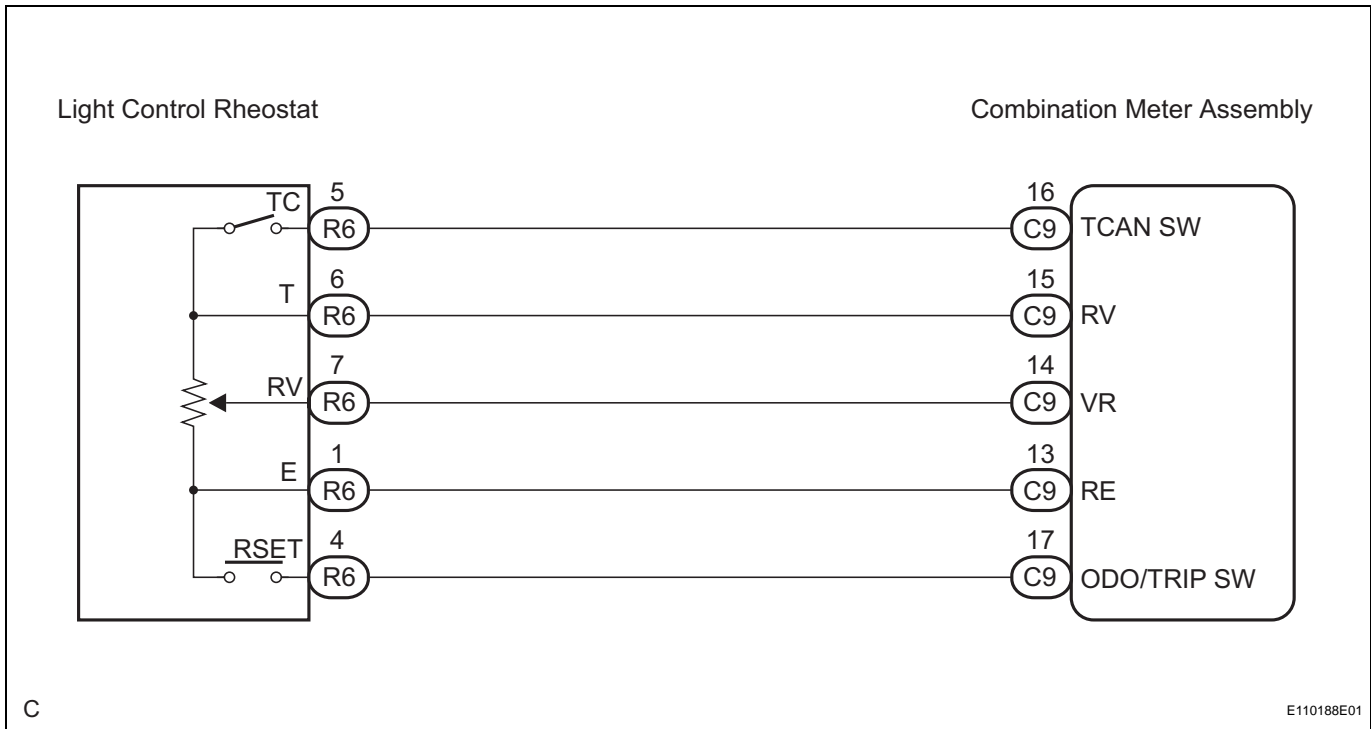


Operating Light Control Rheostat does not Change Light Brightness

WIRING DIAGRAM



HINT:

ME

Start the inspection from step1 when using the intelligent tester and start from the step4 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
RHEOSTAT VOL	Light control rheostat/Min.: 0, Max.: 255	Light control rheostat switch is Dark (0) → Bright (255)	-

OK:

Light brightness can be changed within the specified range by actual operation.

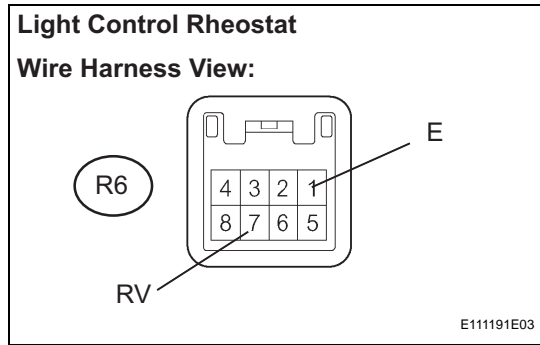
NG →

Go to step 2

OK

REPLACE COMBINATION METER ASSEMBLY

2 INSPECT LIGHT CONTROL RHEOSTAT



- (a) Remove the light control rheostat with connector still connected.
- (b) Measure the resistance according to the value(s) in the table below.

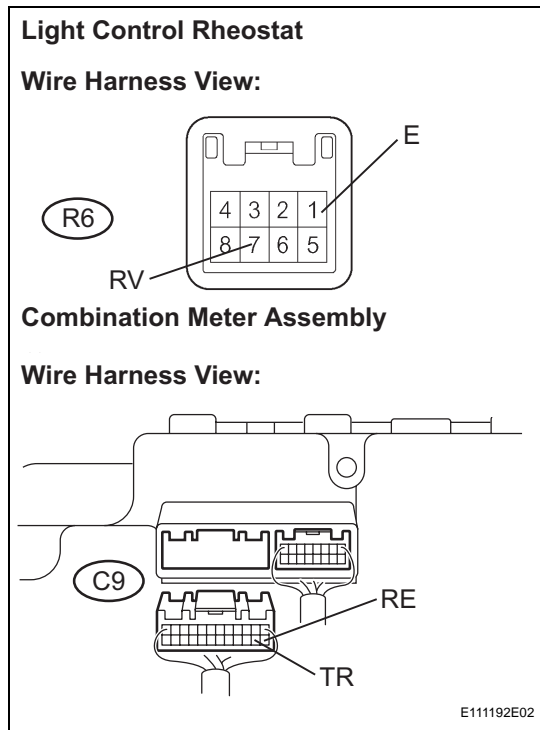
Standard Resistance

Tester Connection	Condition	Specified Condition
R6-1 (E) - R6-7 (RV)	Rheostat knob is in the MAX. position	8 to 12 kΩ
R6-1 (E) - R6-7 (RV)	Rheostat knob is in the MIN. position.	Approx. 0 Ω

NG → **REPLACE LIGHT CONTROL RHEOSTAT**

OK

3 CHECK HARNESS AND CONNECTOR (BETWEEN COMBINATION METER AND LIGHT CONTROL RHEOSTAT)



- (a) Disconnect the C9 and R6 connectors.
- (b) 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 Ω
C9-14 (TR) - R6-7 (RV)	Always	Below 1 Ω
R6-7 (RV) - Body ground	Always	10 kΩ or higher
R6-1 (E) - Body ground	Always	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

REPLACE COMBINATION METER ASSEMBLY

ME