

12. Diagnostic Chart with Trouble Code S002630

A: TROUBLE CODE 11 S002630C38

DIAGNOSIS:

- Airbag main harness circuit is open, shorted or shorted to ground.
- Airbag module harness (Driver) circuit is open, shorted or shorted to ground.
- Roll connector circuit is open, shorted or shorted to ground.
- Driver's airbag module is faulty.
- Airbag control module is faulty.

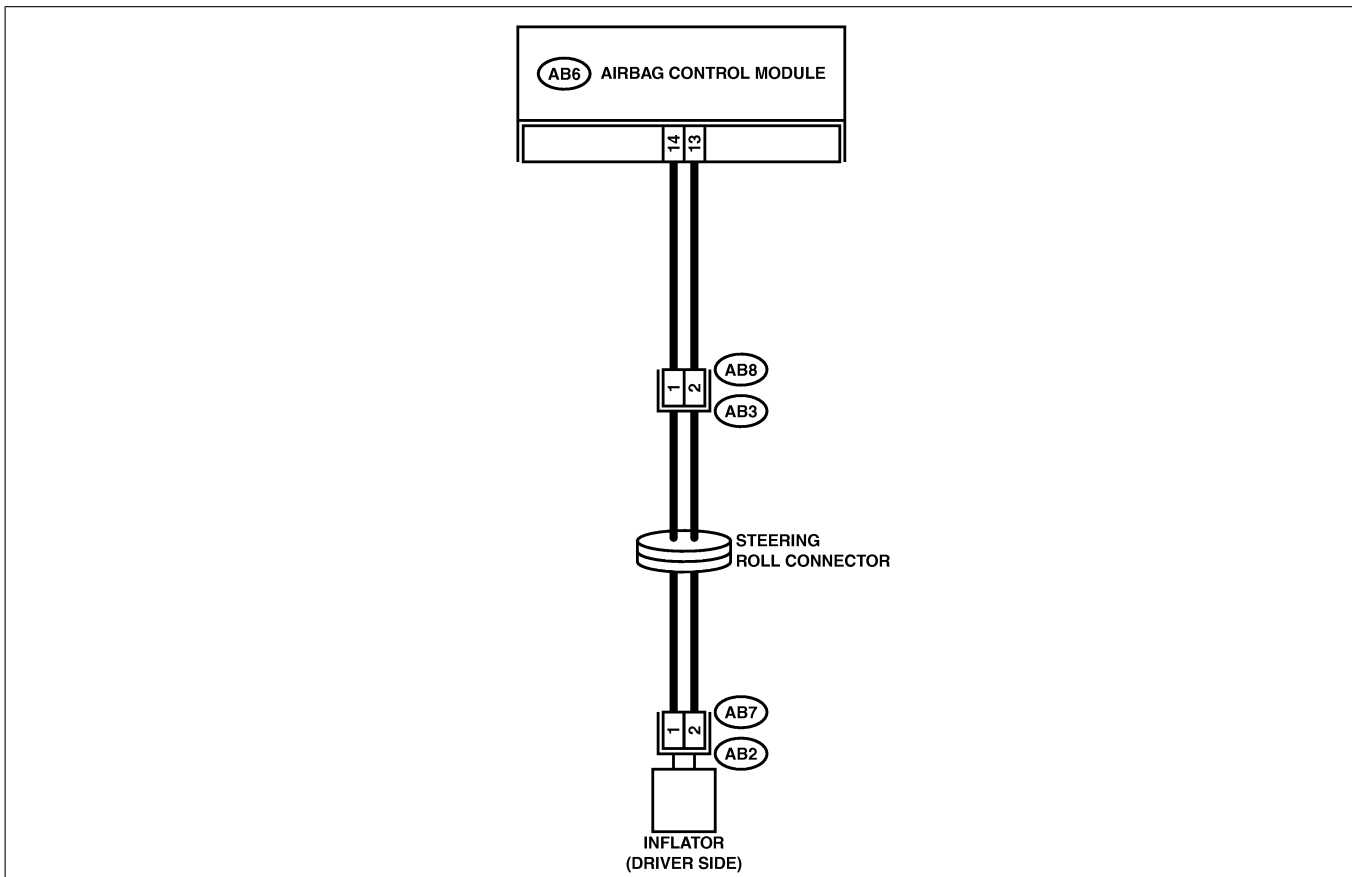
CAUTION:

- 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 controller, control module, and sensor, reconnect each part and confirm that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the driver's airbag module and passenger's airbag module connectors for safety reasons.

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

WIRING DIAGRAM:



AB7 (YELLOW)

AB8 (YELLOW)

1 2

AB6 (YELLOW)



B5M1098

No.	Step	Check	Yes	No
1	CHECK DRIVER'S AIRBAG MODULE. 1) Turn the ignition switch OFF, disconnect battery ground cable, and wait more than 20 seconds. 2) Remove the driver's airbag module. <Ref. to AB-12 Driver's Airbag Module.> 3) Connect the connector (1F) in test harness F to connector (AB7). 4) Connect airbag resistor to connector (3F) in test harness F. 5) Connect the battery ground cable and turn the ignition switch ON.	Does the airbag warning light operate properly?	Replace the driver's airbag module. <Ref. to AB-12 Driver's Airbag Module.>	Go to step 2.

AB-33

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
2	<p>CHECK ROLL CONNECTOR.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 second.</p> <p>2) Disconnect the test harness from the connector (AB7).</p> <p>3) Remove the lower cover panel, disconnect the connector (AB3) from (AB8) and connect the connector (1F) in test harness F to connector (AB8).</p> <p>4) Connect the airbag resistor to connector (3F) in test harness F.</p> <p>5) Connect the battery ground cable and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace the roll connector. <Ref. to AB-22 Roll Connector.>	Go to step 3.
3	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>1) Turn the ignition switch OFF, disconnect the ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect the airbag resistor from the connector (3F) in test harness F.</p> <p>3) Remove the glove box, <Ref. to AB-14 Passenger's Airbag Module.> and disconnect connectors (AB10) and (AB9).</p> <p>4) Disconnect the connector (AB6) from the airbag control module, and connect the connector (1I) in test harness I2. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Measure the resistance between connector (2I) in test harness I2 and the connector (3F) in test harness F.</p> <p>Connector & terminal (2I) No. 1 — (3F) No. 4: (2I) No. 4 — (3F) No. 3:</p>	Is the resistance less than 10 Ω?	Go to step 4.	Replace airbag main harness. <Ref. to AB-18 Main Harness.>
4	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>Measure the resistance of the connector (2I) in test harness I2.</p> <p>Connector & terminal (2I) No. 1 — No. 4: (2I) No. 4 — Chassis ground: (2I) No. 1 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace airbag main harness. <Ref. to AB-18 Main Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

B: TROUBLE CODE 12 S002630C40

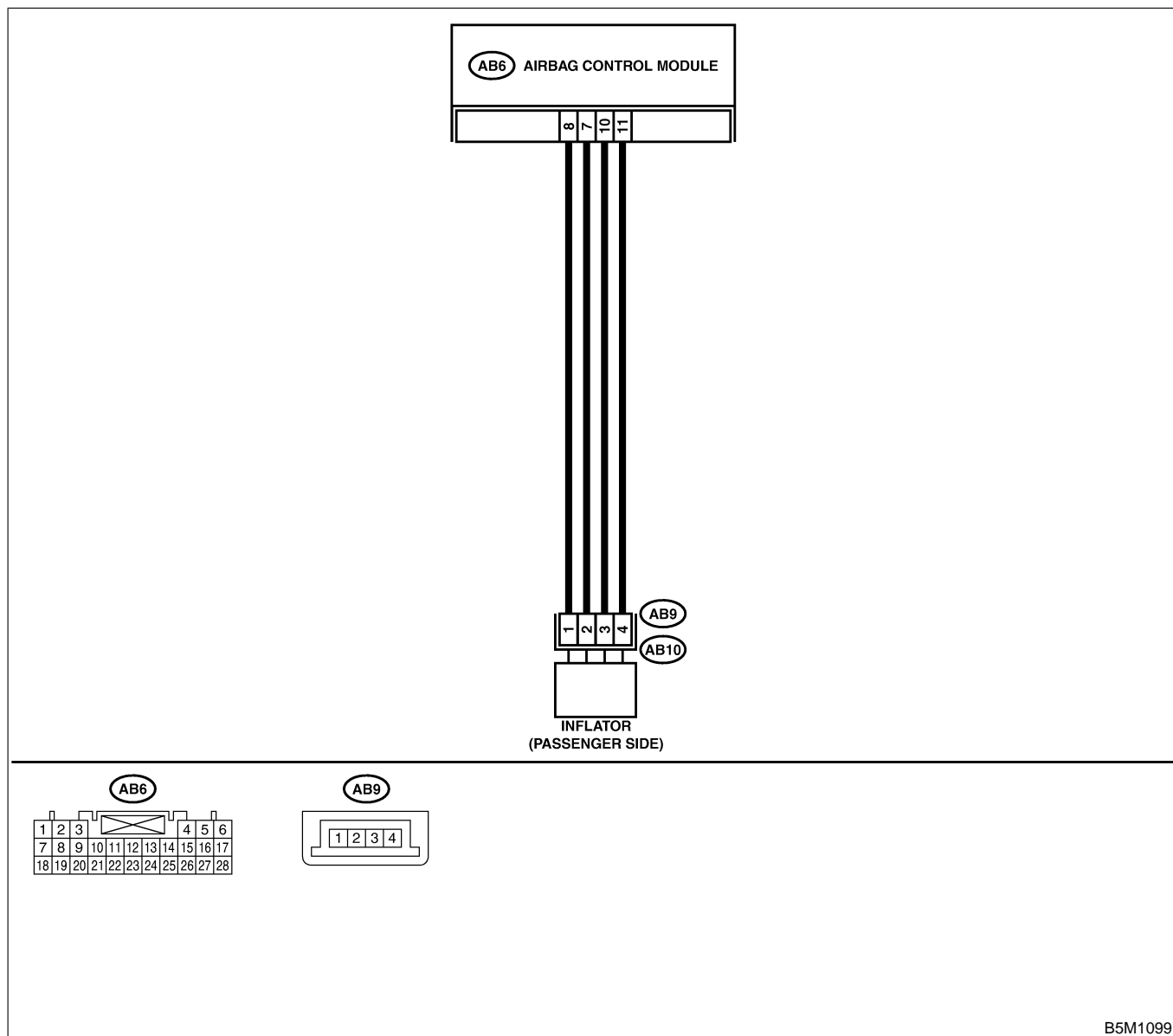
DIAGNOSIS:

- Airbag main harness circuit is open, shorted or shorted to ground.
- Airbag module harness (Passenger) circuit is open, shorted or shorted to ground.
- Passenger's airbag module 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 driver's airbag module and passenger's airbag module connectors for safety reasons.

WIRING DIAGRAM:



B5M1099

AB-35

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK PASSENGER'S AIRBAG MODULE.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Pull out the two stopper pins and lower the glove box.</p> <p>3) Disconnect the connector (AB10) from (AB9).</p> <p>4) Connect the connector (1K) in test harness K to connector (AB9).</p> <p>5) Connect two airbag resistors to connectors (3K) and (4K) in test harness K.</p> <p>6) Connect the battery ground cable and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace the passenger's airbag module. <Ref. to AB-14 Passenger's Airbag Module.>	Go to step 2.
2	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect two airbag resistors from the connectors (3K) and (4K) in test harness K.</p> <p>3) Remove the lower cover and disconnect the connector (AB3) from (AB8).</p> <p>4) Disconnect the connector (AB6) from the airbag control module, and connect the connector (1I) in test harness I2. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Measure the resistance between connector (2I) in test harness I2 and the connector (3K) in test harness K.</p> <p>Connector & terminal</p> <p>(2I) No. 2 — (3K) No. 4:</p> <p>(2I) No. 5 — (3K) No. 3:</p>	Is the resistance less than 10 Ω?	Go to step 3.	Replace airbag main harness. <Ref. to AB-18 Main Harness.>
3	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>Measure the resistance of the connector (2I) in test harness I2.</p> <p>Connector & terminal</p> <p>(2I) No. 2 — No. 5:</p> <p>(2I) No. 2 — Chassis ground:</p> <p>(2I) No. 5 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace airbag main harness. <Ref. to AB-18 Main Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

C: TROUBLE CODE 15 S002630C41

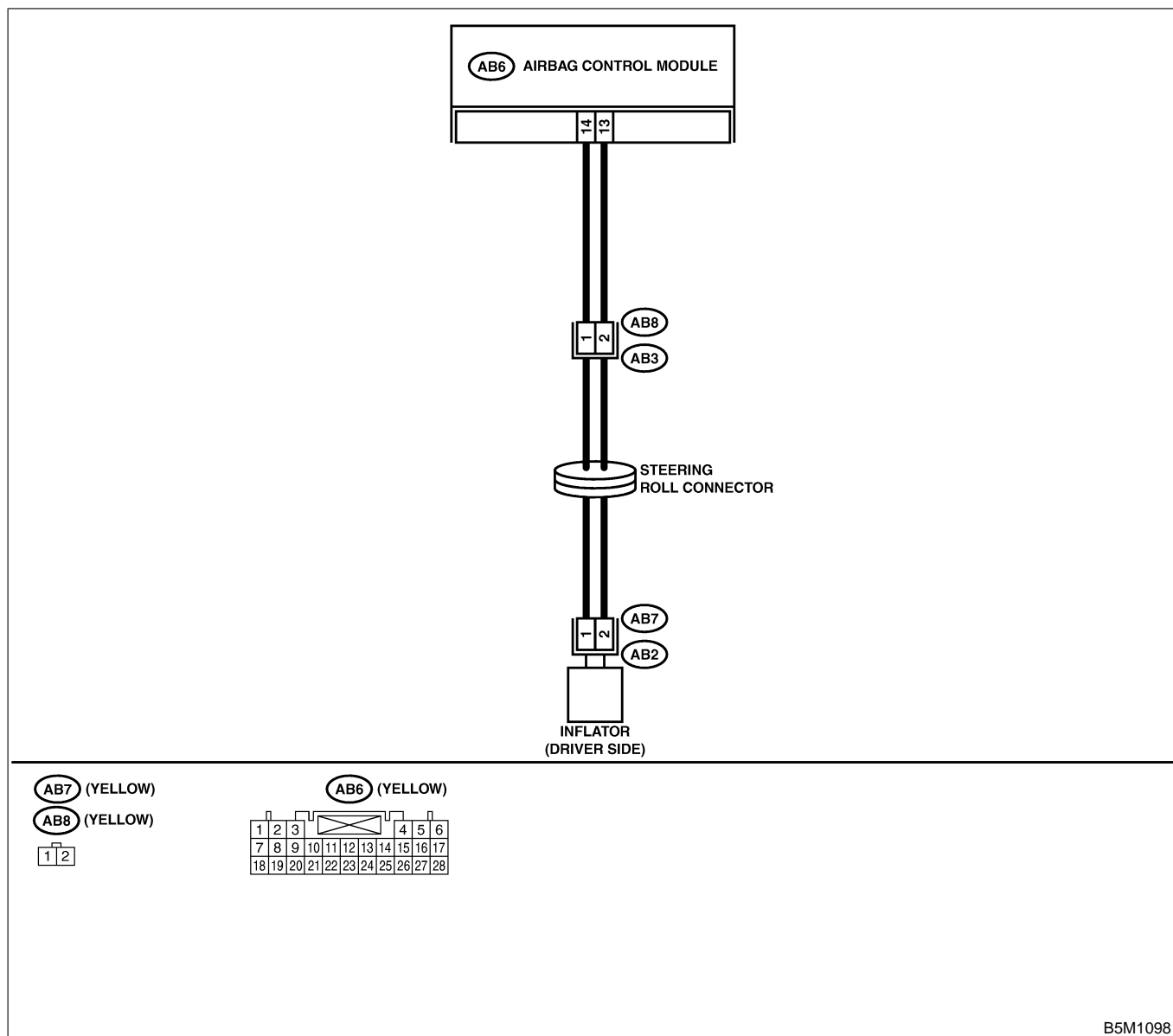
DIAGNOSIS:

- Airbag main harness circuit (Driver) is shorted to the power supply.
- Airbag module harness (Driver) is shorted to the power supply.
- Roll connector is shorted to the power supply.
- Driver's airbag module 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 driver's airbag module and passenger's airbag module connectors for safety reasons.

