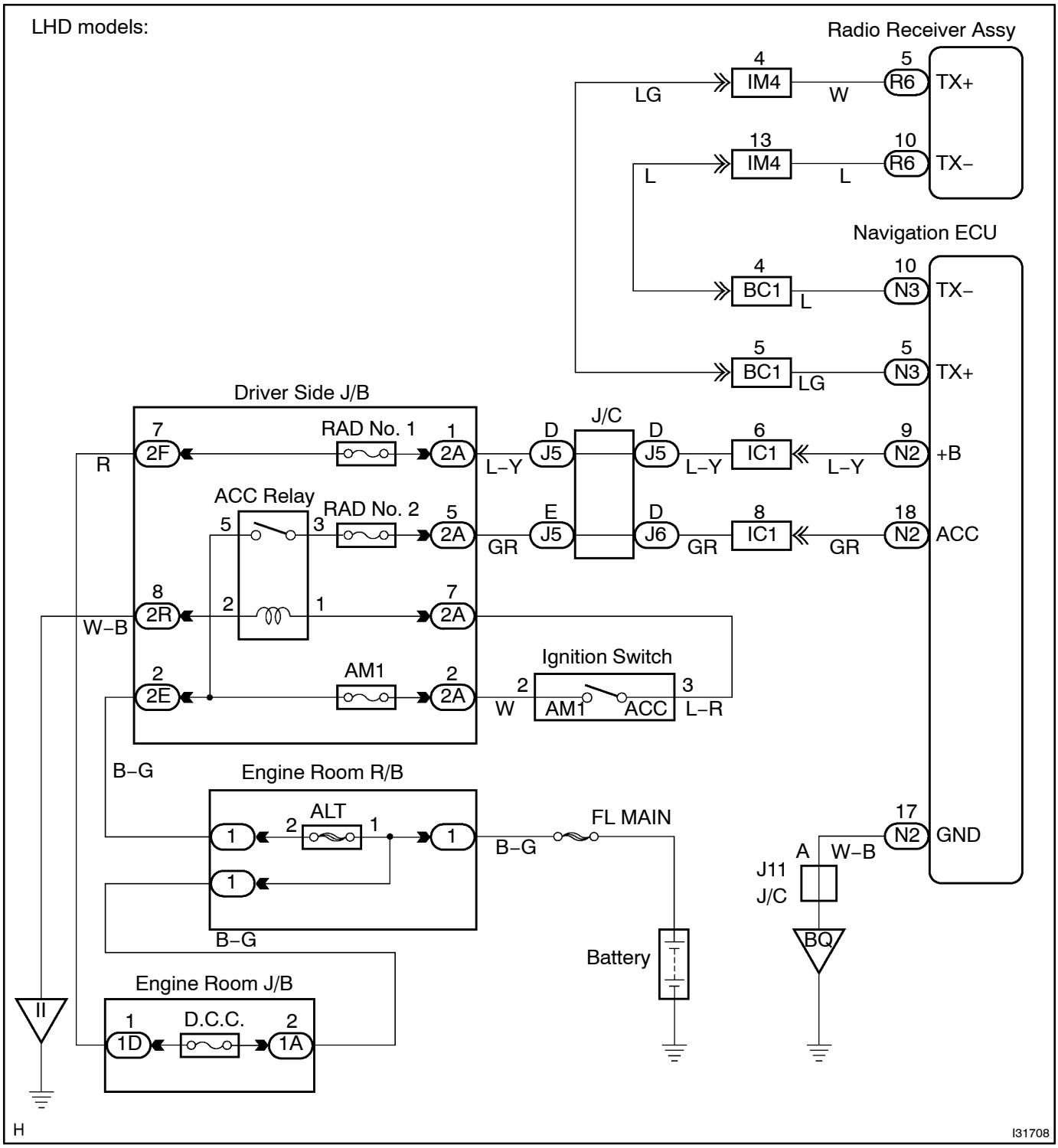
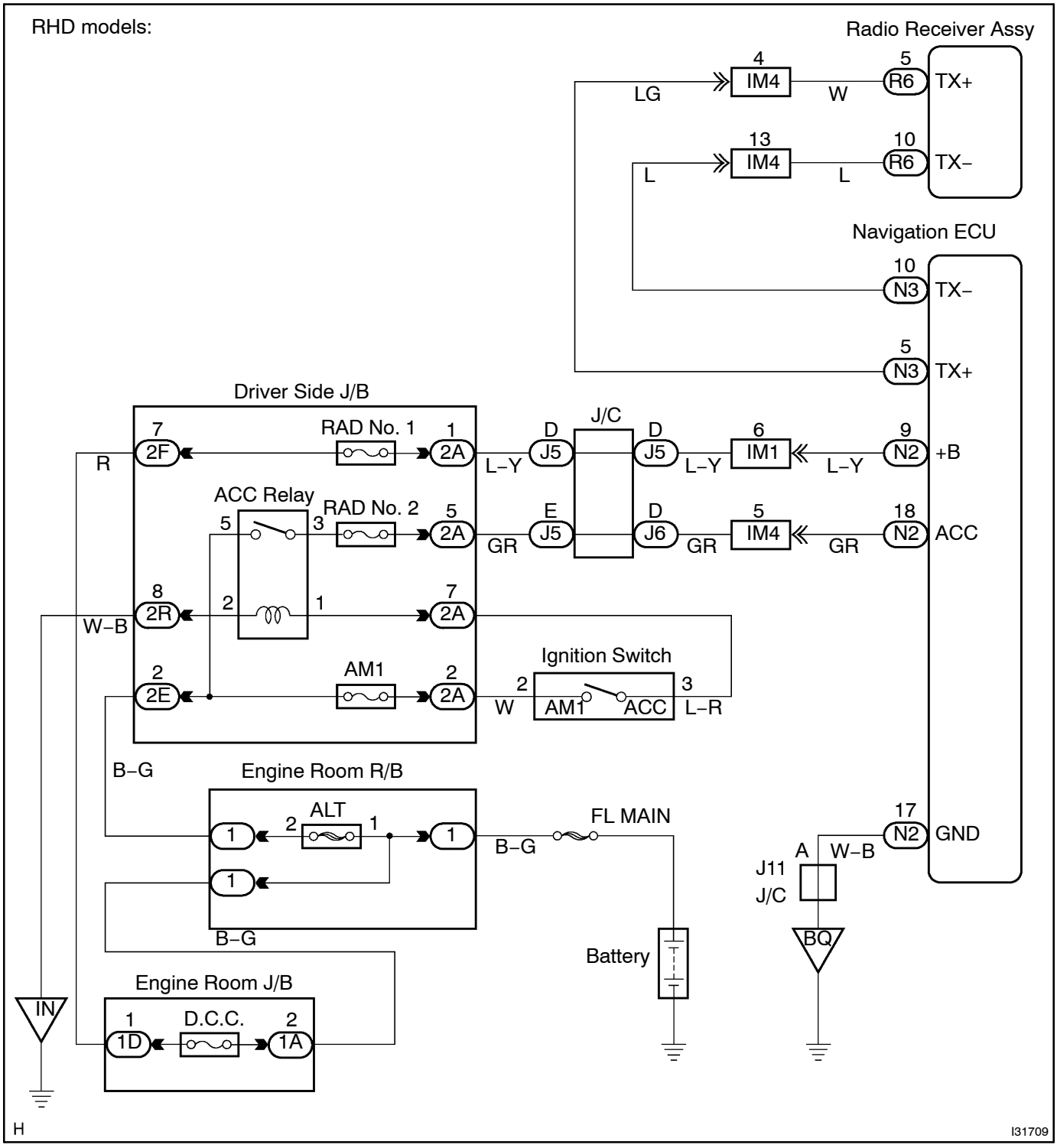
NO NAVIGATION SCREEN DISPLAYED WHEN ”MAP/VOICE”, ”MENU” OR ”DEST” SWITCH PRESSED (SCREEN CANNOT BE SWITCHED)

