



- Use the mity vac set to adjust the fuel pressure in relation to the vacuum pressure as described below.

**NOTE:** \_\_\_\_\_

The vacuum pressure should not exceed 100 kPa (760 mmHg).

**Increase the vacuum pressure → Fuel pressure is decreased**

**Decrease the vacuum pressure → Fuel pressure is increased**

Faulty → Replace the pressure regulator.

## INSPECTION AND ADJUSTMENT

**NOTE:** \_\_\_\_\_

Before adjusting the throttle position sensor, the engine idling speed should be properly adjusted.

1. Inspect:

- Throttle position sensor

**Checking steps:**

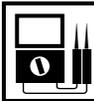
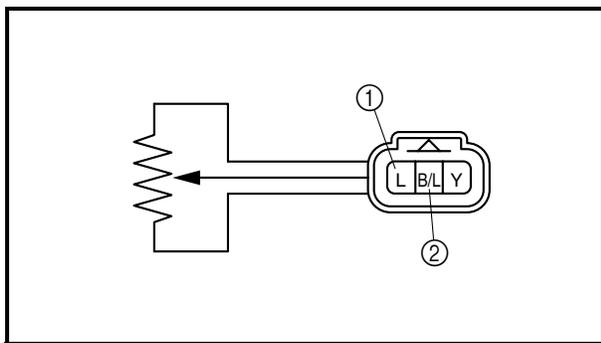
- Disconnect the throttle position sensor coupler.
- Remove the throttle position sensor from the throttle body.
- Connect the pocket tester ( $\Omega \times 1k$ ) to the throttle position sensor.

**Positive tester probe → blue terminal ①**

**Negative tester probe → black/blue terminal ②**

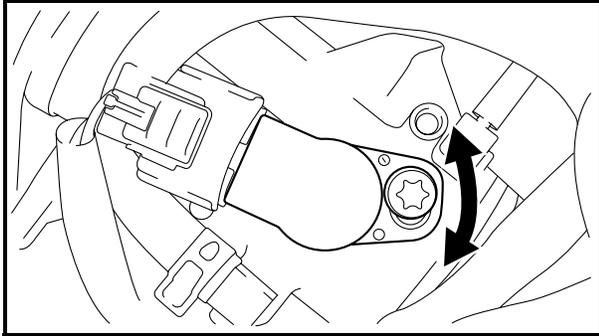
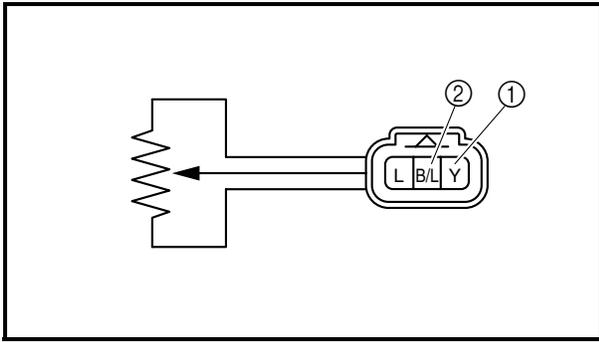
- Measure the maximum throttle position sensor resistance.

Out of specification → Replace the throttle position sensor.



**Maximum throttle position sensor resistance:**

**4.0 ~ 6.0 k $\Omega$  at 20 °C (68 °F)  
(blue – black/blue)**



2. Adjust:
- Throttle position sensor angle

**Adjusting steps:**

- Connect the throttle position sensor coupler to the wire harness.
- Connect the digital circuit tester to the throttle position sensor.

**Positive tester probe** → yellow terminal ①

**Negative tester probe** → black/blue terminal ②



**Digital circuit tester:**  
90890-03174

- Measure the throttle position sensor voltage.
- Adjust the throttle position sensor angle so the measured voltage is within the specified range.



**Throttle position sensor voltage:**  
0.63 ~ 0.73 V  
(yellow – black/blue)

- After adjusting the throttle position sensor angle, tighten the throttle position sensor screws.