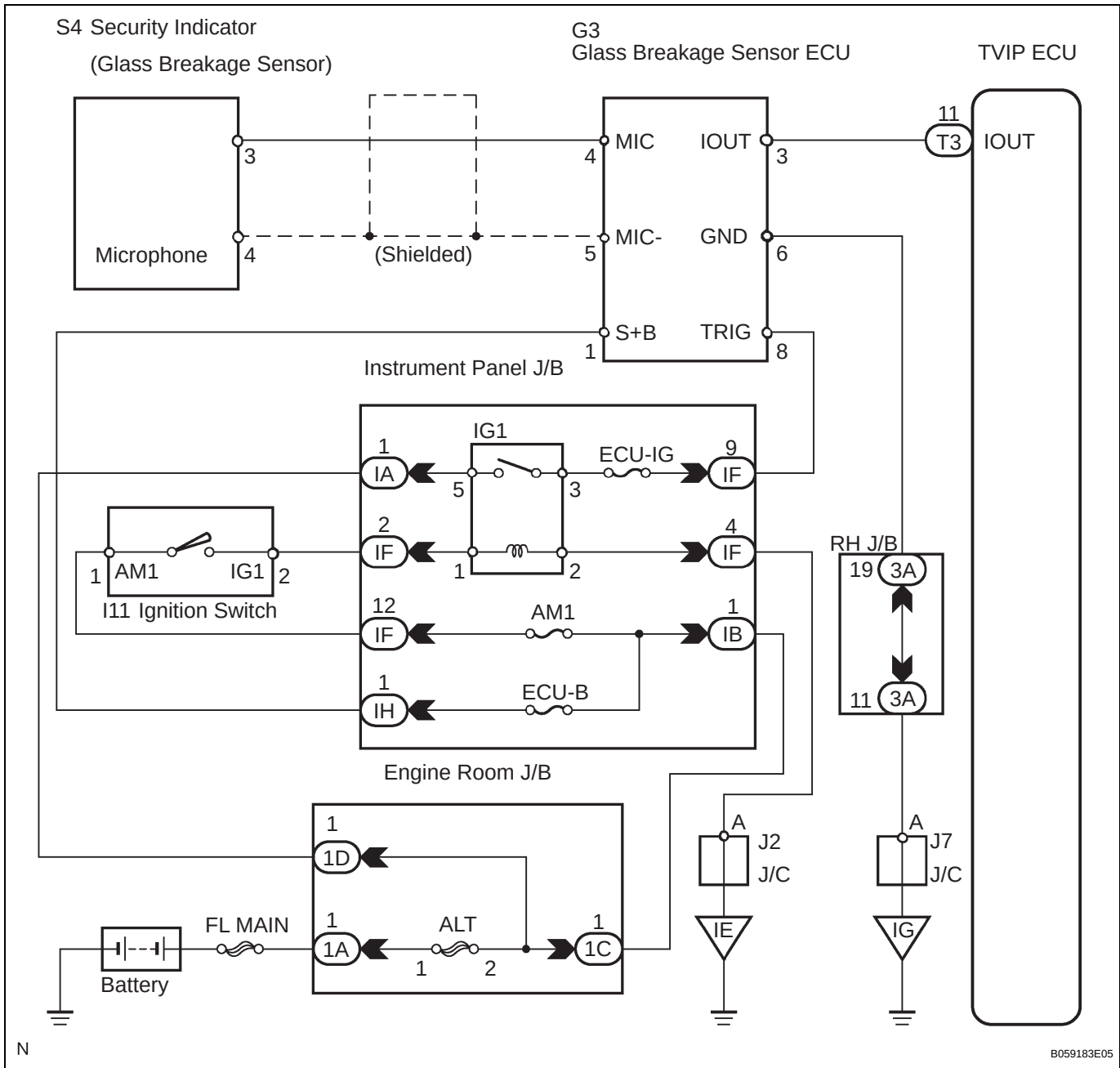


Glass Breakage Sensor Circuit

DESCRIPTION

The microphone of the glass breakage sensor is built into the security indicator. When this microphone senses breakage of glass, the glass breakage sensor ECU sends the signal of this breakage to the TVIP ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK SECURITY INDICATOR

- (a) Set the system in 30 seconds after flipping the security indicator to check if the alarm is triggered.

