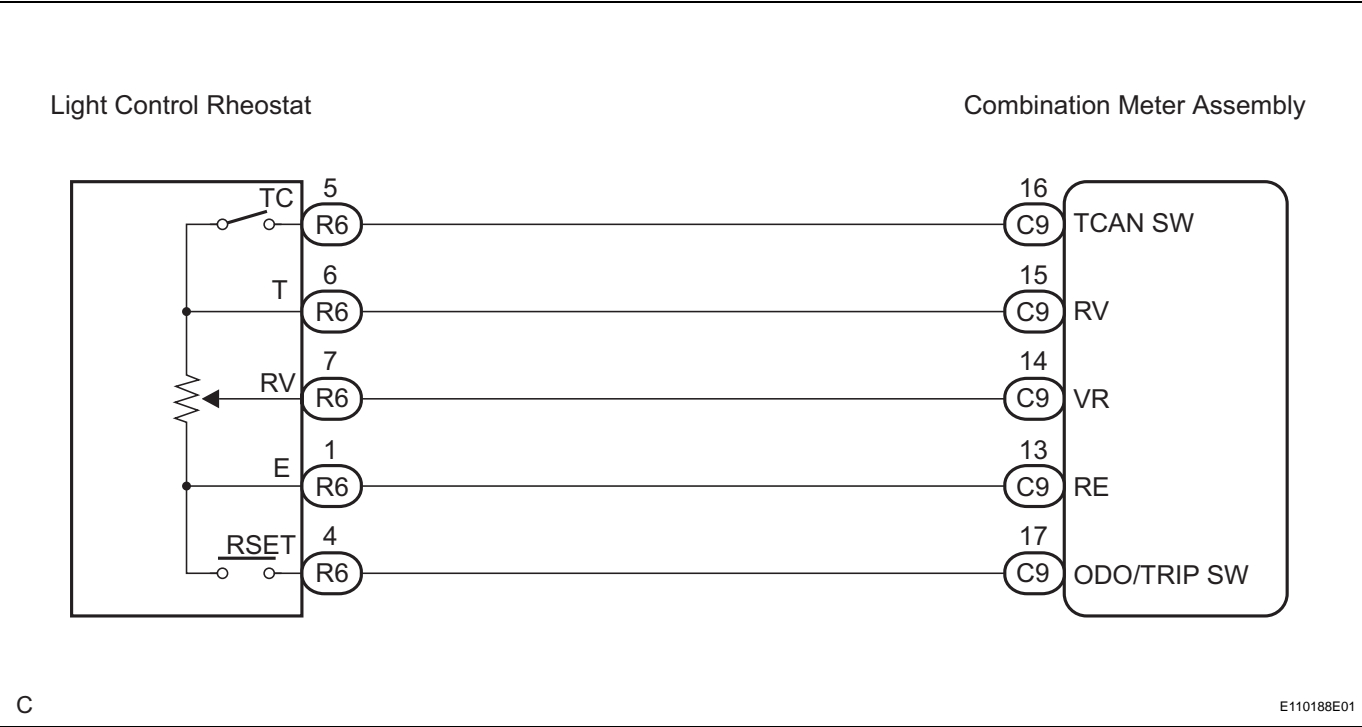


Odo / Trip Switch Malfunction

WIRING DIAGRAM



- ME
- HINT:**

  - The whole light control rheostat should be replaced if the ODO/TRIP switch has a malfunction because this part is not identically supplied.
  - Start the inspection from step1 when using the intelligent tester and start from the step 4 when not using intelligent tester.

1 READ VALUE OF INTELLIGENT TESTER

(a) Operate the intelligent tester according to the steps on the display and select "DATA LIST".

METER:

Item	Measurement Item/Range (Display)	Normal Condition	Diagnostic Note
ODO/TRIP SW	ODO/TRIP switch is ON/OFF	ON: Switch is pushed OFF: Switch is not pushed	-

**OK:**  
Switch condition (ON/OFF) can be switched by actual operation.

OK

NG

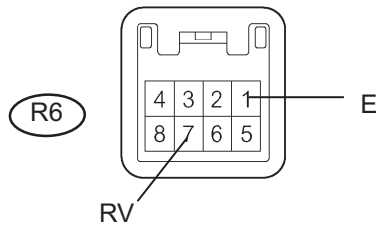
Go to step 2

REPLACE COMBINATION METER ASSEMBLY

## 2 INSPECT ODO/TRIP SWITCH

### ODO/TRIP SWITCH

#### Connector Front View:



E111191E01

- Remove the light ODO/TRIP switch with connector still connected.
- Measure the resistance according to the value(s) in the table below.

#### Standard Resistance

Tester Connection	Condition	Specified Condition
R6-1 (E) - R6-7 (RV)	ODO/TRIP switch OFF → ON	10 k $\Omega$ or higher → Below 1 $\Omega$

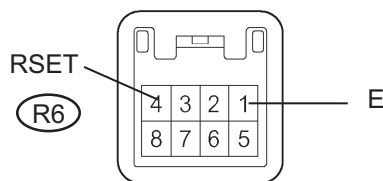
NG

REPLACE LIGHT CONTROL RHEOSTAT

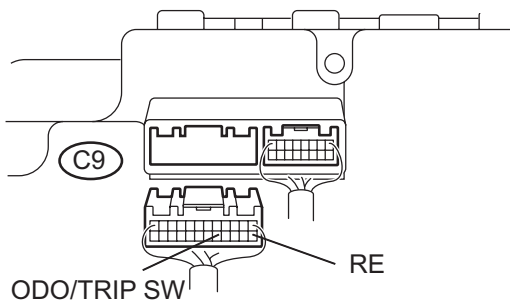
OK

## 3 CHECK HARNESS AND CONNECTOR (BETWEEN COMBINATION METER AND ODO/TRIP SWITCH)

### ODO/TRIP Switch Wire Harness View:



### Combination Meter Assembly Wire Harness View:



E111192E01

- Disconnect the C9 and R6 connectors.
- Measure the resistance according to the value(s) in the table below.

#### Standard Resistance

Tester connection	Condition	Specified condition
C9-13 (RE) - R6-1 (E)	Always	Below 1 $\Omega$
C9-17 (ODO/TRIP SW) - R6-4 (RSET)	Always	Below 1 $\Omega$

NG

REPAIR OR REPLACE HARNESS OR  
CONNECTOR

OK

REPLACE COMBINATION METER ASSEMBLY

ME