

# SECTION **SRC**

## SRS AIRBAG CONTROL SYSTEM

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P

### CONTENTS

|  |  |
|--|--|
| <p><b>PRECAUTION</b> ..... 5</p> <p><b>PRECAUTIONS</b> ..... 5</p> <p style="padding-left: 20px;">Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER" .....5</p> <p style="padding-left: 20px;">Service .....5</p> <p style="padding-left: 20px;">Occupant Classification System Precaution .....6</p> <p><b>SYSTEM DESCRIPTION</b> ..... 7</p> <p><b>COMPONENT PARTS</b> ..... 7</p> <p style="padding-left: 20px;">Component Parts Location .....7</p> <p style="padding-left: 20px;">Component Description .....8</p> <p><b>SYSTEM</b> .....10</p> <p style="padding-left: 20px;">System Diagram .....10</p> <p style="padding-left: 20px;">System Description .....10</p> <p><b>DIAGNOSIS SYSTEM (AIR BAG)</b> .....12</p> <p style="padding-left: 20px;">Description .....12</p> <p style="padding-left: 20px;">On Board Diagnosis Function .....12</p> <p style="padding-left: 20px;">CONSULT Function .....16</p> <p><b>ECU DIAGNOSIS INFORMATION</b> .....18</p> <p><b>DIAGNOSIS SENSOR UNIT</b> .....18</p> <p style="padding-left: 20px;">DTC Index .....18</p> <p><b>WIRING DIAGRAM</b> .....22</p> <p><b>SRS AIR BAG SYSTEM</b> .....22</p> <p style="padding-left: 20px;">Wiring Diagram .....22</p> <p><b>BASIC INSPECTION</b> .....24</p> <p><b>DIAGNOSIS AND REPAIR WORK FLOW</b> .....24</p> <p style="padding-left: 20px;">Work Flow .....24</p> <p><b>DTC/CIRCUIT DIAGNOSIS</b> .....27</p> <p><b>U1000 CAN COMM CIRCUIT</b> .....27</p> | <p style="padding-left: 20px;">Description .....27</p> <p style="padding-left: 20px;">DTC Logic .....27</p> <p style="padding-left: 20px;">Diagnosis Procedure .....27</p> <p><b>U1010 CONTROL UNIT (CAN)</b> .....28</p> <p style="padding-left: 20px;">DTC Logic .....28</p> <p style="padding-left: 20px;">Diagnosis Procedure .....28</p> <p><b>B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT</b> .....29</p> <p style="padding-left: 20px;">DTC Logic .....29</p> <p style="padding-left: 20px;">Diagnosis Procedure .....29</p> <p><b>B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT</b> .....30</p> <p style="padding-left: 20px;">DTC Logic .....30</p> <p style="padding-left: 20px;">Diagnosis Procedure .....30</p> <p><b>B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT</b> .....31</p> <p style="padding-left: 20px;">DTC Logic .....31</p> <p style="padding-left: 20px;">Diagnosis Procedure .....31</p> <p><b>B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT</b> .....32</p> <p style="padding-left: 20px;">DTC Logic .....32</p> <p style="padding-left: 20px;">Diagnosis Procedure .....32</p> <p><b>B1018 OCCUPANT SYSTEM SENSOR</b> .....34</p> <p style="padding-left: 20px;">DTC Logic .....34</p> <p style="padding-left: 20px;">Diagnosis Procedure .....34</p> <p><b>B1022 OCCUPANT SYSTEM CONTROL UNIT</b> .....36</p> <p style="padding-left: 20px;">DTC Logic .....36</p> <p style="padding-left: 20px;">Diagnosis Procedure .....36</p> <p><b>B1023 PASSENGER AIR BAG OFF INDICATOR</b> .....38</p> <p style="padding-left: 20px;">DTC Logic .....38</p> <p style="padding-left: 20px;">Diagnosis Procedure .....38</p> |
|--|--|

SRC

|   |    |   |    |
|---|----|---|----|
| <b>B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR</b> .....                     | 40 | Diagnosis Procedure .....   | 63 |
| DTC Logic .....   | 40 | <b>B1067, B1072 PASSENGER AIR BAG MODULE</b> .....                          | 65 |
| Diagnosis Procedure .....   | 40 | DTC Logic .....   | 65 |
| <b>B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT</b> ..... | 42 | Diagnosis Procedure .....   | 65 |
| DTC Logic .....   | 42 | <b>B1068, B1073 PASSENGER AIR BAG MODULE</b> .....                          | 67 |
| Diagnosis Procedure .....   | 42 | DTC Logic .....   | 67 |
| <b>B1033, B1034 CRASH ZONE SENSOR</b> .....                                 | 43 | Diagnosis Procedure .....   | 67 |
| DTC Logic .....   | 43 | <b>B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT</b> ..... | 69 |
| Diagnosis Procedure .....   | 43 | DTC Logic .....   | 69 |
| <b>B1035 CRASH ZONE SENSOR</b> .....  | 45 | Diagnosis Procedure .....   | 69 |
| DTC Logic .....   | 45 | <b>B1080, B1096 DRIVER AIR BAG MODULE</b> ....                              | 70 |
| Diagnosis Procedure .....   | 45 | DTC Logic .....   | 70 |
| <b>B1036 CRASH ZONE SENSOR</b> .....  | 47 | Diagnosis Procedure .....   | 70 |
| DTC Logic .....   | 47 | <b>B1081 SEAT BELT PRE-TENSIONER RH</b> .....                               | 72 |
| Diagnosis Procedure .....   | 47 | DTC Logic .....   | 72 |
| <b>B1037, B1039, B1041 CRASH ZONE SENSOR</b> .....                          | 49 | Diagnosis Procedure .....   | 72 |
| DTC Logic .....   | 49 | <b>B1082 SEAT BELT PRE-TENSIONER RH</b> .....                               | 74 |
| Diagnosis Procedure .....   | 49 | DTC Logic .....   | 74 |
| <b>B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT</b> ..... | 51 | Diagnosis Procedure .....   | 74 |
| DTC Logic .....   | 51 | <b>B1083 SEAT BELT PRE-TENSIONER RH</b> .....                               | 76 |
| Diagnosis Procedure .....   | 51 | DTC Logic .....   | 76 |
| <b>B1049, B1054 DRIVER AIR BAG MODULE</b> ....                              | 52 | Diagnosis Procedure .....   | 76 |
| DTC Logic .....   | 52 | <b>B1084 SEAT BELT PRE-TENSIONER RH</b> .....                               | 78 |
| Diagnosis Procedure .....   | 52 | DTC Logic .....   | 78 |
| <b>B1050, B1055 DRIVER AIR BAG MODULE</b> ....                              | 54 | Diagnosis Procedure .....   | 78 |
| DTC Logic .....   | 54 | <b>B1086 SEAT BELT PRE-TENSIONER LH</b> .....                               | 80 |
| Diagnosis Procedure .....   | 54 | DTC Logic .....   | 80 |
| <b>B1051, B1056 DRIVER AIR BAG MODULE</b> ....                              | 56 | Diagnosis Procedure .....   | 80 |
| DTC Logic .....   | 56 | <b>B1087 SEAT BELT PRE-TENSIONER LH</b> .....                               | 82 |
| Diagnosis Procedure .....   | 56 | DTC Logic .....   | 82 |
| <b>B1052, B1057 DRIVER AIR BAG MODULE</b> ....                              | 58 | Diagnosis Procedure .....   | 82 |
| DTC Logic .....   | 58 | <b>B1088 SEAT BELT PRE-TENSIONER LH</b> .....                               | 84 |
| Diagnosis Procedure .....   | 58 | DTC Logic .....   | 84 |
| <b>B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT</b> ..... | 60 | Diagnosis Procedure .....   | 84 |
| DTC Logic .....   | 60 | <b>B1089 SEAT BELT PRE-TENSIONER LH</b> .....                               | 86 |
| Diagnosis Procedure .....   | 60 | DTC Logic .....   | 86 |
| <b>B1065, B1070 PASSENGER AIR BAG MODULE</b> .....                          | 61 | Diagnosis Procedure .....   | 86 |
| DTC Logic .....   | 61 | <b>B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT</b> ..... | 88 |
| Diagnosis Procedure .....   | 61 | DTC Logic .....   | 88 |
| <b>B1066, B1071 PASSENGER AIR BAG MODULE</b> .....                          | 63 | Diagnosis Procedure .....   | 88 |
| DTC Logic .....   | 63 | <b>B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT</b> ..... | 89 |
|   |    | DTC Logic .....   | 89 |
|   |    | Diagnosis Procedure .....   | 89 |

