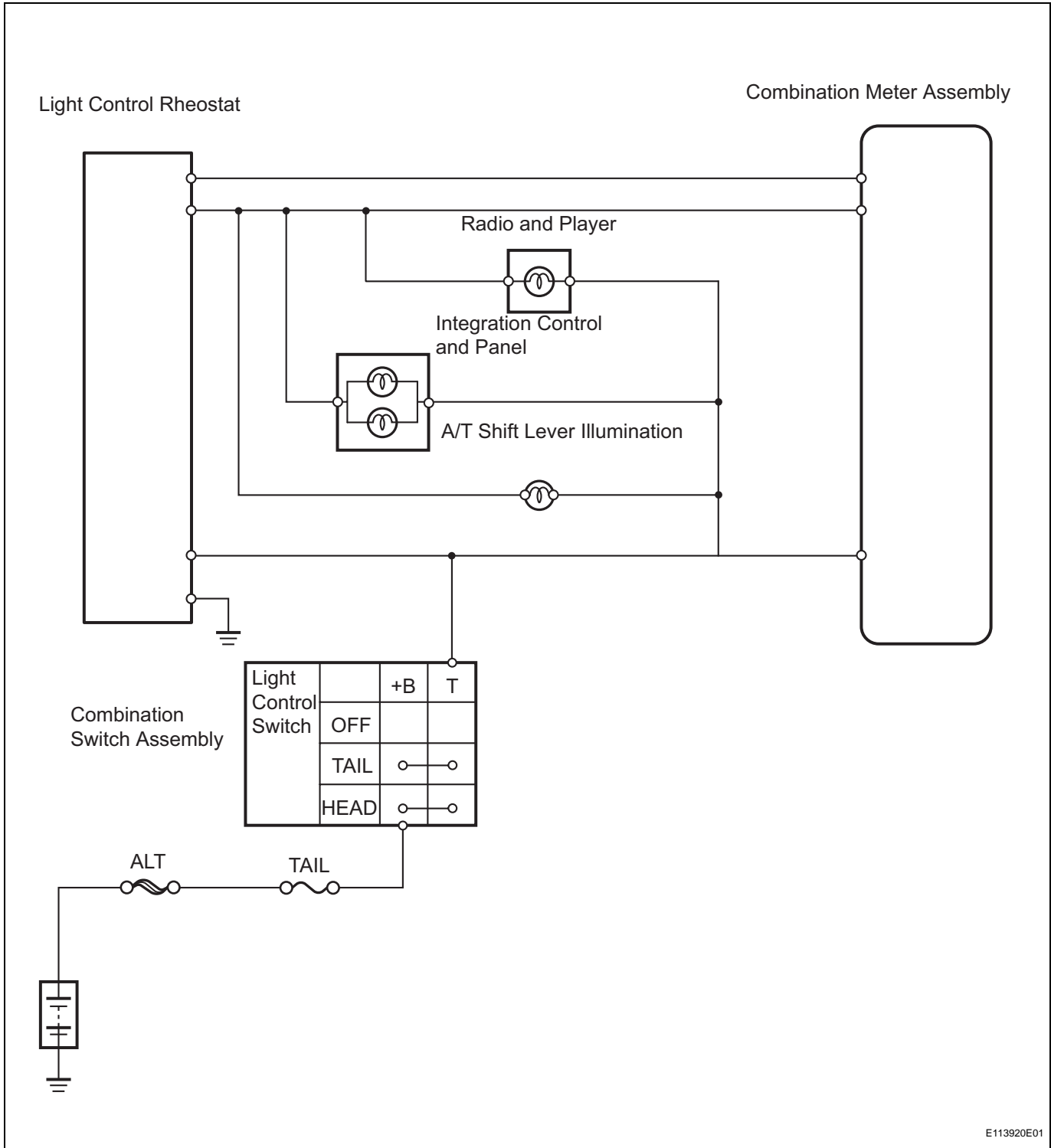


Operating Light Control Rheostat does not Change Light Brightness

WIRING DIAGRAM

ME

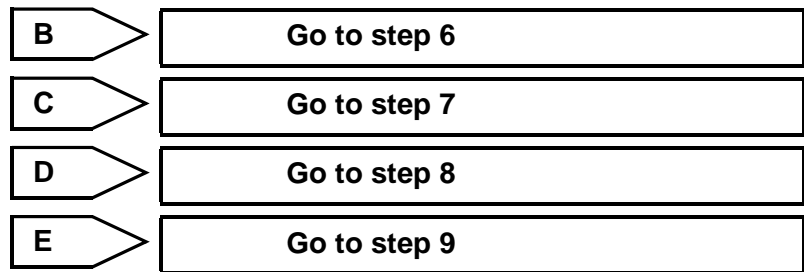


1 CHECK ILLUMINATION OPERATION

- (a) Operate the rheostat and check that the amount of light for the combination meter assembly, the radio and player, the integration control and A/T shift lever.

Result

Result	Proceed to
All illumination does not change	A
Combination meter illumination does not change	B
Radio and player illumination does not change	C
Integration control and panel illumination does not change	D
A/T shift lever illumination does not change	E



ME



2 INSPECT FUSE (TAIL)