WIRING DIAGRAM:



B5M1098

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK DRIVER'S AIRBAG MODULE.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Remove the driver's airbag module. <Ref. to AB-12 Driver's Airbag Module.></p> <p>3) Connect the connector (AB7) to connector (1F) in test harness F.</p> <p>4) Connect the airbag resistor to connector (3F) in test harness F.</p> <p>5) Connect the battery ground cable and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace the driver's airbag module. <Ref. to AB-12 Driver's Airbag Module.>	Go to step 2.
2	<p>CHECK ROLL CONNECTOR.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect the test harness from the connector (AB7).</p> <p>3) Remove the lower cover panel and disconnect the connector (AB3) from (AB8).</p> <p>4) Connect the connector (1F) in test harness F to connector (AB8).</p> <p>5) Connect the airbag resistor to connector (3F) in test harness F.</p> <p>6) Connect the battery ground cable and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace the roll connector. <Ref. to AB-22 Roll Connector.>	Go to step 3.
3	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect the airbag resistor from the connector (3F) in test harness F.</p> <p>3) Pull out the two stopper pins and lower the glove box, and disconnect connectors (AB10) and (AB9).</p> <p>4) Disconnect the connector (AB6) from the airbag control module, and connect the connector (1I) in test harness I2. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Connect the battery ground cable and turn the ignition switch ON. (Engine OFF)</p> <p>6) Measure the voltage between connector (2I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal <i>(2I) No. 4 (+) — Chassis ground (-);</i> <i>(2I) No. 1 (+) — Chassis ground (-);</i></p>	Is the voltage less than 1 V?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace airbag main harness. <Ref. to AB-18 Main Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

D: TROUBLE CODE 16 S002630C42

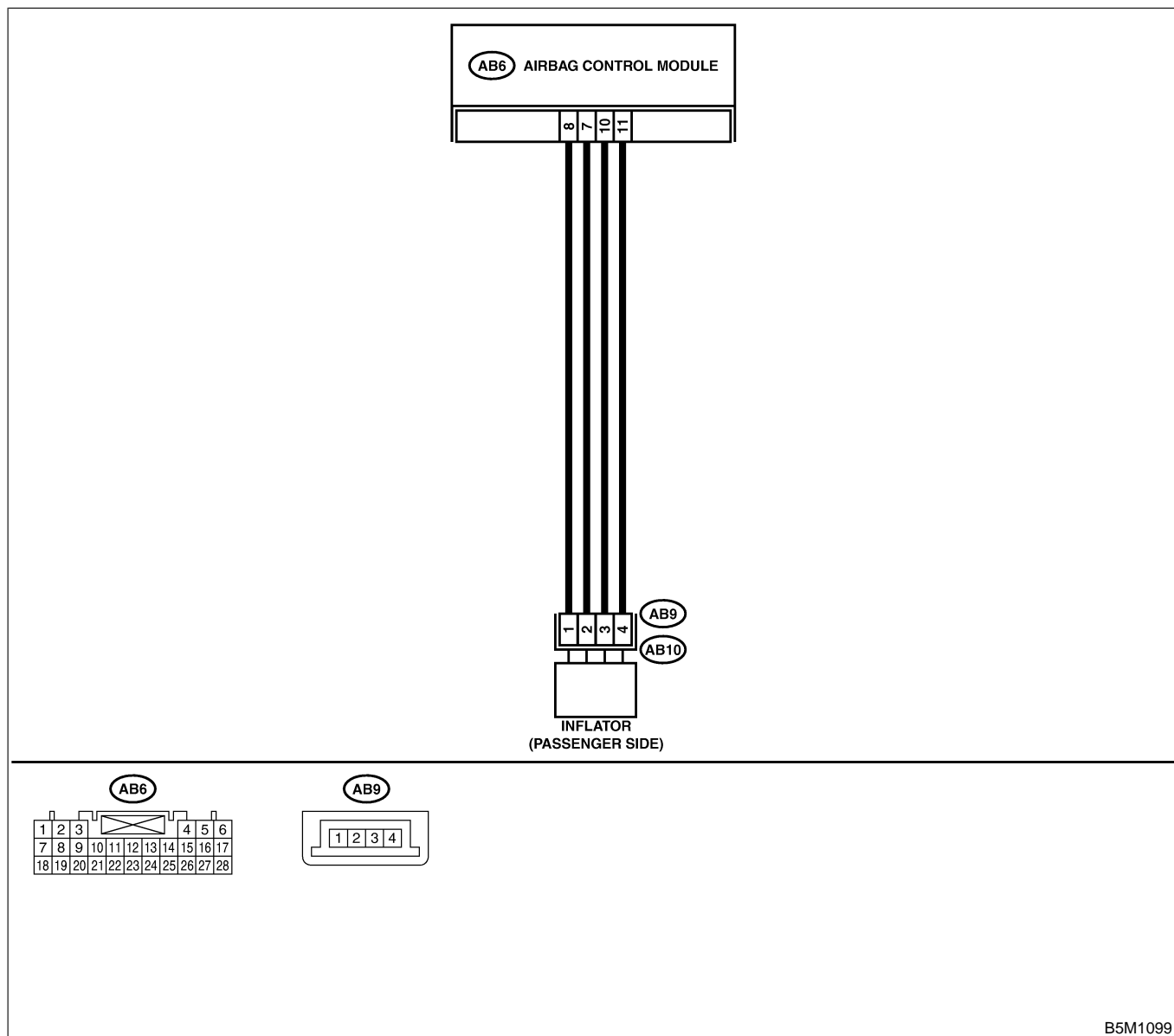
DIAGNOSIS:

- Airbag main harness circuit (Passenger) is shorted to the power supply.
- Airbag module harness (Passenger) is shorted to the power supply.
- Passenger's airbag module 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 driver's airbag module and passenger's airbag module connectors for safety reasons.

WIRING DIAGRAM:



B5M1099

AB-39

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	CHECK PASSENGER'S AIRBAG MODULE. 1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Pull out the two stopper pins and lower the glove box. 3) Disconnect the connector (AB10) from (AB9) 4) Connect the connector (1K) in test harness K to connector (AB9). 5) Connect two airbag resistors to connectors (3K) and (4K) in test harness K. 6) Connect the battery ground cable and turn the ignition switch ON.	Does the airbag warning light operate properly?	Replace the passenger's airbag module. <Ref. to AB-14 Passenger's Airbag Module.>	Go to step 2.
2	CHECK AIRBAG MAIN HARNESS. 1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect two airbag resistors from the connectors (3K) and (4K) in test harness K. 3) Remove the lower cover and disconnect the connector (AB3) from (AB8). 4) Disconnect the connector (AB6) from the airbag control module, and connect the connector (1I) in test harness I2. <Ref. to AB-20 Airbag Control Module.> 5) Measure the voltage between connector (2I) in test harness I2 and the chassis ground. Connector & terminal (2I) No. 2 (+) — Chassis ground (-): (2I) No. 5 (+) — Chassis ground (-):	Is the voltage less than 1 V?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace airbag main harness. <Ref. to AB-18 Main Harness.>

E: TROUBLE CODE 21 S002630C45

DIAGNOSIS:

- 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.

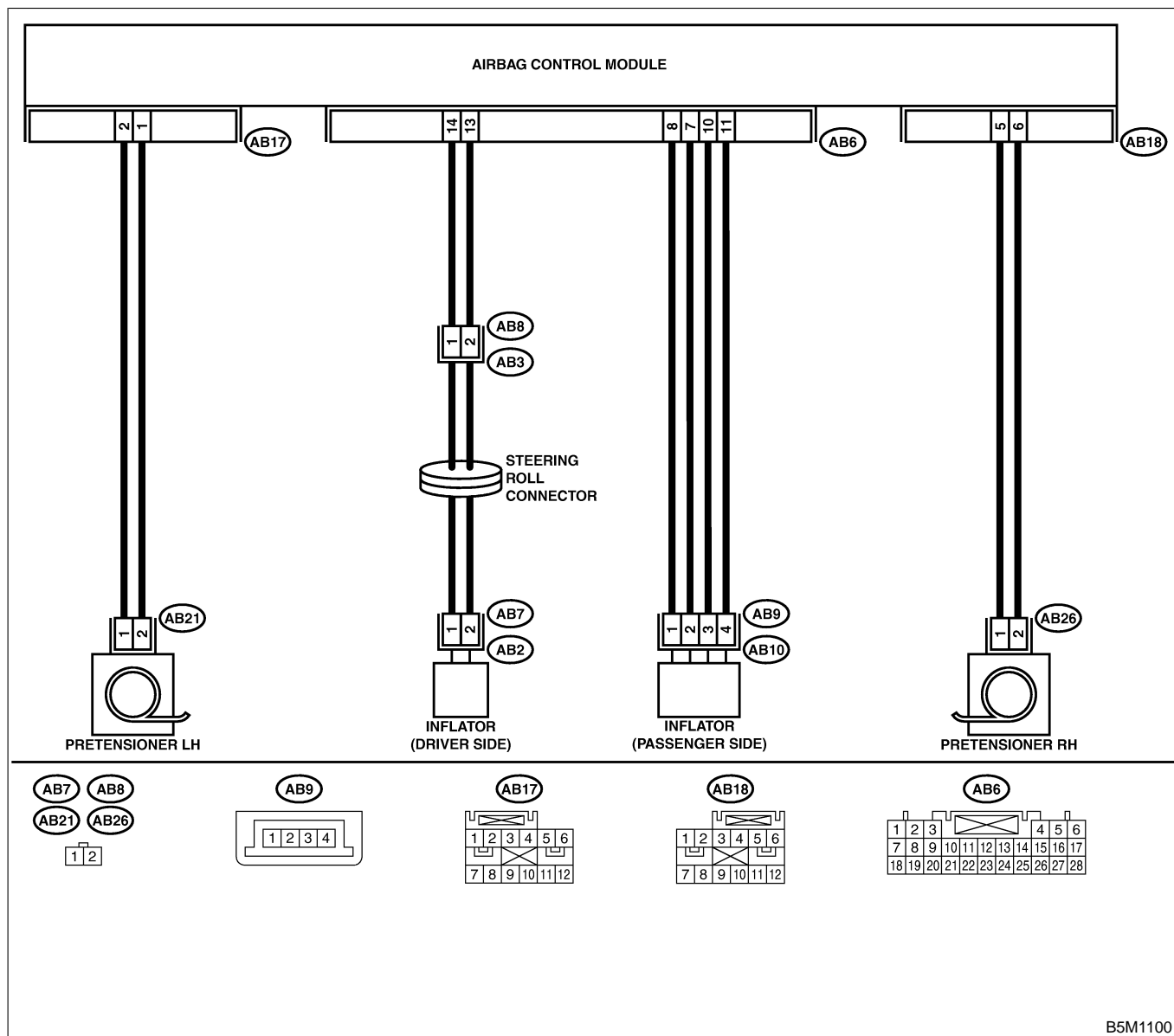
No.	Step	Check	Yes	No
1	CHECK IF TROUBLE CODE 21 IS INDICATED. Read Diagnostic Trouble Code. <Ref. to AB-20 Read Diagnostics Trouble Code.>	Is airbag warning light trouble code 21 indicated?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Perform clear memory. <Ref. to AB-22 Clear Memory Mode.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

F: TROUBLE CODE 22 S002630C51

WIRING DIAGRAM:



B5M1100

This code is indicated when the front airbag and the pretensioner are in operation. Once this code is indicated, memory is not erasable; therefore change the following parts.

- Airbag control module. <Ref. to AB-20 Airbag Control Module.>
- Driver's airbag module. <Ref. to AB-12 Driver's Airbag Module.>
- Passenger's airbag module. <Ref. to AB-14 Passenger's Airbag Module.>
- Front sub-sensor of both sides. <Ref. to AB-23 Front Sub Sensor.>
- Front seat belt outer with pretensioner of both sides. <Ref. to SB-8 Front Seat Belt.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

G: TROUBLE CODE 23 S002630C56

DIAGNOSIS:

(AB6), (AB17) and (AB18) are 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.

No.	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONECTORS (AB6), (AB17) and (AB18). 1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connectors (AB6), (AB17) and (AB18) from the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Check if rust or damage appear on the harness connector and the control module connector.	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.> Replace airbag main harness. <Ref. to AB-18 Main Harness.> Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>	Go to step 2.
2	CHECK POOR CONTACT IN CONECTORS (AB6), (AB17) and (AB18). 1) Ensure that connectors are firmly reconnected. 2) Connect the battery ground cable and turn the ignition switch ON.	Does the air bag warning light operate properly?	Finish the diagnosis.	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

H: TROUBLE CODE 24 S002630C61

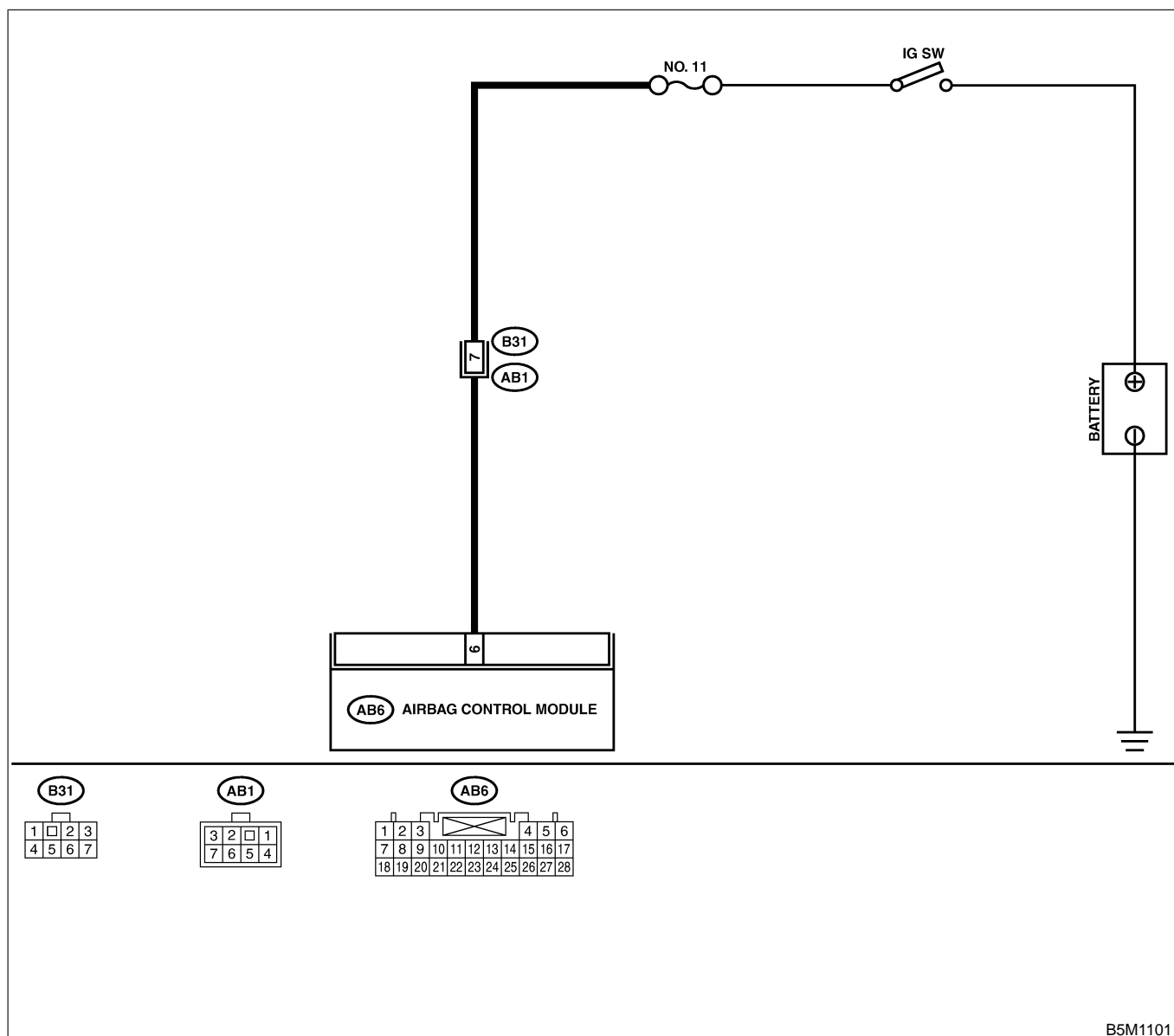
DIAGNOSIS:

- Airbag control module is faulty.
- Airbag main harness circuit is open.
- Fuse No, 11 (in joint box) is blown.
- Body harness circuit is open.