|   |            |   |                                    |            |          |
|---|------------|---|------------------------------------|------------|----------|
| <b>B1113, B1114 SATELLITE SENSOR RH</b> .....   | <b>90</b>  | <b>B1138, B1139, B1140, B1141, B1142, B1143</b> | <b>DIAGNOSIS SENSOR UNIT</b> ..... | <b>119</b> | <b>A</b> |
| DTC Logic .....                                 | 90         |   | DTC Logic .....                    | 119        |          |
| Diagnosis Procedure .....                       | 90         |   | Diagnosis Procedure .....          | 119        |          |
| <b>B1115 SATELLITE SENSOR RH</b> .....          | <b>92</b>  | <b>B1144 DIAGNOSIS SENSOR UNIT</b> .....        | <b>120</b>                         | <b>B</b>   |          |
| DTC Logic .....                                 | 92         |   | DTC Logic .....                    | 120        |          |
| Diagnosis Procedure .....                       | 92         |   | Diagnosis Procedure .....          | 120        |          |
| <b>B1116 SATELLITE SENSOR RH</b> .....          | <b>94</b>  | <b>B1145 CURTAIN AIR BAG MODULE RH</b> .....    | <b>121</b>                         | <b>C</b>   |          |
| DTC Logic .....                                 | 94         |   | DTC Logic .....                    | 121        |          |
| Diagnosis Procedure .....                       | 94         |   | Diagnosis Procedure .....          | 121        |          |
| <b>B1118, B1119 SATELLITE SENSOR LH</b> .....   | <b>96</b>  | <b>B1146 CURTAIN AIR BAG MODULE RH</b> .....    | <b>123</b>                         | <b>D</b>   |          |
| DTC Logic .....                                 | 96         |   | DTC Logic .....                    | 123        |          |
| Diagnosis Procedure .....                       | 96         |   | Diagnosis Procedure .....          | 123        |          |
| <b>B1120 SATELLITE SENSOR LH</b> .....          | <b>98</b>  | <b>B1147 CURTAIN AIR BAG MODULE RH</b> .....    | <b>125</b>                         | <b>E</b>   |          |
| DTC Logic .....                                 | 98         |   | DTC Logic .....                    | 125        |          |
| Diagnosis Procedure .....                       | 98         |   | Diagnosis Procedure .....          | 125        |          |
| <b>B1121 SATELLITE SENSOR LH</b> .....          | <b>100</b> | <b>B1148 CURTAIN AIR BAG MODULE RH</b> .....    | <b>127</b>                         | <b>F</b>   |          |
| DTC Logic .....                                 | 100        |   | DTC Logic .....                    | 127        |          |
| Diagnosis Procedure .....                       | 100        |   | Diagnosis Procedure .....          | 127        |          |
| <b>B1122, B1123, B1124, B1125, B1126, B1127</b> |            | <b>B1150 CURTAIN AIR BAG MODULE LH</b> .....    | <b>129</b>                         | <b>G</b>   |          |
| <b>DIAGNOSIS SENSOR UNIT</b> .....              | <b>102</b> |   | DTC Logic .....                    | 129        |          |
| DTC Logic .....                                 | 102        |   | Diagnosis Procedure .....          | 129        |          |
| Diagnosis Procedure .....                       | 102        | <b>B1151 CURTAIN AIR BAG MODULE LH</b> .....    | <b>131</b>                         | <b>I</b>   |          |
| <b>B1129 SIDE AIR BAG MODULE RH</b> .....       | <b>103</b> |   | DTC Logic .....                    | 131        |          |
| DTC Logic .....                                 | 103        |   | Diagnosis Procedure .....          | 131        |          |
| Diagnosis Procedure .....                       | 103        | <b>B1152 CURTAIN AIR BAG MODULE LH</b> .....    | <b>133</b>                         | <b>J</b>   |          |
| <b>B1130 SIDE AIR BAG MODULE RH</b> .....       | <b>105</b> |   | DTC Logic .....                    | 133        |          |
| DTC Logic .....                                 | 105        |   | Diagnosis Procedure .....          | 133        |          |
| Diagnosis Procedure .....                       | 105        | <b>B1153 CURTAIN AIR BAG MODULE LH</b> .....    | <b>135</b>                         | <b>K</b>   |          |
| <b>B1131 SIDE AIR BAG MODULE RH</b> .....       | <b>107</b> |   | DTC Logic .....                    | 135        |          |
| DTC Logic .....                                 | 107        |   | Diagnosis Procedure .....          | 135        |          |
| Diagnosis Procedure .....                       | 107        | <b>B1154, B1155, B1156, B1157, B1158, B1159</b> | <b>DIAGNOSIS SENSOR UNIT</b> ..... | <b>137</b> | <b>L</b> |
| <b>B1132 SIDE AIR BAG MODULE RH</b> .....       | <b>109</b> |   | DTC Logic .....                    | 137        |          |
| DTC Logic .....                                 | 109        |   | Diagnosis Procedure .....          | 137        |          |
| Diagnosis Procedure .....                       | 109        | <b>B1170, B1171, B1172, B1173, B1174, B1175</b> | <b>DIAGNOSIS SENSOR UNIT</b> ..... | <b>138</b> | <b>M</b> |
| <b>B1134 SIDE AIR BAG MODULE LH</b> .....       | <b>111</b> |   | DTC Logic .....                    | 138        |          |
| DTC Logic .....                                 | 111        |   | Diagnosis Procedure .....          | 138        |          |
| Diagnosis Procedure .....                       | 111        | <b>B1182 LAP PRE-TENSIONER LH</b> .....         | <b>139</b>                         | <b>N</b>   |          |
| <b>B1135 SIDE AIR BAG MODULE LH</b> .....       | <b>113</b> |   | DTC Logic .....                    | 139        |          |
| DTC Logic .....                                 | 113        |   | Diagnosis Procedure .....          | 139        |          |
| Diagnosis Procedure .....                       | 113        | <b>B1183 LAP PRE-TENSIONER LH</b> .....         | <b>141</b>                         | <b>O</b>   |          |
| <b>B1136 SIDE AIR BAG MODULE LH</b> .....       | <b>115</b> |   | DTC Logic .....                    | 141        |          |
| DTC Logic .....                                 | 115        |   | Diagnosis Procedure .....          | 141        |          |
| Diagnosis Procedure .....                       | 115        | <b>B1184 LAP PRE-TENSIONER LH</b> .....         | <b>143</b>                         | <b>P</b>   |          |
| <b>B1137 SIDE AIR BAG MODULE LH</b> .....       | <b>117</b> |   | DTC Logic .....                    | 143        |          |
| DTC Logic .....                                 | 117        |   | Diagnosis Procedure .....          | 143        |          |
| Diagnosis Procedure .....                       | 117        |   |                                    |            |          |

