

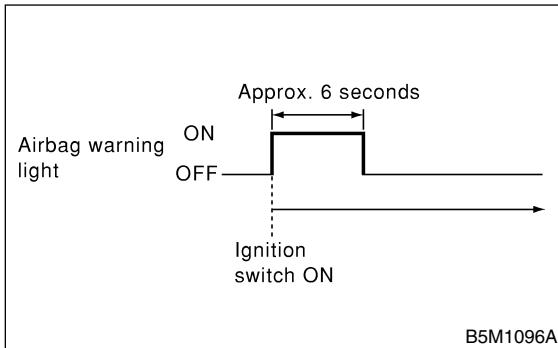
10. Airbag Warning Light Illumination Pattern

S002629

A: INSPECTION

S002629A10

- 1) Keep the ignition switch ON, and confirm that the airbag warning light remains off approximately 6 seconds after being turned on.



- 2) In case the airbag warning light remains on <Ref. to AB-24 AIRBAG WARNING LIGHT REMAINS ON, Airbag Warning Light Illumination Pattern.>
- 3) In case the airbag warning light does not turn on <Ref. to AB-26 AIRBAG WARNING LIGHT REMAINS OFF, Airbag Warning Light Illumination Pattern.>

AIRBAG WARNING LIGHT ILLUMINATION PATTERN

Airbag System

B: AIRBAG WARNING LIGHT REMAINS ON.

S002629E28

DIAGNOSIS:

- Airbag warning light is faulty.
- Airbag control module to airbag warning light circuit is shorted or open.
- Grounding circuit is faulty.
- Airbag control module is faulty.
- (AB1) and (B31) are not connected properly.
- (AB6) is not connected properly to airbag control module.

CAUTION:

- Before diagnosing the airbag system, be sure to turn the ignition switch OFF, disconnect the ground cable from the battery, and wait more than 20 seconds before starting to work.
- Before replacing the airbag module, roll connector, control module, and sensor, reconnect each part and confirm that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connector of the driver and passenger seats for safety reasons.

No.	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS (AB1) AND (B31). 1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Remove the instrument panel lower cover. 3) Confirm that firm contact is secured between connectors (AB1) and (B31).	Is the poor contact in double lock of connectors (AB1) and (B31)?	Repair the body harness or replace airbag main harness. <Ref. to AB-12 REMOVAL, Main Harness. >	Go to step 2.
2	CHECK AIRBAG WARNING LIGHT. 1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Connect the connector (1A) in test harness A to the body harness connector (B31). 3) Connect the battery ground cable and turn the ignition switch ON. 4) Connect two connectors, (3A) and (4A) in test harness A.	Is the airbag warning light turned off?	Go to step 4.	Go to step 3.
3	CHECK BODY HARNESS. Check the body harness. NOTE: After problem has been eliminated, disconnect connectors (3A) and (4A).	Is the anything unusual to body harness?	Repair the body harness.	Replace combination meter printed circuit. <Ref. to IDI-3 REMOVAL, Combination Meter Assembly. >
4	CHECK POOR CONTACT. Confirm that firm contact is secured between the air bag control module and the connector (AB6). <Ref. to AB-13 REMOVAL, Airbag Control Module. >	Is the poor contact in connector (AB6)?	Replace airbag main harness. <Ref. to AB-12 REMOVAL, Main Harness. > or Replace the airbag control module. <Ref. to AB-13 REMOVAL, Airbag Control Module. >	Go to step 5.