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 driver's airbag module and passenger's airbag module connectors for safety reasons.

WIRING DIAGRAM:



DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK AIRBAG CONTROL MODULE.</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 (AB6) from the airbag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>3) Connect the connector (1I) in test harness I2 to connector (AB6).</p> <p>4) Connect the battery ground cable and turn the ignition switch ON.</p> <p>5) Measure the voltage between connector (2I) in test harness I2 and chassis ground.</p> <p>Connector & terminal (2I) No. 3 (+) — Chassis ground (-):</p>	Is the voltage more than 10 V?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Go to step 2.
2	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>1) While checking control module, turn the ignition switch OFF and disconnect the battery ground cable. Wait more than 20 seconds before operation.</p> <p>2) Disconnect the airbag connector (AB1) from the body harness (B31).</p> <p>3) Connect the connector (2A) in test harness A to connector (AB1).</p> <p>4) Measure the resistance between connector (5A) in test harness A and the connector (2I) in test harness I2.</p> <p>Connector & terminal (5A) No. 9 — (2I) No. 3:</p>	Is the resistance less than 10 Ω?	Go to step 3.	Replace airbag main harness. <Ref. to AB-18 Main Harness.>
3	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>Measure the following resistance with the above-mentioned condition maintained.</p> <p>Connector & terminal (5A) No. 9 — Chassis ground: (2I) No. 3 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Go to step 4.	Replace airbag main harness. <Ref. to AB-18 Main Harness.>
4	<p>CHECK FUSE No. 11 (IN JOINT BOX).</p> <p>1) Confirm that the ignition switch is turned OFF.</p> <p>2) Remove fuse No. 11 (in joint box) and perform visual inspection.</p>	Is fuse No. 11 blown?	Replace fuse No. 11. If fuse No. 11 blows again, repair the body harness.	Repair the body harness.

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

I: TROUBLE CODE 25 S002630C66

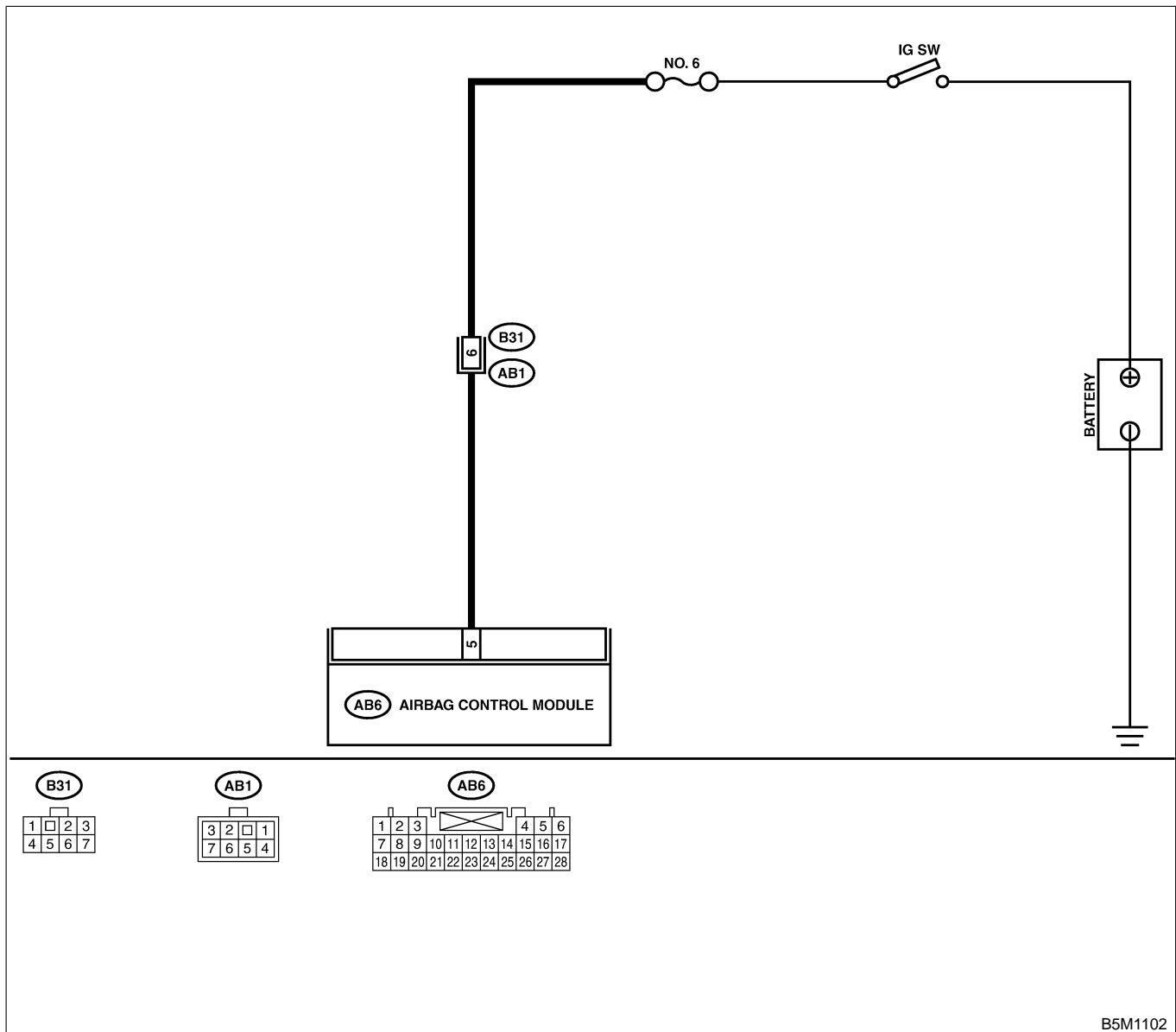
DIAGNOSIS:

- Airbag control module is faulty.
- Airbag main harness circuit is open.
- Fuse No. 6 (in joint box) is blown.
- Body harness circuit is open.

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 driver's airbag module and passenger's airbag module connectors for safety reasons.

WIRING DIAGRAM:



AB-45

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK AIRBAG CONTROL MODULE.</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 (AB6) from airbag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>3) Connect the connector (1I) in test harness I2 to connector (AB6).</p> <p>4) Connect the battery ground cable, and turn the ignition switch ON.</p> <p>5) Measure the voltage between the connector (2I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal (2I) No. 6 (+) — Chassis ground (-):</p>	Is the voltage more than 10 V?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Go to step 2.
2	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>1) While checking control module, turn the ignition switch OFF and disconnect the battery ground cable. Wait more than 20 seconds before operation.</p> <p>2) Disconnect the airbag connector (AB1) from the body harness (B31).</p> <p>3) Connect the connector (2A) in test harness A to the airbag connector (AB1).</p> <p>4) Measure the resistance between the connector (5A) in test harness A and the connector (2I) in test harness I2.</p> <p>Connector & terminal (5A) No. 1 — (2I) No. 6:</p>	Is the resistance less than 10 Ω?	Go to step 3.	Replace the airbag main harness. <Ref. to AB-18 Main Harness.>
3	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>Measure the following resistance with the above-mentioned condition maintained.</p> <p>Connector & terminal (5A) No. 1 — Chassis ground: (2I) No. 6 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Go to step 4.	Replace the airbag main harness. <Ref. to AB-18 Main Harness.>
4	<p>CHECK FUSE NO. 6 (IN JOINT BOX).</p> <p>1) Confirm that the ignition switch is turned OFF.</p> <p>2) Remove No. 11 fuse (in joint box) and perform visual inspection.</p>	Is fuse No. 6 blown?	Replace fuse No. 6. If fuse No. 6 is blown again, repair the body harness.	Repair the body harness.

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

J: TROUBLE CODE 31 S002630C89

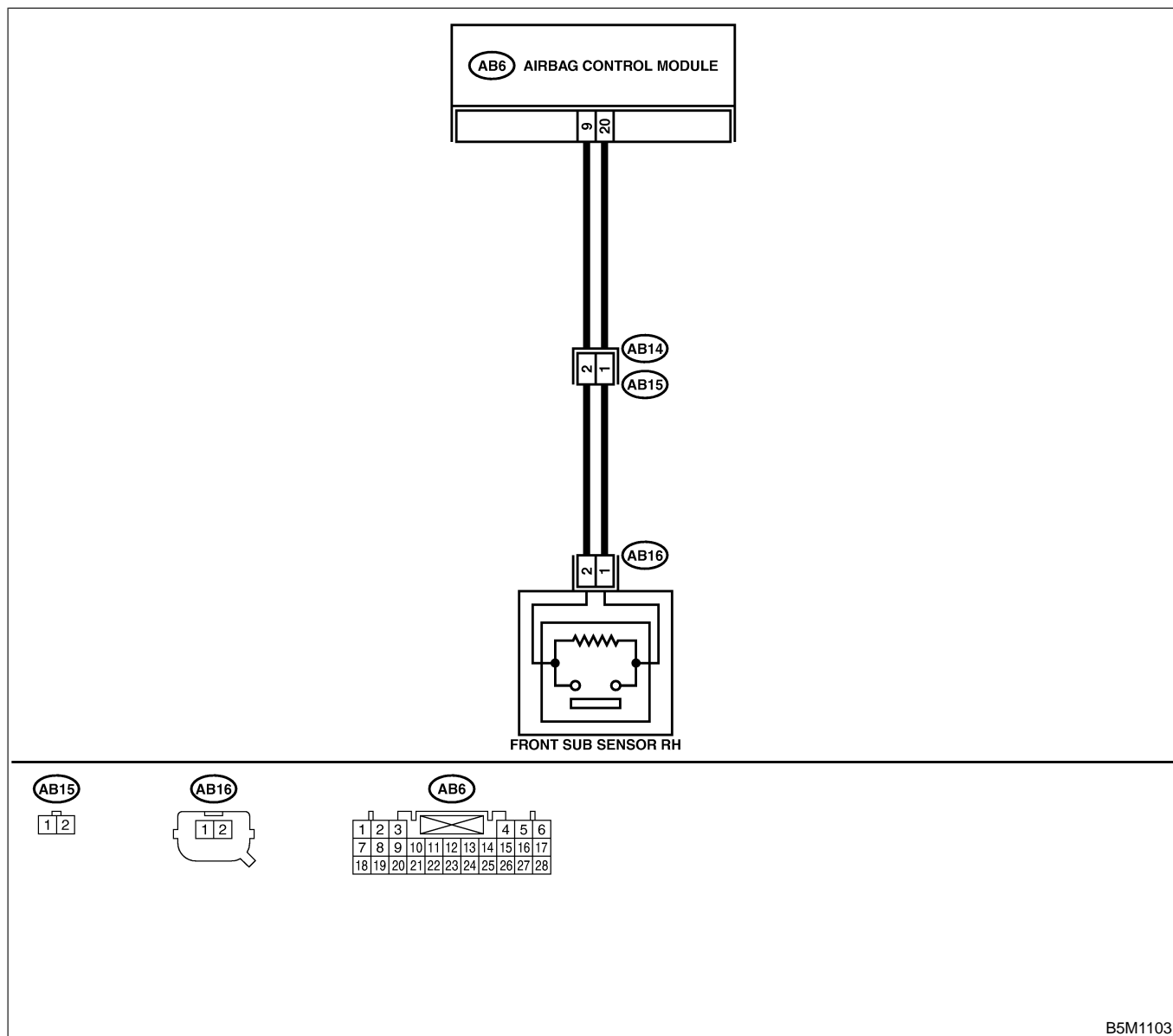
DIAGNOSIS:

- Front sub-sensor harness (RH) circuit is shorted.
- Front sub-sensor harness (RH) circuit is open.
- Front sub-sensor (RH) 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 driver's airbag module and passenger's airbag module connectors for safety reasons.

WIRING DIAGRAM:



B5M1103

AB-47

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK FRONT SUB-SENSOR (RH) AND FRONT SUB-SENSOR HARNESS (RH). 1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB6) from the airbag control module, and connect the connector (1I) in test harness I2. <Ref. to AB-20 Airbag Control Module.> 3) Measure the resistance of the connector (3I) in test harness I2. Connector & terminal (3I) No. 2 — No. 4:</p>	Is the resistance between 750Ω and 1 KΩ?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Go to step 2.
2	<p>CHECK FRONT SUB-SENSOR (RH) AND FRONT SUB-SENSOR HARNESS (RH). Measure the resistance between connector (3I) in test harness I2 and the chassis ground. Connector & terminal (3I) No. 2 — Chassis ground: (3I) No. 4 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Go to step 3.
3	<p>CHECK AIRBAG MAIN HARNESS AND FRONT SUB-SENSOR HARNESS (RH). 1) Disconnect connector (AB16) from the front sub-sensor. <Ref. to AB-23 Front Sub Sensor.> 2) Connect connector (IH) in test harness H to connector (AB16). 3) Measure the resistance between connector (3I) in test harness I2 and connector (3H) in test harness H. Connector & terminal (3I) No. 2 — (3H) No. 5: (3I) No. 4 — (3H) No. 6:</p>	Is the resistance less than 10Ω?	Go to step 4.	Go to step 5.
4	<p>CHECK AIRBAG MAIN HARNESS AND FRONT SUB-SENSOR HARNESS (RH). Measure the resistance between connector (3I) in test harness I2 and the chassis ground. Connector & terminal (3I) No. 2 — Chassis ground: (3I) No. 4 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Go to step 9.	Go to step 5.
5	<p>CHECK AIRBAG MAIN HARNESS 1) Remove the instrument panel. <Ref. to EI-37 Instrument Panel Assembly.> 2) Disconnect connector (AB15) from (AB14), and connect connector (2F) in test harness F to connector (AB14). 3) Measure the resistance between connector (3I) in test harness I2 and connector (3F) in test harness F. Connector & terminal (3I) No. 2 — (3F) No. 6: (3I) No. 4 — (3F) No. 5:</p>	Is the resistance less than 10 Ω?	Go to step 6.	Replace airbag main harness. <Ref. to AB-18 Main Harness.>
6	<p>CHECK AIRBAG MAIN HARNESS Measure the resistance between connector (3I) in test harness I2 and the chassis ground. Connector & terminal (3I) No. 2 — Chassis ground: (3I) No. 4 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Go to step 7.	Replace airbag main harness. <Ref. to AB-18 Main Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
7	CHECK FRONT SUB-SENSOR HARNESS (RH). 1) Connect connector (1F) in test harness F to the connector (AB15). 2) Measure the resistance between connector (3H) in test harness H and connector (3F) in the test harness F. Connector & terminal <i>(3F) No. 3 — (3H) No. 5:</i> <i>(3F) No. 4 — (3H) No. 6:</i>	Is the resistance less than 10 Ω?	Go to step 8.	Replace the front sub-sensor harness (RH) <Ref. to AB-24 Front Sub Sensor Har-ness.>
8	CHECK FRONT SUB-SENSOR HARNESS (RH). Measure the resistance between connector (3F) in test harness F and the chassis ground. Connector & terminal <i>(3F) No. 3 — Chassis ground:</i> <i>(3F) No. 4 — Chassis ground:</i>	Is the resistance more than 1 MΩ?	Go to step 9.	Replace the front sub-sensor harness (RH) <Ref. to AB-24 Front Sub Sensor Har-ness.>
9	CHECK FRONT SUB-SENSOR (RH). 1) Connect connector (2H) in test harness H to front sub-sensor (RH). 2) Measure the resistance of the connector (3H) in test harness H. Connector & terminal <i>(3H) No. 3 — No. 4:</i>	Is the resistance between 750Ω and 1 KΩ?	Go to step 10.	Replace the front sub-sensor (RH) <Ref. to AB-23 Front Sub Sensor.>
10	CHECK FRONT SUB-SENSOR (RH). Measure the resistance between connector (3H) in test harness H and the chassis ground. Connector & terminal <i>(3H) No. 3 — Chassis ground:</i> <i>(3H) No. 4 — Chassis ground:</i>	Is the resistance more than 1 MΩ?	Finish the diagnosis.	Replace the front sub-sensor (RH) <Ref. to AB-23 Front Sub Sensor.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

