

## 1. Precaution

### A: 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.

## 2. Pre-inspection

### A: FUNCTION TESTS

Conduct road tests by selecting a smooth, flat road or use free rollers for road test simulation.

#### 1. CRUISE CONTROL MAIN SWITCH

- 1) Turn ignition switch to ON.
- 2) Check that cruise control main switch indicator light comes on when main switch is pressed (ON).
- 3) Check that main switch indicator light goes out when main switch is pressed again (OFF).
- 4) Turn ignition switch to OFF with main switch ON (indicated by illumination). Turn ignition switch ON again to ensure that main switch indicator light remains OFF.

#### 2. CRUISE CONTROL COMMAND SWITCH

- 1) Check that cruise control command switch is properly set in “SET/COAST”, “RESUME/ACCEL”, or “CANCEL” mode.
- 2) Also check that command switch returns to the original position when released.

#### 3. CONSTANT SPEED TEST

- 1) Turn cruise control main switch to ON.
- 2) Drive the vehicle at a speed greater than 40 km/h (25 MPH).
- 3) Press command switch to set in “SET/COAST” mode.
- 4) Ensure that vehicle is maintained at the speed set when command switch was pressed.

#### 4. ACCELERATION TEST

- 1) Set vehicle speed at a speed greater than 40 km/h (25 MPH).
- 2) Ensure that vehicle continues to accelerate while holding command switch in “RESUME/ACCEL” mode, and that vehicle maintains that optional speed when command switch is released.

#### 5. DECELERATION TEST

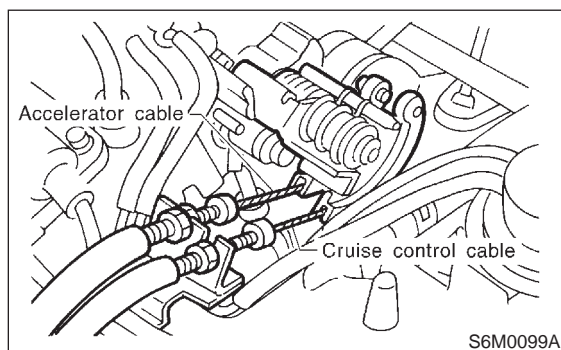
- 1) Set vehicle speed at an optional speed greater than 40 km/h (25 MPH).
- 2) Ensure that vehicle continues to decelerate while holding command switch in “SET/COAST” mode, and that it maintains that optional speed when command switch is released.

#### NOTE:

When vehicle speed reaches the lower speed limit of 30 km/h (19 MPH) during deceleration, cruise control will be released.

**B: CRUISE CONTROL CABLE****2B1 : CHECK CRUISE CONTROL CABLE.**

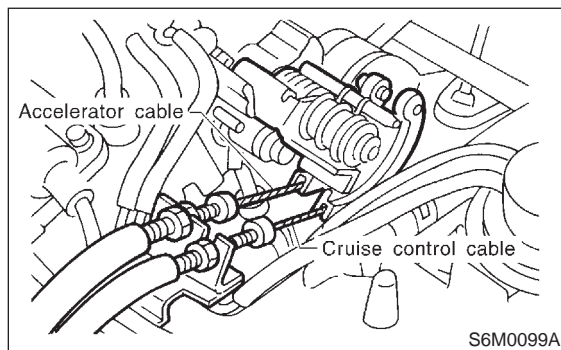
Check cruise control cable installation.



- CHECK** : *Is the cruise control cable securely installed to the left of the accelerator cable?*
- YES** : Go to step **2B2**.
- NO** : Install cruise control cable securely. Go to step **2B2**.

**2B2 : CHECK ACCELERATOR CABLE.**

Check function of accelerator cable.



- CHECK** : *Does the accelerator cable throttle cam move when the cruise control throttle is moved by hand?*
- YES** : Repair accelerator cable throttle cam. Go to step **2B3**.
- NO** : Go to step **2B3**.

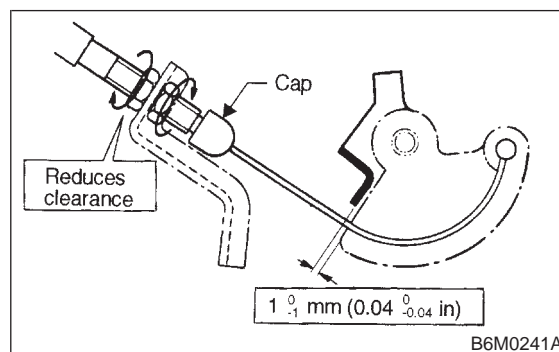
**2B3 : CHECK THROTTLE CAM.**

Check function of throttle cam.

- CHECK** : *Does the throttle cam move smoothly?*
- YES** : Go to step **2B4**.
- NO** : Repair throttle cam. Go to step **2B4**.

**2B4 : CHECK CABLE FREE PLAY.**

Ensure that throttle cam-to-lever clearance is within specifications.



- CHECK** : *Is throttle cam-to-lever clearance between 0 and 1 mm (0 and 0.04 in)?*
- YES** : Go to step **2C1**.
- NO** : Adjust cable end by adjusting nuts. Go to step **2C1**.

**NOTE:**

Ensure that cap is positioned in groove.

**C: POWER SUPPLY****2C1 : CHECK BATTERY.**

Measure battery specific gravity of electrolyte.

- CHECK** : *Is battery specific gravity more than 1.250?*
- YES** : Go to step **2C2**.
- NO** : Charge or replace battery. <Ref. to 6-2 [W200].> Go to step **2C2**.

**2C2 : CHECK FUSES, CONNECTORS AND HARNESSSES.**

Check the condition of the main and other fuses, and harnesses and connectors. Also check for proper grounding.

- CHECK** : *Is there anything unusual about the appearance of main fuse, fuse, harness, connector and grounding?*
- YES** : Repair or replace faulty parts. End of pre-inspection.
- NO** : End of pre-inspection.