

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
 <p style="text-align: center;">B2M3877</p>	22771AA030	SELECT MONITOR KIT	Troubleshooting for electrical systems. <ul style="list-style-type: none"> ● English: 22771AA030 (Without printer) ● German: 22771AA070 (Without printer) ● French: 22771AA080 (Without printer) ● Spanish: 22771AA090 (Without printer)

2. GENERAL TOOLS S003001A1702

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

C: INSPECTION S003001A10

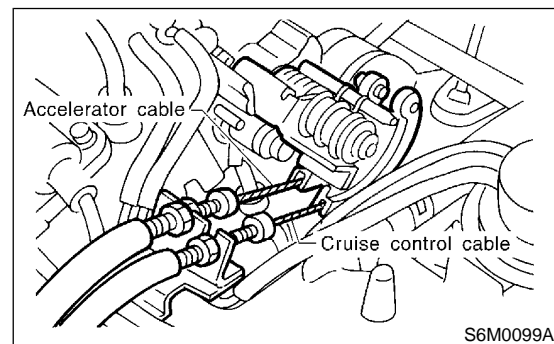
1. BATTERY S003001A1002

Measure battery voltage and specific gravity of electrolyte.

Standard voltage:
12 V, or more

Specific gravity:
Above 1.260

2. CRUISE CONTROL CABLE S003001A1003

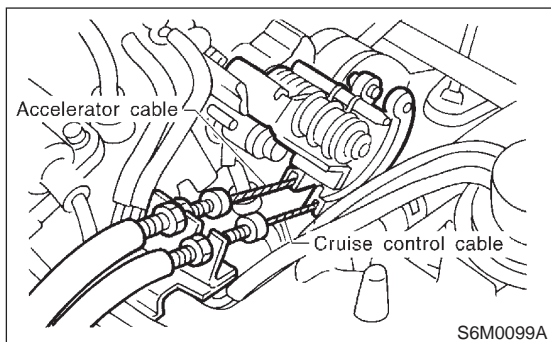


Check the cruise control cable installation.
If NG, install the cable securely.

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3. ACCELERATOR CABLE S003001A1004

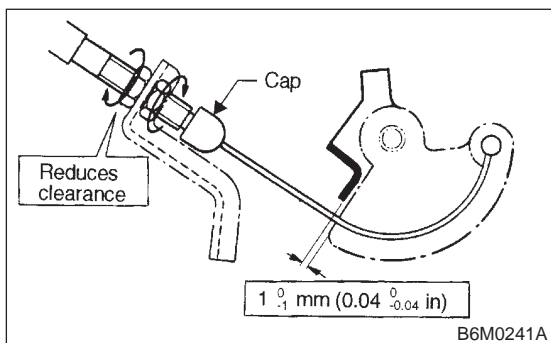


Check movement of the accelerator cable when the cruise control throttle is moved by hand. If NG, check throttle cam.

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 adjust nut.

NOTE:

Check that the cap is positioned in the groove.