

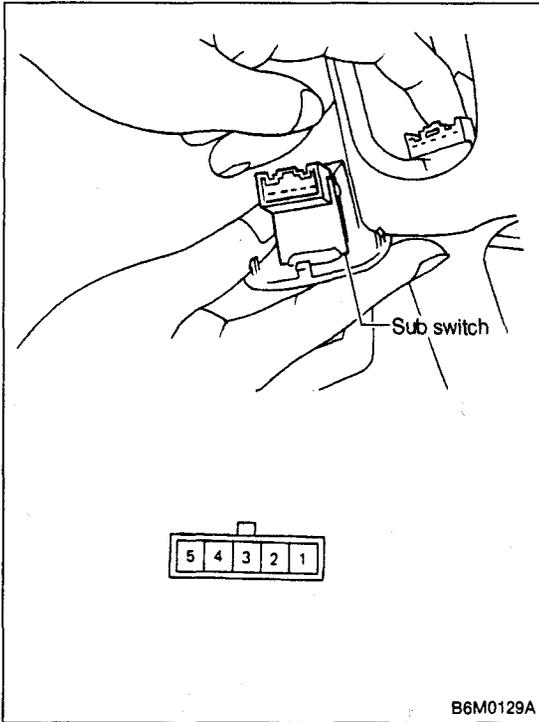
SERVICE BULLETIN**APPLICABILITY 1996 LEGACY****DATE 2/21/96****SUBJECT Service Manual Correction Pages**

Please replace the affected 1996 Legacy Service Manual pages of Section 6-2 with the included revisions. These pages are indicated by a revision date of 2/21/96 at the bottom.

Maintaining the Service Manual insures that the most current information is conveyed to the technicians.

CAUTION**VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.**

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.



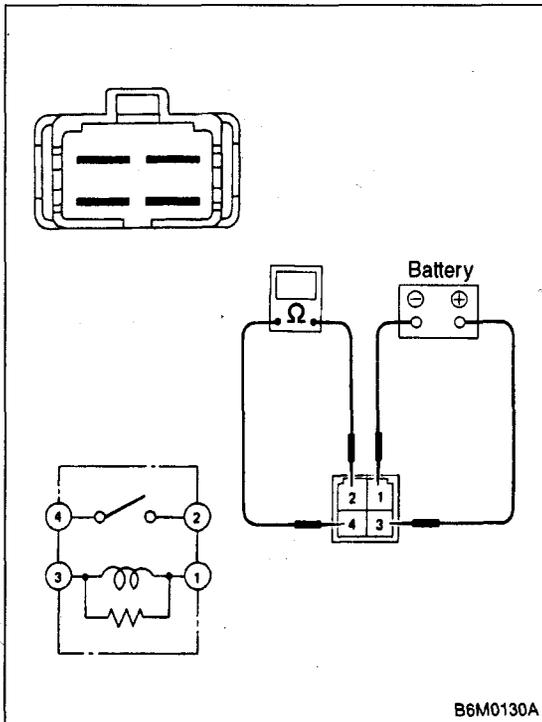
2. SUB SWITCH

Set power window sub switch to each position and check continuity between terminals as indicated in table below:

Terminal Switch position	5	1	3	4	2
UP	○		○	○	○
↑					
OFF		○	○	○	○
↓					
DOWN	○	○		○	○

3. POWER WINDOW MOTOR

- 1) Make sure that power window motor rotates properly when battery voltage is applied to terminals of motor connector.
- 2) Change polarity of battery connections to terminals to ensure that motor rotates in reverse direction.



4. POWER WINDOW RELAY

Check continuity between terminals as indicated in table below, when connecting the battery to terminal No. 1 and No. 3.

When current flows.	Between terminals No. 2 and No. 4	Continuity exists.
When current does not flow.	Between terminals No. 2 and No. 4	Continuity does not exist.
	Between terminals No. 1 and No. 3	Continuity exists.

17. Power Door Lock

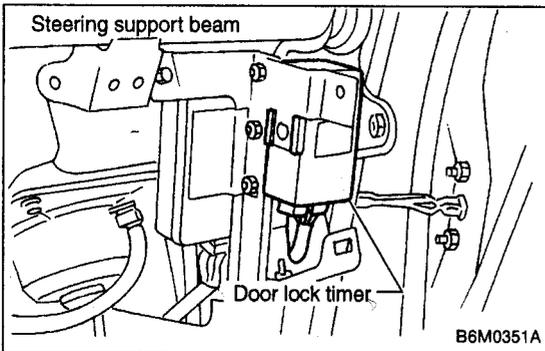
A: REMOVAL AND INSTALLATION

1. FRONT AND REAR DOOR, AND REAR GATE LOCK ACTUATOR

Refer to 5-2 [W2A7] as for removal and installation of front door lock actuator, rear door lock actuators, and rear gate lock actuator.

