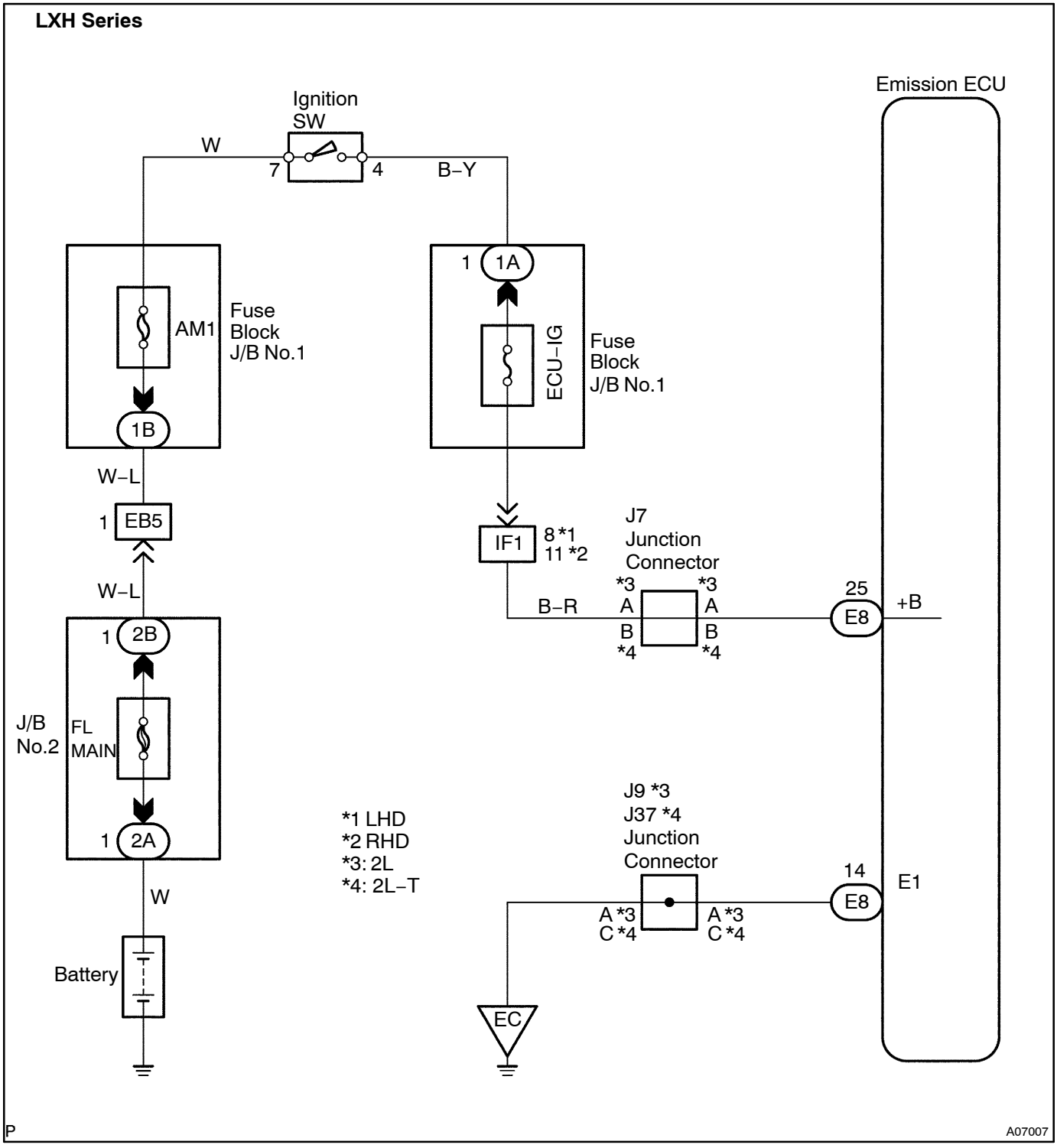
DI3WW–02

ECU Power Source Circuit

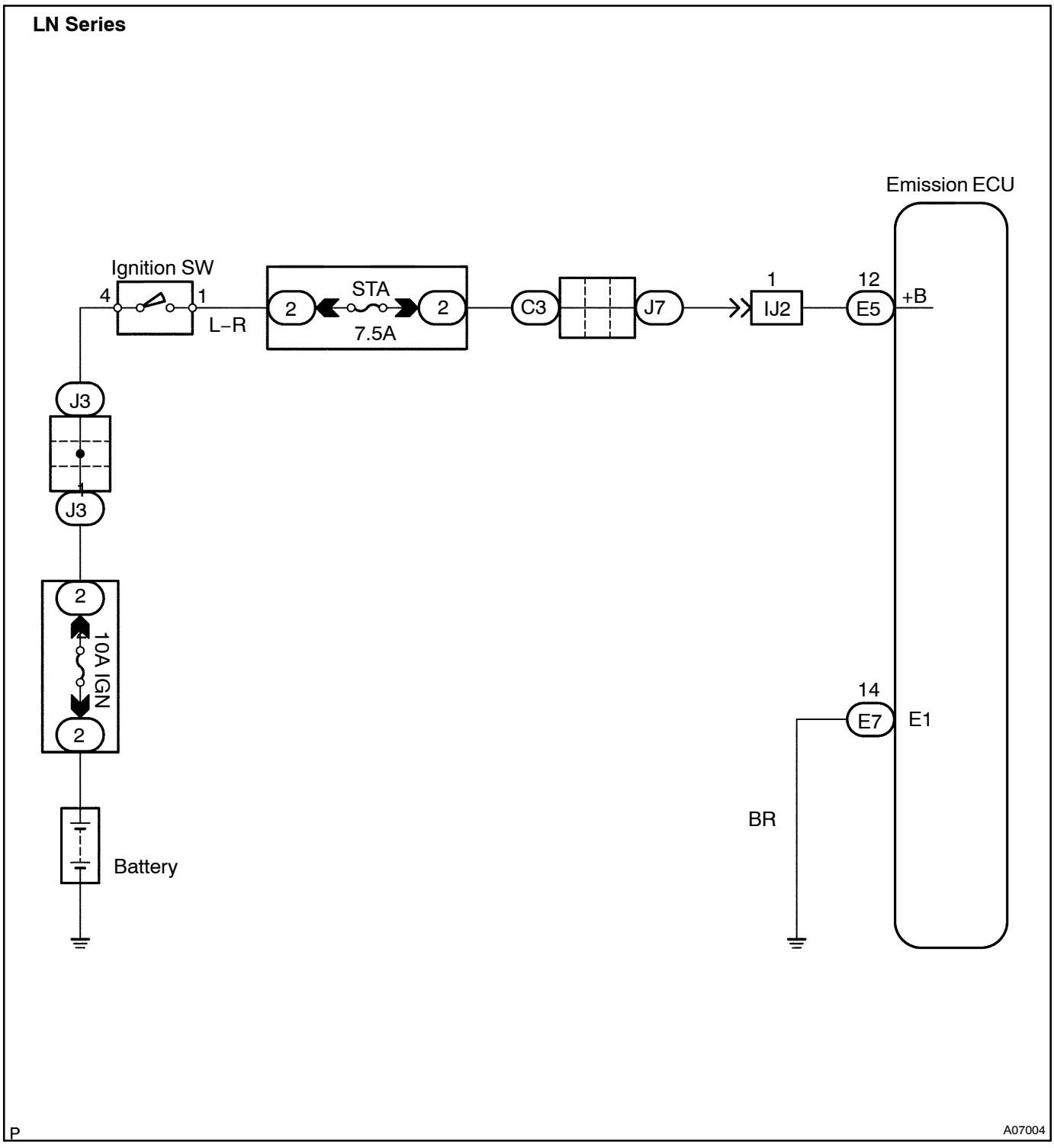
CIRCUIT DESCRIPTION

When the ignition switch is turned ON, battery voltage is applied to the coil, supplying power to terminal +B of the emission ECU.

