

### 3. General Description

#### A: CAUTION

##### 1. SRS AIRBAG SYSTEM

The airbag system wiring harness is routed near the TCM.

##### CAUTION:

- All the airbag system wiring harnesses and connectors are colored yellow. Do not use an electric test equipment to check these circuits.
- Be careful not to damage the airbag system wiring harness when performing diagnostics or servicing the TCM.

##### 2. HYBRID SYSTEM

Refer to "CAUTION (HYBRID SYSTEM)" in "PRECAUTION section". <Ref. to PC-7, CAUTION (HYBRID SYSTEM), Precaution.>

##### 3. MEASUREMENT

When measuring the voltage and resistance of the ECM, TCM or each sensor, use a tapered pin with a diameter of less than 0.64 mm (0.025 in) in order to avoid poor contact. Do not insert a pin of more than 0.65 mm (0.026 in) diameter.

#### B: INSPECTION

##### 1. 12 VOLT AUXILIARY BATTERY

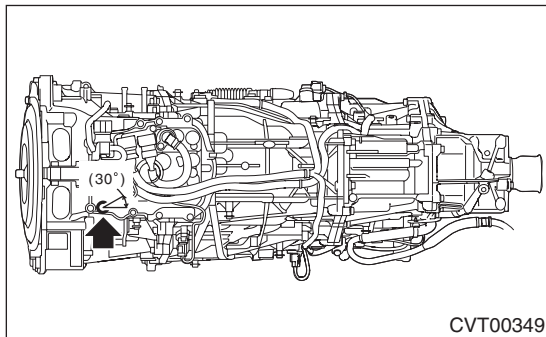
Check the battery. <Ref. to SC(H4DO(HEV))-43, INSPECTION, Battery.>

##### 2. TRANSMISSION GROUND

Make sure that the ground terminal bolt is tightened securely.

##### *Tightening torque:*

**14 N·m (1.4 kgf-m, 10.3 ft-lb)**



##### 3. OPERATION OF SELECT LEVER

Make sure there is no noise, dragging or contact pattern in each select lever range.

##### WARNING:

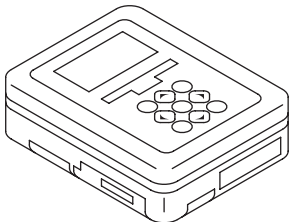
**Stop the engine while checking operation of the select lever.**

## General Description

CONTINUOUSLY VARIABLE TRANSMISSION (DIAGNOSTICS)

### C: PREPARATION TOOL

#### 1. SPECIAL TOOL

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST1B022XU0	1B022XU0	SUBARU SELECT MONITOR III KIT	Used for setting of each function and trouble-shooting for electrical system.  NOTE: For detailed operation procedures of Subaru Select Monitor III, refer to "PC application help for Subaru Select Monitor".

#### 2. GENERAL TOOL

TOOL NAME	REMARKS
Circuit tester	Used for measuring resistance, voltage and current.
Oscilloscope	Used for measuring the sensor.