

# FUEL METER/FUEL LEVEL SENSOR

## SYSTEM INSPECTION

### WHEN FUEL IS ABOUT FULL BUT NEEDLE DOES NOT MOVE

Before performing the system inspection, check the following:

- Battery condition
- Burned fuse
- Horn operation

Remove the floor panel (page 3-11).

Disconnect the fuel pump/fuel level sensor 5P connector.

Short the connector terminals of the wire harness side with the jumper wire.

### CONNECTION: Yellow/White – Green/Black

*Do not leave the terminals connected with jumper wire for a long time, as it causes damage to the fuel meter.*

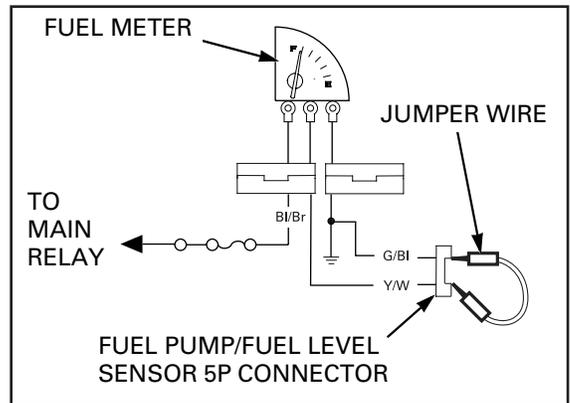
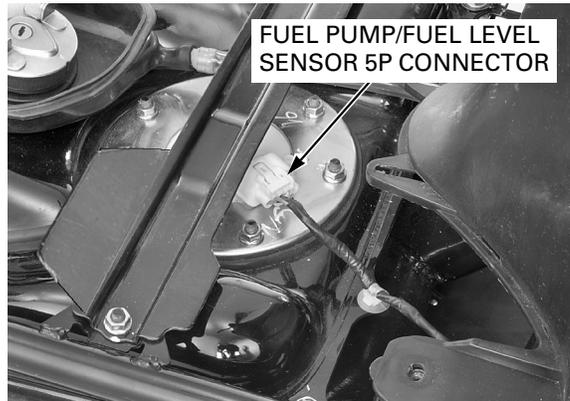
Turn the ignition switch ON, check if the fuel meter needle moves to "F".

The needle moves if the system circuit is normal. In that case, check the fuel level sensor (page 21-10).

If the needle does not move, check the following:

- Yellow/White wire between the fuel pump/fuel level sensor and speedometer for open or short circuit
- Black/Brown wire between the fuse box and speedometer for open circuit
- Green/Black wire between the fuel pump/fuel level sensor and ground for open circuit
- Green/Black wire between the speedometer and ground for open circuit

If the wire is normal, replace the speedometer panel with a new one, and recheck.



## FUEL LEVEL SENSOR INSPECTION

Remove the fuel pump/fuel level sensor (page 6-36).

Measure the resistance between the connector terminals at the float upper (full) and lower (empty) positions.

### CONNECTION: A – B

FLOAT POSITION	(20°C/68°F)	
	FULL	EMPTY
	6 – 10 Ω	90 – 100 Ω

Replace the fuel level sensor if it is out of specification.

