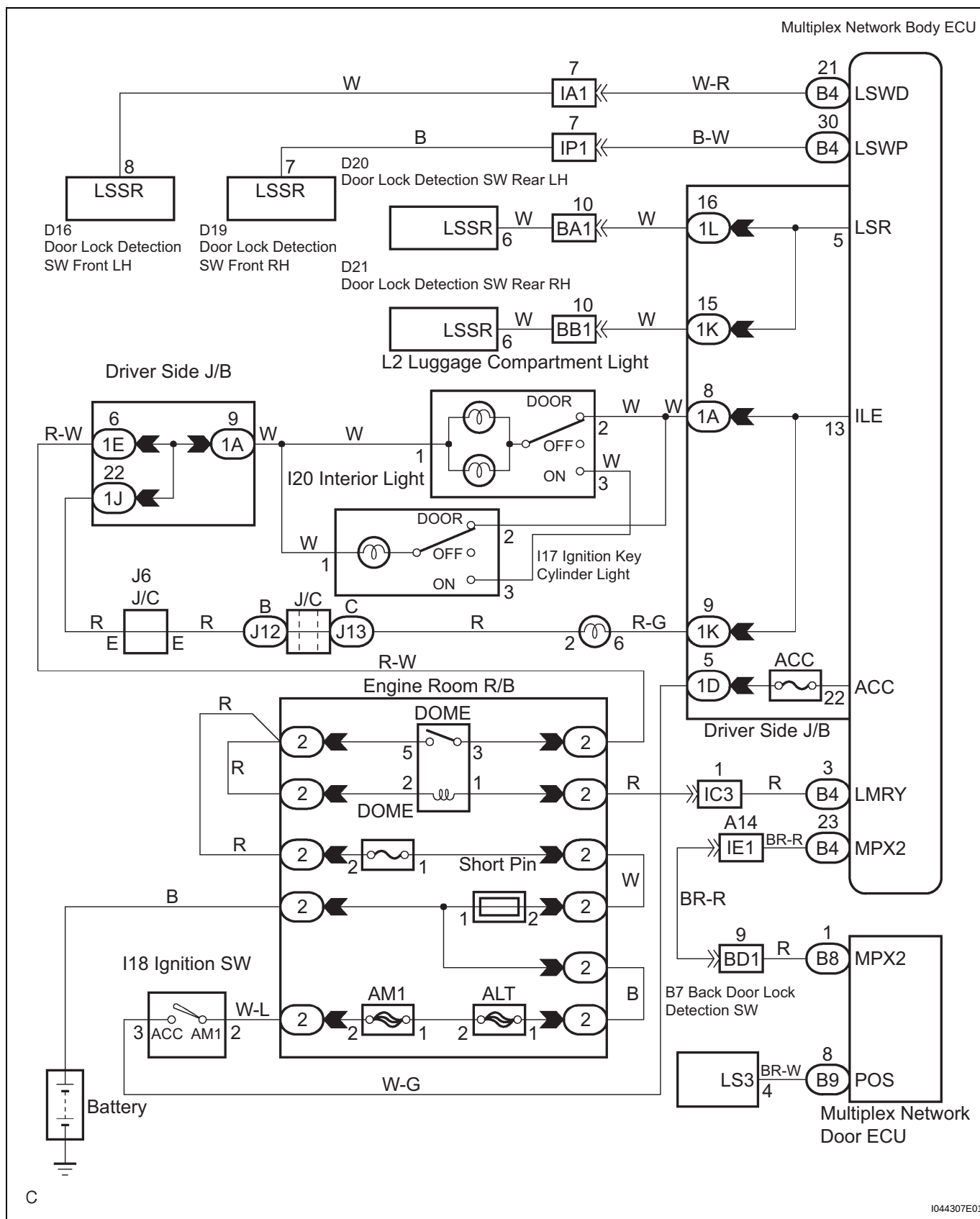


WIRING DIAGRAM



INSPECTION PROCEDURE

1**CHECK LIGHTS**

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

Result

Condition	Proceed to
Door Lock → Door Unlock	A
IG Switch ACC → OFF	B

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

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

Result

Condition	Proceed to
Driver side door	A
Passenger side door	B
Rear door	C
Back door	D

B**Go to step 5****C****Go to step 7****D****Go to step 9****A****3****CHECK FRONT DOOR WITH MOTOR LOCK ASSEMBLY LH**

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

Standard

Door lock position	Specified condition
Lock	No continuity
Unlock	Continuity

NG**REPLACE FRONT DOOR WITH MOTOR LOCK ASSEMBLY LH****OK**

4**CHECK HARNESS AND CONNECTOR (BETWEEN BODY ECU AND FRONT DOOR WITH MOTOR LOCK ASSEMBLY)**

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

Standard:

There is continuity

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****REPLACE MULTIPLEX NETWORK BODY ECU****5****CHECK FRONT DOOR WITH MOTOR LOCK ASSEMBLY RH**

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

Standard

Door lock position	Specified condition
Lock	No continuity
Unlock	Continuity

NG**REPLACE FRONT DOOR WITH MOTOR LOCK ASSEMBLY RH****OK****6****CHECK HARNESS AND CONNECTOR (BETWEEN BODY ECU AND FRONT DOOR WITH MOTOR LOCK ASSEMBLY)**

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

Standard:

There is continuity

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****REPLACE MULTIPLEX NETWORK BODY ECU**

7**CHECK REAR DOOR LOCK**

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

Standard

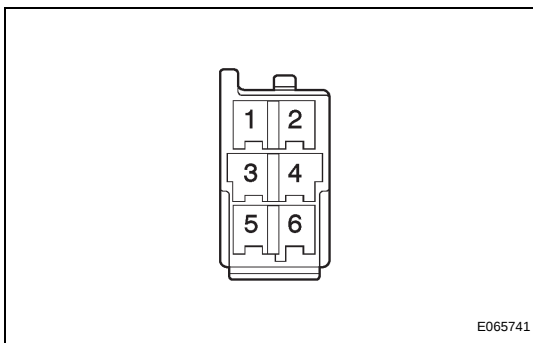
Malfunction part	Tester connection	Specified condition
Rear door LH	6 (LSSR) - Body ground	No continuity → Continuity
Rear door RH	6 (LSSR) - Body ground	No continuity → Continuity

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****REPLACE DRIVER SIDE JUNCTION BLOCK****9****CHECK WITH MOTOR BACK DOOR LOCK ASSEMBLY**

- (a) Measure voltage between terminal 4 (LS3) of with motor back door lock assembly and body ground.

Standard

Door lock position	Specified condition
Lock	No continuity
Unlock	Continuity

NG**REPLACE WITH MOTOR BACK DOOR LOCK ASSEMBLY****OK****REPAIR OR REPLACE HARNESS OR CONNECTOR**

10 CHECK DRIVER SIDE JUNCTION BLOCK

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

Standard voltage

IG SW	Specified condition
ACC	10 to 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)

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

Standard:

There is continuity

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE IGNITION OR STARTER SWITCH ASSEMBLY**12 CHECK DRIVER SIDE JUNCTION BLOCK (ILE)**

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

Standard voltage

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

NG

REPLACE DRIVER SIDE JUNCTION BLOCK

OK

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

- (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 light assembly No. 1, No. 2	1A-8 (ILR) - Room light assembly	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 LIGHT ASSEMBLY NO.1**

- (a) Check the continuity between terminals of the room light assembly No. 1.

Standard:**There is continuity.**

NG

REPLACE ROOM LIGHT ASSEMBLY NO.1

OK

REPLACE ROOM LIGHT ASSEMBLY NO.2