

# GENERAL DESCRIPTION

## CRUISE CONTROL SYSTEM (DIAGNOSTICS)

## 2. General Description

### A: CAUTION

#### 1. SUPPLEMENTAL RESTRAINT SYSTEM "AIRBAG"

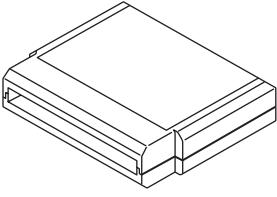
Airbag system wiring harness is routed near the cruise control module and cruise control command switch.

#### 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

#### 1. SPECIAL TOOLS

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST24082AA210	24082AA210 (Newly adopted tool)	CARTRIDGE	Troubleshooting for electrical systems.
 ST22771AA030	22771AA030	SELECT MONITOR KIT	Troubleshooting for electrical systems. • English: 22771AA030 (Without printer) • German: 22771AA070 (Without printer) • French: 22771AA080 (Without printer) • Spanish: 22771AA090 (Without printer)

### 2. GENERAL TOOLS

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

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### C: INSPECTION

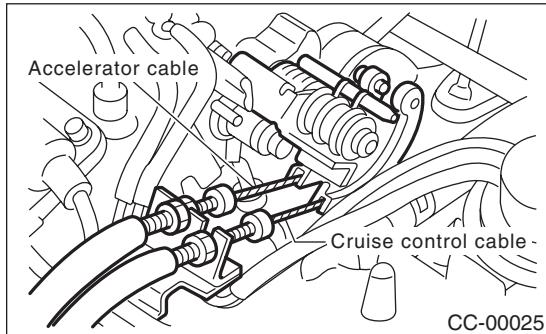
#### 1. BATTERY

Measure the battery voltage and specific gravity of electrolyte.

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

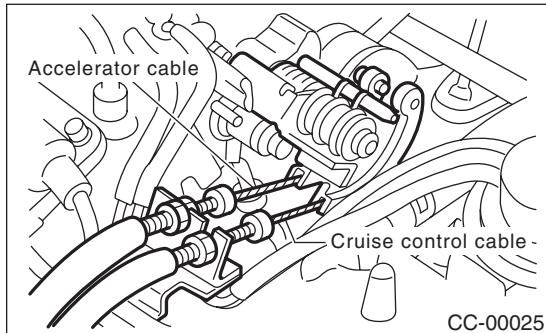
**Specific gravity:**  
Above 1.260

#### 2. CRUISE CONTROL CABLE



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

#### 3. ACCELERATOR CABLE

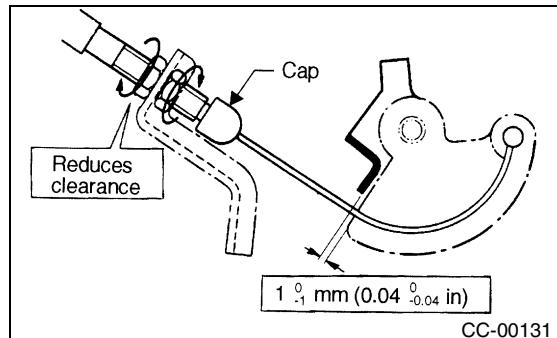


Check movement of the accelerator cable when the cruise control throttle is moved by hand.  
If NG, check the throttle cam.

#### 4. THROTTLE CAM

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

#### 5. CABLE FREE PLAY



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 adjust nut.

**NOTE:**

Check that the cap is positioned in the groove.