

|                                                   |                           |                                                                                                    |
|---------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------|
| PURPOSE : CORRECTION                              | ISSUE NO. : MSB-07E52-502 | DATE : 2007-04-05                                                                                  |
| SUBJECT : CHECKING PROCEDURES FOR DIAGNOSIS CODES |                           | <MODEL><br>(EUR, Japanese Domestic Specification)<br>OUTLANDER (GS45X)(CW0W)<br><br><M/Y><br>06-07 |
| GROUP : INTERIOR {including AIR BAG (SRS)}        |                           |                                                                                                    |

## 1. Description:

The checking procedures for the diagnosis codes in SUPPLEMENTAL RESTRAINT SYSTEM (SRS) are corrected in the applicable Workshop Manuals. This Service Bulletin contains the modified procedures.

## 2. Applicable Manuals:

### <EUR>

| Manual                                | Pub. No.                 | Title (Info-ID)                                                                                                                                                                                                                                               | Attachment        |
|---------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 2007 OUTLANDER Workshop Manual CD-ROM | CGXE07E1-CD<br>(English) | Code No.B1B70 Malfunction of G-sensor Inside Left Front Impact Sensor<br>Code No.B1B71 Malfunction of G-sensor Inside Right Front Impact Sensor (M524-03-340-03400-01),                                                                                       | Attachment 1 – 10 |
|                                       | CGXF07E1-CD<br>(French)  | Code No.B1B72 Malfunction of G-sensor Inside Left Side Impact Sensor (Front)                                                                                                                                                                                  |                   |
|                                       | CGXG07E1-CD<br>(German)  | Code No.B1B75 Malfunction of G-sensor Inside Right Side Impact Sensor (Front) (M524-03-390-03900-01),                                                                                                                                                         |                   |
|                                       | CGXS07E1-CD<br>(Spanish) | Code No.B1B73 Malfunction of G-sensor Inside Left Side Impact Sensor (Rear)<br>Code No.B1B76 Malfunction of G-sensor Inside Right Side Impact Sensor (Rear) (M524-03-480-03500-01),<br>Code No.B1BC7:SRS-ECU (Record Data Full) System (M524-03-540-03000-01) |                   |

### <Japanese Domestic Specification>

| Manual                                | Pub. No.  | Title (Info-ID)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Attachment         |
|---------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 2006 OUTLANDER Workshop Manual CD-ROM | PWRE0503R | Code No.B1B70 Malfunction of G-sensor in Left Front Impact Sensor<br>Code No.B1B71 Malfunction of G-sensor in Right Front Impact Sensor (M524-03-340-02300-01),<br>Code No.B1B72 Malfunction of G-sensor in Left Side Impact Sensor (Front)<br>Code No.B1B75 Malfunction of G-sensor in Right Side Impact Sensor (Front) (M524-03-390-02800-01),<br>Code No.B1B73 Malfunction of G-sensor in Left Side Impact Sensor (Rear)<br>Code No.B1B76 Malfunction of G-sensor in Right Side Impact Sensor (Rear) (M524-03-480-02400-01),<br>Code No.B1BC7:SRS-ECU (Record Data Full) System (M524-03-540-02900-01) | Attachment 11 – 20 |

## 3. Corrected Specifications:

See Attachments 1 to 20.

### 3. Corrected Specifications:

See Attachments 1 to 20.

Attachment 1

M524-03-340-03400-01

CODE NO. B1B70 Malfunction of G-sensor inside left front impact sensor  
CODE NO. B1B71 Malfunction of G-sensor inside right front impact sensor

#### **CAUTION**

If the diagnosis code B1B70 or B1B71 is set to SRS-ECU, be sure to diagnose the CAN bus line.

#### **TROUBLE JUDGMENT**

- Analogue G-sensor in front impact sensor does not operate.
- Characteristics of analogue G-sensor in front impact sensor are abnormal.
- Output of analogue G-sensor in front impact sensor is abnormal.

#### **PROBABLE CAUSES**

- Malfunction of left front impact sensor (with code No. B1B70)
- Malfunction of right front impact sensor (with code No. B1B71)

#### **DIAGNOSIS PROCEDURE**

##### **STEP 1. M.U.T.-III CAN bus diagnostics.** (S1)

Use M.U.T.-III to diagnose the CAN bus lines.