WIRING DIAGRAM




RHD models:
Radio Receiver Assy
4
IM4
5
R6
TX+
LG
W
13
IM4
10
R6
TX–
L
L
Navigation ECU
10
N3
TX–
5
N3
TX+
Driver Side J/B
J/C
7
2F
RAD No. 1
1
2A
D
J5
D
J5
6
IM1
9
N2
+B
R
L–Y
L–Y
L–Y
ACC Relay
RAD No. 2
5
3
5
2A
E
J5
D
J6
5
IM4
18
N2
ACC
GR
GR
GR
8
2R
2
1
7
2A
W–B
2
2E
AM1
2
2A
Ignition Switch
2
3
W
AM1
ACC
L–R
B–G
Engine Room R/B
ALT
2
1
1
1
1
1
FL MAIN
B–G
B–G
17
N2
GND
A
W–B
J11
J/C
BQ
Battery
Engine Room J/B
IN
1
D.C.C.
2
1D
1A
H
I31709

INSPECTION PROCEDURE

1	SERVICE CHECK MODE(NAVIGATION ECU)

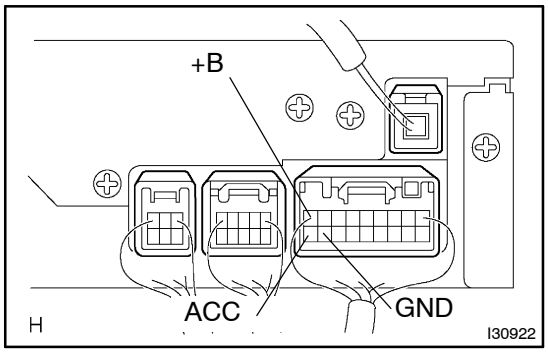
(a) Perform service check.
(1) Start up the diagnosis system and read result of navigation ECU in the service check mode.

A	”NCON” is displayed or ”NAVI” is not displayed
B	”NAVI: OK” is displayed

B → **CHECK AND REPLACE RADIO RECEIVER ASSY**

A

2	INSPECT NAVIGATION ECU(+B, ACC, GND)



(a) Remove the navigation ECU with connectors with still connected.
(b) Check voltage.
(1) Measure voltage between terminals +B, ACC and GND of navigation ECU at each conditions, as shown in the chart.

Standard:

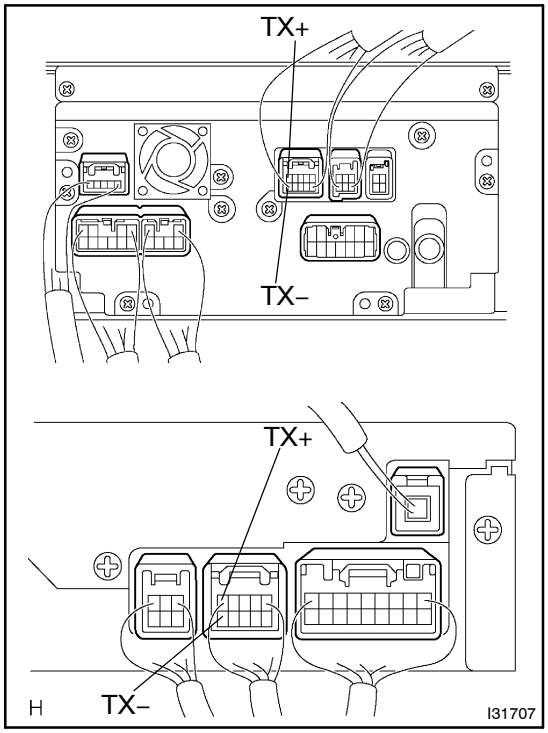
Terminal	Condition	Voltage (v)
+B ⇔ GND	Constant	10 – 14 V
ACC ⇔ GND	Turn ignition switch ACC	10 – 14 V

(c) Check continuity.
(1) Check that the continuity exists between terminal GND of navigation ECU and body ground.
Standard: Continuity exists.

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

OK

3	CHECK HARNESS AND CONNECTOR(RADIO RECEIVER ASSY–NAVIGATION ECU)



(a) Disconnect the connector from the navigation ECU.
(b) Disconnect the connector from the radio receiver assy.
(c) Check continuity.
  (1) Check that the continuity between navigation ECU and radio receiver assy.

Standard:

Tester connection	Specified condition
TX+ ⇔ TX+	Continuity
TX– ⇔ TX–	Continuity
TX+ ⇔ Body ground	No continuity
TX– ⇔ Body ground	No continuity

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

OK

CHECK AND REPLACE NAVIGATION ECU