

## 6-2b [T1A1] BODY ELECTRICAL SYSTEM (ELECTRICAL PARTS)

### 1. Starter Interlock System (MT Model)

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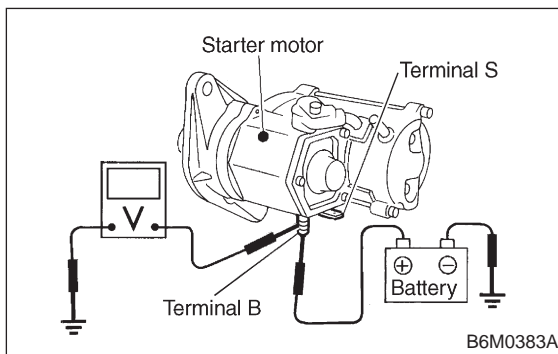
### A: DIAGNOSTICS PROCEDURE

#### 1A1 : CHECK MAIN POWER SUPPLY FOR STARTER MOTOR.

Measure voltage between starter motor terminal B and chassis ground.

#### Connector & terminal

**Terminal B (+) — Chassis ground (-):**



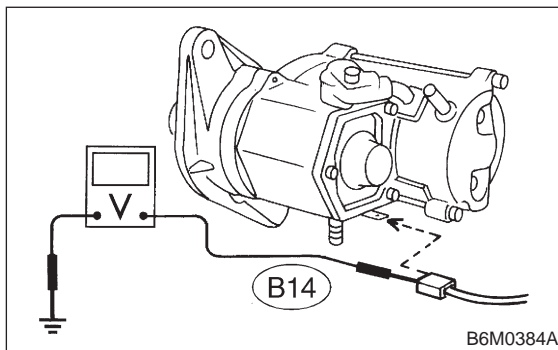
- CHECK** : Is the voltage more than 10 V?  
**YES** : Go to step 1A2.  
**NO** : Repair wiring harness.

#### 1A2 : CHECK POWER SUPPLY FOR MAGNET COIL OF STARTER MOTOR.

- 1) Disconnect all connectors from starter motor.
- 2) Turn ignition switch to ST (START).
- 3) Depress clutch pedal.
- 4) Measure voltage between starter motor terminal S connector and chassis ground.

#### Connector & terminal

**(B14) (+) — Chassis ground (-):**



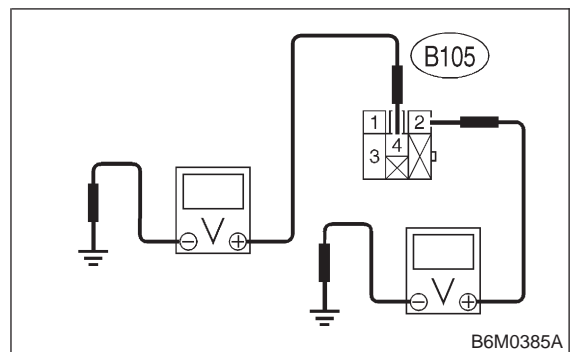
- CHECK** : Is the voltage more than 10 V?  
**YES** : Go to step 1A3.  
**NO** : Repair or replace starter motor.

#### 1A3 : CHECK POWER SUPPLY FOR STARTER INTERLOCK RELAY.

- 1) Disconnect all connectors from starter motor.
- 2) Disconnect connector of starter interlock relay.
- 3) Turn ignition switch to ST (START).
- 4) Measure voltage between starter interlock relay connector and chassis ground.

#### Connector & terminal

**(B105) No. 2 (+) — Chassis ground (-):**



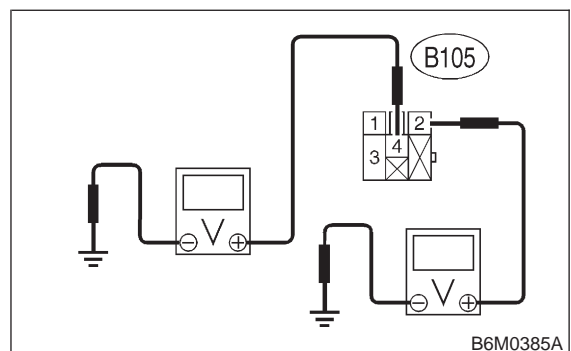
- CHECK** : Is the voltage more than 10 V?  
**YES** : Go to step 1A4.  
**NO** : Repair wiring harness.