##### **Q: Is the check result normal?**

**YES** : Go to Step 2.

**NO** : Repair the CAN bus line (Refer to GROUP 54C – Troubleshooting).

##### **STEP 2. Check whether the diagnosis code is reset.** (S2)

- (1) Connect the negative battery terminal.
- (2) After erasing the diagnosis code memory, check the diagnosis code again.
- (3) Disconnect the negative battery terminal.

##### **Q: Is the diagnosis code No. B1B70 or B1B71 set?**

**YES** : Go to Step 3.

**NO** : Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).

<Incorrect>

Insert the Attachment 3.

<Correct>

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M524-03-340-03400-01

**STEP 3. Front impact sensor check.** (S3)

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the right front impact sensor and left front impact sensor with the new parts.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B70 or B1B71 set?****YES :** Replace SRS-ECU.**NO :** Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).

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Insert the Attachment 3.

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M524-03-340-03400-01

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**STEP 2. Front impact sensor check.** {S2}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) A front impact sensor is checked in the following way.
  - Replace the front impact sensor (LH) with the front impact sensor (RH) {In case of code B1B70 (Regardless of "Active" or "Stored" faults)}.
  - Replace the front impact sensor (RH) with the front impact sensor (LH) {In case of code B1B71 (Regardless of "Active" or "Stored" faults)}.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B70 or B1B71 set?****YES :** Go to Step 3.**NO :** Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).**STEP 3. SRS-ECU check.** {S3}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the SRS-ECU with a new one.
- (3) Connect the negative battery terminal.
- (4) Check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B70 or B1B71 set?****YES :** Return to Step 1.**NO :** The procedure is complete.

TSB Revision

M524-03-390-03900-01

CODE NO. B1B72 Malfunction of G-sensor inside left side impact sensor (front)  
 CODE NO. B1B75 Malfunction of G-sensor inside right side impact sensor (front)

**⚠ CAUTION**

If the diagnosis code B1B72 or B1B75 is set to SRS-ECU, be sure to diagnose the CAN bus line.

**TROUBLE JUDGMENT**

- Analogue G-sensor for side impact does not operate.
- Characteristics of analogue G-sensor for side impact are abnormal.
- Output of analogue G-sensor for side impact is abnormal.

**PROBABLE CAUSES**

- Malfunction of left side impact sensor (with code No. B1B72)
- Malfunction of right side impact sensor (with code No. B1B75)

**DIAGNOSIS PROCEDURE****STEP 1. M.U.T.-III CAN bus diagnostics.** <sup>(S1)</sup>

Use M.U.T.-III to diagnose the CAN bus lines.

**Q: Is the check result normal?**

**YES** : Go to Step 2.

**NO** : Repair the CAN bus line (Refer to GROUP 54C – Troubleshooting).

**STEP 2. Check whether the diagnosis code is reset.** <sup>(S2)</sup>

- (1) Connect the negative battery terminal.
- (2) After erasing the diagnosis code memory, check the diagnosis code again.
- (3) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B72 or B1B75 set?**

**YES** : Go to Step 3.

**NO** : Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).

<Incorrect>

Insert the Attachment 6.

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M524-03-390-03900-01

**STEP 3. Side impact sensor check.** {53}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the right side impact sensor and left side impact sensor with the new parts.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B72 or B1B75 set?****YES :** Replace SRS-ECU.**NO :** Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).

&lt;Incorrect&gt;

Insert the Attachment 6.

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M524-03-390-03900-01

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**STEP 2. Side impact sensor check.** (S2)

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) A side impact sensor is checked in the following way.
  - Replace the left side impact sensor (front) {In case of code B1B72 (Regardless of "Active" or "Stored" faults)} with the new parts.
  - Replace the right side impact sensor (front) {In case of code B1B75 (Regardless of "Active" or "Stored" faults)} with the new parts.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B72 or B1B75 set?****YES :** Go to Step 3.**NO :** Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).**STEP 3. SRS-ECU check.** (S3)

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the SRS-ECU with a new one.
- (3) Connect the negative battery terminal.
- (4) Check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B72 or B1B75 set?****YES :** Return to Step 1.**NO :** The procedure is complete.

TSB Revision

M524-03-480-03500-01

CODE NO. B1B73 Malfunction of G-sensor inside left side impact sensor (rear)  
 CODE NO. B1B76 Malfunction of G-sensor inside right side impact sensor (rear)

**CAUTION**

If the diagnosis code B1B73 or B1B76 is set to SRS-ECU, be sure to diagnose the CAN bus line.

**TROUBLE JUDGMENT**

- Analogue G-sensor for side impact does not operate.
- Characteristics of analogue G-sensor for side impact are abnormal.
- Output of analogue G-sensor for side impact is abnormal.