|   |     |   |     |
|---|-----|---|-----|
| <b>B1185 LAP PRE-TENSIONER LH</b> .....         | 145 | DTC Logic .....                               | 157 |
| DTC Logic .....                                 | 145 | Diagnosis Procedure .....                     | 157 |
| Diagnosis Procedure .....                       | 145 |   |     |
| <b>B1186, B1187, B1188, B1189, B1190, B1191</b> |     | <b>B1336, B1337 SATELLITE SENSOR RH</b> ..... | 158 |
| <b>DIAGNOSIS SENSOR UNIT</b> .....              | 147 | DTC Logic .....                               | 158 |
| DTC Logic .....                                 | 147 | Diagnosis Procedure .....                     | 158 |
| Diagnosis Procedure .....                       | 147 |   |     |
| <b>B1202, B1203, B1204, B1205, B1206, B1207</b> |     | <b>B1338, B1340, B1341, B1342 SATELLITE</b>   |     |
| <b>DIAGNOSIS SENSOR UNIT</b> .....              | 148 | <b>SENSOR RH</b> .....                        | 160 |
| DTC Logic .....                                 | 148 | DTC Logic .....                               | 160 |
| Diagnosis Procedure .....                       | 148 | Diagnosis Procedure .....                     | 160 |
| <b>B1209 FRONTAL COLLISION DETECTION</b> .      | 149 |   |     |
| Description .....                               | 149 | <b>B1339 SATELLITE SENSOR RH</b> .....        | 162 |
| DTC Logic .....                                 | 149 | DTC Logic .....                               | 162 |
| Diagnosis Procedure .....                       | 149 | Diagnosis Procedure .....                     | 162 |
| <b>B1210 SIDE COLLISION DETECTION</b> .....     | 150 | <b>B1343, B1344 SATELLITE SENSOR LH</b> ..... | 163 |
| Description .....                               | 150 | DTC Logic .....                               | 163 |
| DTC Logic .....                                 | 150 | Diagnosis Procedure .....                     | 163 |
| Diagnosis Procedure .....                       | 150 |   |     |
| <b>B1212, B1213, B1214 SATELLITE SENSOR</b>     |     | <b>B1345, B1347, B1348, B1349 SATELLITE</b>   |     |
| <b>RH</b> .....                                 | 151 | <b>SENSOR LH</b> .....                        | 165 |
| DTC Logic .....                                 | 151 | DTC Logic .....                               | 165 |
| Diagnosis Procedure .....                       | 151 | Diagnosis Procedure .....                     | 165 |
| <b>B1215, B1216, B1217 SATELLITE SENSOR</b>     |     | <b>B1346 SATELLITE SENSOR LH</b> .....        | 167 |
| <b>LH</b> .....                                 | 153 | DTC Logic .....                               | 167 |
| DTC Logic .....                                 | 153 | Diagnosis Procedure .....                     | 167 |
| Diagnosis Procedure .....                       | 153 |   |     |
| <b>B1218, B1219, B1220, B1221, B1222, B1223</b> |     | <b>B1350 SATELLITE SENSOR</b> .....           | 168 |
| <b>DIAGNOSIS SENSOR UNIT</b> .....              | 155 | DTC Logic .....                               | 168 |
| DTC Logic .....                                 | 155 | Diagnosis Procedure .....                     | 168 |
| Diagnosis Procedure .....                       | 155 |   |     |
| <b>B1234, B1235, B1236, B1237, B1238, B1239</b> |     | <b>SYMPTOM DIAGNOSIS</b> .....                | 169 |
| <b>DIAGNOSIS SENSOR UNIT</b> .....              | 156 |   |     |
| DTC Logic .....                                 | 156 | <b>SRS AIR BAG WARNING LAMP DOES NOT</b>      |     |
| Diagnosis Procedure .....                       | 156 | <b>TURN OFF</b> .....                         | 169 |
|   |     | Diagnosis Procedure .....                     | 169 |
| <b>B1250, B1251, B1252, B1253, B1254, B1255</b> |     | <b>SRS AIR BAG WARNING LAMP DOES NOT</b>      |     |
| <b>DIAGNOSIS SENSOR UNIT</b> .....              | 157 | <b>TURN ON</b> .....                          | 170 |
|   |     | Diagnosis Procedure .....                     | 170 |
|   |     | <b>SRS AIR BAG WARNING LAMP BLINKS</b> .....  | 171 |
|   |     | Diagnosis Procedure .....                     | 171 |

# PRECAUTIONS

< PRECAUTION >

## PRECAUTION

### PRECAUTIONS

#### Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:000000008142418

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

#### **WARNING:**

**Always observe the following items for preventing accidental activation.**

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.**
- **Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".**
- **Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**

#### PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

#### **WARNING:**

**Always observe the following items for preventing accidental activation.**

- **When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.**
- **When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the 12V battery, and wait at least 3 minutes before performing any service.**

#### Service

INFOID:000000008142419

- Never use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect 12V battery negative terminal and wait 3 minutes or more.  
For approximately 3 minutes after the cables are removed, it is still possible for the air bag and seat belt pretensioner to deploy. Therefore, never work on any SRS connectors or wires until at least 3 minutes have passed.
- Diagnosis sensor unit must always be installed with their arrow marks "←" pointing towards the front of the vehicle for proper operation. Also check diagnosis sensor unit for cracks, deformities or rust before installation and replace as required.
- The spiral cable must be aligned with the neutral position since its rotations are limited. Never turn steering wheel and column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and seat mounted front side air bag module standing with the stud bolt side facing down.
- Conduct self-diagnosis to check entire SRS for proper function after replacing any components.
- After air bag inflates, the front instrument panel assembly should be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.
- Never solder the harness when making repairs. Check that harness is not pinched and that there is no contact with other components.
- Never allow harness to come in contact with oil, grease, waste oil, or water.
- Never insert foreign materials, such as a screwdriver, into the harness connector. (This is to prevent accidental activation caused by static electricity.)
- Always use CONSULT or SRS air bag warning lamp to perform the circuit diagnosis. (Never use an electric tester such as a circuit tester.)

# PRECAUTIONS

## < PRECAUTION >

---

- Never enter in the deployment area of the pop-up roll bar. Never put an object in the deployment area of the pop-up roll bar. (This is to prevent injury in case of an unintentional deployment.)
- When handling a pop-up roll bar, always grip the frame and handle carefully.
- Never reuse a pop-up roll bar that has previously deployed.
- Modification of the pop-up roll bar may cause unintentional deployment or a malfunction. Never disassemble or modify the pop-up roll bar.
- Never allow the pop-up roll bar to be impacted (by dropping or otherwise). Always replace the pop-up roll bar if impacted.
- When repairing the surrounding area of the pop-up roll bar, be careful not to apply excessive heat when welding or otherwise. Remove the pop-up roll bar in advance, if necessary. Be careful when modifying the mounting area or installing other parts because an incorrect procedure may cause damage or a malfunction.
- Never disassemble the pop-up roll bar.
- Never expose the pop-up roll bar to temperatures exceeding 90 °C (194 °F).
- Never allow oil, grease, detergent, or water to come in contact with the pop-up roll bar.

## Occupant Classification System Precaution

INFOID:000000008142420

- Replace occupant classification system control unit and passenger front seat cushion as an assembly. Refer to [SE-87, "SEAT CUSHION : Disassembly and Assembly"](#).

