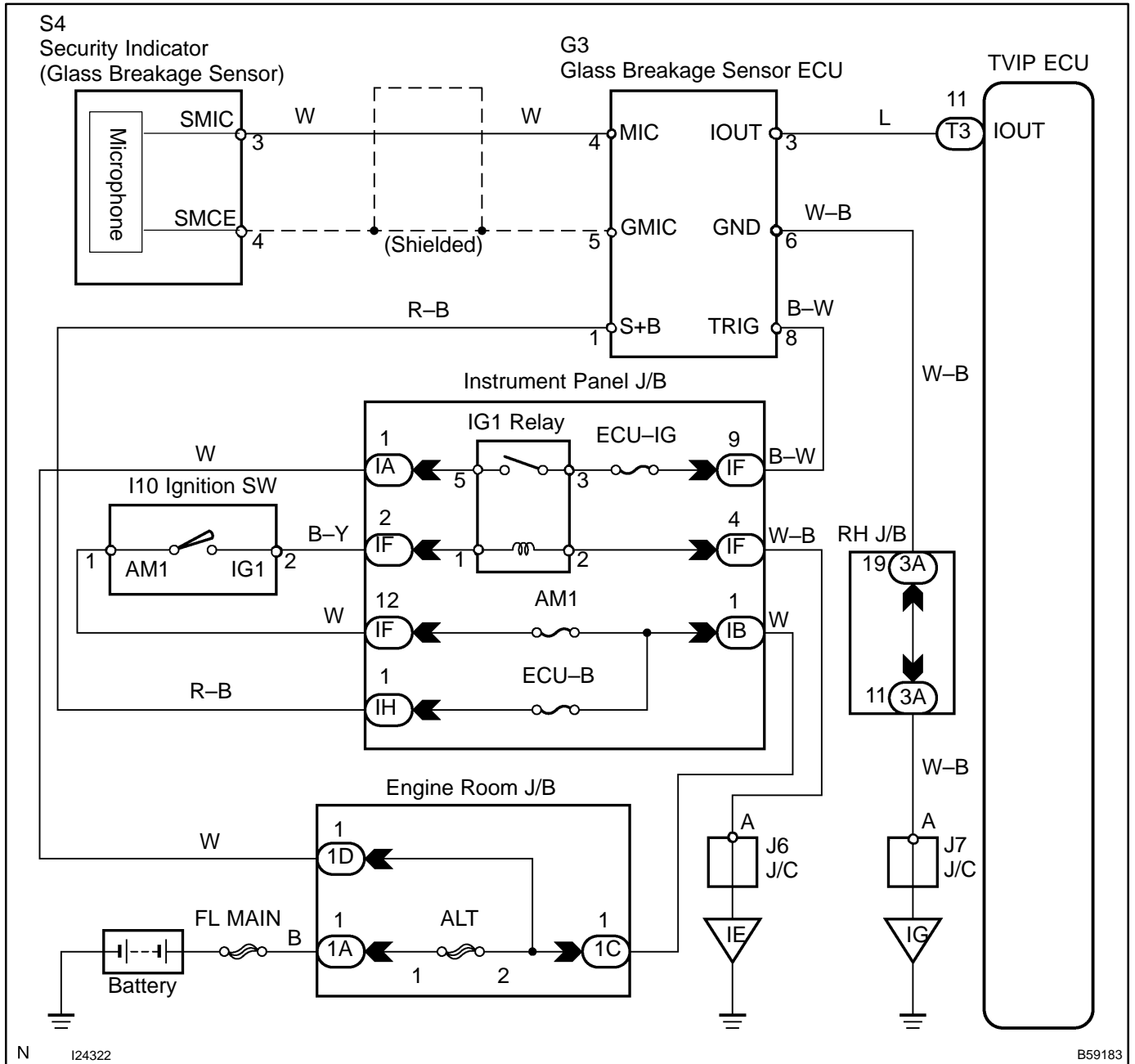


# GLASS BREAKAGE SENSOR CIRCUIT

## CIRCUIT DESCRIPTION

The microphone of the glass breakage sensor is built in 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