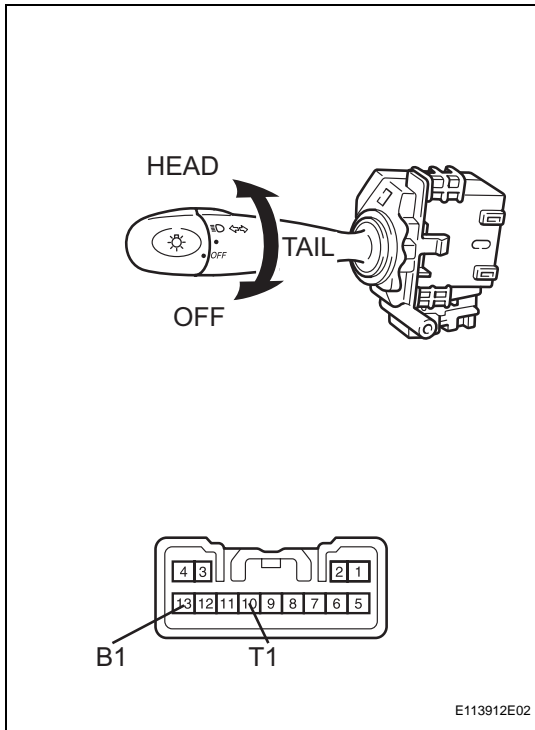
- (a) Remove the TAIL fuse from the instrument panel junction block assembly.
- (b) Measure the resistance of the fuse.

Standard resistance:

Below 1 Ω



3 INSPECT COMBINATION SWITCH ASSEMBLY



- (a) Remove the combination switch.
- (b) Measure the resistance of the switch.

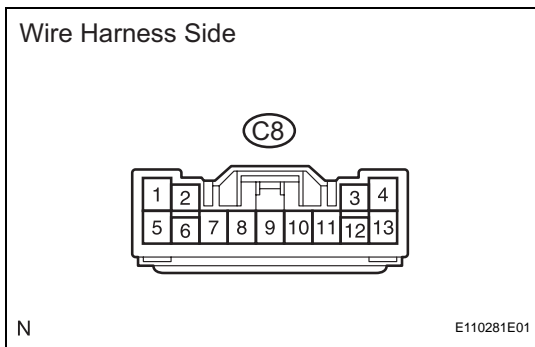
Standard resistance

Tester Connection	Switch Condition	Specified Condition
10 (T1) - 13 (B1)	TAIL	Below 1 Ω
	HEAD	
	OFF	10 kΩ or higher

NG → **REPLACE COMBINATION SWITCH ASSEMBLY**

OK

4 CHECK WIRE HARNESS (COMBINATION SWITCH - BATTERY)



- (a) Disconnect the C8 switch connector.
- (b) Measure the voltage of the wire harness side connector.