K: TROUBLE CODE 32 S002630C95

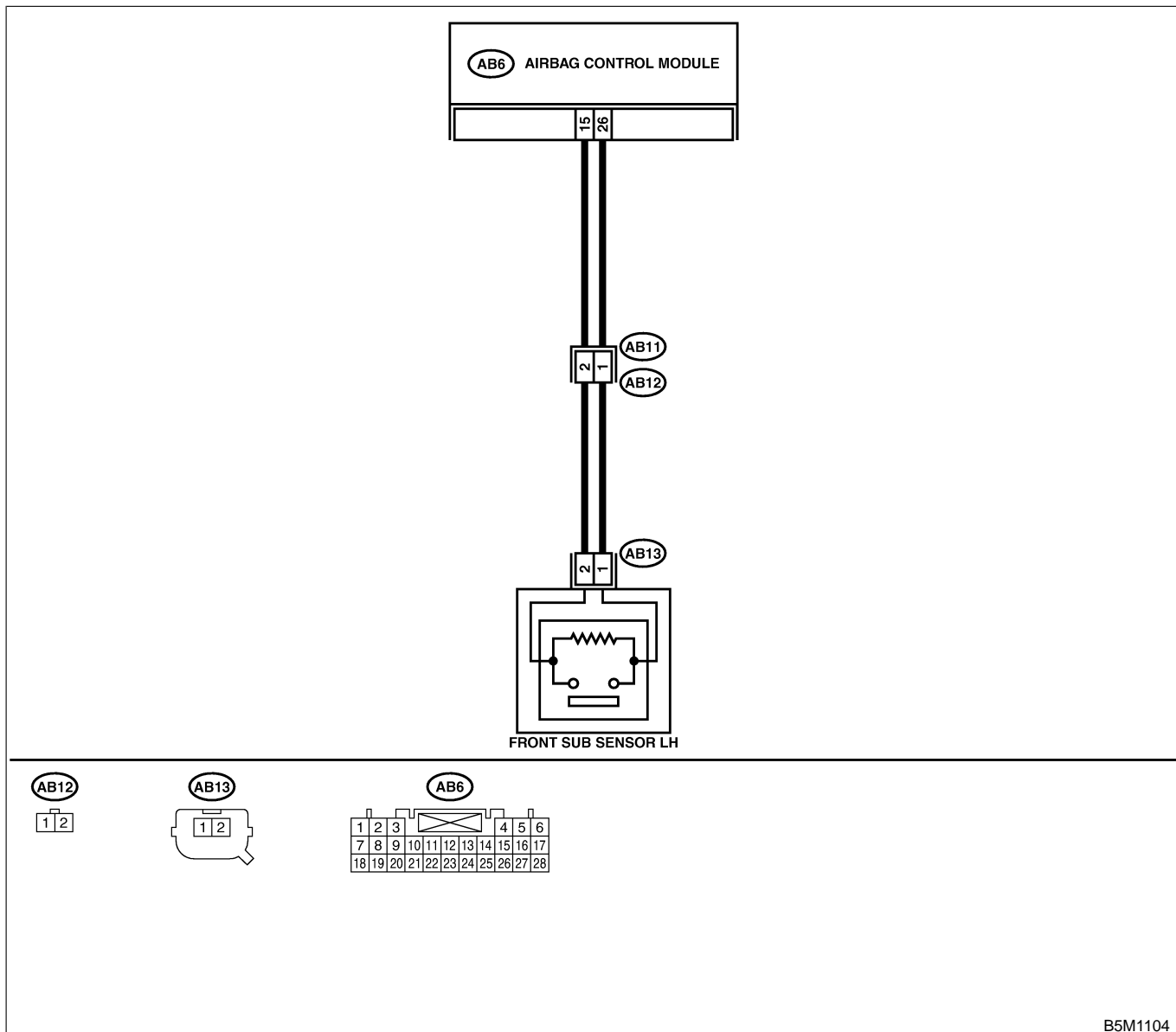
DIAGNOSIS:

- Front sub-sensor harness (LH) circuit is shorted.
- Front sub-sensor harness (LH) circuit is open.
- Front sub-sensor (LH) 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 driver's airbag module and passenger's airbag module connectors for safety reasons.

WIRING DIAGRAM:



AB-50

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK FRONT SUB-SENSOR (LH) AND FRONT SUB-SENSOR HARNESS (RH). 1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect connector (AB6) from the airbag control module, and connect connector (1I) in the test harness I2 to connector (AB6). <Ref. to AB-20 Airbag Control Module.> 3) Measure the resistance of the connector (3I) in the test harness I2.</p> <p>Connector & terminal (3I) No. 1 — No. 3:</p>	Is the resistance between 750Ω and 1 KΩ?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Go to step 2.
2	<p>CHECK FRONT SUB-SENSOR (LH) AND FRONT SUB-SENSOR HARNESS (RH). Measure the resistance between connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal (3I) No. 1 — Chassis ground: (3I) No. 3 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Go to step 3.
3	<p>CHECK AIRBAG MAIN HARNESS AND FRONT SUB-SENSOR HARNESS (LH). 1) Disconnect the connector (AB13) from the front sub-sensor. <Ref. to AB-23 Front Sub Sensor.> 2) Connect connector (1H) in test harness H to connector (AB13). 3) Measure the resistance between connector (3I) in test harness I2 and connector (3H) in test harness H.</p> <p>Connector & terminal (3I) No. 3 — (3H) No. 5: (3I) No. 1 — (3H) No. 6:</p>	Is the resistance less than 10 Ω?	Go to step 4.	Go to step 5.
4	<p>CHECK AIRBAG MAIN HARNESS AND FRONT SUB-SENSOR HARNESS (LH). Measure the resistance between connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal (3I) No. 3 — Chassis ground: (3I) No. 1 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Go to step 9.	Go to step 5.
5	<p>CHECK AIRBAG MAIN HARNESS. 1) Remove the instrument panel. <Ref. to EI-37 Instrument Panel Assembly.> 2) Disconnect connector (AB11) from (AB12), and connect connector (2F) in test harness F to (AB11). 3) Measure the resistance between connector (3I) in test harness I2 and connector (3F) in test harness F.</p> <p>Connector & terminal (3I) No. 3 — (3F) No. 6: (3I) No. 1 — (3F) No. 5:</p>	Is the resistance less than 10 Ω?	Go to step 6.	Replace the airbag main harness. <Ref. to AB-18 Main Harness.>
6	<p>CHECK AIRBAG MAIN HARNESS. Measure the resistance between connector (3I) in the test harness I2 and the chassis ground.</p> <p>Connector & terminal (3I) No. 3 — Chassis ground: (3I) No. 1 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Go to step 7.	Replace the airbag main harness. <Ref. to AB-18 Main Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
7	<p>CHECK FRONT SUB-SENSOR HARNESS (LH). 1) Connect connector (1F) in test harness F to connector (AB12). 2) Measure the resistance between connector (3H) in test harness H and connector (3F) in test harness F.</p> <p>Connector & terminal <i>(3F) No. 3 — (3H) No. 5:</i> <i>(3F) No. 4 — (3H) No. 6:</i></p>	Is the resistance less than 10 Ω?	Go to step 8.	Replace the front sub-sensor harness (LH). <Ref. to AB-24 Front Sub Sensor Harness.>
8	<p>CHECK FRONT SUB-SENSOR HARNESS (LH). Measure the resistance between connector (3F) in test harness F and the chassis ground.</p> <p>Connector & terminal <i>(3F) No. 3 — Chassis ground:</i> <i>(3F) No. 4 — Chassis ground:</i></p>	Is the resistance more than 1 MΩ?	Go to step 9.	Replace the front sub-sensor harness (LH). <Ref. to AB-24 Front Sub Sensor Harness.>
9	<p>CHECK FRONT SUB-SENSOR (LH). 1) Connect connector (2H) in test harness H to front sub-sensor (LH). 2) Measure the resistance of the connector (3H) in test harness H.</p> <p>Connector & terminal <i>(3H) No. 3 — No. 4:</i></p>	Is the resistance between 750Ω and 1 KΩ?	Go to step 10.	Replace the front sub-sensor (LH). <Ref. to AB-23 Front Sub Sensor.>
10	<p>CHECK FRONT SUB-SENSOR (LH). Measure the resistance between connector (3H) in test harness H and the chassis ground.</p> <p>Connector & terminal <i>(3H) No. 3 — Chassis ground:</i> <i>(3H) No. 4 — Chassis ground:</i></p>	Is the resistance more than 1 MΩ?	Finish the diagnosis.	Replace the front sub-sensor (LH). <Ref. to AB-23 Front Sub Sensor.>

L: TROUBLE CODE 41 S002630D28

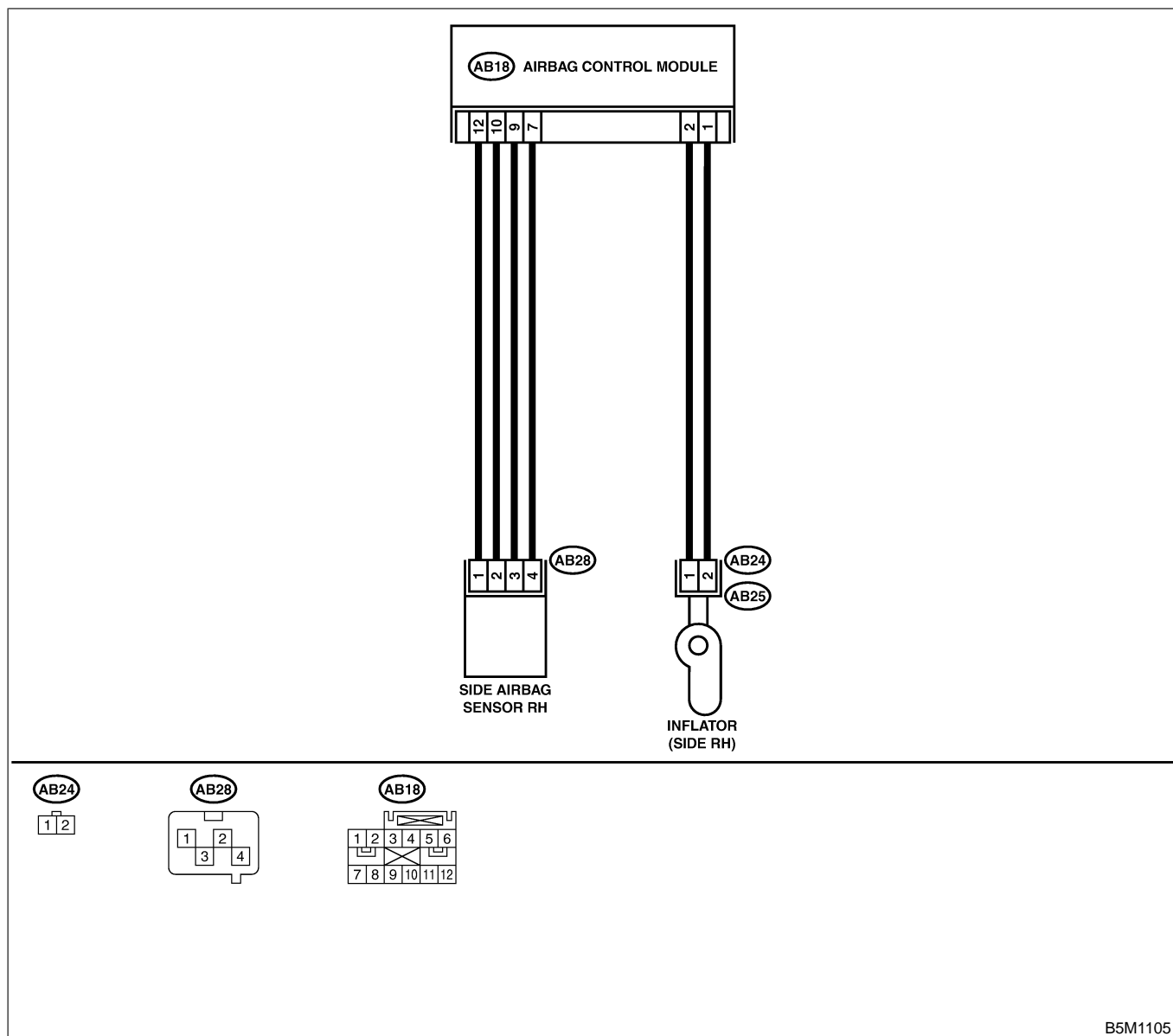
DIAGNOSIS:

- Front sub-sensor harness (RH) is faulty.
- Side airbag module (RH) 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 driver's airbag module and passenger's airbag module connectors for safety reasons.
- When inspecting the side airbag harness, disconnect the side airbag module connector and seat belt pretensioner connector for the safety reasons.

