

AIRBAG WARNING LIGHT FAILURE

AIRBAG SYSTEM (DIAGNOSTICS)

10. Airbag Warning Light Failure

A: AIRBAG WARNING LIGHT REMAINS ON.

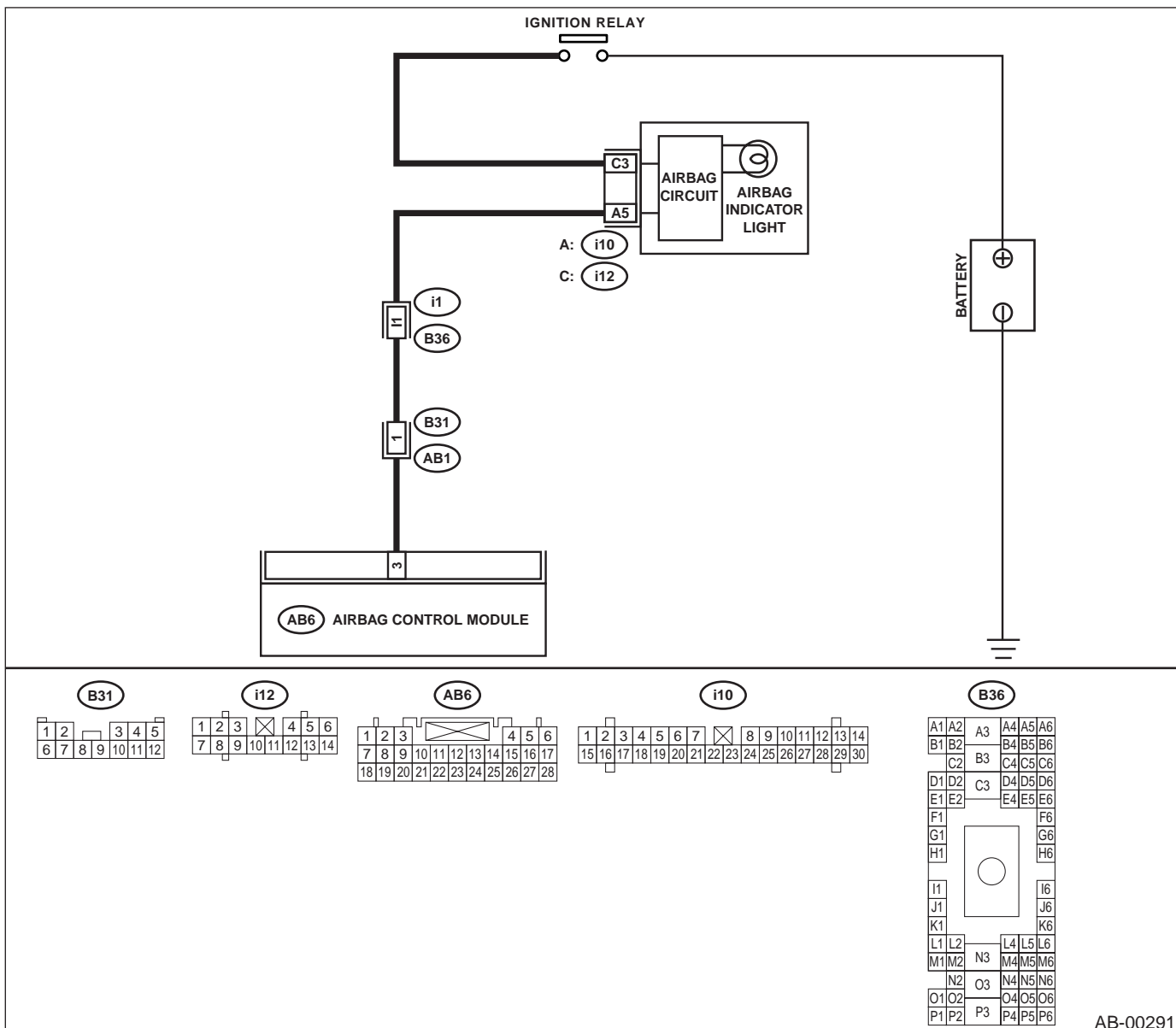
DIAGNOSIS:

- 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.

