replace the meter assembly.

NOTE

- The data is maintained even if the battery is disconnected.
- When the figures come to 999999, they are stopped and locked.
- The integrated value of the odometer cannot be reset.



16-74 ELECTRICAL SYSTEM

Meter, Gauge, Indicator Unit

Trip A/B Meter Check

- Check the trip A or B meters by the same way as the speedometer check.
- ★ If value indicated in the trip A/B meters is not added, replace the meter unit.
- Check that when the right button is pushed for more than 2 seconds, the figure display turns to 0.0.
- ★ If the figure display does not indicate 0.0, replace the meter assembly.

NOTE

- The input frequency of the oscillator adds the integrated value of the odometer.
- The integrated value of the odometer cannot be reset.

Tachometer Check

- Connect the 12 V battery and terminals in the same manner as specified in the "Liquid Crystal Display (LCD) Segments Check".
- The revolutions per minute (rpm) equivalent to the input frequency is indicated in the oscillator [A] if the square wave (illustrated as shown) would be input into the terminal [6].
- Indicates approximately 6 000 rpm in case the input frequency would be approximately 200 Hz.
- If the oscillator is not available, the tachometer can be checked as follows.
- Connect the 12 V battery and terminals in the same manner as specified in the "Liquid Crystal Display (LCD) Segments Check".
- When the terminals are connected, the tachometer goes and disappears from minimum to the maximum reading momentarily. It goes again, and then the tachometer disappears.
- ★ If the tachometer segments function does not work, replace the meter assembly.
- Using the insulated auxiliary lead, quickly open and connect the terminal [2] to the terminal [6] repeatedly.
- Then the tachometer segments [A] should flick [B].
- ★ If the hand does not flick, replace the meter assembly.

Fuel Level Gauge Check

- Connect the 12 V battery and terminals in the same manner way as specified in the "Liquid Crystal Display (LCD) Segments Check".
- Connect the variable rheostat [A] to the terminal [16] as shown.

