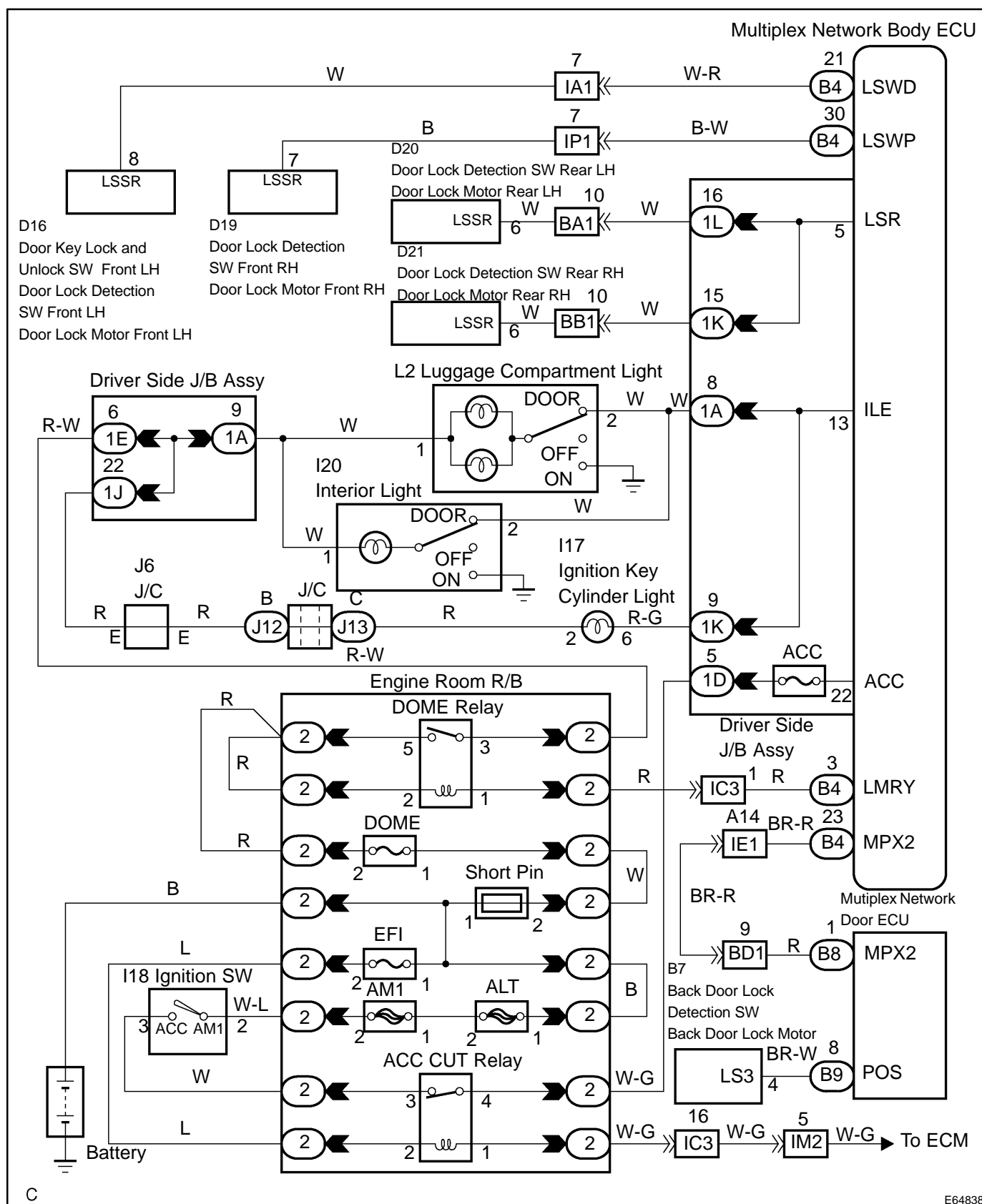


ROOM LAMP ASSY NO.1 DOES NOT LIGHT UP

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK LIGHT

- (a) Check the condition A or B, when room lamp assy No.1 does not light up.

A	Door Lock → Door Unlock
B	IG Switch ACC → OFF

B Go to step 10**A****2 CHECK DOOR LOCK**

- (a) Check which door lamp does not light up.

A	Driver side door
B	Passenger side door
C	Rear door
D	Back door

B Go to step 5**C** Go to step 7**D** Go to step 9**A****3 CHECK FRONT DOOR W/MOTOR LOCK ASSY LH**

- (a) Check the continuity between terminal 8 (LSSR) of front door w/motor lock assy LH and body ground.

Standard:

Door lock position	Specified condition
Lock	No continuity
Unlock	Continuity

NG REPLACE FRONT DOOR W/MOTOR LOCK ASSY LH**OK**

4 CHECK HARNESS AND CONNECTOR(BETWEEN MULTIPLEX NETWORK BODY ECU AND FRONT DOOR W/MOTOR LOCK ASSY)

- (a) Check the continuity between terminal 8 (LSSR) of the front door w/motor door lock assy LH and B4-21 (LSWD) of the multiplex network body ECU.