#### 1A4 : CHECK POWER SUPPLY FOR STARTER INTERLOCK RELAY.

Measure voltage between starter interlock relay connector and chassis ground.

#### Connector & terminal

**(B105) No. 4 (+) — Chassis ground (-):**



- CHECK** : Is the voltage more than 10 V?  
**YES** : Go to step 1A5.  
**NO** : Repair wiring harness. Go to step 1A5.

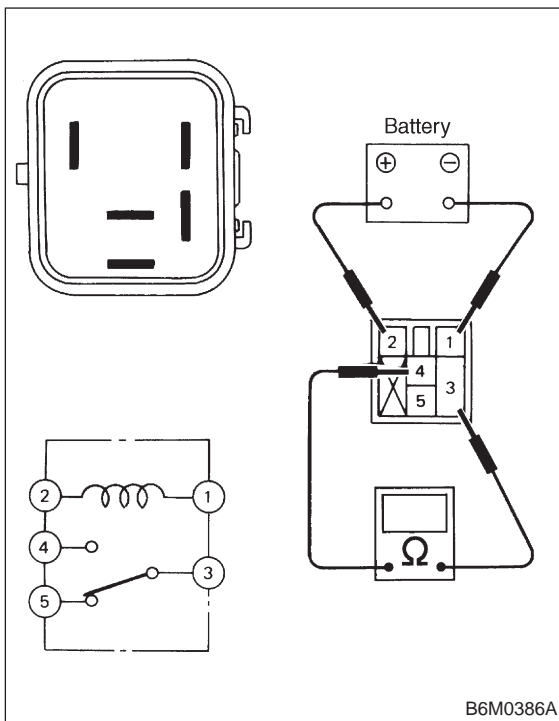
# BODY ELECTRICAL SYSTEM (ELECTRICAL PARTS) [T1A7] 6-2b

## 1. Starter Interlock System (MT Model)

### 1A5 : CHECK STARTER INTERLOCK RELAY.

- 1) Disconnect connector of starter interlock relay.
- 2) Connect battery to terminal No. 2 and ground terminal No. 1.
- 3) Check continuity between terminals.

When current flows.	Between terminals No. 3 and No. 4	Continuity exists.
When current does not flow.	Between terminals No. 3 and No. 4	Continuity does not exist.
	Between terminals No. 1 and No. 2	Continuity exists.



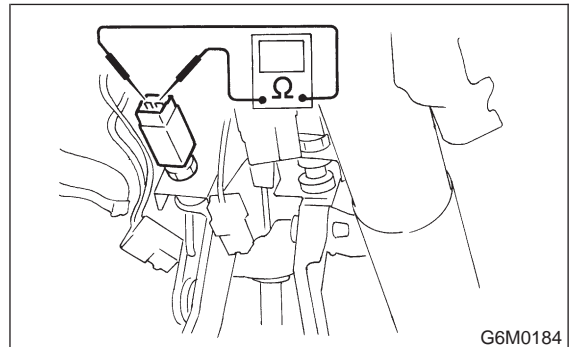
- CHECK** : *Is starter interlock relay normal?*
- YES** : Go to step **1A6**.
- NO** : Replace starter interlock relay.

### 1A6 : CHECK CLUTCH SWITCH.

- 1) Disconnect connector of clutch switch.
- 2) Check continuity between terminals when clutch pedal is released.

#### Terminals

**No. 1 — No. 2:**



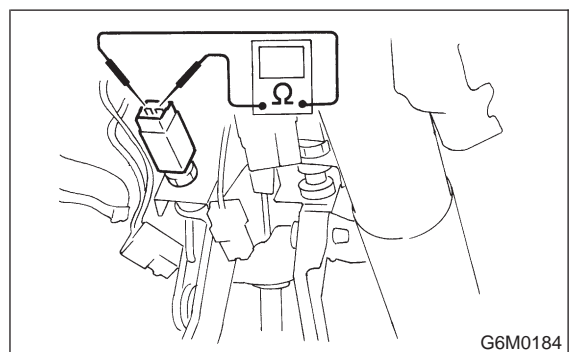
- CHECK** : *Is the resistance less than 10 Ω? (With pedal released)*
- YES** : Go to step **1A7**.
- NO** : Adjust or replace clutch switch.