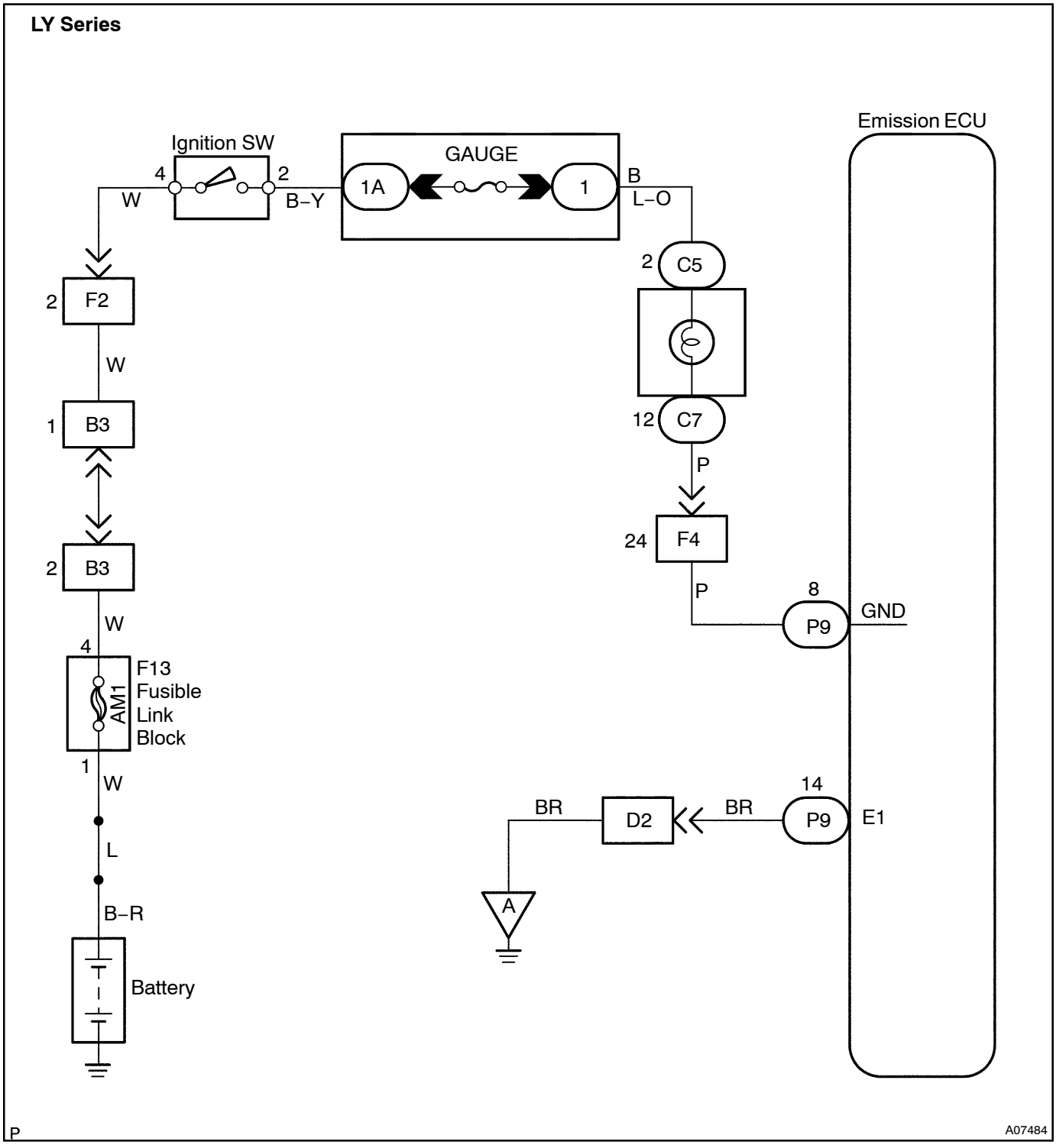
WIRING DIAGRAM



LN Series

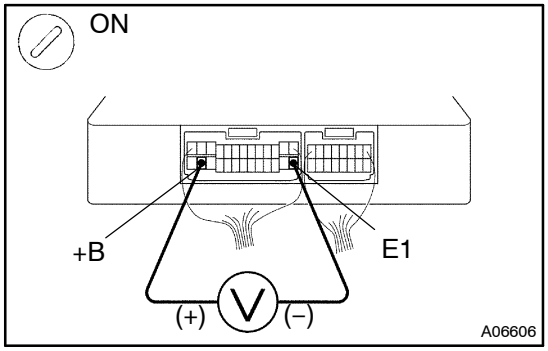

Emission ECU
Ignition SW
4
1
L–R
2
STA
2
7.5A
C3
J7
1
IJ2
12
E5
+B
J3
1
J3
2
10A IGN
2
Battery
14
E7
E1
BR
P
A07004

LY Series


Ignition SW
4
2
W
B–Y
GAUGE
1A
1
B
L–O
Emission ECU
2
C5
12
C7
P
24
F4
P
8
P9
GND
2
F2
W
1
B3
2
B3
W
4
F13
Fusible
Link
Block
AM1
1
W
L
B–R
Battery
14
BR
D2
BR
P9
E1
A
P
A07484

INSPECTION PROCEDURE

1	**Check voltage between terminals +B and E1 of emission ECU.**



PREPARATION:

(a) Disconnect the emission ECU from the body panel (See page EC–6).

(b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminals +B and E1 of the emission ECU.

OK:

Voltage: 9 – 14 V

OK → **Proceed to next circuit inspection shown on problem symptoms table (See page DI–16).**

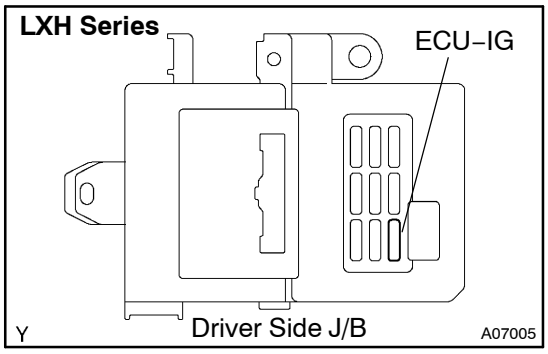
NG

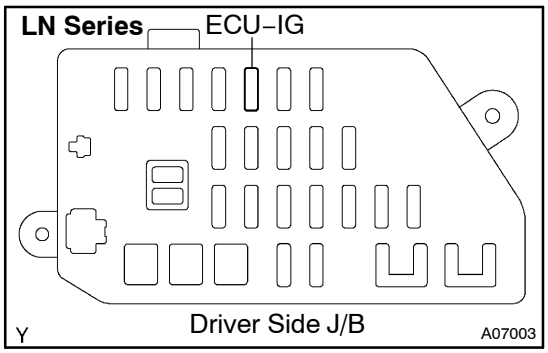
2	**Check for open in harness and connector between terminal E1 of emission ECU and body ground (See page IN–19).**