WIRING DIAGRAM:



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Step	Value	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 side sill cover. (Driver's side) 3) Confirm that firm contact is secured between connectors (AB1) and (B31). Is the poor contact in connectors (AB1) and (B31)?	There is no poor contact.	Go to step 2.	Repair the body harness or replace airbag main harness. <Ref. to AB-16, Main Harness.>
2 CHECK POOR CONTACT. Confirm that firm contact is secured between the air bag control module and the connector (AB6). <Ref. to AB-18, Airbag Control Module.> Is the poor contact in connector (AB6)?	There is no poor contact.	Go to step 3.	Replace airbag main harness. <Ref. to AB-16, Main Harness.> Or replace the airbag control module. <Ref. to AB-18, Airbag Control Module.>
3 CHECK AIRBAG MAIN HARNESS. 1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Connect the connector (AB1) to (B31). 3) Disconnect connectors (AB3) and (AB8). 4) Pull out the two stopper pins and lower the glove box and disconnect connectors (AB10) and (AB9). 5) Disconnect the connector (AB6) from the airbag control module, and connect the connector (1I) in test harness I2. <Ref. to AB-18, Airbag Control Module.> 6) Connect the battery ground cable and turn the ignition switch ON. 7) Connect connectors (4I) and (5I) in test harness I2. NOTE: After problem has been eliminated, disconnect connectors (4I) and (5I). Is the airbag warning light turned off?	Airbag warning light turns OFF.	Go to step 4.	Replace airbag main harness. <Ref. to AB-16, Main Harness.> Or replace combination meter printed circuit. <Ref. to IDI-12, Combination Meter Assembly.> Or repair the body harness.
4 CHECK AIRBAG MAIN HARNESS. 1) Connect the connector (AB1) to (B31). 2) Disconnect the connector (AB6) from the airbag control module, and connect the connector (1I) in test harness I2. <Ref. to AB-18, Airbag Control Module.> 3) Measure the resistance between connector (2I) in test harness I2 and the chassis ground. Connector & terminal (2I) No. 9 — Chassis ground: (2I) No. 10 — Chassis ground: Is the measured value less than the specified value?	10 Ω	Replace the airbag control module. <Ref. to AB-18, Airbag Control Module.>	Replace airbag main harness. <Ref. to AB-16, Main Harness.> Or repair the body harness.

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B: AIRBAG WARNING LIGHT REMAINS OFF.