Standard voltage

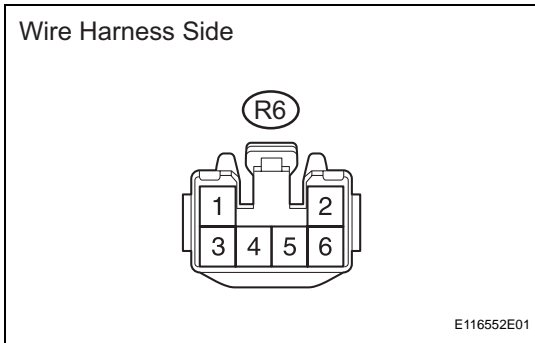
Tester Connection	Specified Condition
C8-13 - Body ground	10 to 14 V

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

OK

ME

5 CHECK WIRE HARNESS (LIGHT CONTROL RHEOSTAT - BODY GROUND)



- (a) Disconnect the R6 rheostat connector.
- (b) Measure the resistance of the wire harness side connector.

Standard resistance

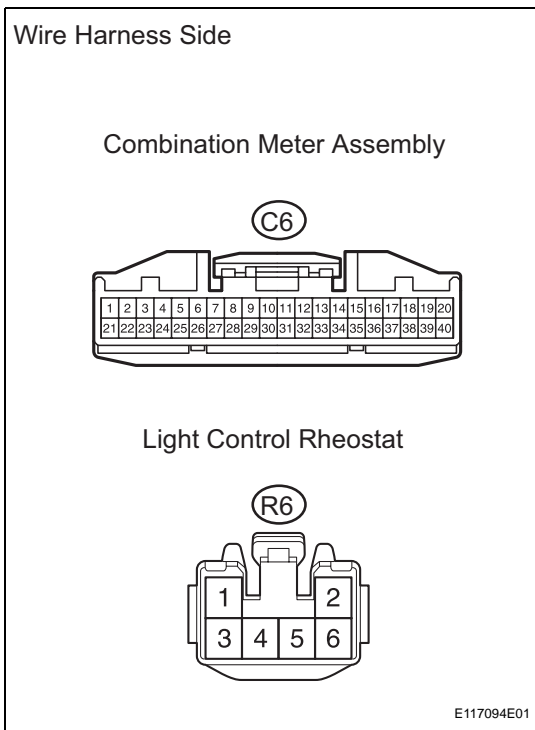
Tester Connection	Specified Condition
R6-5 - Body ground	Below 1 Ω

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE LIGHT CONTROL RHEOSTAT

6 CHECK WIRE HARNESS (COMBINATION METER - RHEOSTAT AND BATTERY)



- (a) Disconnect the C6 meter connector.
- (b) Disconnect the R6 rheostat connector.
- (c) Measure the voltage of the wire harness side connector.

Standard voltage

Tester Connection	Condition	Specified Condition
C6-26 - Body ground	Light control switch is TAIL or HEAD	10 to 14 V

- (d) Measure the resistance of the wire harness side connectors.

Standard resistance

Tester Connection	Specified Condition
C6-27 - R6-3	Below 1 Ω

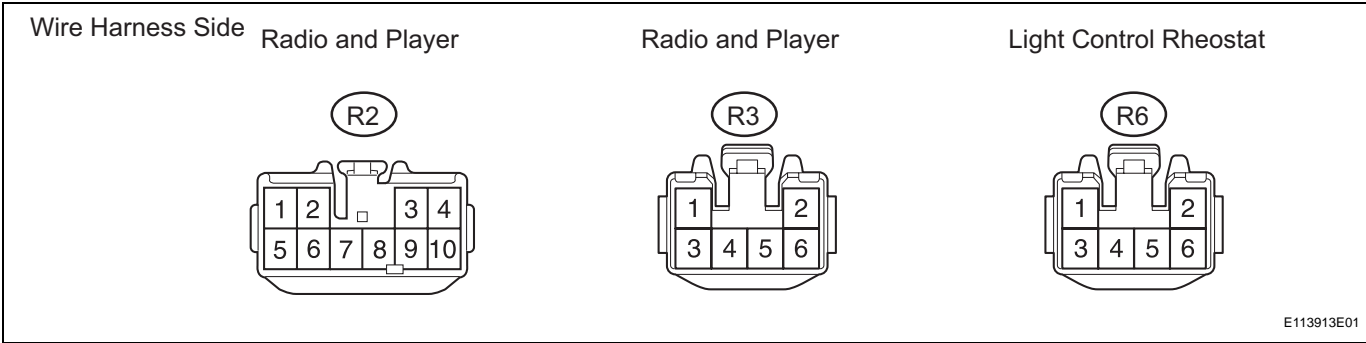
NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE COMBINATION SWITCH ASSEMBLY