WIRING DIAGRAM:



B5M1105

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK SIDE AIRBAG MODULE.</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 (AB26) from the seat belt pretensioner (RH). <Ref. to SB-8 Front Seat Belt.></p> <p>3) Disconnect connector (AB25) from (AB24), and connect connector (1F) in test harness F to (AB24).</p> <p>4) Connect air bag resistor to connector (3F) in test harness F.</p> <p>5) Connect the battery ground cable, and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace front seat with side airbag module (RH). <Ref. to SE-6 Front Seat.>	Go to step 2.
2	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect airbag resistor from test harness.</p> <p>3) Disconnect the connector (AB18) from air bag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>4) Connect connector (1I) in test harness I2 to connector (AB18).</p> <p>5) Measure the resistance between connector (3I) in test harness I2 and connector (3F) in test harness F.</p> <p>Connector & terminal (3I) No. 7 — (3F) No. 4: (3I) No. 9 — (3F) No. 3:</p>	Is the resistance less than 10 Ω?	Go to step 3.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
3	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>Measure the resistance of the connector (3I) in test harness I2.</p> <p>Connector & terminal (3I) No. 7 — No. 9:</p>	Is the resistance more than 1 MΩ?	Go to step 4.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
4	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>Measure the resistance of the connector (3F) in test harness F.</p> <p>Connector & terminal (3F) No. 3 — No. 4:</p>	Is the resistance more 1MΩ?	Go to step 5.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
5	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>Measure the resistance between connector (3F) in test harness F and the chassis ground.</p> <p>Connector & terminal (3F) No. 3 — Chassis ground: (3F) No. 4 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Go to step 6.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
6	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>Measure the resistance between connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal (3I) No. 7 — Chassis ground: (3I) No. 9 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

M: TROUBLE CODE 42 S002630D33

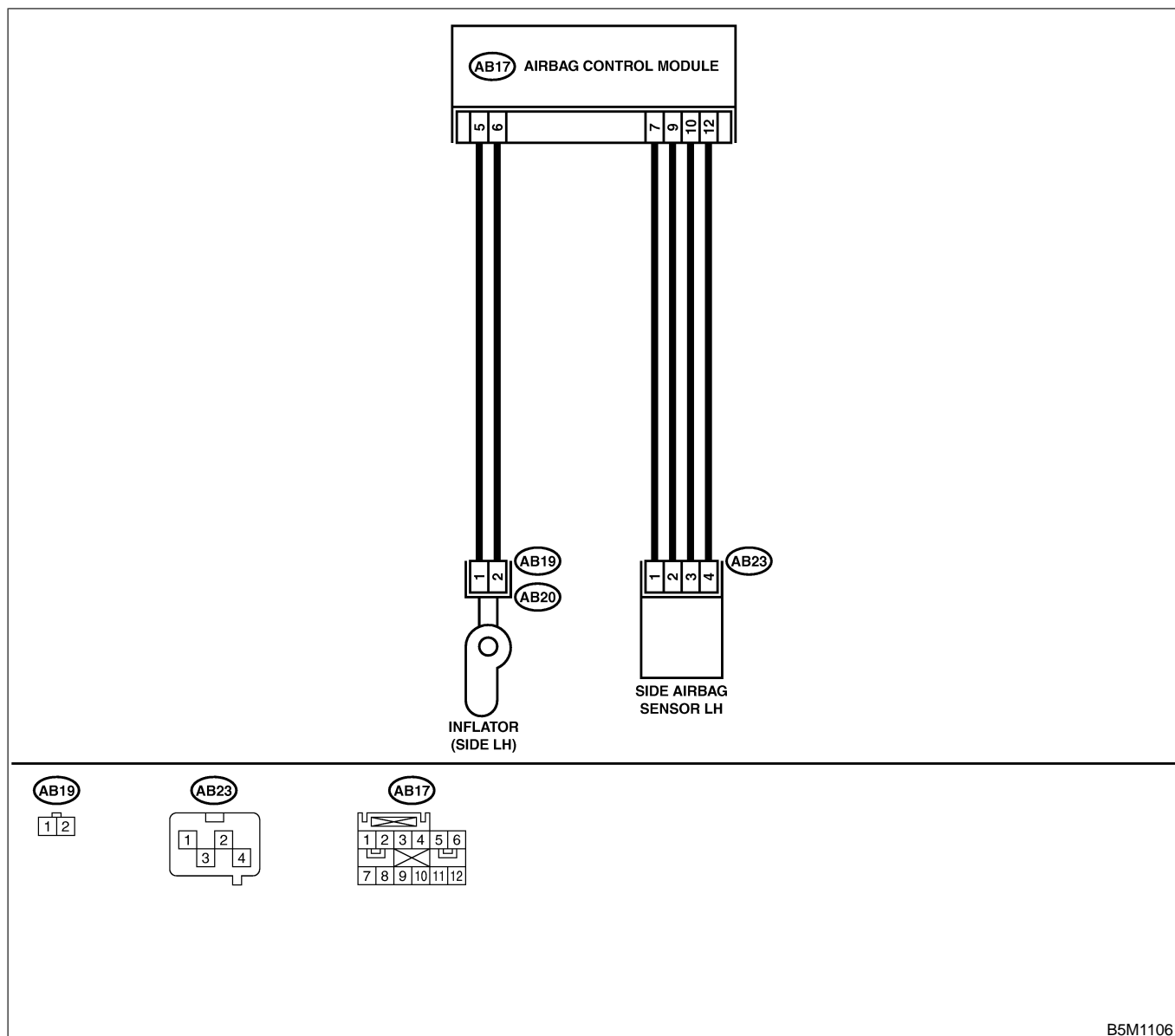
DIAGNOSIS:

- Front sub-sensor harness (LH) is faulty.
- Side airbag module (LH) 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 driver's airbag module and passenger's airbag module connectors for safety reasons.
- When inspecting the side airbag harness, disconnect the side airbag module connector and seat belt pretensioner connector for the safety reasons.

WIRING DIAGRAM:



B5M1106

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	CHECK SIDE AIRBAG MODULE. 1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB21) from the seat belt pretensioner (LH). <Ref. to SB-8 Front Seat Belt.> 3) Disconnect connector (AB20) from (AB19), and connect connector (1F) in test harness F to (AB19). 4) Connect airbag resistor to connector (3F) in test harness F. 5) Connect the battery ground cable, and turn the ignition switch ON.	Does the air bag warning light operate properly?	Replace front seat with side airbag module (LH). <Ref. to SE-6 Front Seat.>	Go to step 2.
2	CHECK SIDE AIRBAG HARNESS (LH). 1) Turn ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect airbag resistor from the test harness. 3) Disconnect the connector (AB17) from the airbag control module. <Ref. to AB-20 Airbag Control Module.> 4) Connect connector (1I) in test harness I2 to connector (AB17). 5) Measure the resistance between connector (3I) in test harness I2 and connector (3F) in test harness F. Connector & terminal (3I) No. 10 — (3F) No. 3: (3I) No. 12 — (3F) No. 4:	Is the resistance less than 10 Ω?	Go to step 3.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
3	CHECK SIDE AIRBAG HARNESS (LH). Measure the resistance of the connector (3I) in test harness I2. Connector & terminal (3I) No. 10 — No. 12:	Is the resistance more than 1 MΩ?	Go to step 4.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
4	CHECK SIDE AIRBAG HARNESS (LH). Measure the resistance of the connector (3F) in test harness F. Connector & terminal (3F) No. 3 — No. 4:	Is the resistance more than 1 MΩ?	Go to step 5.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
5	CHECK SIDE AIRBAG HARNESS (LH). Measure the resistance between connector (3F) in test harness F and the chassis ground. Connector & terminal (3F) No. 3 — Chassis ground: (3F) No. 4 — Chassis ground:	Is the resistance more than 1 MΩ?	Go to step 6.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
6	CHECK SIDE AIRBAG HARNESS (LH). Measure the resistance between connector (3I) in test harness I2 and the chassis ground. Connector & terminal (3I) No. 10 — Chassis ground: (3I) No. 12 — Chassis ground:	Is the resistance more than 1 MΩ?	Replace airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

N: TROUBLE CODE 45 S002630D45

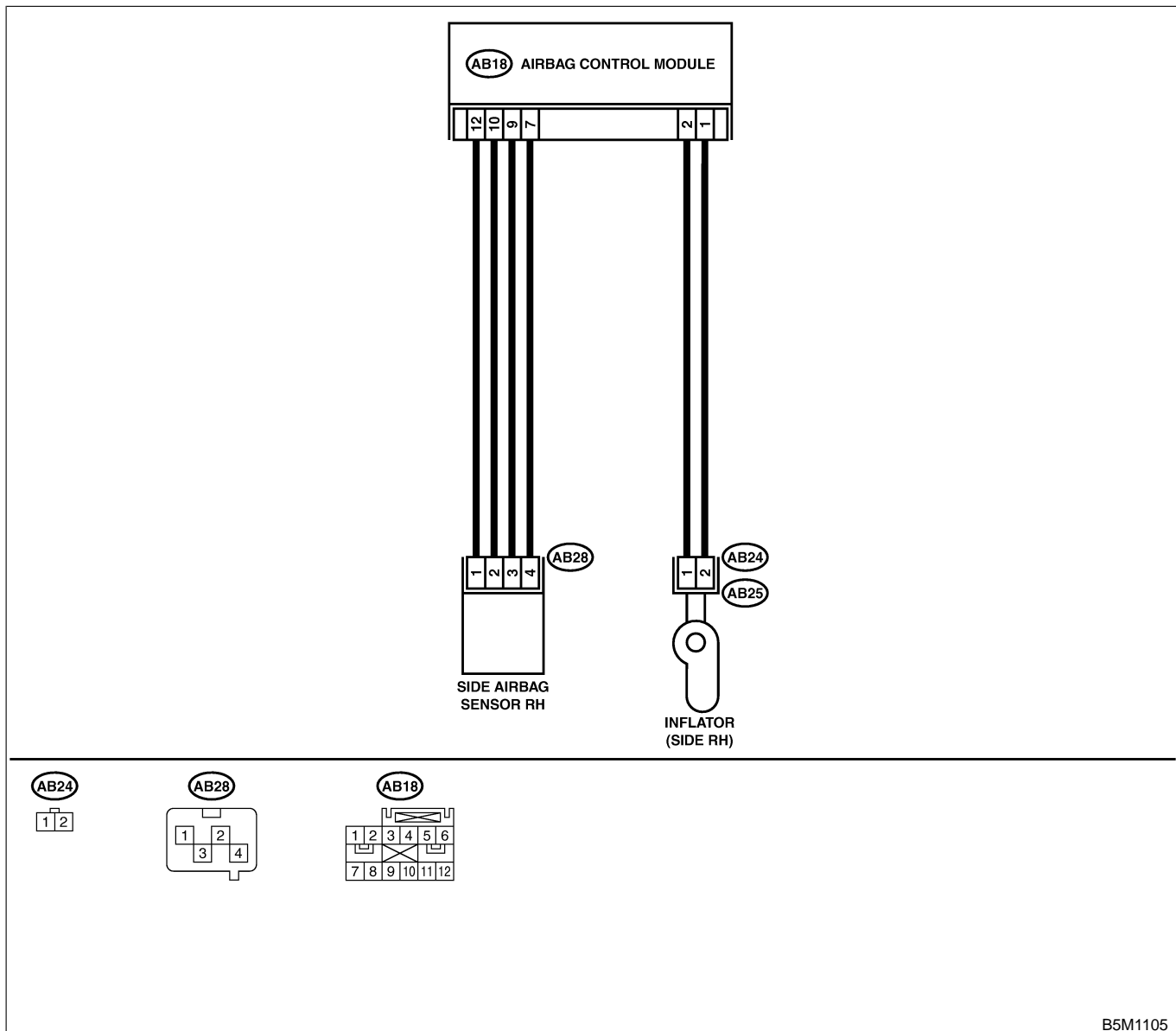
DIAGNOSIS:

- Side airbag harness (RH) is shorted to power supply.
- 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 driver's airbag module and passenger's airbag module connectors for safety reasons.
- When inspecting the side airbag harness, disconnect the side airbag module connector and seat belt pretensioner connector for the safety reasons.

WIRING DIAGRAM:



B5M1105

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK SIDE AIRBAG MODULE.</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 (AB26) from the seat belt pretensioner (RH). <Ref. to SB-8 Front Seat Belt.></p> <p>3) Disconnect the connector (AB25) from (AB24), and connect connector (1F) in test harness F to (AB24).</p> <p>4) Connect airbag resistor to connector (3F) in test harness F.</p> <p>5) Connect the battery ground cable, and turn the ignition switch ON.</p>	Does air bag warning light operate properly?	Replace front seat with side airbag module (RH). <Ref. to SE-6 Front Seat.>	Go to step 2.
2	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect airbag resistor from the test harness.</p> <p>3) Disconnect the connector (AB18) from the airbag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>4) Connect connector (1I) in test harness I2 to connector (AB18).</p> <p>5) Connect the battery ground cable, and turn the ignition switch ON.</p> <p>6) Measure the voltage between connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal</p> <p>(3I) No. 7 (+) — Chassis ground (-):</p> <p>(3I) No. 9 (+) — Chassis ground (-):</p>	Is the voltage less than 1 V?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

O: TROUBLE CODE 46 S002630D50

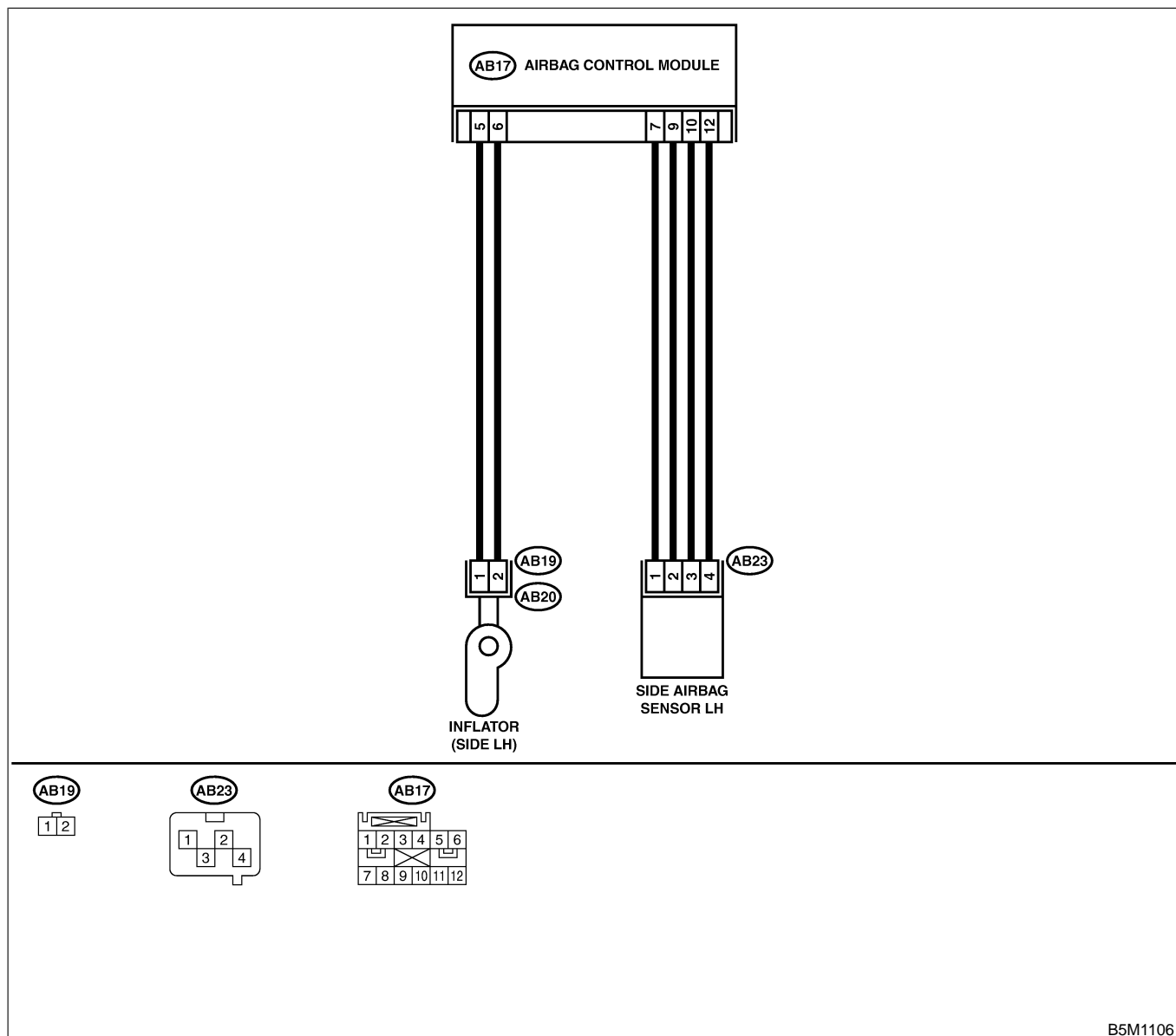
DIAGNOSIS:

- Side airbag harness (LH) is shorted to power supply.
- 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 driver's airbag module and passenger's airbag module connectors for safety reasons.
- When inspecting the side airbag harness, disconnect the side airbag module connector and seat belt pretensioner connector for the safety reasons.