OK:

The alarm is triggered.

OK

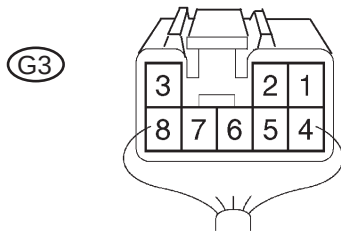
END

TD

NG

2 CHECK GLASS BREAKAGE SENSOR ECU (GLASS BREAKAGE SENSOR)

Connector connected



I024334E01

- (a) Measure the voltage and resistance according to the value(s) in the table below.

Standard

Tester Connection	Condition	Specified Condition
G3-1 - Body ground	Always	10 to 14 V
G3-3 - Body ground	Always	Pulse generation
G3-5 - Body ground	Always	Below 1 Ω
G3-8 - Body ground	Ignition switch ON	10 to 14 V

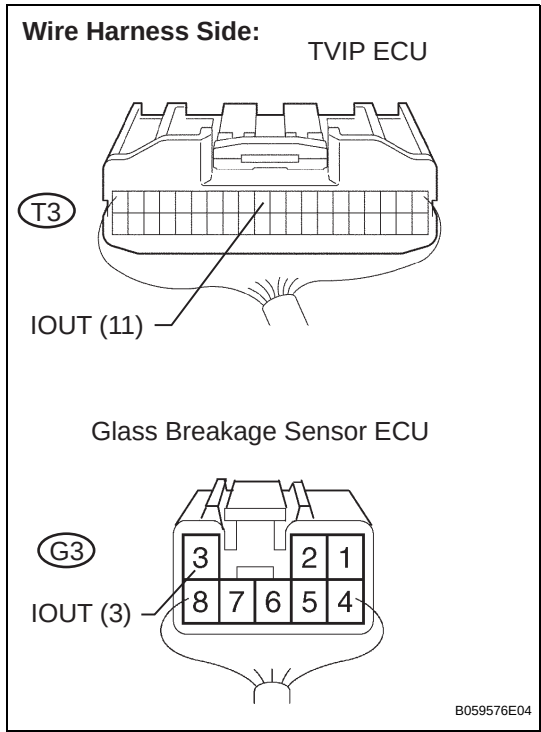
NG

REPLACE GLASS BREAKAGE SENSOR ECU

OK

3

CHECK HARNESS AND CONNECTOR (TVIP ECU - GLASS BREAKAGE SENSOR ECU)



- (a) Disconnect the TVIP ECU and glass breakage sensor ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Specified Condition
IOU T (T3-11) - IOU T (G3-3)	Below 1 Ω

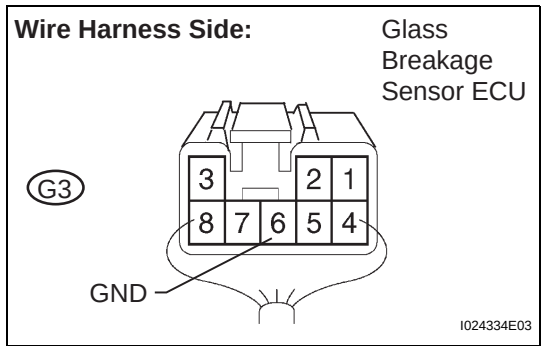
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4

CHECK HARNESS AND CONNECTOR (GLASS BREAKAGE SENSOR ECU - BODY GROUND)



- (a) Disconnect the glass breakage sensor ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Specified Condition
GND (G3-6) - Body ground	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE TVIP ECU