

# GENERAL DESCRIPTION

Cruise Control System (DIAGNOSTICS)

## 2. General Description S003001

### A: CAUTION S003001A03

#### 1. SUPPLEMENTAL RESTRAINT SYSTEM

##### “AIRBAG” S003001A0301

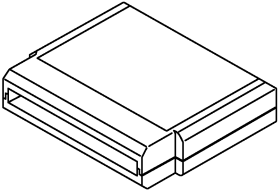

Airbag system wiring harness is routed near the cruise control module and cruise control command switch.

### 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 cruise control module and cruise control command switch.

### B: PREPARATION TOOL S003001A17

#### 1. SPECIAL TOOLS S003001A1701

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
  <small>B2M3876</small>	24082AA190 (Newly adopted tool)	CARTRIDGE	Troubleshooting for electrical systems.
  <small>B2M3877</small>	22771AA030	SELECT MONITOR KIT	Troubleshooting for electrical systems. <ul style="list-style-type: none"> <li>● English: 22771AA030 (Without printer)</li> <li>● German: 22771AA070 (Without printer)</li> <li>● French: 22771AA080 (Without printer)</li> <li>● Spanish: 22771AA090 (Without printer)</li> </ul>

#### 2. GENERAL TOOLS S003001A1702

TOOL NAME	REMARKS
Circuit Tester	Used for measuring resistance, voltage and ampere.

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Cruise Control System (DIAGNOSTICS)

## C: INSPECTION S003001A10

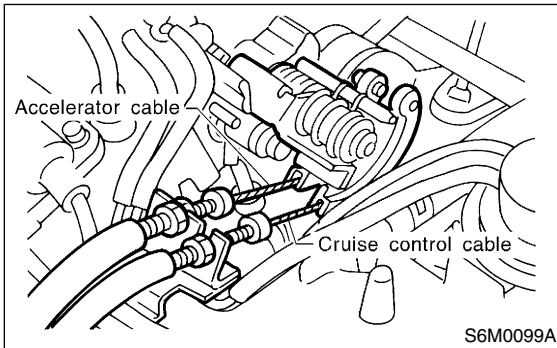
### 1. BATTERY S003001A1002

Measure battery voltage and specific gravity of electrolyte.

**Standard voltage:**  
**12 V, or more**

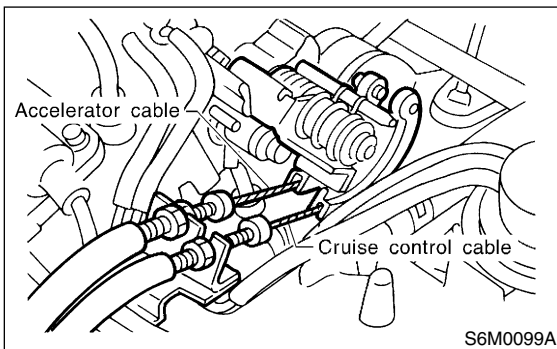
**Specific gravity:**  
**Above 1.260**

### 2. CRUISE CONTROL CABLE S003001A1003



Check the cruise control cable installation.  
If NG, install the cable securely.

### 3. ACCELERATOR CABLE S003001A1004

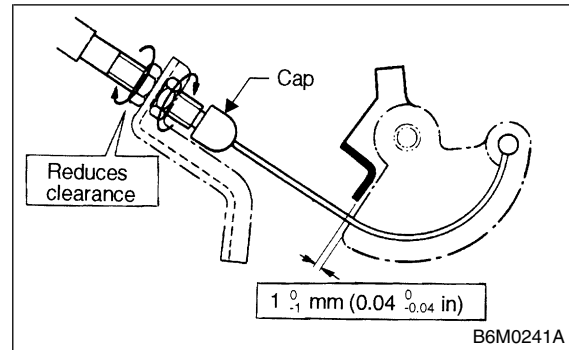


Check movement of the accelerator cable when the cruise control throttle is moved by hand.  
If NG, check throttle cam.

### 4. THROTTLE CAM S003001A1005

Check that the throttle cam moves smoothly.  
If NG, repair throttle cam.

### 5. CABLE FREE PLAY S003001A1006



Check that the throttle cam-to-lever clearance is within specifications.

**Throttle cam-to-lever clearance:**  
**0 — 1 mm (0 — 0.04 in)**

If NG, adjust the clearance with the adjusting nut.

**NOTE:**

Check that the cap is positioned in the groove.