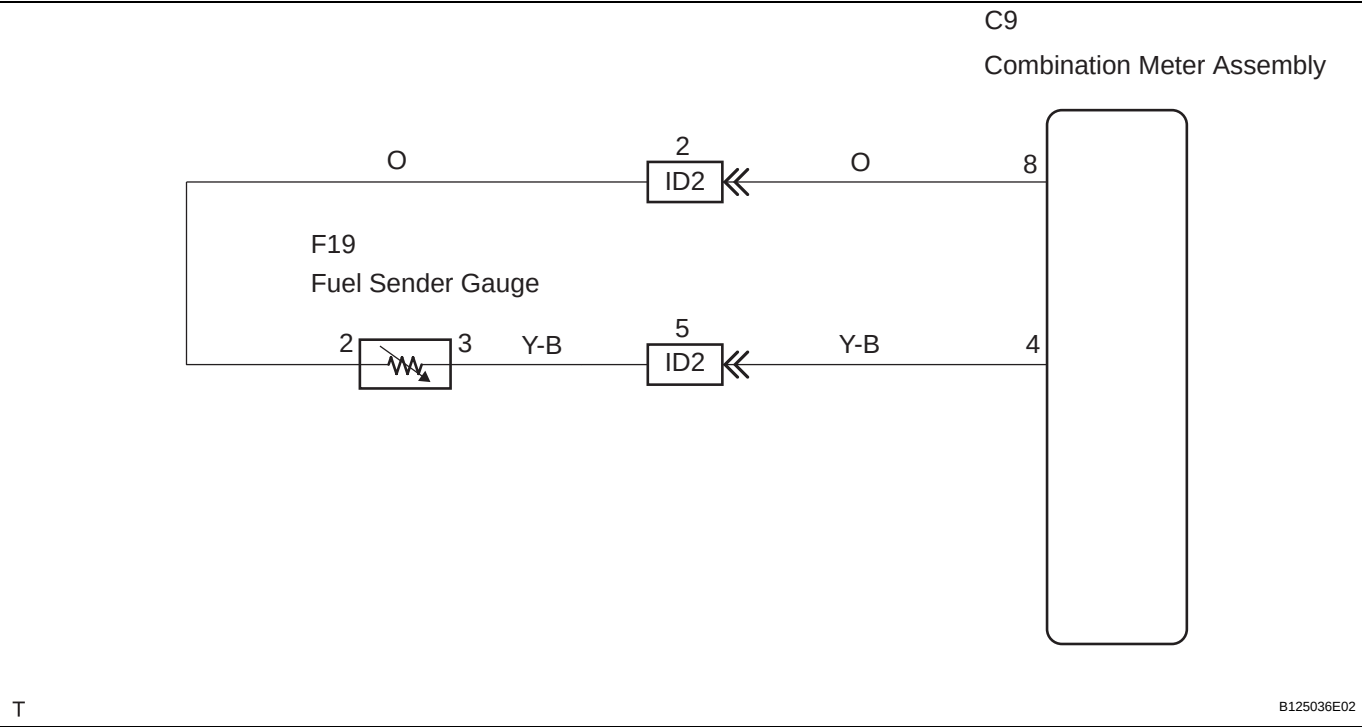
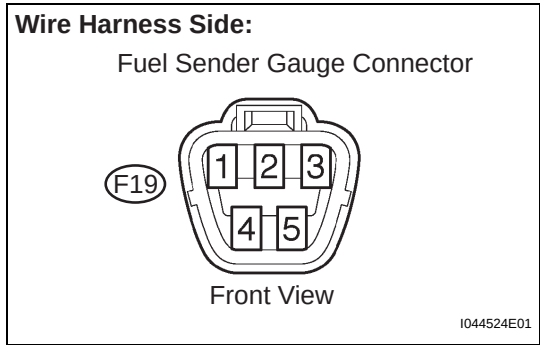


Fuel Gauge Malfunction

WIRING DIAGRAM



1 CHECK HARNESS AND CONNECTOR



- (a) Disconnect the F19 fuel sender gauge connector.
- (b) Check the meter indicator conditions.