# COMPONENT PARTS

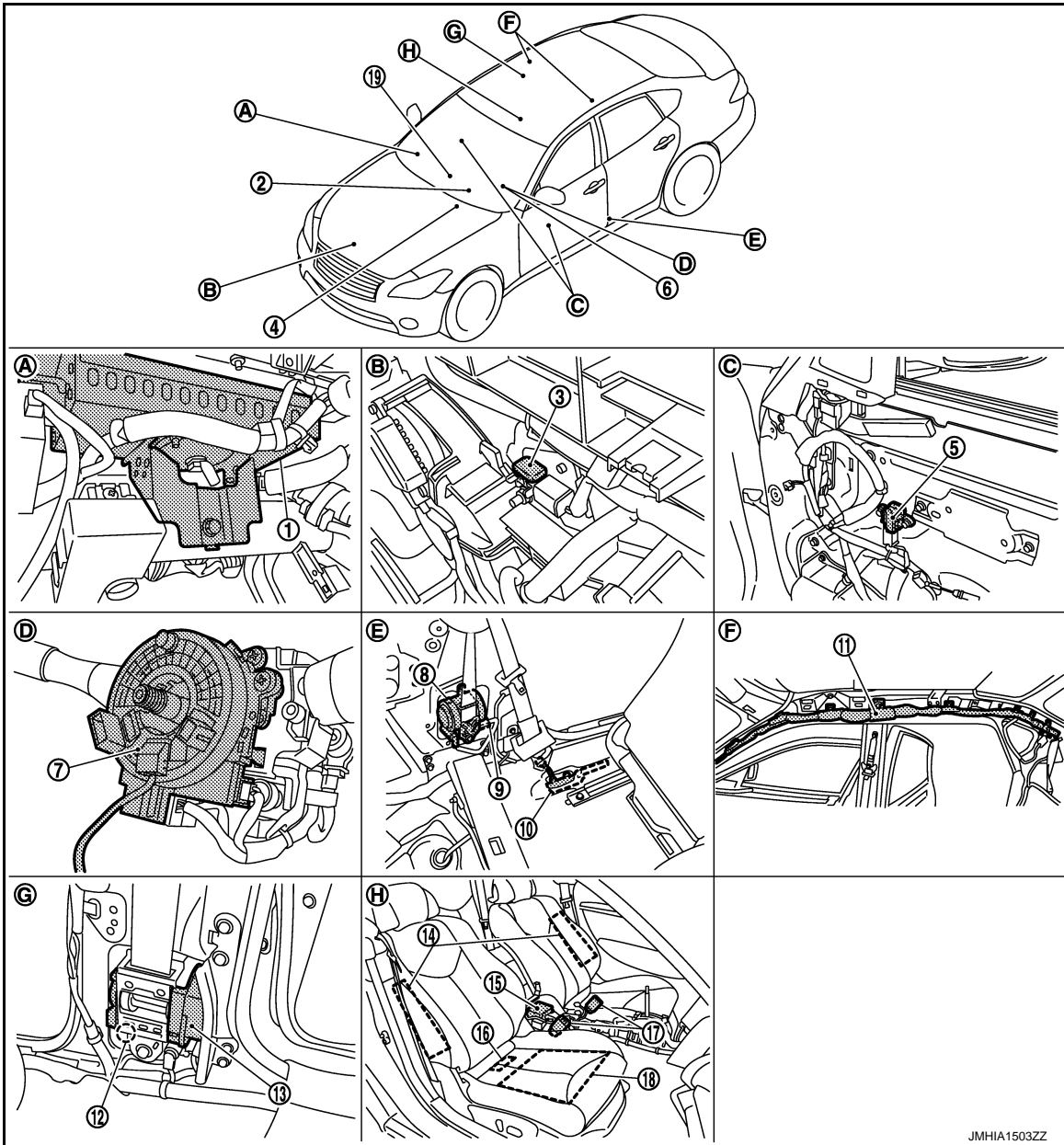
< SYSTEM DESCRIPTION >

## SYSTEM DESCRIPTION

### COMPONENT PARTS

#### Component Parts Location

INFOID:000000008142421



- |   |  |   |
|---|--|---|
| 1. Passenger air bag module   | 2. Combination meter<br>Refer to <a href="#">MWI-6. "METER SYSTEM: Component Parts Location"</a> . | 3. Crash zone sensor                      |
| 4. BCM<br>Refer to <a href="#">BCS-4. "BODY CONTROL SYSTEM: Component Parts Location"</a> . | 5. Front door satellite sensor LH/RH   | 6. Driver air bag module                  |
| 7. Combination switch (spiral cable)  | 8. Seat belt pre-tensioner LH  | 9. Satellite sensor LH                    |
| 10. Lap pre-tensioner LH  | 11. Curtain air bag module LH/RH   | 12. Satellite sensor RH                   |
| 13. Seat belt pre-tensioner RH  | 14. Side air bag module LH/RH  | 15. Air bag diagnosis sensor unit         |
| 16. Occupant classification system control unit   | 17. Seat belt buckle switch LH/RH  | 18. Occupant classification system sensor |

# COMPONENT PARTS

## < SYSTEM DESCRIPTION >

19. Multifunction switch (passenger air bag off indicator)
- |                                     |  |  |
|-------------------------------------|--|--|
| A. View with glove box removed      | B. Radiator core support assembly            | C. View with door finisher removed       |
| D. View with steering wheel removed | E. Behind rear side finisher                 | F. View with headlining assembly removed |
| G. Behind rear side finisher        | H. View with center console assembly removed |  |

## Component Description

INFOID:000000008142422

| Component                                   | Function   |
|---|--|
| Air bag diagnosis sensor unit               | <ul style="list-style-type: none"> <li>• Detects a collision and supplies power supply for deployment to air bag module and pre-tensioner seat belt.</li> <li>• It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.</li> </ul>  |
| BCM   | Receive the collision detection signal when air bag diagnosis sensor unit detects collision.   |
| Combination meter (air bag warning lamp)    | Indicates air bag malfunctioning and deployment by blinking and illuminating air bag warning lamp.   |
| Combination switch (spiral cable)           | Supplies power supply to driver air bag module on steering wheel.  |
| Crash zone sensor                           | <ul style="list-style-type: none"> <li>• Transmits signal to air bag diagnosis sensor unit when a frontal collision occurs.</li> <li>• Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.</li> </ul>  |
| Curtain air bag module LH/RH                | <ul style="list-style-type: none"> <li>• Deploys according to collision judgment of G sensor, pressure sensor, and safing sensor.</li> <li>• Receives collision signal from air bag diagnosis sensor unit, ignites, and burns ignition material by electric ignition system, when side collision exceeds setting limit of the vehicle. Gas is generated by chemical reaction of ignition material, passes filter, and deploys air bag.</li> <li>• Air bag module mainly consists of air bag and inflator that deploys air bag.</li> </ul>  |
| Driver air bag module                       | <ul style="list-style-type: none"> <li>• Receives signal from air bag diagnosis sensor unit and deploys air bag.</li> <li>• In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.</li> </ul>  |
| Front door satellite sensor LH/RH           | <ul style="list-style-type: none"> <li>• Transmits signal to air bag diagnosis sensor unit when a side collision occurs.</li> <li>• When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor, pressure sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the side air bag, curtain air bag and pre-tensioner.</li> </ul>  |
| Lap pre-tensioner LH                        | <ul style="list-style-type: none"> <li>• Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner and lap pre-tensioner.</li> <li>• In the case of a frontal collision or side collision that exceeds specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.</li> <li>• Lap pre-tensioner upgrades passenger restrain function by reducing movement of lumber during a frontal collision or side collision.</li> </ul> |
| Occupant classification system control unit | Detects front passenger seat occupant.   |
| Passenger air bag module                    | <ul style="list-style-type: none"> <li>• Receives signal from air bag diagnosis sensor unit and deploys air bag.</li> <li>• In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.</li> </ul>  |
| Passenger air bag OFF indicator             | Indicates whether or not passenger air bag is in the activation mode based on the judgement of occupant classification system.   |



# COMPONENT PARTS

## < SYSTEM DESCRIPTION >

| Component                     | Function   |
|-------------------------------|--|
| Satellite sensor LH/RH        | <ul style="list-style-type: none"> <li>Transmits signal to air bag diagnosis sensor unit when a side collision occurs.</li> <li>When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor, pressure sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the side air bag and curtain air bag and seat belt pre-tensioner.</li> </ul> |
| Seat belt buckle switch LH/RH | Controls deployment timing depending on the seat belt condition that is fastened or unfastened.  |
| Seat belt pre-tensioner LH/RH | <ul style="list-style-type: none"> <li>Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner and lap pre-tensioner.</li> <li>In the case of a frontal collision or side collision that exceeds specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.</li> </ul>                          |
| Side air bag module LH/RH     | <ul style="list-style-type: none"> <li>Receives signal from air bag diagnosis sensor unit and deploys air bag.</li> <li>In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.</li> </ul>                     |