**PROBABLE CAUSES**

- Malfunction of left side impact sensor (rear) (with code No. B1B73)
- Malfunction of right side impact sensor (rear) (with code No. B1B76)

**DIAGNOSIS PROCEDURE****STEP 1. M.U.T.-III CAN bus diagnostics.** (S1)

Use M.U.T.-III to diagnose the CAN bus lines.

**Q: Is the check result normal?**

**YES** : Go to Step 2.

**NO** : Repair the CAN bus line (Refer to GROUP 54C – Troubleshooting).

**STEP 2. Check whether the diagnosis code is reset.** (S2)

- (1) Connect the negative battery terminal.
- (2) After erasing the diagnosis code memory, check the diagnosis code again.
- (3) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B73 or B1B76 set?**

**YES** : Go to Step 2.

**NO** : Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).

<Incorrect>

Insert the Attachment 9.

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M524-03-480-03500-01

**STEP 3. Side impact sensor check.** <sup>(53)</sup>

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the right side impact sensor (rear) and left side impact sensor (rear) with the new parts.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B73 or B1B76 set?****YES :** Replace SRS-ECU.**NO :** Intermittent malfunction (Refer to GROUP 08 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).

&lt;Incorrect&gt;

Insert the Attachment 9.

&lt;Correct&gt;

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M524-03-480-03500-01

&lt;Correct&gt;

**STEP 2. Side impact sensor check.** {S2}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) A side impact sensor is checked in the following way.
  - Replace the left side impact sensor (rear) {In case of code B1B73 (Regardless of "Active" or "Stored" faults)} with the new parts.
  - Replace the right side impact sensor (rear) {In case of code B1B76 (Regardless of "Active" or "Stored" faults)} with the new parts.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B73 or B1B76 set?****YES :** Go to Step 3.**NO :** Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).**STEP 3. SRS-ECU check.** {S3}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the SRS-ECU with a new one.
- (3) Connect the negative battery terminal.
- (4) Check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B73 or B1B76 set?****YES :** Return to Step 1.**NO :** The procedure is complete.

TSB Revision

M524-03-540-03000-01

**CODE NO. B1BC7 SRS-ECU (record data full) system****⚠ CAUTION**

If the diagnosis code B1BC7 is set to SRS-ECU, be sure to diagnose the CAN bus line.

**OPERATION**

If SRS-ECU determines that a collision has occurred, it sends the ignition current to deploy the air bag. It stores the deployment status. If this code is set, SRS-ECU determines that the air bag has been deployed.

**TROUBLE JUDGMENT**

This code is set after the air bag deployment. If this code is set before the air bag is deployed, an internal failure may have occurred in SRS-ECU.

**PROBABLE CAUSES**

- Malfunction of SRS-ECU

**DIAGNOSIS PROCEDURE****STEP 1. M.U.T.-III CAN bus diagnostics.** (S1)

Use M.U.T.-III to diagnose the CAN bus lines.

**Q: Is the check result normal?**

**YES** : Go to Step 2.

**NO** : Repair the CAN bus line (Refer to GROUP 54C – Troubleshooting).

**STEP 2. Check whether the diagnosis code is reset.** (S2)

- (1) Connect the negative battery terminal. **<Deleted>**
- (2) ~~After erasing the diagnosis code memory,~~ check the diagnosis code again.
- (3) Disconnect the negative battery terminal.

**Q: ~~Is the diagnosis code No. B1BC7 set?~~** **<Incorrect>**

**YES** : Replace SRS-ECU.

**NO** : Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).

**Is the diagnosis code output regardless of “Active” or “Stored” faults?**

**<Correct>**

TSB Revision

M524-03-340-02300-01

CODE NO. B1B70 Malfunction of G sensor in left front impact sensor  
 CODE NO. B1B71 Malfunction of G sensor in right front impact sensor

**CAUTION**

If the diagnosis code B1B70 or B1B71 is set to SRS-ECU, be sure to diagnose the CAN bus line.

**TROUBLE JUDGMENT**

- Analogue G sensor in front impact sensor does not operate.
- Characteristics of analogue G sensor in front impact sensor are abnormal.
- Output of analogue G sensor in front impact sensor is abnormal.

**PROBABLE CAUSES**

- Malfunction of left front impact sensor (with code No. B1B70)
- Malfunction of right front impact sensor (with code No. B1B71)

**DIAGNOSTIC PROCEDURE****STEP 1. M.U.T.-III CAN bus diagnostics** {S1}

Use M.U.T.-III to diagnose the CAN bus lines.

