

## 6-2d [T1A0] BODY ELECTRICAL SYSTEM (SECURITY SYSTEM)

### 1. Precaution

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### A: SUPPLEMENTAL RESTRAINT SYSTEM "AIRBAG"

Airbag system wiring harness is routed near the security control module.

#### CAUTION:

- All airbag system wiring harness and connectors are colored yellow. Do not use electrical test equipment on these circuits.
- Be careful not to damage airbag system wiring harness when servicing the security control module.

## 2. Pre-inspection

### A: FUSE

**2A1 : CHECK FUSE NO. 23.**

Remove and visually check the fuse No. 23 (in main fuse box).

**CHECK** : *Is fuse No. 23 blown?*

**YES** : Replace fuse (20 A).

**NO** : Go to step **2A2**.

**2A2 : CHECK FUSE NO. 25.**

Remove and visually check the fuse No. 25 (in main fuse box).

**CHECK** : *Is fuse No. 25 blown?*

**YES** : Replace fuse (15 A).

**NO** : Go to step **2B1**.

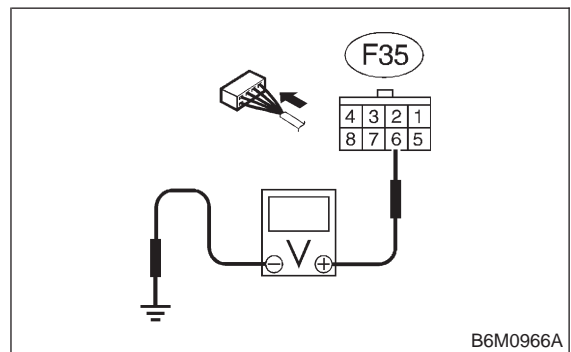
### B: POWER SUPPLY CIRCUIT

**2B1 : CHECK POWER SUPPLY CIRCUIT.**

Measure voltage between main fuse box connector (F35) and chassis ground.

#### Connector & terminal

*(F35) No. 6 (+) — Chassis ground (-):*



**CHECK** : *Is the voltage more than 10 V?*

**YES** : Go to step **2B2**.

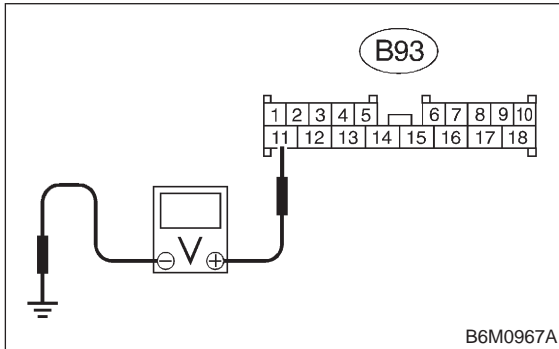
**NO** : Repair wiring harness between main fuse box and battery.

**2B2 : CHECK POWER SUPPLY CIRCUIT.**

- 1) Disconnect connector from security control module.
- 2) Measure voltage between security control module connector (B93) and chassis ground.

**Connector & terminal**

**(B93) No. 11 (+) — Chassis ground (-):**



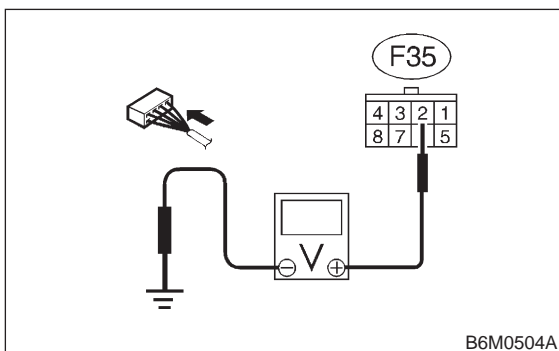
- CHECK** : **Is the voltage more than 10 V?**
- YES** : Go to step **2B3**.
- NO** : Repair wiring harness between security control module and main fuse box.

**2B3 : CHECK POWER SUPPLY CIRCUIT.**

Measure voltage between main fuse box connector (F35) and chassis ground.

**Connector & terminal**

**(F35) No. 2 (+) — Chassis ground (-):**



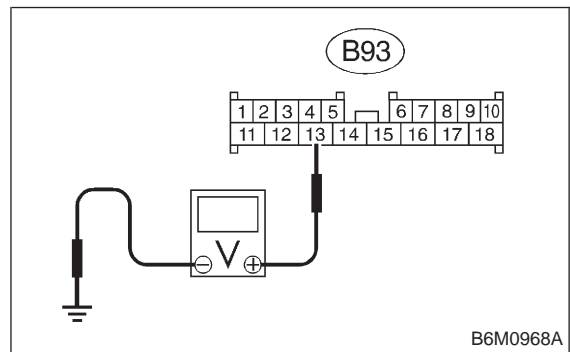
- CHECK** : **Is the voltage more than 10 V?**
- YES** : Go to step **2B4**.
- NO** : Repair wiring harness between main fuse box and battery.

**2B4 : CHECK POWER SUPPLY CIRCUIT.**

Measure voltage between security control module connector (B93) and chassis ground.

**Connector & terminal**

**(B93) No. 13 (+) — Chassis ground (-):**



- CHECK** : **Is the voltage more than 10 V?**
- YES** : Go to step **2C1**.
- NO** : Repair wiring harness between security control module and main fuse box.

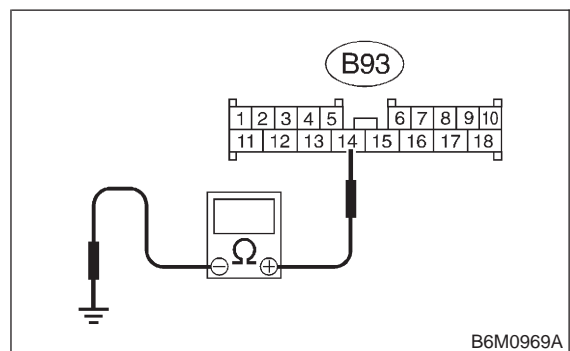
**C: GROUND CIRCUIT**

**2C1 : CHECK GROUND CIRCUIT.**

Measure resistance between security control module connector (B93) and chassis ground.

**Connector & terminal**

**(B93) No. 14 (+) — Chassis ground (-):**



- CHECK** : **Is the resistance less than 10 Ω?**
- YES** : Go to step **6A1**.
- NO** : Repair wiring harness between security control module and chassis ground.