A

B

C

D

E

F

G

SRC

I

J

K

L

M

N

O

P

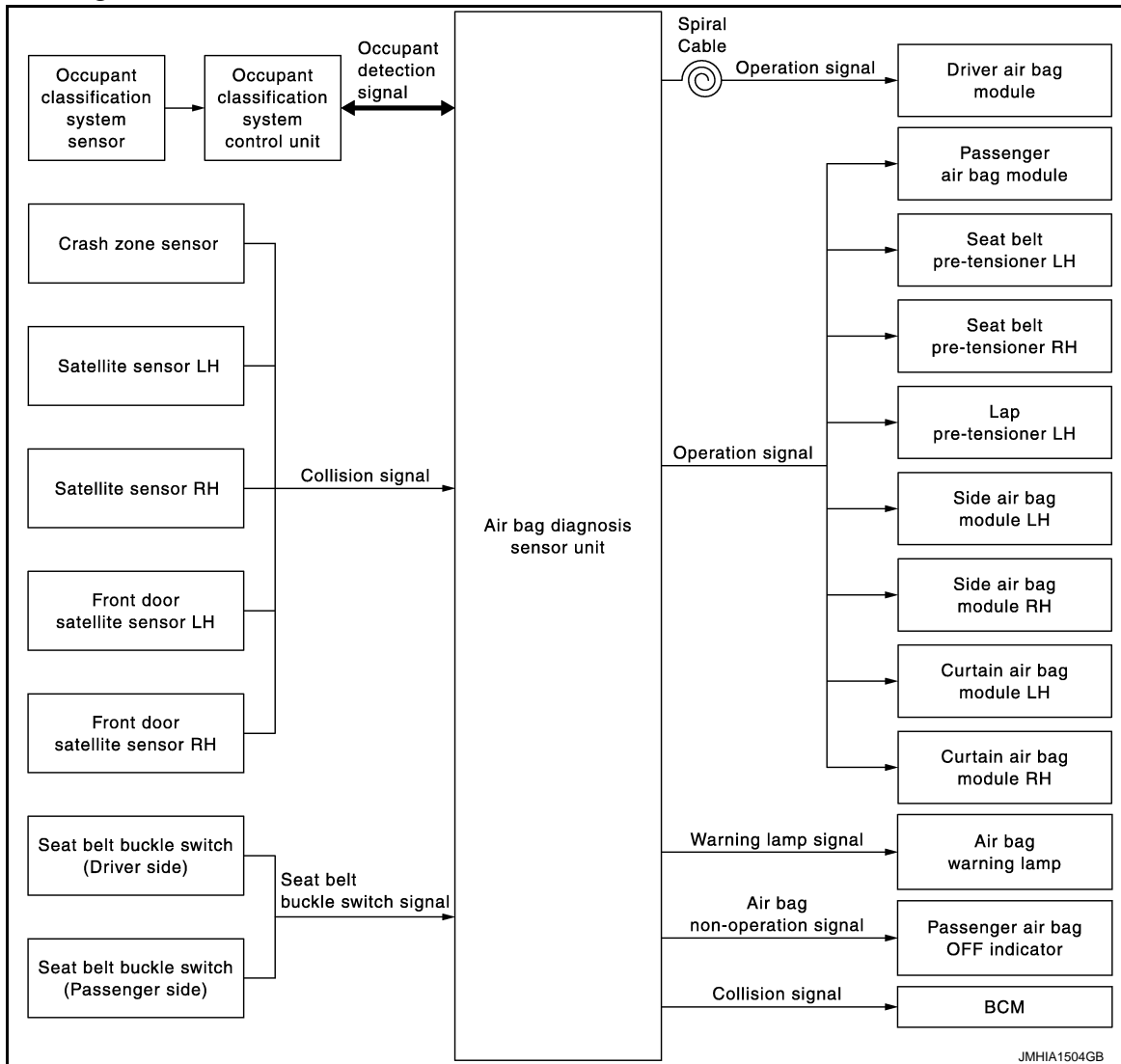
# SYSTEM

< SYSTEM DESCRIPTION >

## SYSTEM

### System Diagram

INFOID:000000008142423



### System Description

INFOID:000000008142424

Supplemental Restraint System (SRS) activates air bag module and seat belt pre-tensioner when it detects a frontal collision or a side collision that is more than the specified limit.

Together with other safety devices, it reduces the impact that occupant receives when vehicle collision occurs. Air bag diagnosis sensor unit supplies power supply to air bag module and pre-tensioner seat belt when deceleration that is more than the specified limit is detected by G sensor and pressure sensor in air bag diagnosis sensor unit, crash zone sensor, satellite sensor, or front door satellite sensor.

Air bag module is composed of electric igniter (squib), filter, pyrotechnic material, and gas generating material. When air bag module receives a signal from air bag diagnosis sensor unit, air bag module ignites pyrotechnic material using electric igniter (squib) so that gas generating material generates high temperature nitrogen gas. The gas through filter activates air bag. At the same time, pre-tensioner seat belt receives power supply from air bag diagnosis sensor unit, gas generator is activated, and then gas is generated.

Balls in pipe are moved according to generated gas pressure and strike pinion gear on ELR shaft. ELR shaft rotates and retracts seat belt.

#### AIR BAG DIAGNOSIS SENSOR UNIT FUNCTIONS

Air bag diagnosis sensor unit has the following functions.

- Detects a collision and supplies the energy for deploying air bag and seat belt pre-tensioner.
- Detects and records electrical malfunction in air bag system and seat belt pre-tensioner system, and blinking air bag warning lamp.

# SYSTEM

## < SYSTEM DESCRIPTION >

- Detects and records the deployment of air bag and seat belt pre-tensioner, and turns ON air bag warning lamp. A
- Indicates malfunctioning portion via the number of blinks from the air bag warning lamp in the diagnosis mode. B
- Indicates the malfunction record via CONSULT. C
- Suppresses the deployment of passenger air bag when passenger seat is empty or occupied by child or child-seat. D
- When passenger seat is occupied by child or child seat, turns ON passenger air bag OFF indicator. E
- When judges that passenger seat is occupied by a adult or a child and passenger seat belt is not fasten, turns ON seat belt warning lamp. Further information for the seat belt warning system, refer to [SBC-7. "System Description"](#). F
- When collision is detected, collision signal is transmitted to HPCM (collision detection function). G

## COLLISION MODES

The operation of SRS is different depending on the collision modes applications. For example, the driver air bag module, passenger air bag module, and seat belt pre-tensioner are activated in a frontal collision or side collision. H

SRS configurations that are activated for the following collision modes. I

| SRS configuration          | ×: Apply —: Not apply |                     |                      |
|----------------------------|-----------------------|---------------------|----------------------|
|                            | Frontal collision     | Left side collision | Right side collision |
| Driver air bag module      | ×                     | —                   | —                    |
| Passenger air bag module   | ×                     | —                   | —                    |
| Seat belt pre-tensioner LH | ×                     | ×                   | —                    |
| Seat belt pre-tensioner RH | ×                     | —                   | ×                    |
| Lap pre-tensioner LH       | ×                     | ×                   | —                    |
| Side air bag module LH     | —                     | ×                   | —                    |
| Side air bag module RH     | —                     | —                   | ×                    |
| Curtain air bag module LH  | —                     | ×                   | —                    |
| Curtain air bag module RH  | —                     | —                   | ×                    |

SRC

## OCCUPANT CLASSIFICATION SYSTEM

Occupant Classification System has the following functions. J

- Suppresses the deployment of passenger air bag when passenger seat is empty, or when occupied by child and child-seat. K
- Turns on passenger air bag OFF indicator when passenger seat is occupied by child-seat and child. L
- Indicates malfunction portion via the number of blinks from the air bag warning lamp in the diagnosis mode. M
- Indicates the malfunctioning record via CONSULT. N

| Status (passenger seat) | Passenger air bag | Passenger air bag OFF indicator | Air bag warning lamp |
|-------------------------|-------------------|---------------------------------|----------------------|
| Empty                   | Suppress          | OFF                             | OFF                  |
| Child/child-seat        | Suppress          | ON                              | OFF                  |
| Adult                   | Enable to deploy  | OFF                             | OFF                  |
| Malfunction             | Suppress          | ON                              | Blinking             |

# DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

## DIAGNOSIS SYSTEM (AIR BAG)

### Description

INFOID:000000008142425

#### CAUTION:

- **Never use electrical test equipment on any circuit related to the SRS unless instructed in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**
- **Never repair, splice or modify the SRS wiring harness. If the harness is damaged, replace it with a new one.**
- **Keep ground portion clean.**

### DIAGNOSIS FUNCTION

- The SRS self-diagnostic results can be read with air bag warning lamp and/or CONSULT.
- The user mode is exclusively prepared for the customer (driver). This mode warns the driver of a system malfunction through the operation of the air bag warning lamp.
- The diagnosis mode allows the technician to locate and inspect the malfunctioning part.
- The mode applications for the air bag warning lamp and CONSULT are as per the following items.

×: Application, —: Not application

| Diagnosis tool       | User mode | Diagnosis mode |
|----------------------|-----------|----------------|
| Air bag warning lamp | ×         | ×              |
| CONSULT              | —         | ×              |

### On Board Diagnosis Function

INFOID:000000008142426

#### ON-BOARD DIAGNOSIS

There are two self diagnosis functions with air bag warning lamp per the following items.

- USER MODE
- DIAGNOSIS MODE

#### METHOD OF STARTING

- Diagnosis mode changes from user mode to diagnosis mode when changing operation is performed.
- In user mode, when SRS air bag warning lamp is not blinking, changing to diagnosis mode by ignition switch operation is not possible.
- In diagnosis mode, when repair is complete and system is normal, the mode changes to user mode when ignition switch is turned from OFF to ON.

#### Procedure to Change Diagnosis Mode

1. Turn ignition switch from OFF to ON.
2. SRS air bag lamp turns ON for 7 second and turns OFF, then turn ignition switch OFF within 1second after the lamp turns OFF.
3. After turning ignition switch OFF, wait for 3 seconds or more.
4. Repeat operation 1 to 3 for 2 times so that operation 1 to 3 is repeated for 3times in total.
5. Turn ignition switch from OFF to ON. Diagnosis mode changes.

#### USER MODE

In USER MODE, air bag warning lamp on combination meter blinks when a malfunction is detected and warns the customer (driver).