Standard

| Wire Connection | Condition                             | Specified Condition                                        |
|-----------------|---------------------------------------|------------------------------------------------------------|
| 2 - 3           | Short circuit<br>(Ignition switch ON) | Fuel gauge indicates<br>"F" or more<br>(Combination meter) |

- (c) Measure the voltage.
- Standard Voltage

| Tester Connection | Condition          | Specified Condition |
|-------------------|--------------------|---------------------|
| 2 - Body ground   | Ignition switch ON | 4 to 7 V            |

NOTICE:

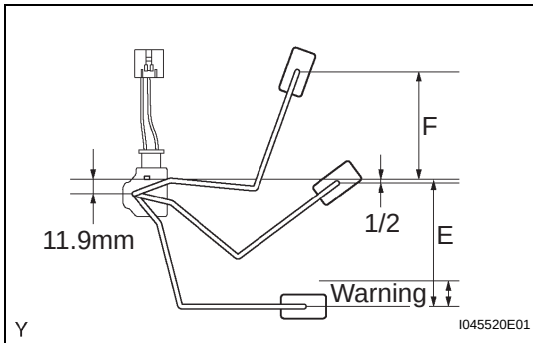
- Perform the check quickly (shorter than 10 seconds).
  - Keep the battery as far away from the fuel pump as possible.
  - Always do the switching at the battery side.
- (d) Reconnect the fuel sender gauge connector.

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Go to step 3

OK

## 2 INSPECT FUEL SENDER GAUGE ASSEMBLY



- Remove the fuel sender gauge assembly.
- Check that the float position is between E and F.
- Measure the resistance between terminals 2 and 3 of the fuel sender gauge connector.

### Standard Resistance

| Float Level | Float Position (mm (in.))   | Specified Condition     |
|-------------|-----------------------------|-------------------------|
| F           | 81.5 (3.21) to 86.5 (3.41)  | 5.0 to 6.0 $\Omega$     |
| 1/2         | 3.4 (0.13)                  | 59.0 $\Omega$           |
| Warning     | 80.4 (3.17)                 | 98.8 $\Omega$           |
| E           | 97.9 (3.85) to 102.9 (4.05) | 107.5 to 112.5 $\Omega$ |

- Reinstall the fuel sender gauge assembly.

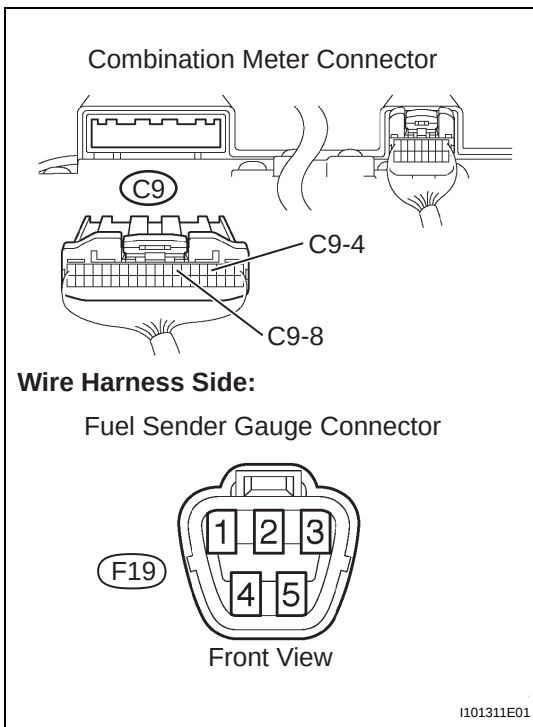
NG

**REPLACE FUEL SENDER GAUGE ASSEMBLY**

OK

## REPLACE COMBINATION METER ASSEMBLY

## 3 CHECK HARNESS AND CONNECTOR (FUEL SENDER GAUGE - COMBINATION METER ASSEMBLY)



- Disconnect the C9 combination meter connector.
- Disconnect the F19 fuel sender gauge connector.
- Measure the resistance.

### Standard Resistance

| Tester Connection           | Specified Condition     |
|-----------------------------|-------------------------|
| C9-4 - F19-3                | Below 1 $\Omega$        |
| C9-8 - F19-2                | Below 1 $\Omega$        |
| C9-4 or F19-3 - Body ground | 10 k $\Omega$ or higher |
| C9-8 or F19-2 - Body ground | 10 k $\Omega$ or higher |

- Reconnect the fuel sender gauge connector.
- Reconnect the combination meter connector.

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**REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

REPLACE COMBINATION METER ASSEMBLY