NOTE:

To remove and install the actuators, it is necessary to disassemble the door component parts.



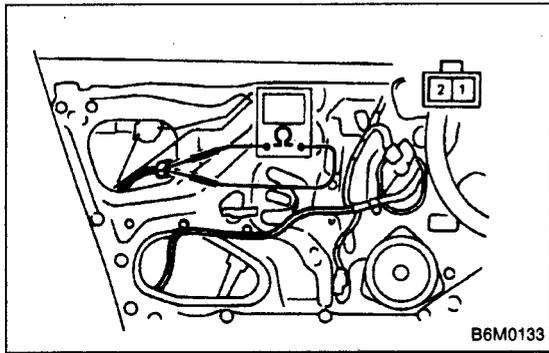
2. DOOR LOCK TIMER

- 1) Remove glove box.
- 2) Remove back pocket cover.
- 3) Remove two bolts located at the rear of back pocket cover.
- 4) Remove instrument panel side right cover and bolt.
- 5) Remove clip located at the inside end of instrument panel.
- 6) Remove nut which secures door lock timer, and remove door lock timer from bracket while pulling right side lower end of instrument panel.

CAUTION:

Be careful not to damage instrument panel while pulling its right side lower end.

- 7) Disconnect connector from door lock timer.
- 8) Installation is in the reverse order of removal.

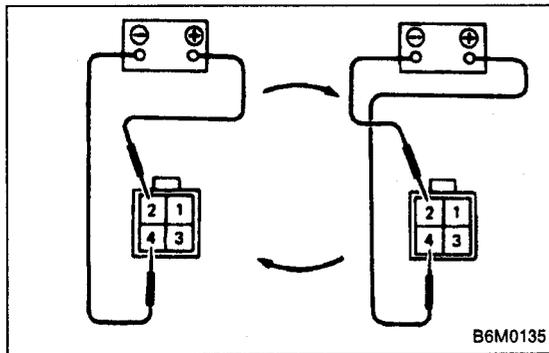


B: INSPECTION

1. DOOR LOCK SWITCH (DRIVER'S DOOR)

- 1) Remove door trim panel. <Ref. to 5-2 [W2A2].>
- 2) Disconnect connector of door switch.
- 3) Set switch to each position and check continuity between terminals as indicated in table below:

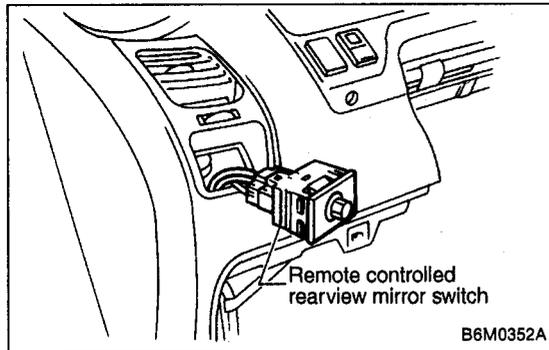
Terminal Switch position	1	2
UNLOCK	○ ——— ○	○ ——— ○
LOCK		



2. ACTUATOR

- 1) Remove door trim panel. <Ref. to 5-2 [W2A2].>
- 2) Disconnect connector of actuator.
- 3) Make sure that door link moves to LOCK or UNLOCK position when battery voltage is applied between terminals as described below:

- Connect battery positive (+) terminal to terminal No. 2, and negative (-) terminal to terminal No. 4 at a moment.
- Connect battery positive (+) terminal to terminal No. 4, and negative terminal (-) to terminal No. 2 at a moment.



18. Remote Controlled Rearview Mirror

A: REMOVAL AND INSTALLATION

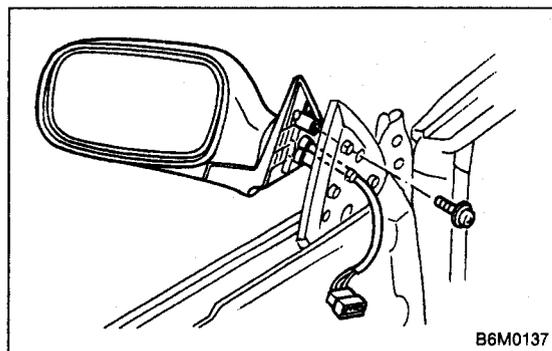
1. REMOTE CONTROLLED REARVIEW MIRROR SWITCH

- 1) Remove rearview mirror switch from instrument panel by using a small standard screwdriver.