N 124322

B59183

## INSPECTION PROCEDURE

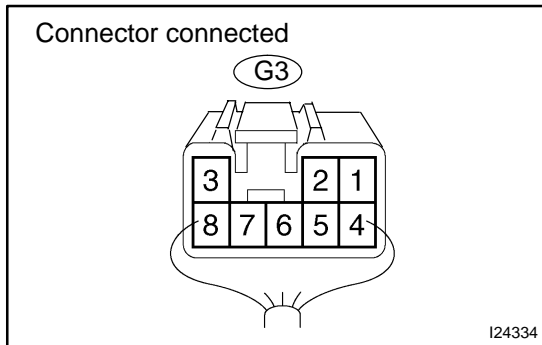
### 1 CHECK SECURITY INDICATOR LIGHT

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

**OK** NO PROBLEM

**NG**

### 2 CHECK GLASS BREAKAGE SENSOR ECU (GLASS BREAKAGE SENSOR)



(a) Check the continuity and voltage of the glass breakage sensor ECU, as shown in the illustration and table.

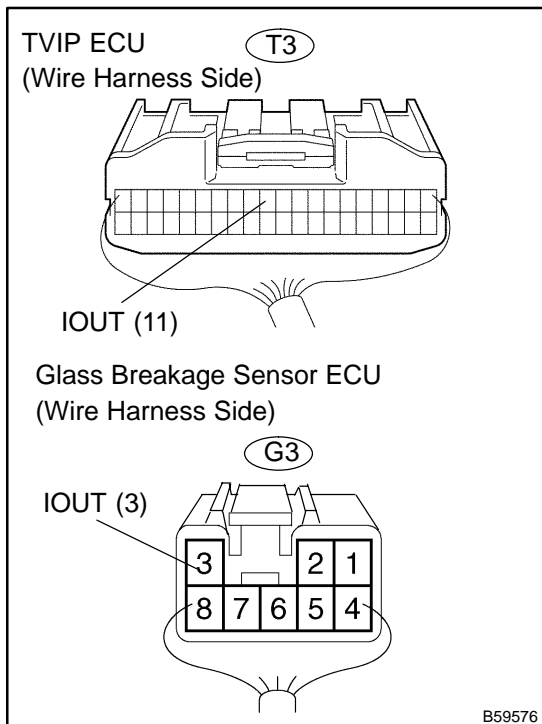
**Standard:**

Terminal No.	Condition	Specified condition
G3-1 ⇔ Body ground	Constant	Battery voltage
G3-3 ⇔ Body ground	Constant	Pulse generation
G3-5 ⇔ Body ground	Constant	Continuity
G3-8 ⇔ Body ground	Ignition switch ON	Battery voltage

**NG** CHECK AND REPLACE GLASS BREAKAGE SENSOR ECU (See page 01-30)

**OK**

### 3 CHECK WIRE HARNESS (TVIP ECU ⇔ GLASS BREAKAGE SENSOR ECU)



(a) Disconnect the TVIP ECU and glass breakage sensor ECU connectors.

(b) Check the continuity and between the connectors on the harness side, as shown in the illustration and table.

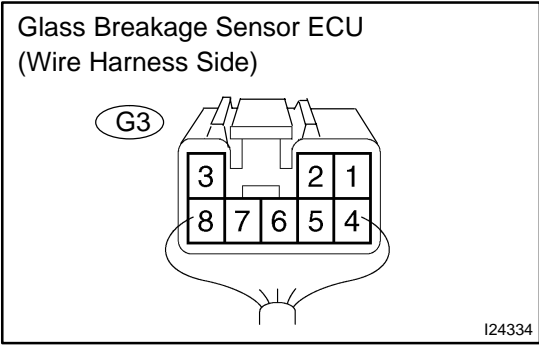
**Standard:**

Symbols (Terminal No.) (TVIP ECU ⇔ Sensor ECU)	Specified condition
IOU T (T3-11) ⇔ IOU T (G3-3)	Continuity

**NG** REPAIR OR REPLACE WIRE HARNESS AND CONNECTOR

**OK**

**4 CHECK WIRE HARNESS (GLASS BREAKAGE SENSOR ECU ↔ BODY GROUND)**



- (a) Disconnect the glass breakage sensor ECU connector.
- (b) Check the continuity between the terminal of the glass breakage sensor ECU connector and the body ground, as shown in the illustration and table.

**Standard:**

Symbols (Terminal No.) (Glass breakage sensor ↔ Body ground)	Specified condition
GND (G3-6) ↔ Body ground	Continuity

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

**OK**

**CHECK AND REPLACE TVIP ECU (See page 01-30)**