**Q: Is the check result normal?**

**YES** : Go to Step 2.

**NO** : Repair the CAN bus line (Refer to GROUP 54C, Troubleshooting).

&lt;Incorrect&gt;

**STEP 2. Check whether the diagnosis code is reset.** {S2}

- (1) Connect the negative battery terminal.
- (2) After erasing the diagnosis code memory, check the diagnosis code again.
- (3) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B70 or B1B71 set?**

**YES** : Go to Step 3.

**NO** : Intermittent malfunction (Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction.)

Insert the Attachment 13.

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M524-03-340-02300-01

&lt;Incorrect&gt;

**STEP 3. Front impact sensor check (M.U.T.-III diagnosis code)** <sup>(S3)</sup>

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the right front impact sensor and left front impact sensor with the new parts.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B70 or B1B71 set?****YES :** Replace SRS-ECU.**NO :** Intermittent malfunction (Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction.)

Insert the Attachment 13.

&lt;Correct&gt;

&lt;Correct&gt;

**STEP 2. Front impact sensor check.** {S2}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) A front impact sensor is checked in the following way.
  - Replace the front impact sensor (LH) with the front impact sensor (RH) {In case of code B1B70 (Regardless of "Active" or "Stored" faults)}.
  - Replace the front impact sensor (RH) with the front impact sensor (LH) {In case of code B1B71 (Regardless of "Active" or "Stored" faults)}.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B70 or B1B71 set?****YES :** Go to Step 3.**NO :** Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).**STEP 3. SRS-ECU check.** {S3}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the SRS-ECU with a new one.
- (3) Connect the negative battery terminal.
- (4) Check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B70 or B1B71 set?****YES :** Return to Step 1.**NO :** The procedure is complete.

M524-03-390-02800-01

CODE NO. B1B72 Malfunction of G sensor in left side impact sensor (front)

CODE NO. B1B75 Malfunction of G sensor in right side impact sensor (front)

**CAUTION**

If the diagnosis code B1B72 or B1B75 is set to SRS-ECU, be sure to diagnose the CAN bus line.

**TROUBLE JUDGMENT**

- Analogue G sensor for side impact does not operate.
- Characteristics of analogue G sensor for side impact are abnormal.
- Output of analogue G sensor for side impact is abnormal.

**PROBABLE CAUSES**

- Malfunction of left side impact sensor (with code No. B1B72)
- Malfunction of right side impact sensor (with code No. B1B75)

**DIAGNOSTIC PROCEDURE****STEP 1. M.U.T.-III CAN bus diagnostics** {S1}

Use M.U.T.-III to diagnose the CAN bus lines.

**Q: Is the check result normal?**

**YES** : Go to Step 2.

**NO** : Repair the CAN bus line (Refer to GROUP 54C, Troubleshooting).

&lt;Incorrect&gt;

**STEP 2. Check whether the diagnosis code is reset.** {S2}

- (1) Connect the negative battery terminal.
- (2) After erasing the diagnosis code memory, check the diagnosis code again.
- (3) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B72 or B1B75 set?**

**YES** : Go to Step 2.

**NO** : Intermittent malfunction (Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction.)

Insert the Attachment 16.

&lt;Correct&gt;

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**STEP 3. Side impact sensor check (M.U.T.-III diagnosis code) <sup>(S3)</sup>**

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the right side impact sensor and left side impact sensor with the new parts.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B72 or B1B75 set?****YES :** Replace SRS-ECU.**NO :** Intermittent malfunction (Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction.)

Insert the Attachment 16.

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M524-03-390-02800-01

&lt;Correct&gt;

**STEP 2. Side impact sensor check.** {S2}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) A side impact sensor is checked in the following way.
  - Replace the left side impact sensor (front) {In case of code B1B72 (Regardless of "Active" or "Stored" faults)} with the new parts.
  - Replace the right side impact sensor (front) {In case of code B1B75 (Regardless of "Active" or "Stored" faults)} with the new parts.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B72 or B1B75 set?****YES :** Go to Step 3.**NO :** Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).**STEP 3. SRS-ECU check.** {S3}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the SRS-ECU with a new one.
- (3) Connect the negative battery terminal.
- (4) Check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B72 or B1B75 set?****YES :** Return to Step 1.**NO :** The procedure is complete.