CAUTION:

Do not pry rearview mirror switch forcefully as this may scratch instrument panel.

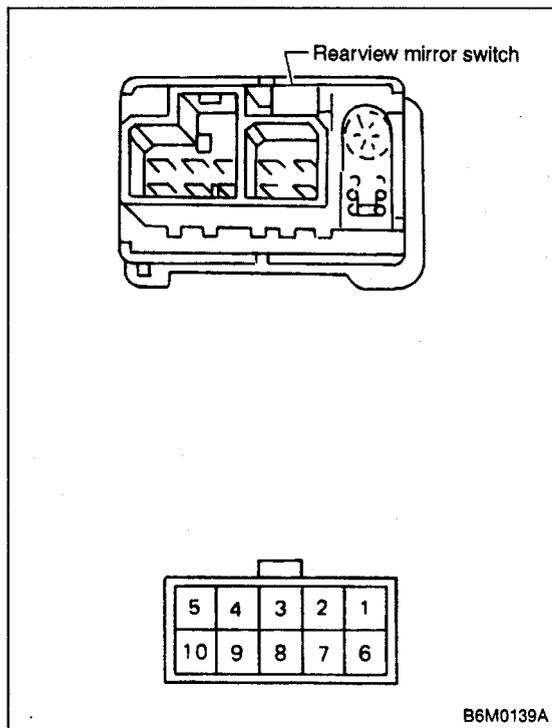
- 2) Remove rearview mirror switch while disconnecting connector.



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2. REARVIEW MIRROR

- 1) Remove door trim panel. <Ref. to 5-2 [W2A2].>
- 2) Disconnect connector of rearview mirror.
- 3) Remove screws which secure rearview mirror, and then remove rearview mirror.



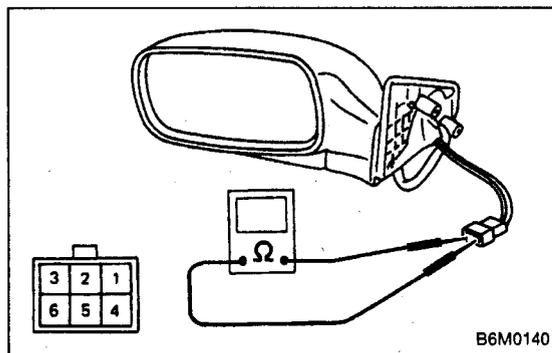
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B: INSPECTION

1. REARVIEW MIRROR SWITCH

Move rearview mirror switch to each position and check continuity between terminals as indicated in table below:

Switch position	Mirror switch					Left/Right changing switch			
	Terminal	OFF	Right	Left	Up	Down	Left	N	Right
7							○		
9							○		
6									○
8									○
2		○	○		○	○			○
1		○	○	○	○	○			○
4		○	○	○	○	○			○
3									



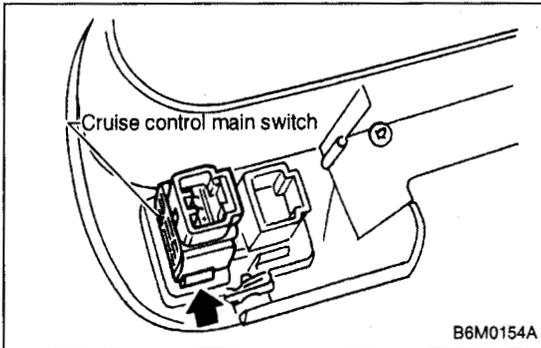
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2. REARVIEW MIRROR

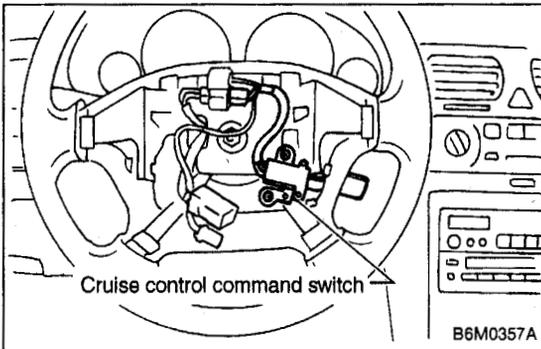
Check to ensure that rearview mirror moves properly when battery voltage is applied to terminals as indicated in table below:

Operation	Terminal connection	
	(+)	(-)
UP	3	1
DOWN	1	3
RIGHT	1	2
LEFT	2	1

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**B: REMOVAL AND INSTALLATION****1. CRUISE CONTROL MAIN SWITCH**

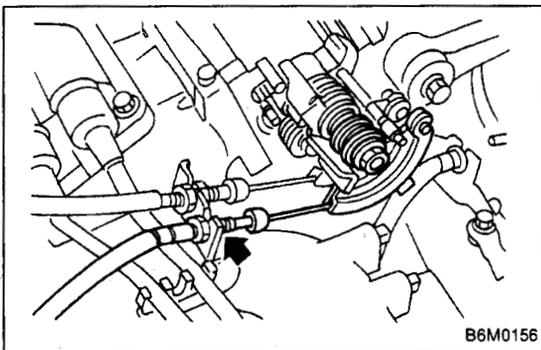
- 1) Remove screws which secure meter visor.
- 2) Remove meter visor from instrument panel while disconnecting connectors.
- 3) Remove cruise control main switch from meter visor.

**2. CRUISE CONTROL COMMAND SWITCH**

- 1) Remove screw which secures horn pad to the base of steering wheel.
- 2) Remove horn pad from steering wheel while disconnecting connector.
- 3) Disconnect connector of cruise control command switch.
- 4) Remove screws which secure cruise control command switch to steering wheel, and then remove command switch.

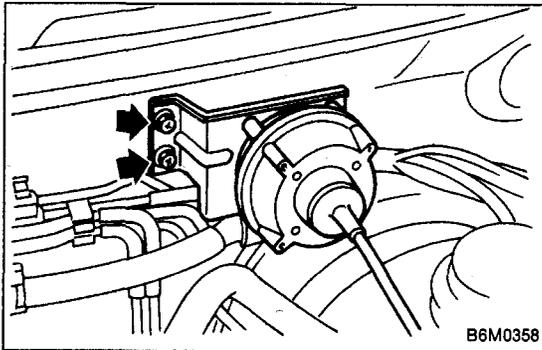
WARNING:

Refer to 5-5 when removing or installing the module from the airbag equipped model.

**3. ACTUATOR****CAUTION:**

- Be careful not to apply excessive load to the wire cable when adjusting and/or installing; otherwise, the actuator may be deformed or damaged.
- Do not bend cable sharply with a radius less than 100 mm (3.94 in); otherwise, cable may bend permanently, resulting in poor performance.
- When installing cable, be careful not to sharply bend or pinch the inner cable; otherwise, the cable may break.

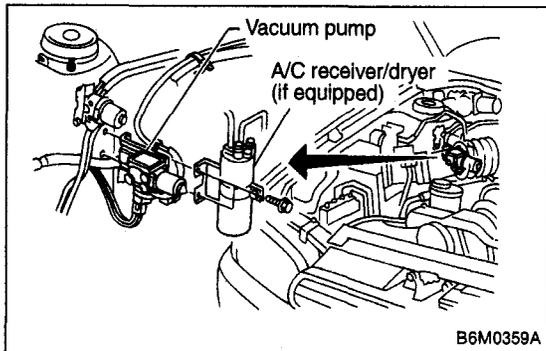
- 1) Loosen nut which secures cruise control cable end to throttle cam, and then remove cable from engine throttle cam.
- 2) Remove clip bands from cruise control cable.



- 3) Remove nuts which secure actuator.
- 4) Remove actuator while disconnecting vacuum hose.

Tightening torque:

$7.4 \pm 1.5 \text{ N}\cdot\text{m}$ ($0.75 \pm 0.15 \text{ kg}\cdot\text{m}$, $5.4 \pm 1.1 \text{ ft}\cdot\text{lb}$)

**4. VACUUM PUMP AND VALVES**

- 1) Disconnect connector from vacuum pump.
- 2) Remove bolts which secure vacuum pump.
- 3) Remove A/C receiver/drier bracket.
- 4) Remove vacuum pump while disconnecting vacuum hose.