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No.	Step	Check	Yes	No
5	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>1) Turn the ignition switch ON, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Connect the connector (AB1) to (B31).</p> <p>3) Disconnect connector (AB3) from (AB8).</p> <p>4) Remove the glove box and disconnect connector (AB9) and (AB10). <Ref. to EI-23 REMOVAL, Glove Box.></p> <p>5) Disconnect the connector (AB6) from the airbag control module, and connect the connector (1I) in test harness I or I2. <Ref. to AB-13 REMOVAL, Airbag Control Module.></p> <p>6) Connect the battery ground cable and turn the ignition switch ON.</p> <p>7) Connect connectors (4I) and (5I) in test harness I or I2.</p> <p>NOTE: After problem has been eliminated, disconnect connectors (4I) and (5I).</p>	Is the airbag warning light turned off?	Go to step 6.	Replace airbag main harness. <Ref. to AB-12 REMOVAL, Main Harness.>
6	<p>CHECK GROUDING CIRCUIT.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect the connector (AB1) from the body harness connector (B31).</p> <p>3) Connect the connector (1A) in test harness A to body harness connector (B31).</p> <p>4) Measure the resistance between connector (5A) in test harness A and the chassis ground.</p> <p>Connector & terminal (5A) No. 17 (+) — Chassis ground (-): (5A) No. 18 (+) — Chassis ground (-):</p>	Is the resistance less than 10Ω ?	Go to step 7.	Repair body-grounding circuit.
7	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>1) Connect the connector (AB1) to (B31).</p> <p>2) Disconnect the connector (AB6) from the airbag control module, and connect the connector (1I) in test harness I or I2. <Ref. to AB-13 REMOVAL, Airbag Control Module.></p> <p>3) Measure the resistance between connector (2I) in test harness I or I2 and the chassis ground.</p> <p>Connector & terminal (2I) No. 9 (+) — Chassis ground (-): (2I) No. 10 (+) — Chassis ground (-):</p>	Is the resistance less than 10Ω ?	Replace the airbag control module. <Ref. to AB-13 REMOVAL, Airbag Control Module.>	Replace airbag main harness. <Ref. to AB-12 REMOVAL, Main Harness.>

AIRBAG WARNING LIGHT ILLUMINATION PATTERN

Airbag System

C: AIRBAG WARNING LIGHT REMAINS OFF. S002629E27

DIAGNOSIS:

- Fuse No. 18 (in fuse box) is blown.
- Body harness circuit is open.
- Airbag warning light is faulty.
- Airbag main harness is faulty.
- Airbag control module is faulty.

CAUTION:

- Before diagnosing the airbag system, be sure to turn the ignition switch OFF, disconnect the ground cable from the battery, and wait more than 20 seconds before starting to work.
- Before replacing the airbag module, roll connector, control module, and sensor, reconnect each part and confirm that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connector of the driver and passenger seats for safety reasons.

No.	Step	Check	Yes	No
1	CHECK COMBINATION METER. Turn the ignition switch ON, and confirm that the warning lights equipped in the combination meter are turned on.	Do warning lights not for the airbag turn on?	Go to step 2.	Repair combination meter power supply.
2	CHECK FUSE NO. 18 (IN FUSE BOX). Remove fuse No. 18 and perform visual inspection.	Is fuse No. 18 (in fuse box) blown?	Replace fuse No. 18. If fuse No. 18 blows again, go to step 3.	Go to step 3.
3	CHECK AIRBAG WARNING LIGHT CIRCUIT (IN COMBINATION METER). 1) Turn the ignition switch OFF, remove the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB1) from (B31). 3) Connect the battery ground cable and turn the ignition switch ON.	Is the airbag warning light turned on?	Go to step 4.	Replace airbag warning light bulb or combination meter printed circuit. <Ref. to IDI-3 REMOVAL, Combination Mater Assembly.>
4	CHECK AIRBAG MAIN HARNESS. 1) Turn the ignition switch OFF, disconnect the battery ground cable, and then wait more than 20 seconds. 2) Connect the connector (AB1) to (B31). 3) Disconnect the connector (AB6) from the airbag control module. <Ref. to AB-13 REMOVAL, Airbag Control Module.> 4) Connect the battery ground cable and turn the ignition switch ON.	Is the airbag warning light turned on?	Replace the airbag control module. <Ref. to AB-13 REMOVAL, Airbag Control Module.>	Replace airbag main harness. <Ref. to AB-12 REMOVAL, Main Harness.>