



- 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:

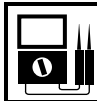
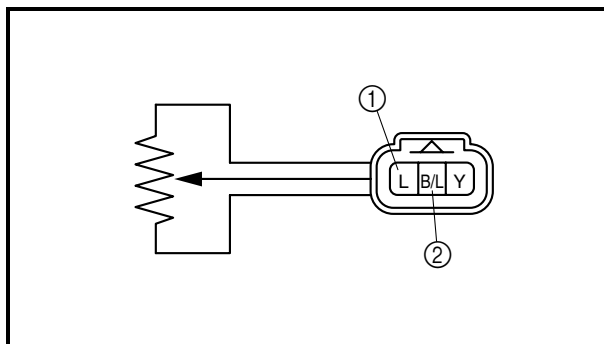
- Disconnect the throttle position sensor coupler.
- Remove the throttle position sensor from the throttle body.
- Connect the pocket tester ( $\Omega \times 1k$ ) to the throttle position sensor.

**Positive tester probe → blue terminal ①**

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

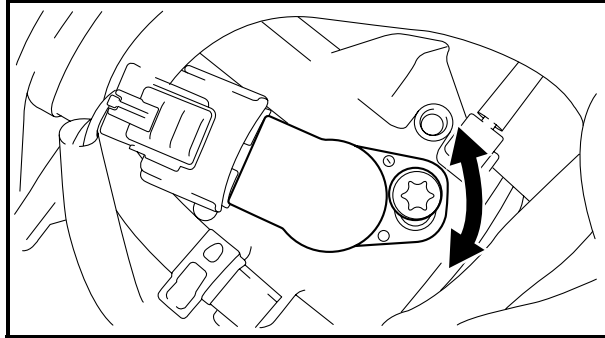
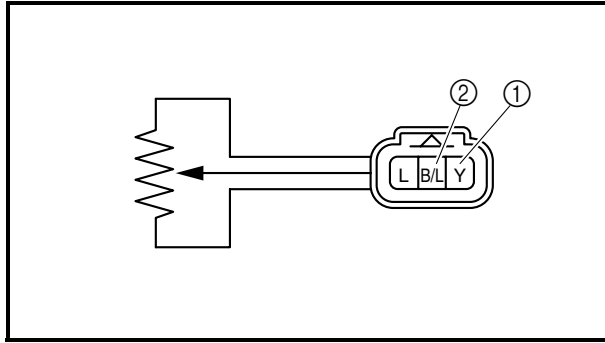
- Measure the maximum throttle position sensor resistance.

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.