Tightening torque:

$7.4 \pm 1.5 \text{ N}\cdot\text{m}$ ($0.75 \pm 0.15 \text{ kg}\cdot\text{m}$, $5.4 \pm 1.1 \text{ ft}\cdot\text{lb}$)

5. STOP AND BRAKE SWITCH

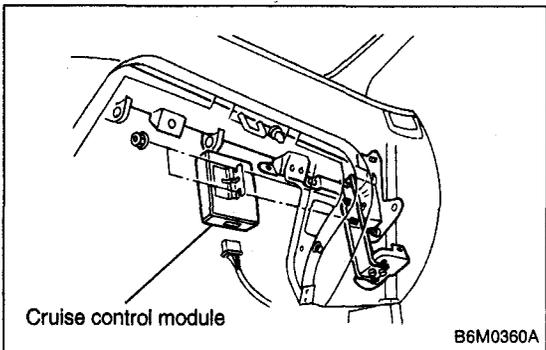
Refer to 4-5 [C101 (MT) or C201 (AT)] as for removal and installation of stop and brake switch.

6. CLUTCH SWITCH (MT)

Refer to 4-5 [C101] as for removal and installation of clutch switch.

7. INHIBITOR SWITCH (AT)

Refer to 3-2 [W4A4] as for removal and installation of inhibitor switch.

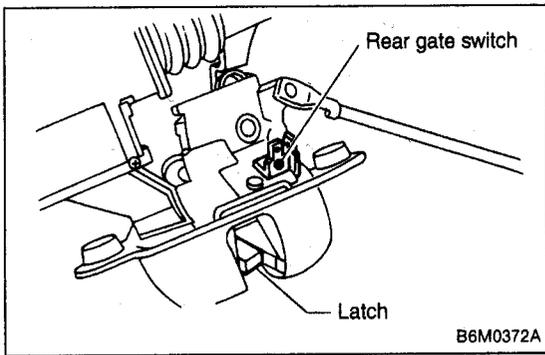
**8. CRUISE CONTROL MODULE**

- 1) Follow the same preparatory procedures when removing door lock timer. <Ref. to 6-2 [W17A2].☆1 >
- 2) Remove nuts which secure cruise control module, and remove cruise control module from bracket while pulling right side lower end of instrument panel.

CAUTION:

Be careful not to damage instrument panel while pulling its right side lower end.

- 3) Disconnect connector from cruise control module.
- 4) Installation is the reverse order of removal.

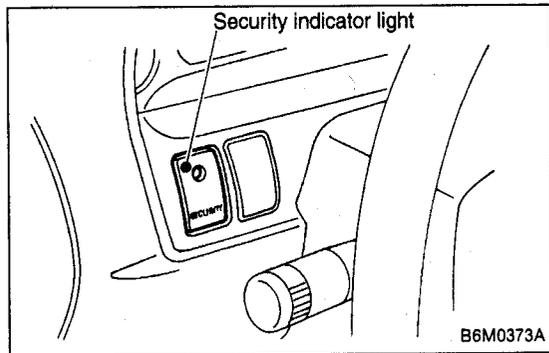


8. REAR GATE SWITCH (WAGON)

NOTE:

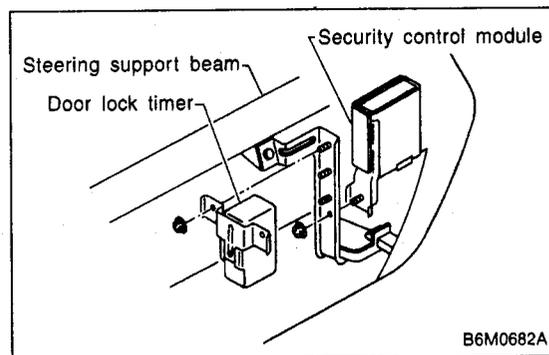
The rear gate switch is united with the rear gate latch assembly.

- 1) Remove rear gate trim panel.
- 2) Disconnect rod from rear gate latch assembly.
- 3) Disconnect rear gate switch (combined with luggage room light switch) connector and power door lock actuator connector.
- 4) Remove bolts which secure power door lock actuator.
- 5) Remove bolts which secure latch.
- 6) Remove latch and actuator assembly.
- 7) Installation is in the reverse order of removal.



9. SECURITY INDICATOR LIGHT

- 1) Remove screws which secure meter visor.
- 2) Remove meter visor from instrument panel while disconnecting connectors.
- 3) Remove security indicator light from meter visor.
- 4) Installation is in the reverse order of removal.