Standard: There is continuity

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

CHECK AND REPLACE MULTIPLEX NETWORK BODY ECU

5 CHECK FRONT DOOR W/MOTOR LOCK ASSY RH

- (a) Check the continuity between terminal 7 (LSSR) of the front door w/motor lock assy RH and body ground.

Standard:

Door lock position	Specified condition
Lock	No continuity
Unlock	Continuity

NG

REPLACE FRONT DOOR W/MOTOR LOCK ASSY RH

OK

6 CHECK HARNESS AND CONNECTOR(BETWEEN MULTIPLEX NETWORK BODY ECU AND FRONT DOOR W/MOTOR LOCK ASSY)

- (a) Check the continuity between terminal 7 (LSSR) of the front door w/motor door lock assy RH and B4-30 (LSWP) of the multiplex network body ECU.

Standard: There is continuity

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

CHECK AND REPLACE MULTIPLEX NETWORK BODY ECU

7 CHECK REAR DOOR LOCK

- (a) Check which door lamp does not light up.
 (b) Measure voltage between terminals when unlocking the door.

Standard:

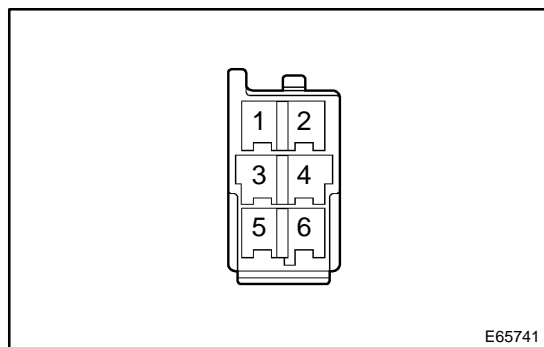
Malfunction part	Tester connection	Specified condition
Rear door LH	6 (LSSR) - Body ground	No continuity → Continuity
Rear door RH	6 (LSSR) - Body ground	No continuity → Continuity

NG**REPLACE REAR DOOR LOCK****OK****8 CHECK HARNESS AND CONNECTOR(BETWEEN DRIVER SIDE JUNCTION BLOCK AND REAR DOOR LOCK)**

- (a) Check the continuity between terminals as shown in the chart below.

Standard:

Malfunction part	Tester connection	Condition
Rear door LH	1L-16 (LSR) - Rear door lock LH	Continuity
Rear door RH	1K-15 (LSR) - Rear door lock RH	Continuity

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****CHECK AND REPLACE DRIVE SIDE JUNCTION BLOCK****9 CHECK W/MOTOR BACK DOOR LOCK ASSY**

- (a) Measure voltage between terminals 4 (LS3) of w/motor back door lock assy and body ground.

Standard:

Door lock position	Specified condition
Lock	No continuity
Unlock	Continuity

NG**REPLACE W/MOTOR BACK DOOR LOCK ASSY****OK****REPAIR OR REPLACE HARNESS OR CONNECTOR**

10 CHECK DRIVE SIDE JUNCTION BLOCK

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

Standard:

IG SW	Specified condition
ACC	10 - 14 V
OFF	Below 1 V

OK

Go to step 12

NG

11 CHECK HARNESS AND CONNECTOR(BETWEEN DRIVER SIDE JUNCTION BLOCK AND IGNITION SWITCH ASSY)

- (a) Check the continuity between terminal 1D-5 (ACC) of the driver side junction block and the ignition switch assy.

Standard: There is continuity

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE IGNITION OR STARTER SWITCH ASSY**12 CHECK DRIVE SIDE JUNCTION BLOCK(ILE)**

- (a) Measure voltage between terminals as shown in the chart below when turning the ignition switch to OFF.

Standard:

Item	Tester connection	Specified condition
Transponder key amplifier (Ignition key cylinder light)	1K-9 (ILE) - Body ground	10 - 14 V → Below 1 V
Room lamp assy No.1, No.2 (Interior light, Luggage compartment Light)	1A-8 (ILE) - Body ground	10 - 14 V → Below 1 V

NG

CHECK AND REPLACE DRIVE SIDE JUNCTION BLOCK

OK

13	CHECK HARNESS AND CONNECTOR(BETWEEN DRIVER SIDE JUNCTION BLOCK AND LAMP)
-----------	---

- (a) Disconnect the connector of the driver side junction block.
 (b) Check the continuity between terminals as shown in the chart below.

Standard:

Item	Tester connection	Specified condition
Transponder key amplifier	1K-9 (ILE) - Transponder key amplifier	Continuity
Room lamp assy No.1, No.2	1A-8 (ILR) - Room lamp assy	Continuity

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

14	CHECK TRANSPONDER KEY AMPLIFIER(IGNITION KEY CYLINDER LIGHT)
-----------	---

- (a) Check the continuity between terminals of transponder key amplifier (ignition key cylinder light).
Standard: There is continuity.

NG

REPLACE TRANSPONDER KEY AMPLIFIER

OK

15	CHECK ROOM LAMP ASSY NO.1
-----------	----------------------------------

- (a) Check the continuity between terminals of the room lamp assy No.1.
Standard: There is continuity.

NG

REPLACE ROOM LAMP ASSY NO.1

OK

16	REPLACE ROOM LAMP ASSY NO.2
-----------	------------------------------------