WIRING DIAGRAM:



AB-59

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK SIDE AIRBAG MODULE.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect connector (AB21) from the seat belt pretensioner (LH). <Ref. to SB-8 Front Seat Belt.></p> <p>3) Disconnect connector (AB20) from (AB19), and connect connector (1F) in test harness F to (AB19).</p> <p>4) Connect airbag resistor to connector (3F) in test harness F.</p> <p>5) Connect the battery ground cable and turn the ignition switch ON.</p>	Does air bag warning light operate properly?	Replace front seat with side airbag module (LH). <Ref. to SE-6 Front Seat.>	Go to step 2.
2	<p>CHECK SIDE AIRBAG HARNESS (LH).</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect airbag resistor from the test harness.</p> <p>3) Disconnect the connector (AB17) from the airbag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>4) Connect connector (1I) in test harness I2 to connector (AB17).</p> <p>5) Connect the battery ground cable, and turn the ignition switch ON.</p> <p>6) Measure the voltage between connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal</p> <p>(3I) No. 10 (+) — Chassis ground (-):</p> <p>(3I) No. 12 (+) — Chassis ground (-):</p>	Is the voltage less than 1 V?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

P: TROUBLE CODE 51 S002630D60

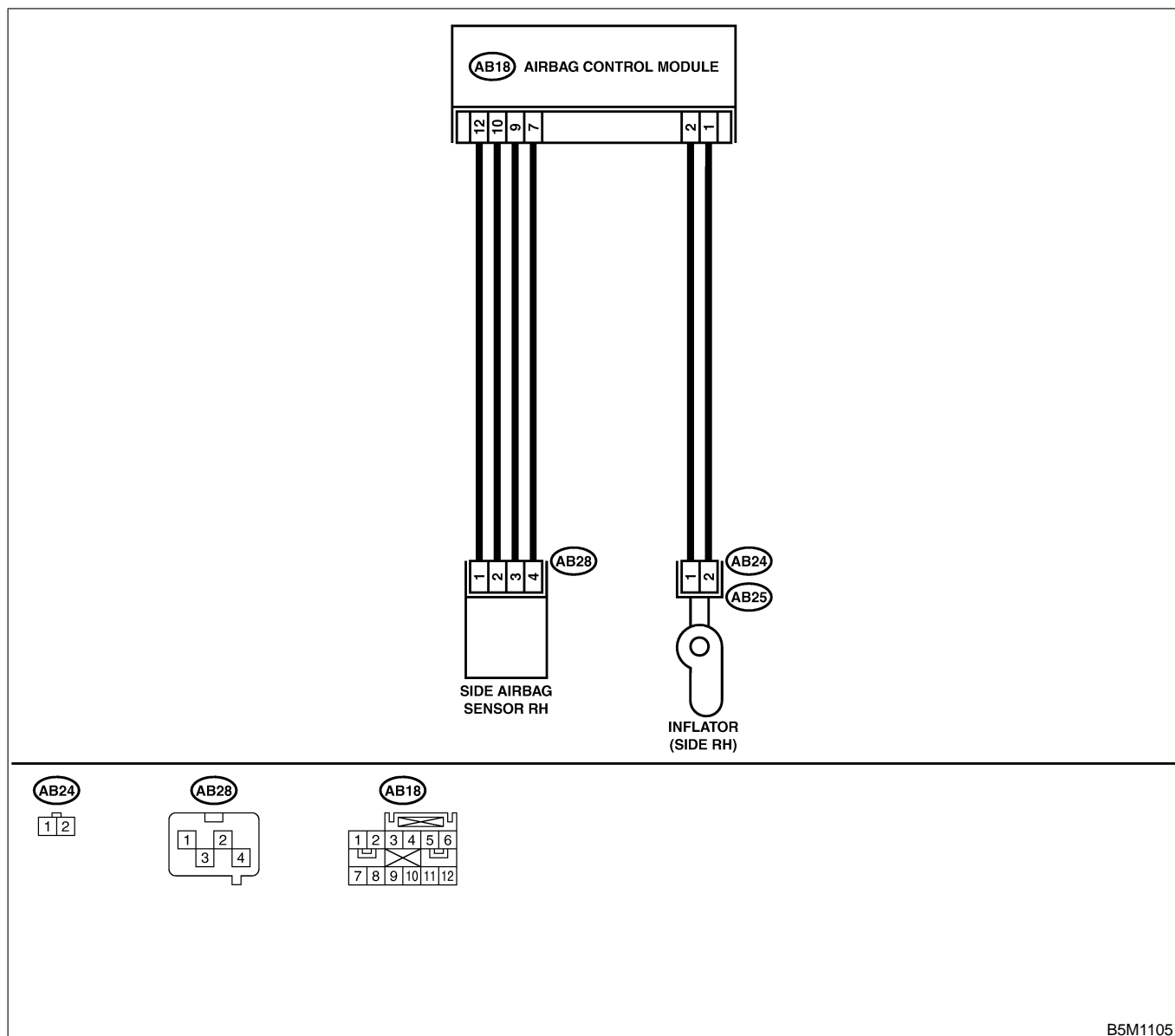
DIAGNOSIS:

- Side airbag sensor (RH) is faulty.
- Side airbag harness (RH) 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 driver's airbag module and passenger's airbag module connectors for safety reasons.
- When inspecting the side airbag harness, disconnect the side airbag module connector and seat belt pretensioner connector for the safety reasons.

WIRING DIAGRAM:



B5M1105

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect connector (AB26) from the seat belt pretensioner (RH). <Ref. to SB-8 Front Seat Belt.></p> <p>3) Disconnect connector (AB25) from (AB24).</p> <p>4) Disconnect connector (AB18) from the airbag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Connect connector (1I) in test harness I2 to the connector (AB18).</p> <p>6) Disconnect connector (AB28) from the side airbag sensor (RH), and connect connector (1G) in test harness G to connector (AB28).</p> <p>7) Measure the resistance between connector (3I) in test harness I2 and connector (3G) in test harness G.</p> <p>Connector & terminal</p> <p>(3I) No. 17 — (3G) No. 2:</p> <p>(3I) No. 18 — (3G) No. 1:</p> <p>(3I) No. 19 — (3G) No. 5:</p> <p>(3I) No. 20 — (3G) No. 4:</p>	Is the resistance less than 10 Ω?	Go to step 2.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
2	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>Measure the resistance between connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal</p> <p>(3I) No. 17 — Chassis ground:</p> <p>(3I) No. 18 — Chassis ground:</p> <p>(3I) No. 19 — Chassis ground:</p> <p>(3I) No. 20 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Replace side airbag sensor (RH). <Ref. to AB-21 Side Airbag Sensor.> When sensor replacement is not OK, replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

Q: TROUBLE CODE 52 S002630D64

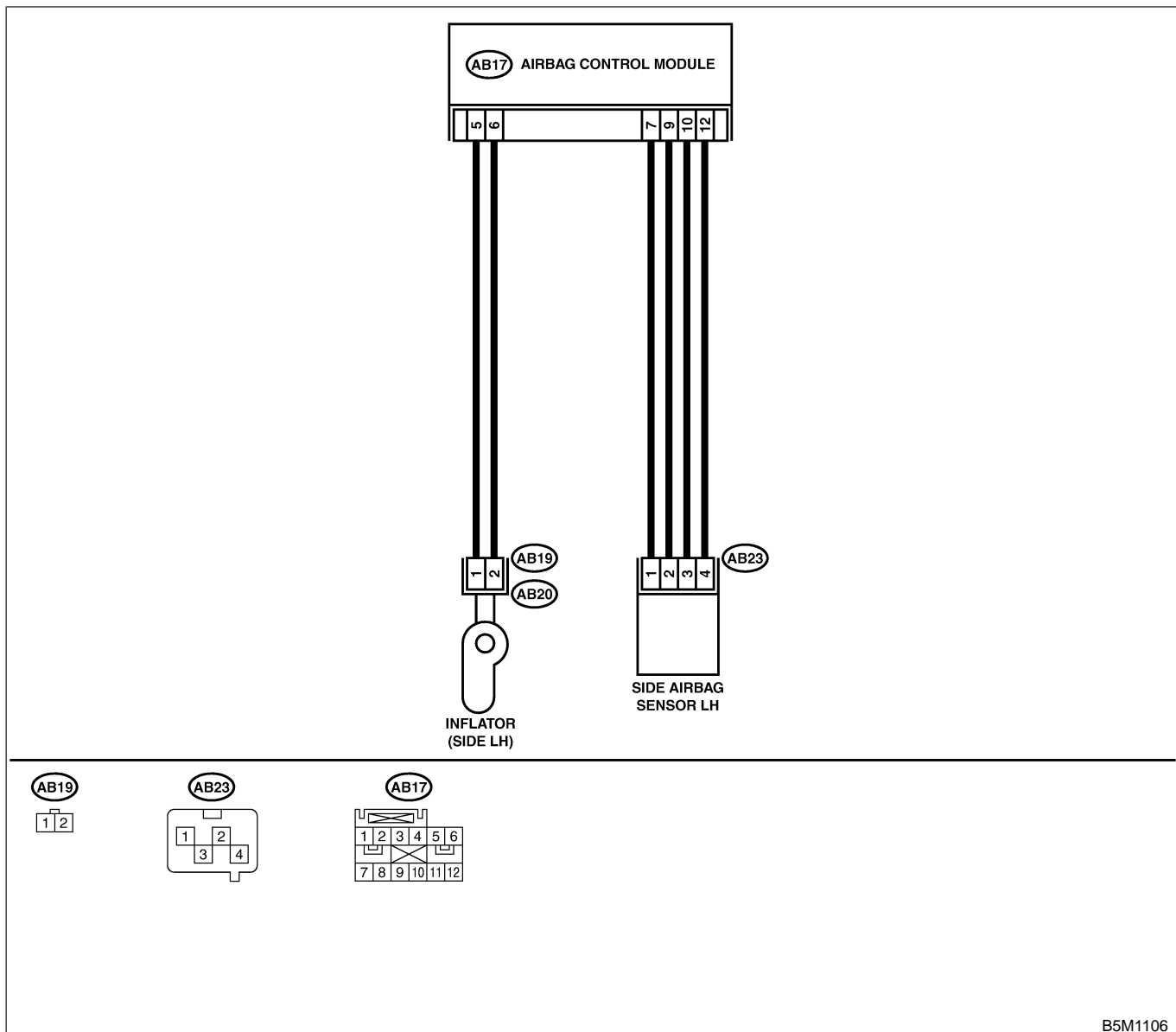
DIAGNOSIS:

- Side airbag sensor (LH) is faulty.
- Side airbag harness (LH) 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 driver's airbag module and passenger's airbag module connectors for safety reasons.
- When inspecting the side airbag harness, disconnect the side airbag module connector and seat belt pretensioner connector for the safety reasons.

WIRING DIAGRAM:



B5M1106

AB-63

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK SIDE AIRBAG HARNESS (LH).</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 (AB21) from the seat belt pretensioner (LH). <Ref. to SB-8 Front Seat Belt.></p> <p>3) Disconnect connector (AB20) from (AB19).</p> <p>4) Disconnect connector (AB17) from the airbag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Connect connector (1I) in test harness I2 to connector (AB17).</p> <p>6) Disconnect connector (AB23) from the side airbag sensor (LH), and connect connector (1G) in test harness G to connector (AB23).</p> <p>7) Measure the resistance between connector (3I) in test harness I2 and connector (3G) in test harness G.</p> <p>Connector & terminal</p> <p>(3I) No. 5 — (3G) No. 4:</p> <p>(3I) No. 14 — (3G) No. 5:</p> <p>(3I) No. 15 — (3G) No. 1:</p> <p>(3I) No. 16 — (3G) No. 2:</p>	Is the resistance less than 10 Ω?	Go to step 2.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
2	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>Measure the resistance between connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal</p> <p>(3I) No. 5 — Chassis ground:</p> <p>(3I) No. 14 — Chassis ground:</p> <p>(3I) No. 15 — Chassis ground:</p> <p>(3I) No. 16 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Replace side airbag sensor (LH). <Ref. to AB-21 Side Airbag Sensor.> When sensor replacement is not OK, replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>

R: TROUBLE CODE 53 S002630D69

DIAGNOSIS:

- Side airbag sensor (RH) is faulty.

When Code 53 is displayed, the circuit within the side airbag sensor (RH) is faulty. Replace the side airbag sensor (RH).

<Ref. to AB-21 Side Airbag Sensor.>

S: TROUBLE CODE 54 S002630D70

DIAGNOSIS:

- Side airbag sensor (LH) is faulty.

When Code 53 is displayed, the circuit within the side airbag sensor (LH) is faulty. Replace the side airbag sensor (LH).

<Ref. to AB-21 Side Airbag Sensor.>

T: TROUBLE CODE 55 S002630D73

This code is displayed when the side airbag is deployed.

When this code is displayed, the memory cannot be erased. Replace the following parts.

- Airbag control module. <Ref. to AB-20 Airbag Control Module.>
- Front seat with side airbag module. (Operating side) <Ref. to SE-6 Front Seat.>
- Side airbag sensor. (Operating side) <Ref. to AB-21 Side Airbag Sensor.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

U: TROUBLE CODE 61 S002630D75

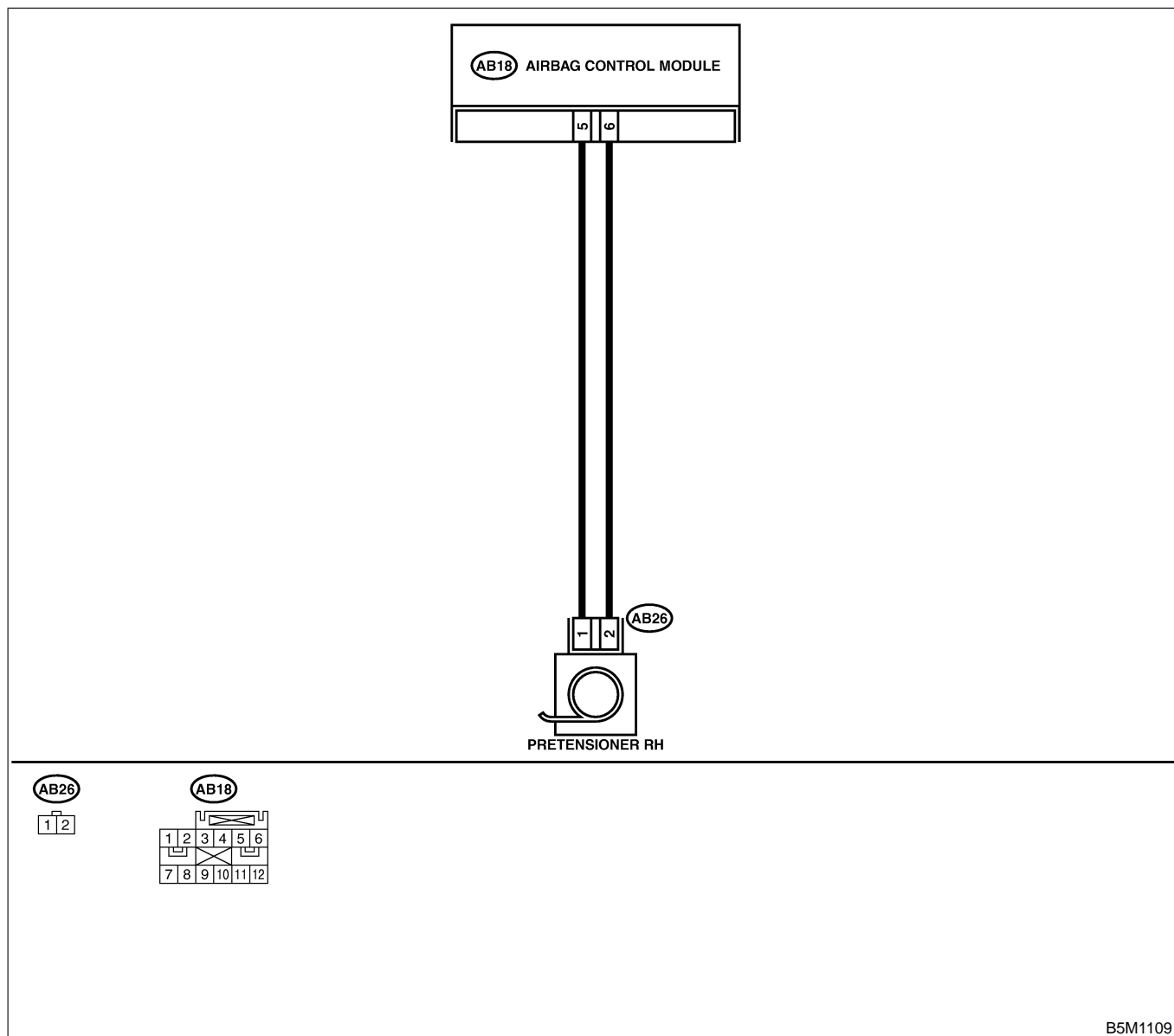
DIAGNOSIS:

- Seat belt pretensioner (RH) circuit is open, shorted or shorted to ground.
- Airbag control module is faulty.
- Pretensioner is faulty.
- Pretensioner harness 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 side airbag harness, disconnect the side airbag module connector and seat belt pretensioner connector for the safety reasons.