TSB Revision

M524-03-480-02400-01

CODE NO. B1B73 Malfunction of G sensor in left side impact sensor (rear)  
 CODE NO. B1B76 Malfunction of G sensor in right side impact sensor (rear)

**⚠ CAUTION**

If the diagnosis code B1B73 or B1B76 is set to SRS-ECU, be sure to diagnose the CAN bus line.

**TROUBLE JUDGMENT**

- Analogue G sensor for side impact does not operate.
- Characteristics of analogue G sensor for side impact are abnormal.
- Output of analogue G sensor for side impact is abnormal.

**PROBABLE CAUSES**

- Malfunction of left side impact sensor (rear) (with code No. B1B73)
- Malfunction of right side impact sensor (rear) (with code No. B1B76)

**DIAGNOSTIC PROCEDURE****STEP 1. M.U.T.-III CAN bus diagnostics** (S1)

Use M.U.T.-III to diagnose the CAN bus lines.

**Q: Is the check result normal?**

**YES** : Go to Step 2.

**NO** : Repair the CAN bus line (Refer to GROUP 54C, Troubleshooting).

&lt;Incorrect&gt;

**STEP 2. Check whether the diagnosis code is reset.** (S2)

- (1) Connect the negative battery terminal.
- (2) After erasing the diagnosis code memory, check the diagnosis code again.
- (3) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B73 or B1B76 set?**

**YES** : Go to Step 3.

**NO** : Intermittent malfunction (Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction.)

Insert the Attachment 19.

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TSB Revision

M524-03-480-02400-01

&lt;Incorrect&gt;

**STEP 3. Side impact sensor check (M.U.T.-III diagnosis code) <sup>(53)</sup>**

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the right side impact sensor (rear) and left side impact sensor (rear) with the new parts.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B73 or B1B76 set?****YES :** Replace SRS-ECU.**NO :** Intermittent malfunction (Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction.)

Insert the Attachment 19.

&lt;Correct&gt;

TSB Revision

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**STEP 2. Side impact sensor check.** {§2}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) A side impact sensor is checked in the following way.
  - Replace the left side impact sensor (rear) {In case of code B1B73 (Regardless of "Active" or "Stored" faults)} with the new parts.
  - Replace the right side impact sensor (rear) {In case of code B1B76 (Regardless of "Active" or "Stored" faults)} with the new parts.
- (3) Connect the negative battery terminal.
- (4) After erasing the diagnosis code memory, check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B73 or B1B76 set?****YES :** Go to Step 3.**NO :** Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction).**STEP 3. SRS-ECU check.** {§3}

- (1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
- (2) Replace the SRS-ECU with a new one.
- (3) Connect the negative battery terminal.
- (4) Check the diagnosis code again.
- (5) Disconnect the negative battery terminal.

**Q: Is the diagnosis code No. B1B73 or B1B76 set?****YES :** Return to Step 1.**NO :** The procedure is complete.

M524-03-540-02900-01

**CODE NO. B1BC7 SRS-ECU (record data full) system****⚠ CAUTION**

If the diagnosis code B1BC7 is set to SRS-ECU, be sure to diagnose the CAN bus line.

**OPERATION**

If SRS-ECU determines that a collision has occurred, it sends the ignition current to deploy the air bag. It stores the deployment status. If this code is set, SRS-ECU determines that the air bag has been deployed.

**TROUBLE JUDGMENT**

This code is set after the air bag deployment. If this code is set before the air bag is deployed, an internal failure may have occurred in SRS-ECU.

**PROBABLE CAUSES**

- Malfunction of SRS-ECU

**DIAGNOSTIC PROCEDURE****STEP 1. M.U.T.-III CAN bus diagnostics <sup>{S1}</sup>**

Use M.U.T.-III to diagnose the CAN bus lines.

**Q: Is the check result normal?**

**YES** : Go to Step 2.

**NO** : Repair the CAN bus line (Refer to GROUP 54C, Troubleshooting).

**STEP 2. Check whether the diagnosis code is reset. <sup>{S2}</sup>**

(1) Connect the negative battery terminal.

(2) ~~After erasing the diagnosis code memory~~ check the diagnosis code again. **<Deleted>**

(3) Disconnect the negative battery terminal.

**Q: ~~Is the diagnosis code No. B1BC7 set?~~** **<Incorrect>**

**YES** : Replace SRS-ECU.

**NO** : Intermittent malfunction (Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunction.)

**Is the diagnosis code output regardless of “Active” or “Stored” faults?**

**<Correct>**

TSB Revision