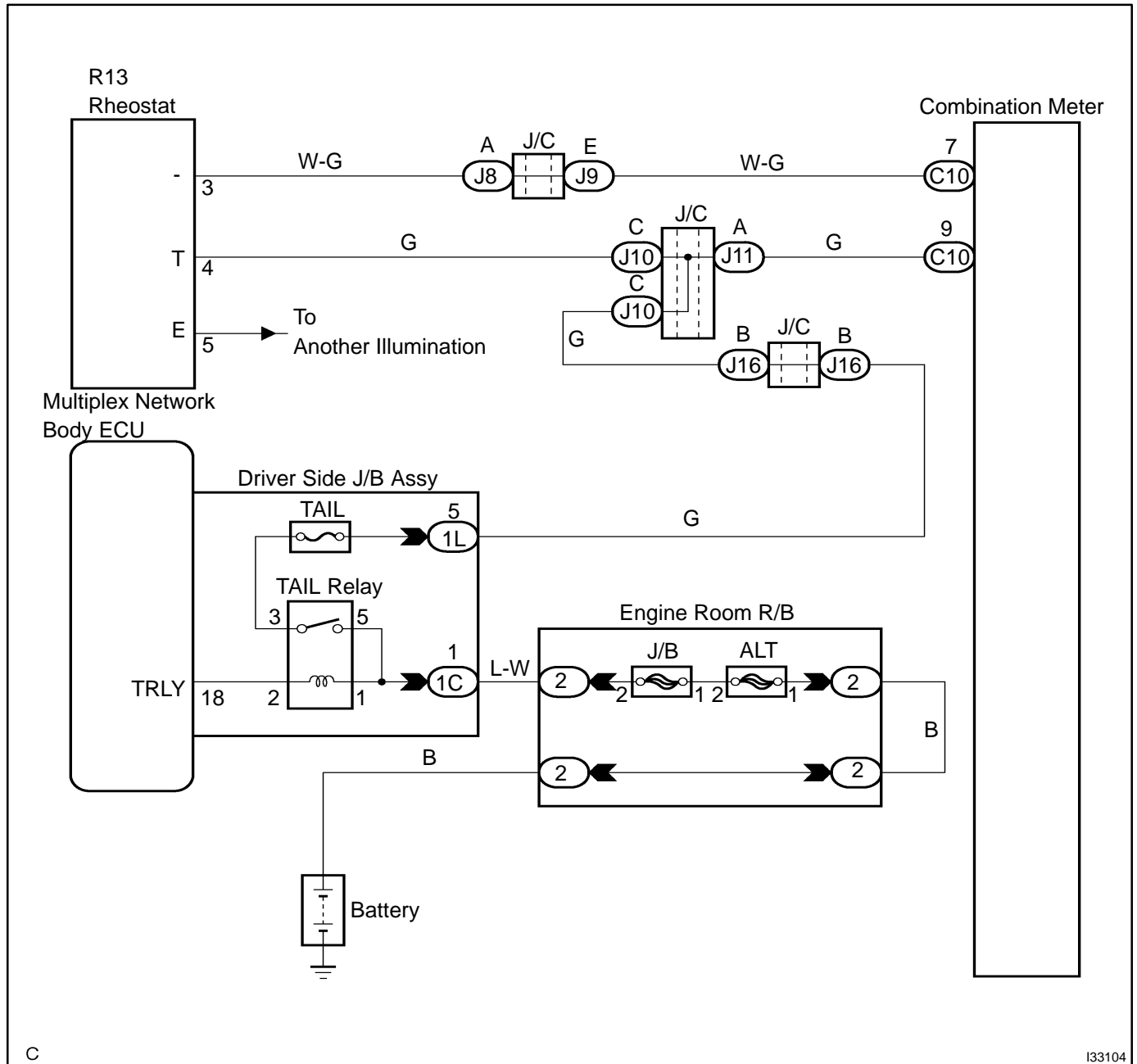


# OPERATING LIGHT CONTROL RHEOSTAT DOES NOT CHANGE LIGHT BRIGHTNESS

## WIRING DIAGRAM



## INSPECTION PROCEDURE

### 1 CHECK ILLUMINATION

- (a) Operate the rheostat and check that the amount of light for the combination meter assy, the audio system and the A/C control panel etc. are normally changed.

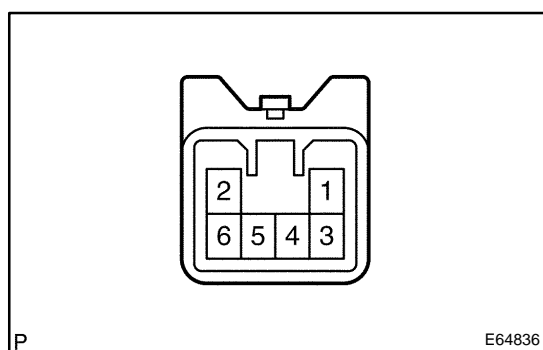
A	Combination meter does not change.
B	All light do not change.