ME

7 CHECK WIRE HARNESS (RADIO AND PLAYER - RHEOSTAT AND BATTERY)



ME

- (a) Disconnect the R2 and R3 radio and player connectors.
 - (b) Disconnect the R6 rheostat connector.
 - (c) Measure the voltage of the wire harness side connector.
- Standard voltage**

Tester Connection	Specified Condition
R2-10 - Body ground	10 to 14 V

- (d) Measure the resistance of the wire harness side connectors.
- Standard resistance**

Tester Connection	Specified Condition
R3-5 - R6-6	Below 1 Ω

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

OK

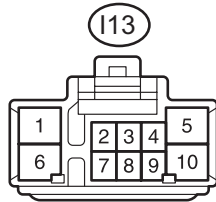
REPLACE RADIO AND PLAYER

8

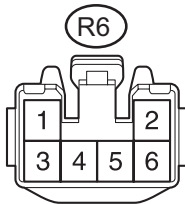
CHECK WIRE HARNESS (INTEGRATION CONTROL AND PANEL - RHEOSTAT AND BATTERY)

Wire Harness Side

Integration Control and Panel



Light Control Rheostat



E116590E01

- (a) Disconnect the I13 panel connector.
- (b) Disconnect the R6 rheostat connector.
- (c) Measure the voltage of the wire harness side connector.

Standard voltage

Tester Connection	Specified Condition
I13-4 - Body ground	10 to 14 V

- (d) Measure the resistance of the wire harness side connectors.

Standard resistance

Tester Connection	Specified Condition
I13-5 - R6-6	Below 1 Ω

NG

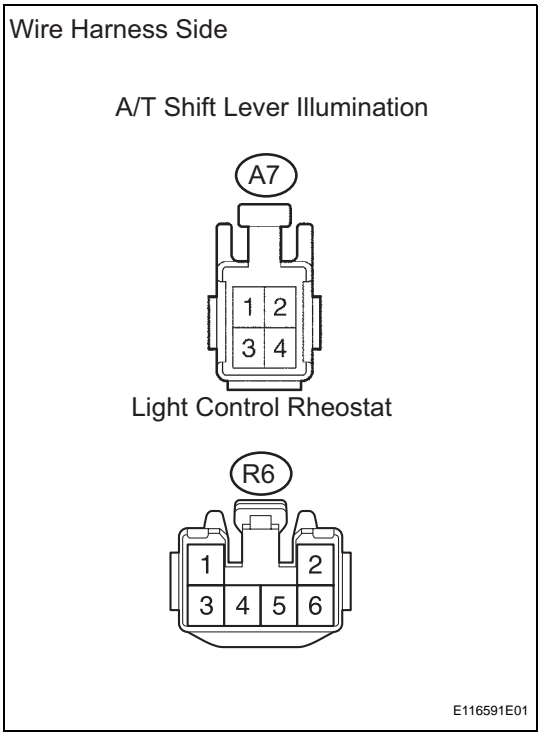
REPAIR OR REPLACE HARNESS AND CONNECTOR

ME

OK

REPLACE INTEGRATION CONTROL AND PANEL

9 CHECK WIRE HARNESS (A/T SHIFT LEVER ILLUMINATION - RHEOSTAT AND BATTERY)



- (a) Disconnect the A7 A/T shift lever connector.
 - (b) Disconnect the R6 rheostat connector.
 - (c) Measure the voltage of the wire harness side connector.
- Standard voltage**

Tester Connection	Specified Condition
A7-1 - Body ground	10 to 14 V

- (d) Measure the resistance of the wire harness side connectors.
- Standard resistance**

Tester Connection	Specified Condition
A7-3 - R6-6	Below 1 Ω

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

OK

REPLACE A/T SHIFT LEVER ILLUMINATION

ME