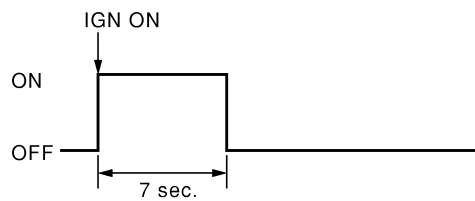
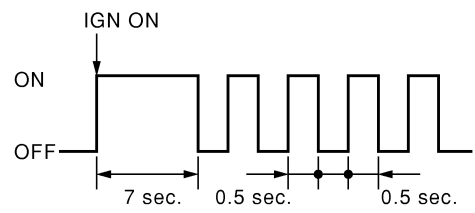
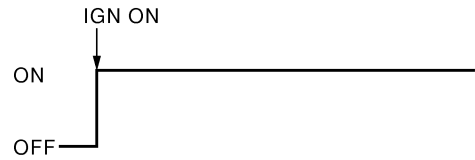
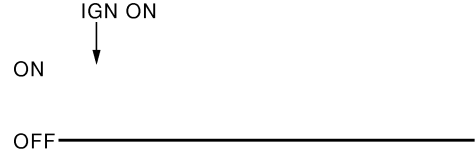
#### How to Read Air Bag Warning Lamp

1. Turn the ignition switch from OFF to ON, and check that the air bag warning lamp blinks.
2. Compare the air bag warning lamp blinking pattern with the examples.

#### Air Bag Warning Lamp Examples

# DIAGNOSIS SYSTEM (AIR BAG)

## < SYSTEM DESCRIPTION >

| Air bag warning lamp operation (user mode)  | SRS condition   | Reference item   |
|---|---|--|
|  <p style="text-align: right;">SHIA0011E</p>   | <ul style="list-style-type: none"> <li>No malfunction is detected</li> <li>No further action is necessary</li> </ul>  | <p style="text-align: center;">—</p>   |
|  <p style="text-align: right;">SHIA0012E</p>   | <ul style="list-style-type: none"> <li>The system is malfunctioning</li> <li>Self diagnostic result is not erased after repair</li> </ul> <p>Battery voltage is low (less than 9 V)</p> <p>Occupant classification function is disabled</p> <p>Intermittent malfunction is detected in the past</p> | <p>Erase "Self Diagnostic Result"<br/>Refer to <a href="#">SRC-16, "CONSULT Function"</a>, How to Erase Self-diagnostic Result</p> <p>Check "CAUSE OF WARNING" in "Special Function" with CONSULT<br/>Refer to <a href="#">SRC-16, "CONSULT Function"</a></p> <p>Refer to <a href="#">SRC-171, "Diagnosis Procedure"</a></p> <p>Go to <a href="#">GI-49, "Intermittent Incident"</a></p> |
|  <p style="text-align: right;">SHIA0013E</p> | <ul style="list-style-type: none"> <li>Air bag is deployed</li> <li>Seat belt pre-tensioner is deployed</li> <li>Air bag diagnosis sensor unit is malfunctioning</li> <li>Air bag power supply circuit is malfunctioning</li> <li>Air bag warning lamp circuit is malfunctioning</li> </ul>         | <p>Go to <a href="#">SRC-149, "Diagnosis Procedure"</a> or <a href="#">SRC-150, "Diagnosis Procedure"</a></p> <p>Go to <a href="#">SRC-169, "Diagnosis Procedure"</a></p>  |
|  <p style="text-align: right;">SHIA0014E</p> | <ul style="list-style-type: none"> <li>Air bag diagnosis sensor unit is malfunctioning</li> <li>Air bag warning lamp circuit is malfunctioning</li> </ul>   | <p>Go to <a href="#">SRC-170, "Diagnosis Procedure"</a></p>  |

### DIAGNOSIS MODE

The diagnosis mode can only be switched when a malfunction is detected in the user mode. Malfunctioning system is indicated according to blinking pattern of air bag warning lamp.

#### How to Read Air Bag Warning Lamp

- Follow the procedures of "PROCEDURE TO CHANGE DIAGNOSIS MODE", and switch to the diagnosis mode.
- Turn ignition switch ON. Check the blinking pattern of air bag warning lamp. There are 2 blinking patterns for the air bag warning lamp as per the following items.
  - Front air bag system: 3 second blink followed by a 0.5 second blink repeated.

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O

SRC

# DIAGNOSIS SYSTEM (AIR BAG)

## < SYSTEM DESCRIPTION >

- Side air bag system: Two 1.5 second blinks followed by a 0.5 second blink repeated.

### Front air bag system

| Number of 0.5 second blinks | Malfunctioning items  |
|-----------------------------|---|
| 0                           | <ul style="list-style-type: none"> <li>• Self-diagnostic result is not erased after repair</li> <li>• Intermittent malfunction is detected in the past</li> </ul> |
| 1                           | Seat belt pre-tensioner RH  |
| 2                           | Driver air bag module   |
| 3                           | Seat belt pre-tensioner LH  |
| 5                           | Occupant Classification System control unit   |
| 6                           | Crash zone sensor   |
| 7                           | Air bag diagnosis sensor unit   |
| 8                           | Passenger air bag module  |
| 11                          | Passenger air bag OFF indicator   |
| 13                          | Lap pre-tensioner LH  |
| 17                          | Air bag diagnosis sensor unit   |

### Side air bag system

| Number of 0.5-second blinks | Malfunctioning items              |
|-----------------------------|-----------------------------------|
| 1                           | Side air bag module RH            |
| 2                           | Side air bag module LH            |
| 3                           | Satellite sensor RH               |
| 4                           | Satellite sensor LH               |
| 5                           | Curtain air bag module RH         |
| 6                           | Curtain air bag module LH         |
| 9                           | Front door satellite sensor RH    |
| 10                          | Front door satellite sensor LH    |
| 20                          | Front door satellite sensor LH/RH |

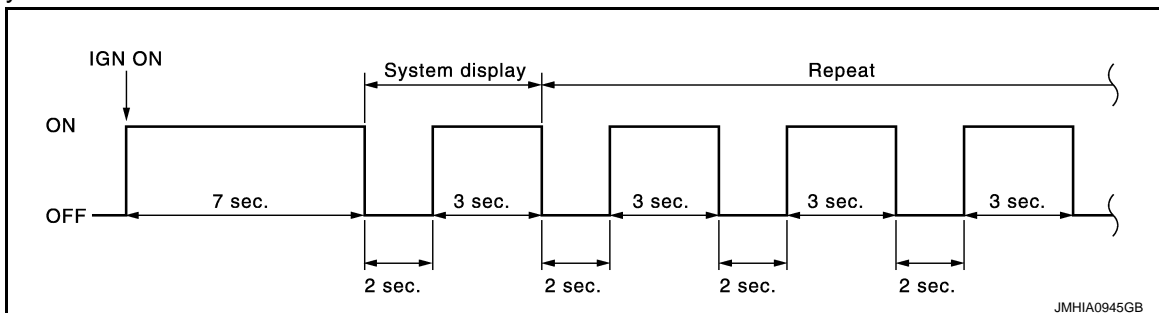
### How to Erase Self-diagnostic Result

After a malfunction is repaired, turn the ignition switch OFF for one second or more, then turn ignition switch ON. The diagnosis mode returns to the user mode. At that time the self-diagnostic result is cleared.

### EXAMPLE OF AIR BAG WARNING LAMP OPERATION IN THE DIAGNOSIS MODE

#### System Normal

When system is normal.