WIRING DIAGRAM:



AB-65

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK SEAT BELT PRETENSIONER.</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 (AB26) from the seat belt pretensioner (RH). <Ref. to SB-8 Front Seat Belt.></p> <p>3) Connect the connector (1F) in test harness F to (AB26).</p> <p>4) Connect the airbag resistor to connector (3F) in test harness F.</p> <p>5) Connect the battery ground cable and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace seat belt pretensioner (RH). <Ref. to SB-8 Front Seat Belt.>	Go to step 2.
2	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect the airbag resistor from the test harness.</p> <p>3) Disconnect the connector (AB25) from (AB24).</p> <p>4) Disconnect the connectors (AB17) and (AB18) from the airbag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Connect the connector (1I) in test harness I2 to connector (AB18).</p> <p>6) Measure the resistance between connector (3I) in test harness I2 and connector (3F) in test harness F.</p> <p>Connector & terminal (3I) No. 8 — (3F) No. 4: (3I) No. 6 — (3F) No. 3:</p>	Is the resistance less than 10 Ω?	Go to step 3.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
3	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>Measure the resistance of the connector (3I) in test harness I2.</p> <p>Connector & terminal (3I) No. 6 — No. 8:</p>	Is the resistance more than 1 MΩ?	Go to step 4.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
4	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>Measure the resistance between connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal (3I) No. 6 — Chassis ground: (3I) No. 8 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

V: TROUBLE CODE 62 S002630D79

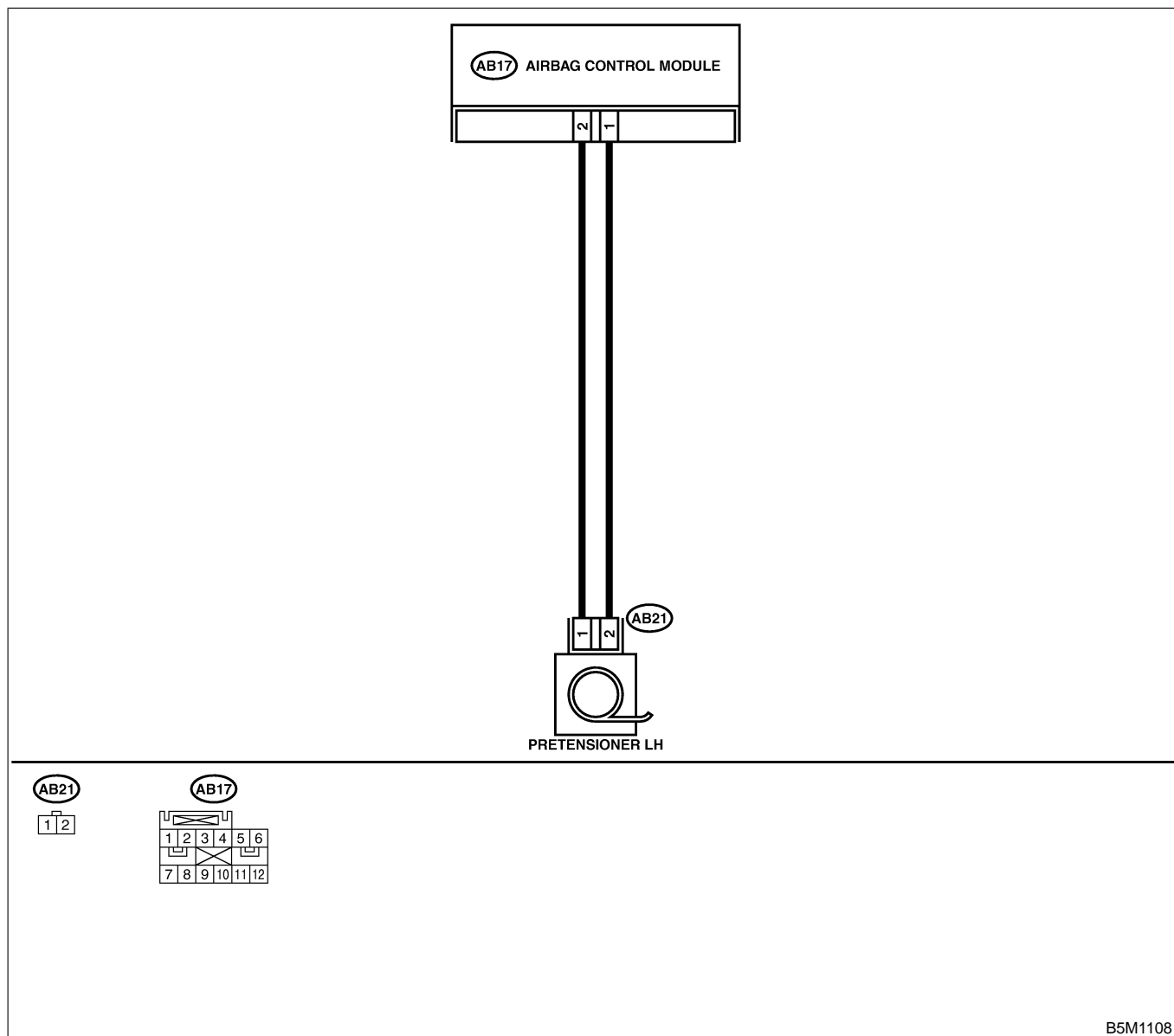
DIAGNOSIS:

- Seat belt pretensioner (LH) circuit is open, shorted or shorted to ground.
- Airbag control module is faulty.
- Pretensioner is faulty.
- Pretensioner harness 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 side airbag harness, disconnect the side airbag module connector and seat belt pretensioner connector for the safety reasons.

WIRING DIAGRAM:



AB-67

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK SEAT BELT PRETENSIONER.</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 (AB21) from the seatbelt pretensioner (LH). <Ref. to SB-8 Front Seat Belt.></p> <p>3) Connect the connector (1F) in test harness F to (AB21).</p> <p>4) Connect the airbag resistor to the connector (3F) in test harness F.</p> <p>5) Connect the battery ground cable and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace seat belt pretensioner (LH). <Ref. to SB-8 Front Seat Belt.>	Go to step 2.
2	<p>CHECK SIDE AIRBAG HARNESS (LH).</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect the airbag resistor from the test harness.</p> <p>3) Disconnect the connector (AB20) from (AB19).</p> <p>4) Disconnect the connectors (AB17) and (AB18) from the airbag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Connect the connector (1I) in test harness I2 to the connector (AB17).</p> <p>6) Measure the resistance between connector (3I) in test harness I2 and the connector (3F) in test harness F.</p> <p>Connector & terminal (3I) No. 11 — (3F) No. 4: (3I) No. 13 — (3F) No. 3:</p>	Is the resistance less than 10 Ω?	Go to step 3.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
3	<p>CHECK SIDE AIRBAG HARNESS (LH).</p> <p>Measure the resistance of the connector (3I) in test harness I2.</p> <p>Connector & terminal (3I) No. 11 — No. 13:</p>	Is the resistance more than 1 MΩ?	Go to step 4.	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>
4	<p>CHECK SIDE AIRBAG HARNESS (LH).</p> <p>Measure the resistance between the connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal (3I) No. 11 — Chassis ground: (3I) No. 13 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace side airbag harness. <Ref. to AB-19 Side Airbag Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

W: TROUBLE CODE 65 S002630D85

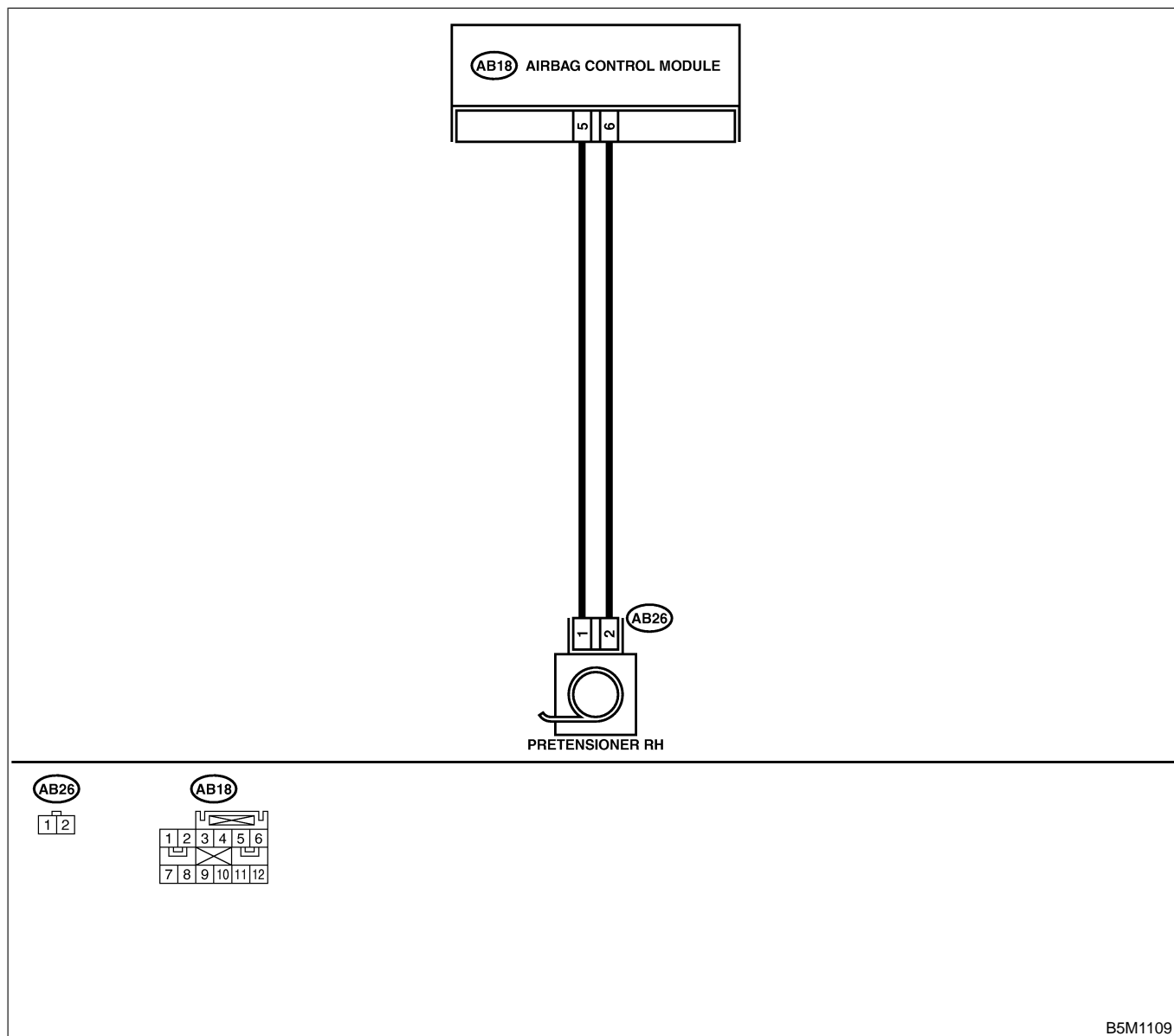
DIAGNOSIS:

- Seat belt pretensioner (RH) circuit is shorted to the power supply.
- Pretensioner is faulty.
- Pretensioner 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 side airbag harness, disconnect the side airbag module connector and seat belt pretensioner connector for the safety reasons.

WIRING DIAGRAM:



AB-69

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK SEAT BELT PRETENSIONER.</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 (AB26) from the seat belt pretensioner (RH). <Ref. to SB-8 Front Seat Belt.></p> <p>3) Connect the connector (1F) in test harness F to (AB26).</p> <p>4) Connect the airbag resistor to connector (3F) in test harness F.</p> <p>5) Connect the battery ground cable, and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace seat belt pretensioner (RH). <Ref. to SB-8 Front Seat Belt.>	Go to step 2.
2	<p>CHECK SIDE AIRBAG HARNESS (RH).</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect the airbag resistor from the test harness.</p> <p>3) Disconnect the connector (AB25) from (AB24).</p> <p>4) Disconnect the connectors (AB17) and (AB18) from the airbag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Connect the connector (1I) in test harness I2 to the connector (AB18).</p> <p>6) Connect the battery ground cable and turn the ignition switch ON.</p> <p>7) Measure the voltage between connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal</p> <p>(3I) No. 6 (+) — Chassis ground (-):</p> <p>(3I) No. 8 (+) — Chassis ground (-):</p>	Is the voltage less than 1 V?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace side airbag harness. <Ref. to AB-20 Airbag Control Module.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