10. SECURITY CONTROL MODULE

- 1) Follow the same preparatory procedures when removing door lock timer. <Ref. to 6-2 [W17A2].☆1 >
- 2) Remove nut which secures security control module, and remove security control module from bracket while pulling right side lower end of instrument panel.

CAUTION:

Be careful not to damage instrument panel while pulling its right side lower end.

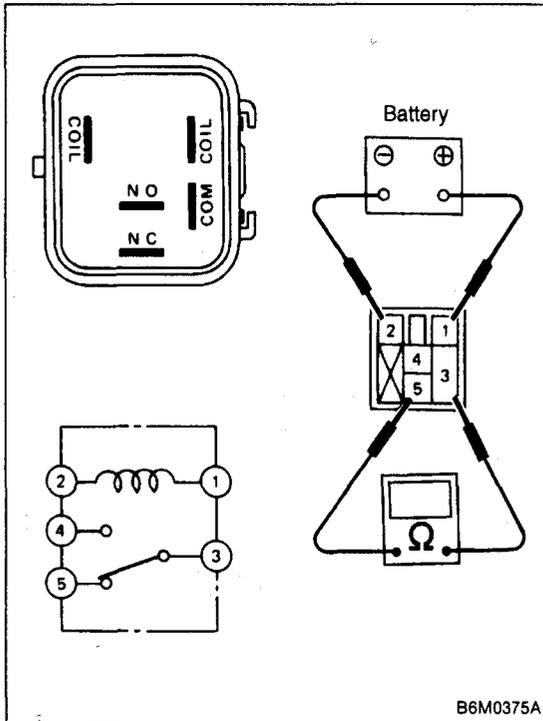
- 3) Disconnect connector from security control module.
- 4) Installation is in the reverse order of removal.

B: INSPECTION

1. STARTER INTERRUPT RELAY

- 1) Disconnect connector of starter interrupt relay.
- 2) Connect battery to terminal No.1 and ground terminal No. 2.
- 3) Check continuity between terminals as indicated in table below:

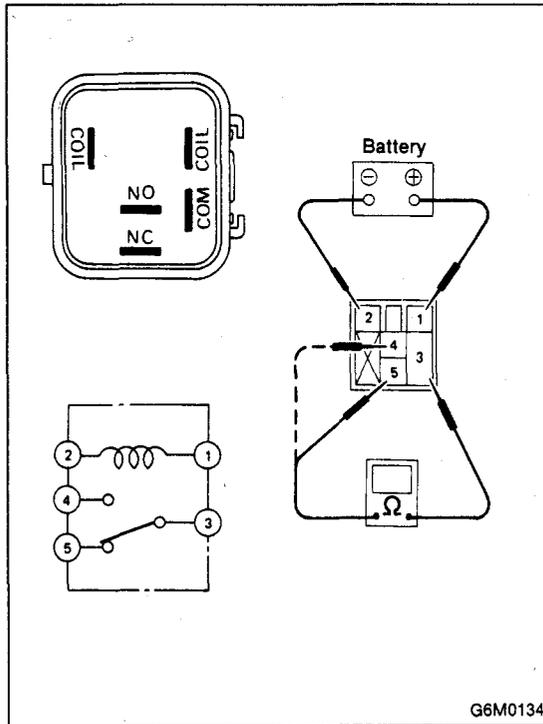
When current flows.	Between terminals No. 3 and No. 5	Continuity does not exist.
When current does not flow.	Between terminals No. 3 and No. 5	Continuity exists.
	Between terminals No. 1 and No. 2	Continuity exists.



2. HEADLIGHT ALARM RELAY

- 1) Disconnect connector of headlight alarm relay.
- 2) Connect battery to terminal No. 1 and ground terminal No. 2.
- 3) Check continuity between terminals as indicated in table below:

When current flows.	Between terminals No. 3 and No. 5	Continuity does not exist.
	Between terminals No. 3 and No. 4	Continuity exists.
When current does not flow.	Between terminals No. 3 and No. 5	Continuity exists.
	Between terminals No. 3 and No. 4	Continuity does not exist.
	Between terminals No. 1 and No. 2	Continuity exists.



3. ENGINE HOOD SWITCH

- 1) Disconnect connector of engine hood switch.
- 2) Check continuity between terminals when push rod is pushed in 1.5 mm (0.059 in) of its stroke.

Terminal	1	2
Switch position		
When push rod is pushed in.		
When push rod is released.	○	○