**B**

**Go to step 4**

**A**

### 2 CHECK LIGHT CONTROL RHEOSTAT



- (a) Check continuity between terminals 3 (-) and 5 (E) of the light control rheostat when operating the light control rheostat as shown in the chart below.

**Standard:**

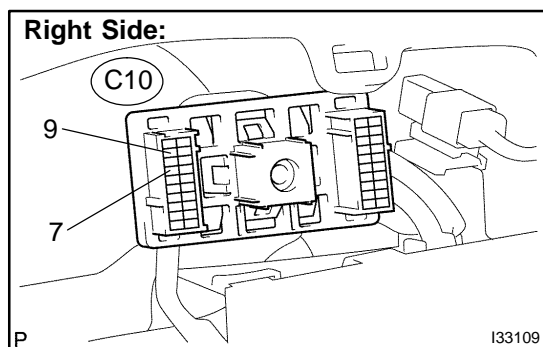
Switch position	Terminal (Symbol)	Continuity
Most brighten position	3 (-) ↔ 5 (E)	Continuity
Except most brighten position	3 (-) ↔ 5 (E)	No continuity

**NG**

**REPLACE LIGHT CONTROL RHEOSTAT**

**OK**

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



- (a) Remove the combination meter assy.  
 (b) Check the continuity between terminals 3 (-) of the light control rheostat and C10-7 of the combination meter connector.

**Standard: There is continuity.**

- (c) Check the continuity between terminals 4 (T) of the light control rheostat and C10-9 of the combination meter connector.

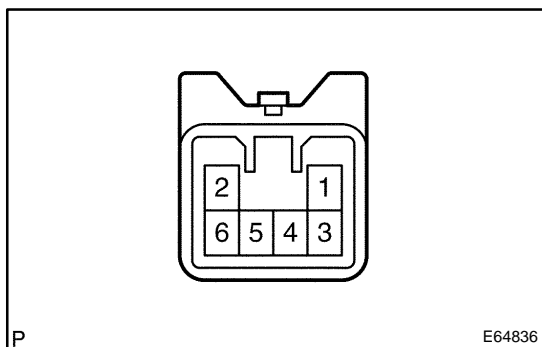
**Standard: There is continuity.**

**OK**

**CHECK AND REPLACE COMBINATION METER ASSY**

**NG**

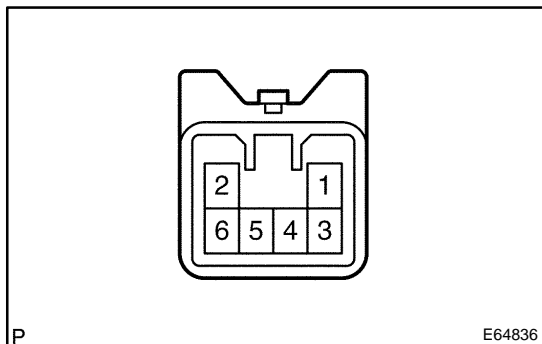
**REPAIR OR REPLACE HARNESS OR CONNECTOR**

**4 INSPECT LIGHT CONTROL RHEOSTAT**

- (a) Check the continuity between terminals 1 (TC) and 3 (T) of the light control rheostat when operating the light control rheostat as shown in the chart below.

**Standard:**

Switch position	Terminal (Symbol)	Continuity
Most brighten position	1 (TC) ⇔ 3 (T)	Continuity
	3 (-) ⇔ 5 (E)	
Except most brighten position	1 (TC) ⇔ 3 (T)	No continuity
	6 (ILL) ⇔ 5 (E)	

**NG****REPLACE LIGHT CONTROL RHEOSTAT****OK****5 CHECK HARNESS AND CONNECTOR(BETWEEN LIGHT CONTROL RHEOSTST AND DRIVER SIDE JUNCTION BLOCK)**

- (a) Check the continuity between terminals 4 (T) of the light control rheostat and 1L-5 of the driver side junction block assy.

**Standard: There is continuity.****NG****REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****6 CHECK DRIVE SIDE JUNCTION BLOCK**

- (a) Measure voltage between terminal 1L-5 of the driver side junction block assy and body ground.

**Standard:**

Combination switch	Specified condition
OFF	Below 1 V
TAIL	10 - 14 V

**OK****CHECK AND REPLACE COMBINATION METER ASSY****NG****REPAIR OR REPLACE DRIVE SIDE JUNCTION BLOCK**