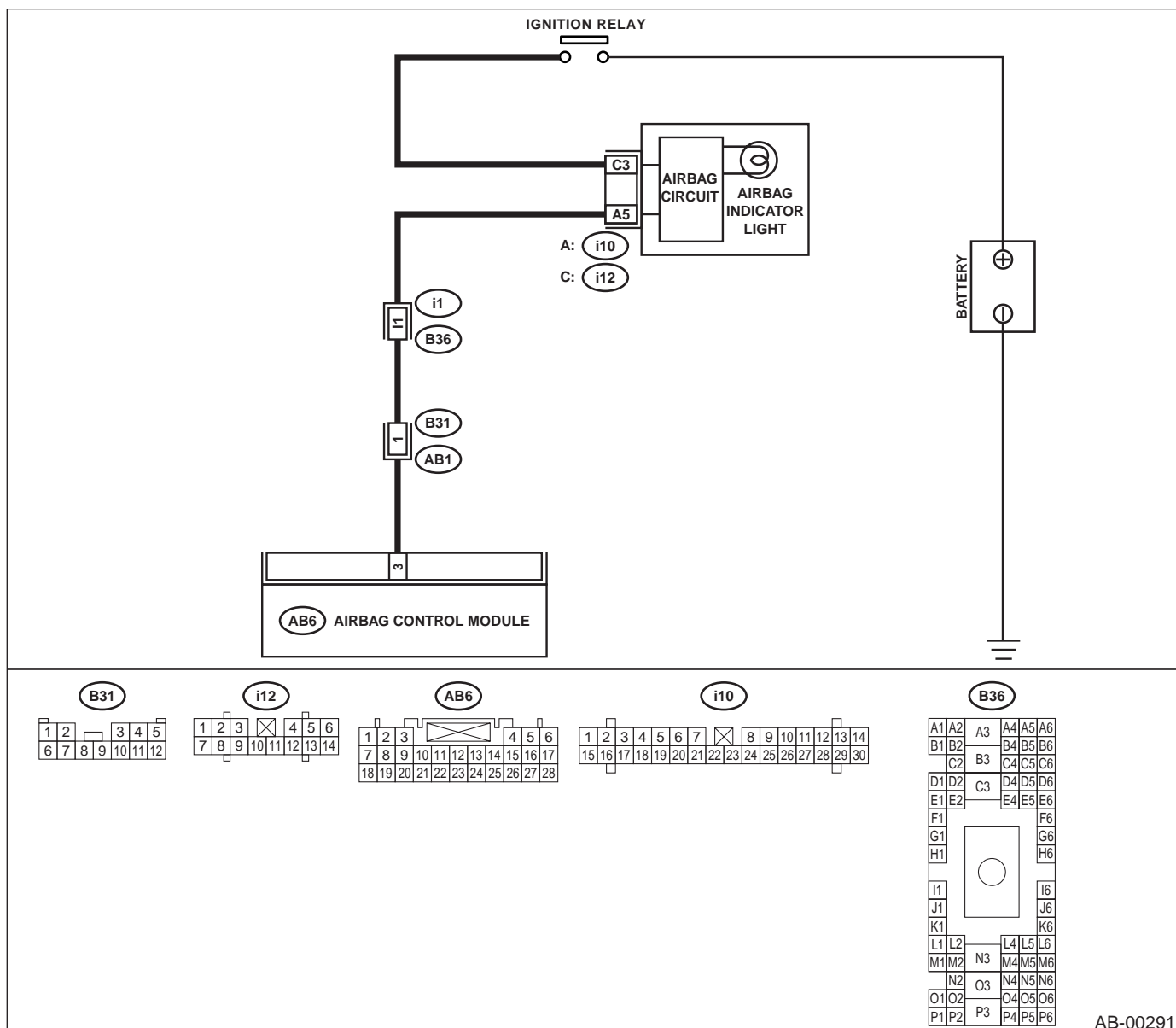
DIAGNOSIS:

- Fuse No. 5 (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.

WIRING DIAGRAM:



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Step	Value	Yes	No
1 CHECK COMBINATION METER. Turn the ignition switch ON, and confirm that warning lights equipped in the combination meter are turned on. Do warning lights not for the airbag turn on?	Warning lights not for the airbag turn ON.	Go to step 2.	Repair combination meter power supply. <Ref. to IDI-4, Combination Meter System.>
2 CHECK FUSE NO. 5 (IN MAIN FUSE BOX). Remove fuse No. 5 and perform visual inspection. Is fuse No. 5 (in main fuse box) blown?	Fuse No. 5 is not blown.	Go to step 3.	Replace fuse No. 5. If fuse No. 5 blows again, go to step 3.
3 CHECK AIRBAG WARNING LIGHT CIRCUIT (IN COMBINATION METER). 1) Turn the ignition switch OFF, disconnect 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?	Airbag warning light turns ON.	Go to step 4.	Replace airbag warning light bulb or combination meter printed circuit. <Ref. to IDI-12, Combination Meter Assembly.> Or repair the body harness.
4 CHECK AIRBAG MAIN HARNESS. 1) Turn the ignition switch OFF, disconnect the battery ground cable, and 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-18, Airbag Control Module.> 4) Connect the battery ground cable and turn the ignition switch ON. Is the airbag warning light turned on?	Airbag warning light turns ON.	Replace the airbag control module. <Ref. to AB-18, Airbag Control Module.>	Replace airbag main harness. <Ref. to AB-18, Airbag Control Module.>