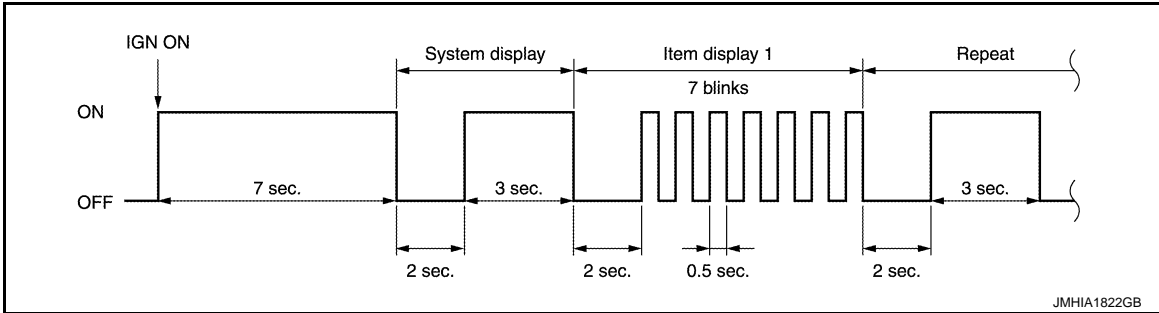
#### Single System Malfunction

- Front air bag system

# DIAGNOSIS SYSTEM (AIR BAG)

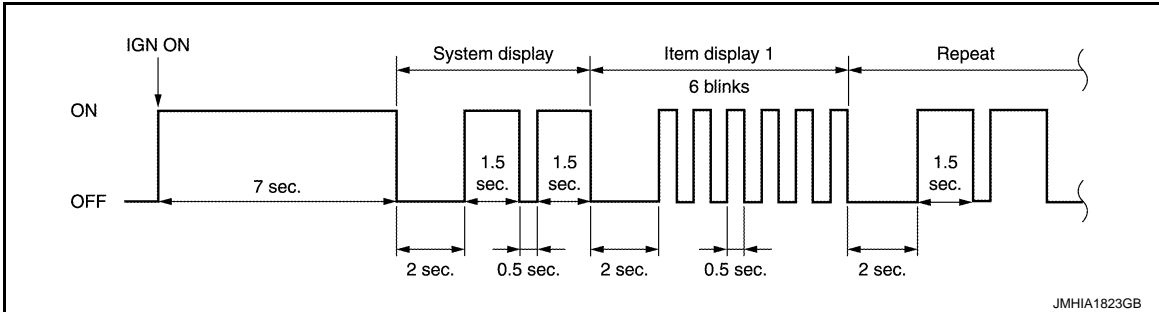
## < SYSTEM DESCRIPTION >

When air bag diagnosis sensor unit system (Item display 1) is malfunctioning.



- Side air bag system

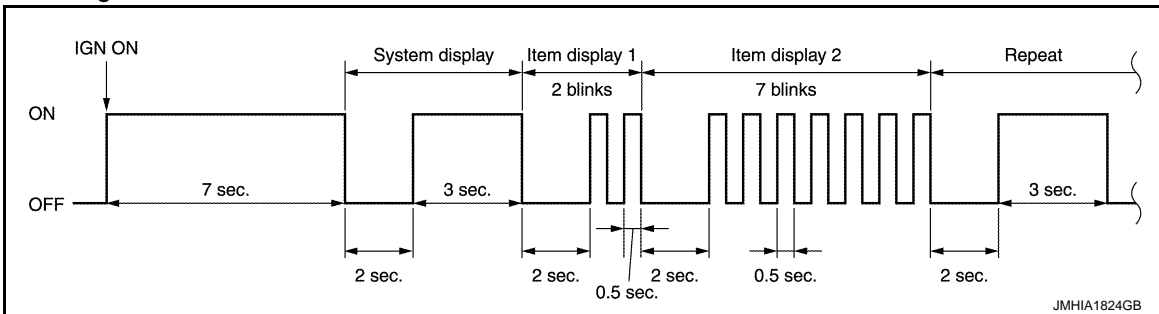
When curtain air bag module LH system (Item display 1) is malfunctioning.



## Multiple Systems Malfunction

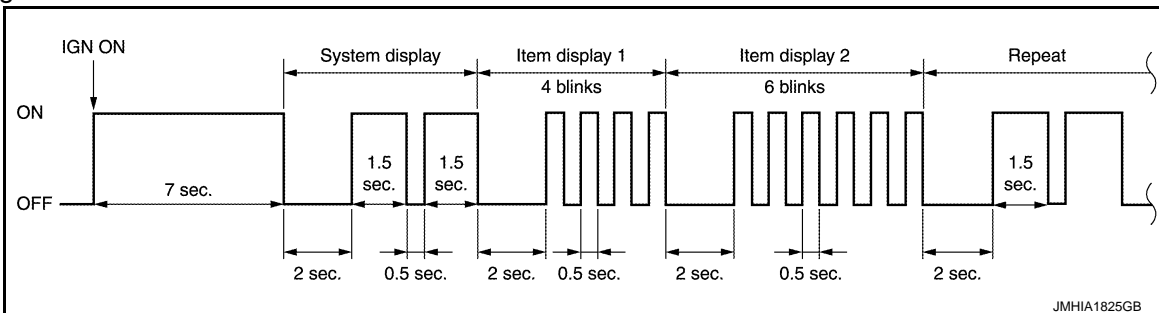
- Front air bag system

When driver air bag module (Item display 1) and air bag diagnosis sensor unit system (Item display 2) are malfunctioning.



- Side air bag system

When satellite sensor LH (Item display1) and curtain air bag module LH system (Item display 2) are malfunctioning.



- Front air bag system and side air bag system

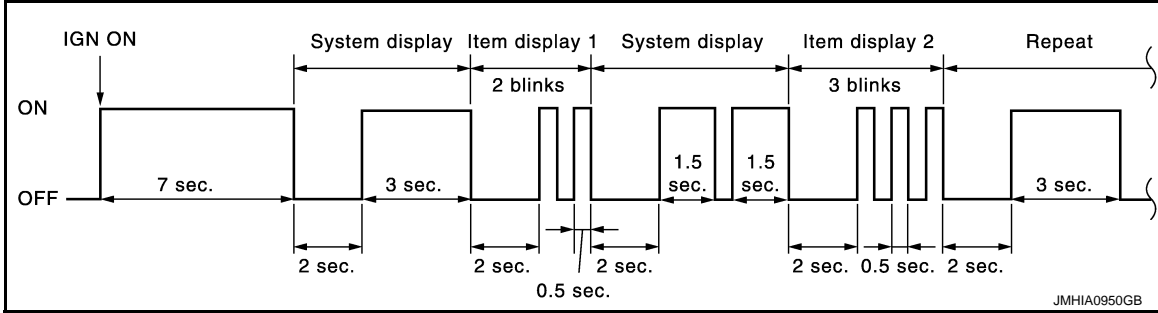
A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

# DIAGNOSIS SYSTEM (AIR BAG)

## < SYSTEM DESCRIPTION >

When driver air bag module (Item display 1) and satellite sensor RH (Item display2) are malfunctioning.



## CONSULT Function

INFOID:000000008142427

## APPLICATION ITEM

CONSULT performs the following functions.

| Diagnosis mode         | Function description  |
|------------------------|---|
| Ecu Identification     | ECU identification number can be read.  |
| Self Diagnostic Result | <ul style="list-style-type: none"> <li>Self-diagnosis result is displayed. Refer to <a href="#">SRC-18, "DTC Index"</a>.</li> <li>"No DTC" is displayed when repair is completed by part replacement or other operations.</li> <li>"SELF-DIAG RESULT [MEMORY]" is displayed until "Erase" is performed.</li> </ul> <p><b>CAUTION:</b><br/>When "No DTC" is displayed after repair, always perform "Erase". If this is not done SRS air bag warning lamp remains blinking when user mode is resumed.</p> |
| SELF-DIAG [PAST]       | Record of DTC, which is memorized in air bag diagnosis sensor unit in the past, is displayed.   |
| SELF-DIAG RESULT [CAN] | This item is displayed, but cannot be supported.  |
| CAUSE OF WARNING       | Cause of warning lamp illumination, which is not recorded in DTC memory, is displayed.  |

## Cause of warning lamp illumination

The SRS air bag warning lamp blinks when the ignition voltage is a voltage value (9V or less, or 16 V or more) at which the SRS air bag cannot operate normally. After blinking, if the ignition voltage returns to normal, SRS air bag warning lamp turns OFF. DTC memory is not performed while the abnormal ignition voltage is detected. The mode cannot be switched to trouble diagnosis mode when the power switch is operated. "No DTC" is displayed when checking "Self-diagnosis result" using CONSULT.

### NOTE:

- SRS air bag warning may blink when the condition is out of detection area\* of the satellite sensor in door. The system is normal if SRS air bag warning lamp turns OFF after the condition returns within detection area of the satellite sensor in door.
- SRS air bag warning lamp blinks when the zero point reset is incomplete after replacing the occupant detection system control unit. (SRS air bag warning lamp turns OFF after the zero point reset is complete.)
- \*: Pressure inside of door is excessively low and air bag system cannot be operated normally (example: altitude is approximately 4,000 m or more).