X: TROUBLE CODE 66 S002630D06

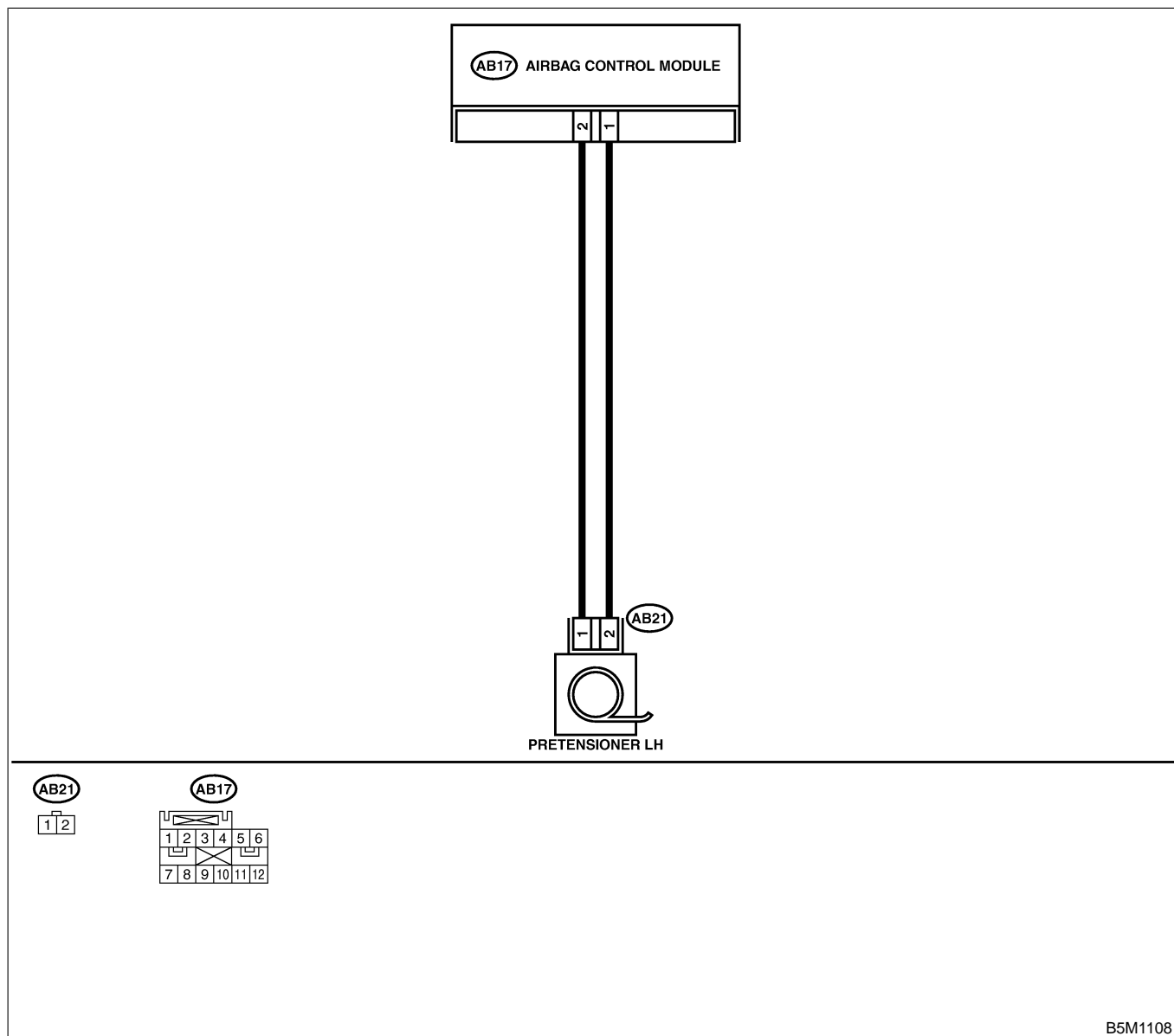
DIAGNOSIS:

- Seat belt pretensioner (LH) circuit is shorted to the power supply.
- Pretensioner is faulty.
- Pretensioner 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 the sensor, reconnect each part and confirm that the warning light operates properly.
- When inspecting the side airbag harness, disconnect the side airbag module connector and seat belt pretensioner connector for the safety reasons.

WIRING DIAGRAM:



AB-71

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK SEAT BELT PRETENSIONER.</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 (AB21) from the seat belt pretensioner (LH). <Ref. to SB-8 Front Seat Belt.></p> <p>3) Connect the connector (1F) in test harness F to (AB21).</p> <p>4) Connect the airbag resistor to the connector (3F) in test harness F.</p> <p>5) Connect the battery ground cable and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace seat belt pre-tensioner (LH). <Ref. to SB-8 Front Seat Belt.>	Go to step 2.
2	<p>CHECK SIDE AIRBAG HARNESS (LH).</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect the airbag resistor from the test harness.</p> <p>3) Disconnect the connector (AB20) from (AB19).</p> <p>4) Disconnect the connectors (AB17) and (AB18) from the airbag control module. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Connect the connector (1I) in test harness I2 to the connector (AB17).</p> <p>6) Connect the battery ground cable and turn the ignition switch ON.</p> <p>7) Measure the voltage between connector (3I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal</p> <p>(3I) No. 11 (+) — Chassis ground (-):</p> <p>(3I) No. 13 (+) — Chassis ground (-):</p>	Is the voltage less than 1 V?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace side airbag harness. <Ref. to AB-20 Airbag Control Module.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

Y: TROUBLE CODE 72 S002630G19

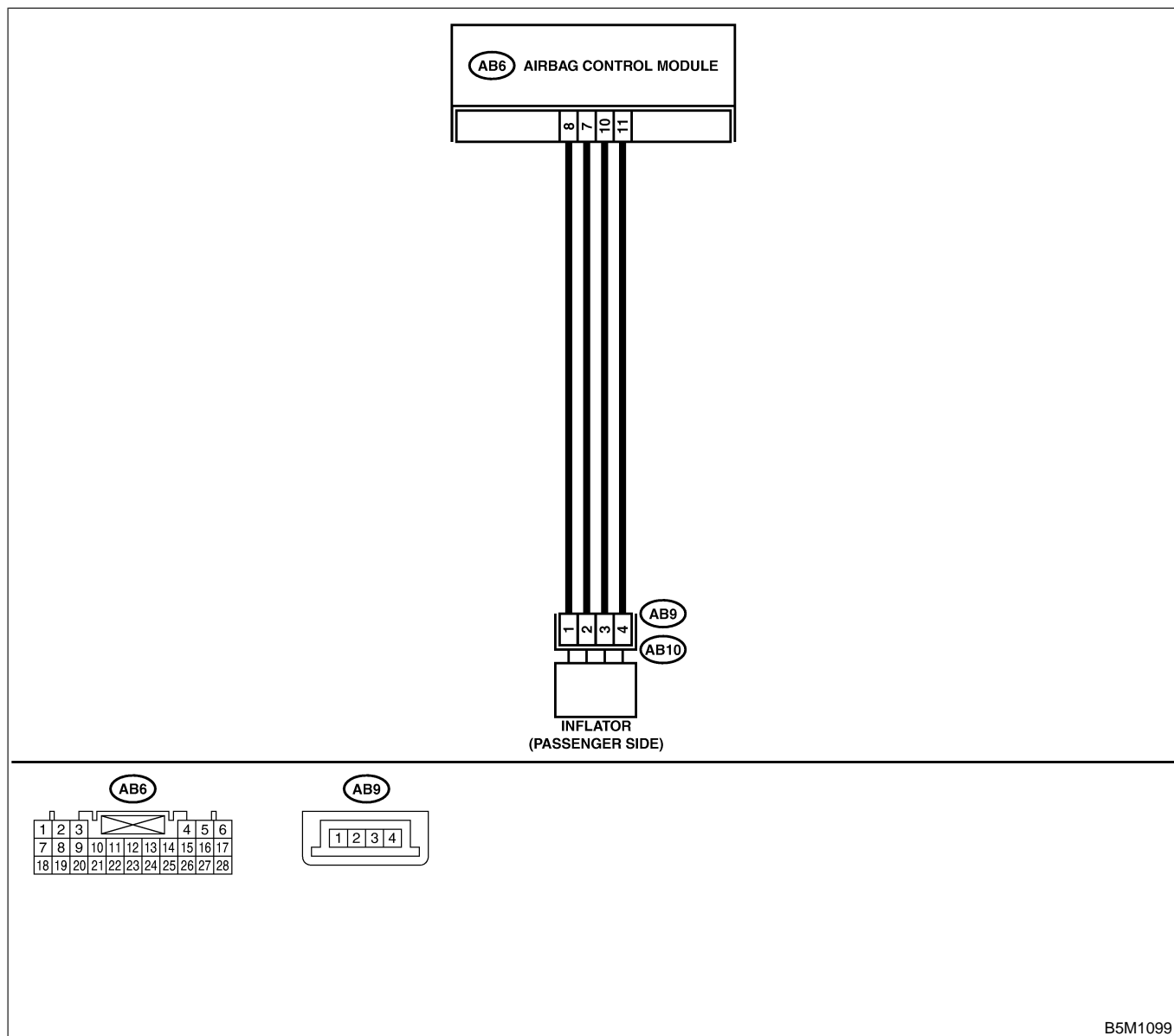
DIAGNOSIS:

- Airbag main harness circuit is open, shorted or shorted to ground.
- Airbag module harness (Passenger) circuit is open, shorted or shorted to ground.
- Passenger's airbag module 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 driver's airbag module and passenger's airbag module connectors for safety reasons.

WIRING DIAGRAM:



B5M1099

AB-73

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK PASSENGER'S AIRBAG MODULE.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Pull out the two stopper pins and lower the glove box.</p> <p>3) Disconnect the connector (AB10) from (AB9).</p> <p>4) Connect the connector (1K) in test harness K to connector (AB9).</p> <p>5) Connect two airbag resistors to connectors (3K) and (4K) in test harness K.</p> <p>6) Connect the battery ground cable and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace the passenger's airbag module. <Ref. to AB-14 Passenger's Airbag Module.>	Go to step 2.
2	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect two airbag resistors from the connectors (3K) and (4K) in test harness K.</p> <p>3) Remove the lower cover and disconnect the connector (AB3) from (AB8).</p> <p>4) Disconnect the connector (AB6) from the air bag control module, and connect the connector (1I) in test harness I2. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Measure the resistance between connector (2I) in test harness I2 and the connector (4K) in test harness K.</p> <p>Connector & terminal (6I) No. 2 — (4K) No. 3: (6I) No. 4 — (4K) No. 4:</p>	Is the resistance less than 10 Ω?	Go to step 3.	Replace airbag main harness. <Ref. to AB-18 Main Harness.>
3	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>Measure the resistance of the connector (2I) in test harness I2.</p> <p>Connector & terminal (6I) No. 2 — No. 4: (6I) No. 2 — Chassis ground: (6I) No. 4 — Chassis ground:</p>	Is the resistance more than 1 MΩ?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace airbag main harness. <Ref. to AB-18 Main Harness.>

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

Z: TROUBLE CODE 76 S002630G20

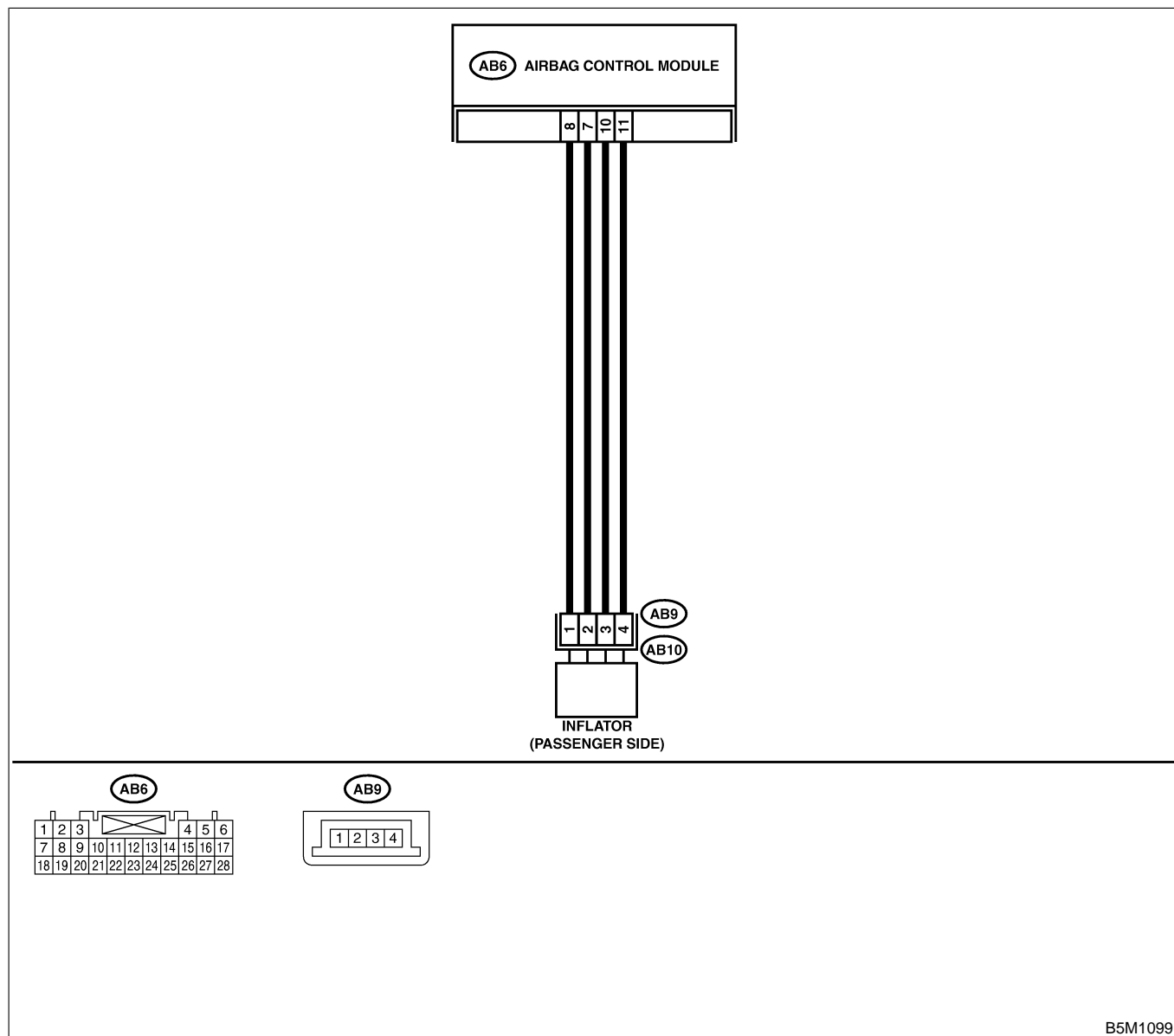
DIAGNOSIS:

- Airbag main harness circuit (Passenger) is shorted to the power supply.
- Airbag module harness (Passenger) is shorted to the power supply.
- Passenger's airbag module 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 driver's airbag module and passenger's airbag module connectors for safety reasons.

WIRING DIAGRAM:



AB-75

DIAGNOSTIC CHART WITH TROUBLE CODE

Airbag System (DIAGNOSTICS)

No.	Step	Check	Yes	No
1	<p>CHECK PASSENGER'S AIRBAG MODULE.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Pull out the two stopper pins and lower the glove box.</p> <p>3) Disconnect the connector (AB10) from (AB9)</p> <p>4) Connect the connector (1K) in test harness K to connector (AB9).</p> <p>5) Connect two airbag resistors to connectors (3K) and (4K) in test harness K.</p> <p>6) Connect the battery ground cable and turn the ignition switch ON.</p>	Does the airbag warning light operate properly?	Replace the passenger's airbag module. <Ref. to AB-14 Passenger's Airbag Module.>	Go to step 2.
2	<p>CHECK AIRBAG MAIN HARNESS.</p> <p>1) Turn the ignition switch OFF, disconnect the battery ground cable, and wait more than 20 seconds.</p> <p>2) Disconnect two airbag resistors from the connectors (3K) and (4K) in test harness K.</p> <p>3) Remove the lower cover and disconnect the connector (AB3) from (AB8).</p> <p>4) Disconnect the connector (AB6) from the airbag control module, and connect the connector (1I) in test harness I2. <Ref. to AB-20 Airbag Control Module.></p> <p>5) Measure the voltage between connector (2I) in test harness I2 and the chassis ground.</p> <p>Connector & terminal</p> <p>(6I) No. 2 (+) — Chassis ground (-):</p> <p>(6I) No. 4 (+) — Chassis ground (-):</p>	Is the voltage less than 1 V?	Replace the airbag control module. <Ref. to AB-20 Airbag Control Module.>	Replace airbag main harness. <Ref. to AB-18 Main Harness.>