### 1A7 : CHECK CLUTCH SWITCH.

Check continuity between terminals when clutch pedal is depressed.

#### Terminals

**No. 1 — No. 2:**



- CHECK** : *Is the resistance more than 1 MΩ? (With pedal depressed)*
- YES** : Go to step **1A8**.
- NO** : Adjust or replace clutch switch.

## 6-2b [T1A8] BODY ELECTRICAL SYSTEM (ELECTRICAL PARTS)

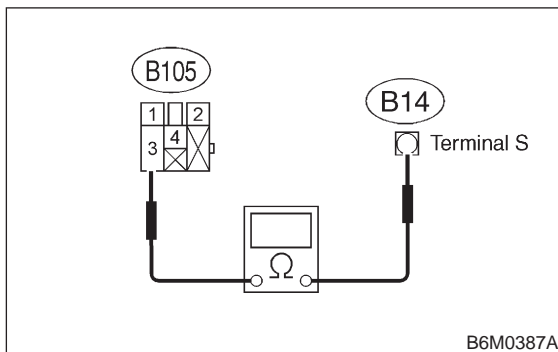
### 1. Starter Interlock System (MT Model)

#### 1A8 : CHECK HARNESS CONNECTOR BETWEEN STARTER INTERLOCK RELAY AND STARTER MOTOR.

- 1) Disconnect connectors of starter interlock relay and starter motor.
- 2) Measure resistance of harness connector between starter interlock relay and starter motor.

##### Connector & terminal

(B105) No. 3 — (B14):



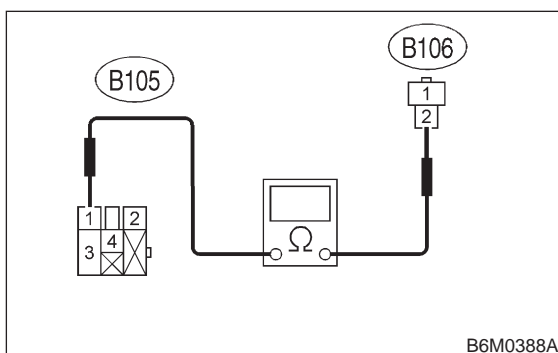
- CHECK** : Is the resistance less than 10 Ω?
- YES** : Go to step 1A9.
- NO** : Repair wiring harness.

#### 1A9 : CHECK HARNESS CONNECTOR BETWEEN STARTER INTERLOCK RELAY AND CLUTCH SWITCH.

- 1) Disconnect connectors of starter interlock relay and clutch switch.
- 2) Measure resistance of harness connector between starter interlock relay and clutch switch.

##### Connector & terminal

(B105) No. 1 — (B106) No. 2:



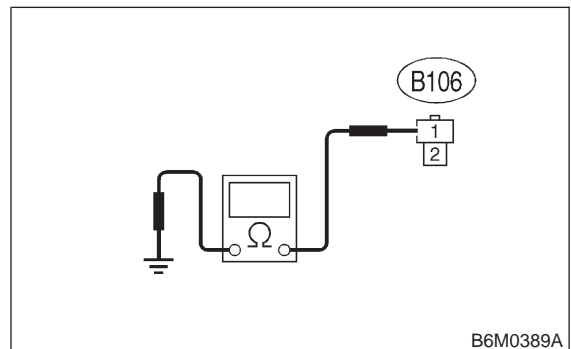
- CHECK** : Is the resistance less than 10 Ω?
- YES** : Go to step 1A10.
- NO** : Repair wiring harness.

#### 1A10 : CHECK GROUND CIRCUIT OF CLUTCH SWITCH.

- 1) Disconnect connector of clutch switch.
- 2) Measure resistance of harness connector between clutch switch and chassis ground.

##### Connector & terminal

(B106) No. 1 (+) — Chassis ground (-):



- CHECK** : Is the resistance less than 10 Ω?
- YES** : System is normal.
- NO** : Repair wiring harness.