NG → **Repair or replace harness or connector.**

OK

3	Check ECU–IG fuse.





PREPARATION:

Remove ECU–IG fuse from driver side J/B.

CHECK:

Check continuity of ECU–IG fuse.

OK:

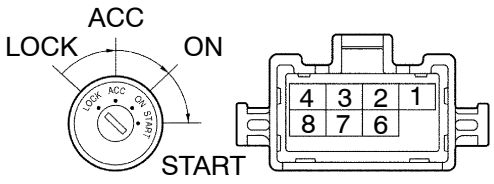
Continuity

NG → **Check for short in all the harness and components connected to ECU–IG fuse (See attached wiring diagram)**

OK

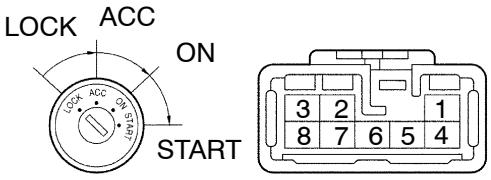
4	Check ignition switch.

LXH Series



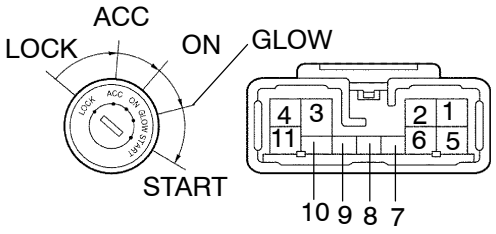
P A07504

LN Series



P A07503

LY Series



P A07502

PREPARATION:

(a) Remove the lower finish panel
(See page BE–5 of Pub. No. RM497E).

(b) Disconnect the ignition switch connector.

CHECK:

Check continuity between the terminals shown below.

OK:

LXH Series

Switch Position	Terminal No. to continuity	
LOCK	–	–
ACC	5–7	–
ON	4–5–7	2–3
START	1–2–4	6–7–8

LN Series

Switch Position	Terminal No. to continuity	
LOCK	–	–
ACC	5–7	–
ON	2–3	4–5–7
START	1–2–3	4–7–8

LY Series

Switch Position	Terminal No. to continuity	
LOCK	–	–
ACC	3–4	–
ON	2–3–4	–
GLOW	2–4–5	
START	1–2–4–5	

NG → **Replace ignition switch.**

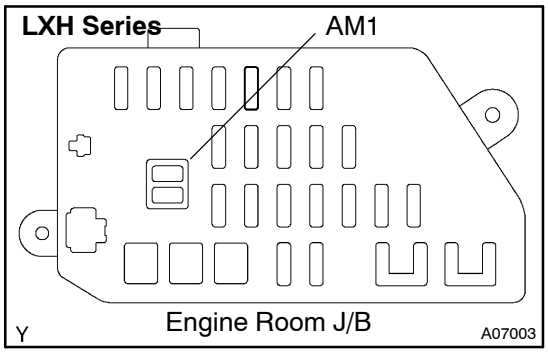
OK

5	Check for open in harness and connector between IG switch and body ground (See page IN–19).

NG → **Repair or replace harness or connector.**

OK

6	**Check AM1 fuse.**



PREPARATION:

Remove AM1 fuse from engine room J/B.

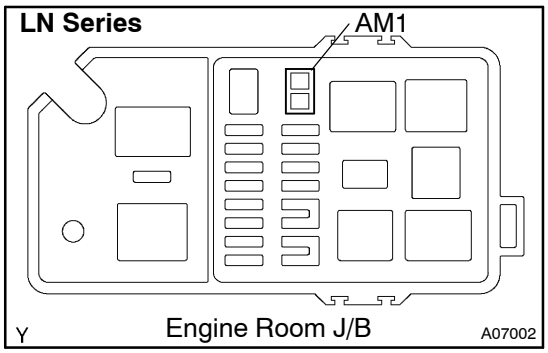
CHECK:

Check continuity of AM1 fuse.

OK:

Continuity

NG → **Check for short in all the harness and components connected to AM1 fuse (See attached wiring diagram).**



OK

Check for open in harness and connector between emission ECU.