# DIAGNOSIS SYSTEM (AIR BAG)

## < SYSTEM DESCRIPTION >

| Display item   | Display content   | Actions by worker   |
|----------------|---|---|
| IGN VOLT COND  | <p>The ignition voltage recognized by air bag system (air bag control unit and occupant detection system control unit) is displayed or a message stating that condition is out of detection range of satellite sensor in door is displayed.</p> <ul style="list-style-type: none"> <li>• OK: Normal</li> <li>• LOW: The ignition voltage is low, high, or out of detection range of satellite sensor in door</li> </ul> | <p>Perform the check at an altitude of 4,000 m or less.</p> <ul style="list-style-type: none"> <li>• Check battery voltage if the ignition voltage status is displayed as "LOW".</li> <li>• Check battery voltage if the ignition voltage status is "OK" and the number of times detected is 1 or more. This is because an ignition voltage error may be detected in the past.</li> </ul> <p><b>NOTE:</b><br/>If battery voltage is normal, the cause may be that out of detection range of satellite sensor in door is detected.</p> |
| LOW VOLT TIME  | <p>Total number of times is displayed, summing up the number of times ignition voltage error is detected and the number of times that out of detection range of satellite sensor in door is detected.<br/>(Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)</p>  |   |
| LOW V RECORDED | <p>Number of times power switch ON is displayed after ignition voltage error or out of detection range of satellite sensor in door is detected.<br/>(Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)</p>  |   |

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

## ECU DIAGNOSIS INFORMATION

### DIAGNOSIS SENSOR UNIT

#### DTC Index

INFOID:000000008142428

| DTC                     | Diagnostic item                 | Explanation   | Reference page  |
|-------------------------|---------------------------------|---|---|
| —                       | NO DTC IS DETECTED.             | Low battery voltage (Less than 9 V)   | <a href="#">SRC-16, "CONSULT Function"</a>  |
|                         |                                 | Occupant classification function is disabled  | <a href="#">SRC-171, "Diagnosis Procedure"</a>  |
|                         |                                 | Self-diagnostic result is not erased after repair   | <a href="#">SRC-12, "On Board Diagnosis Function"</a> , <a href="#">SRC-16, "CONSULT Function"</a>  |
|                         |                                 | Intermittent malfunction is detected in the past  | <a href="#">GI-49, "Intermittent Incident"</a>  |
|                         | No malfunction is detected      | —   |   |
| B1001-B1015             | CONTROL UNIT                    | Air bag diagnosis sensor unit is malfunctioning   | <ul style="list-style-type: none"> <li><a href="#">SRC-29, "DTC Logic"</a></li> <li><a href="#">SRC-30, "DTC Logic"</a></li> <li><a href="#">SRC-31, "DTC Logic"</a></li> </ul> |
| B1017<br>B1020<br>B1021 | OCCUPANT SENS C/U [UNIT FAIL]   | Malfunction occurs in Occupant Classification System control unit   | <a href="#">SRC-32, "DTC Logic"</a>   |
| B1018                   | OCCUPANT SENS [UNIT FAIL]       | Malfunction occurs in Occupant Classification System sensor   | <a href="#">SRC-34, "DTC Logic"</a>   |
| B1022                   | OCCUPANT SENS C/U [COMM FAIL]   | Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit, or air bag diagnosis sensor unit | <a href="#">SRC-36, "DTC Logic"</a>   |
| B1023                   | PASS A/B INDCTR CKT             | Passenger air bag OFF indicator circuit is open or shorted to ground or the circuits are shorted each other   | <a href="#">SRC-38, "DTC Logic"</a>   |
| B1025<br>B1032<br>B1048 | OCS SENSOR                      | Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit, or air bag diagnosis sensor unit | <a href="#">SRC-40, "DTC Logic"</a>   |
| B1026-B1031             | CONTROL UNIT                    | Air bag diagnosis sensor unit is malfunctioning   | <a href="#">SRC-42, "DTC Logic"</a>   |
| B1033<br>B1034          | CRASH ZONE SEN [UNIT FAIL]      | Crash zone sensor is malfunctioning   | <a href="#">SRC-43, "DTC Logic"</a>   |
| B1035                   | CRASH ZONE SEN [COMM FAIL]      | Crash zone sensor is malfunctioning   | <a href="#">SRC-45, "DTC Logic"</a>   |
| B1036                   | CRASH ZONE SEN [UNMATCH]        | Crash zone sensor is out of the specified specification   | <a href="#">SRC-47, "DTC Logic"</a>   |
| B1037<br>B1039<br>B1041 | CRASH ZONE SENS1                | Crash zone sensor is malfunctioning   | <a href="#">SRC-49, "DTC Logic"</a>   |
| B1042-B1047             | CONTROL UNIT                    | Air bag diagnosis sensor unit is malfunctioning   | <a href="#">SRC-51, "DTC Logic"</a>   |
| B1049<br>B1054          | DRIVER AIRBAG MODULE [OPEN]     | Driver air bag module circuit is open (including the spiral cable)  | <a href="#">SRC-52, "DTC Logic"</a>   |
| B1050<br>B1055          | DRIVER AIRBAG MODULE [VB-SHORT] | Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)   | <a href="#">SRC-54, "DTC Logic"</a>   |

# DIAGNOSIS SENSOR UNIT

## < ECU DIAGNOSIS INFORMATION >

| DTC            | Diagnostic item                     | Explanation   | Reference page                       |
|----------------|-------------------------------------|---|--------------------------------------|
| B1051<br>B1056 | DRIVER AIRBAG MODULE<br>[GND-SHORT] | Driver air bag module circuit is shorted to ground (including the spiral cable)   | <a href="#">SRC-56, "DTC Logic"</a>  |
| B1052<br>B1057 | DRIVER AIRBAG MODULE<br>[SHORT]     | Driver air bag module circuits are shorted to each other (including spiral cable) | <a href="#">SRC-58, "DTC Logic"</a>  |
| B1058-B1063    | CONTROL UNIT                        | Air bag diagnosis sensor unit is malfunctioning                                   | <a href="#">SRC-60, "DTC Logic"</a>  |
| B1065<br>B1070 | ASSIST A/B MODULE<br>[OPEN]         | Passenger air bag module circuit is open  | <a href="#">SRC-61, "DTC Logic"</a>  |
| B1066<br>B1071 | ASSIST A/B MODULE<br>[VB-SHORT]     | Passenger air bag module circuit is shorted to power supply circuit               | <a href="#">SRC-63, "DTC Logic"</a>  |
| B1067<br>B1072 | ASSIST A/B MODULE<br>[GND-SHORT]    | Passenger air bag module circuit is shorted to ground                             | <a href="#">SRC-65, "DTC Logic"</a>  |
| B1068<br>B1073 | ASSIST A/B MODULE<br>[SHORT]        | Passenger air bag module circuits are shorted to each other                       | <a href="#">SRC-67, "DTC Logic"</a>  |
| B1074-B1079    | CONTROL UNIT                        | Air bag diagnosis sensor unit is malfunctioning                                   | <a href="#">SRC-69, "DTC Logic"</a>  |
| B1080<br>B1096 | DRIVER AIRBAG MODULE<br>[SHORT]     | Driver air bag module circuits are shorted to each other (including spiral cable) | <a href="#">SRC-70, "DTC Logic"</a>  |
| B1081          | PRE-TEN FRONT RH<br>[OPEN]          | Front seat belt pre-tensioner RH circuit is open                                  | <a href="#">SRC-72, "DTC Logic"</a>  |
| B1082          | PRE-TEN FRONT RH<br>[VB-SHORT]      | Front seat belt pre-tensioner RH circuit is shorted to power supply circuit       | <a href="#">SRC-74, "DTC Logic"</a>  |
| B1083          | PRE-TEN FRONT RH<br>[GND-SHORT]     | Front seat belt pre-tensioner RH circuit is shorted to ground                     | <a href="#">SRC-76, "DTC Logic"</a>  |
| B1084          | PRE-TEN FRONT RH<br>[SHORT]         | Front seat belt pre-tensioner RH circuits are shorted to each other               | <a href="#">SRC-78, "DTC Logic"</a>  |
| B1086          | PRE-TEN FRONT LH<br>[OPEN]          | Front seat belt pre-tensioner LH circuit is open                                  | <a href="#">SRC-80, "DTC Logic"</a>  |
| B1087          | PRE-TEN FRONT LH<br>[VB-SHORT]      | Front seat belt pre-tensioner LH circuit is shorted to power supply circuit       | <a href="#">SRC-82, "DTC Logic"</a>  |
| B1088          | PRE-TEN FRONT LH<br>[GND-SHORT]     | Front seat belt pre-tensioner LH circuit is shorted to ground                     | <a href="#">SRC-84, "DTC Logic"</a>  |
| B1089          | PRE-TEN FRONT LH<br>[SHORT]         | Front seat belt pre-tensioner LH circuits are shorted to each other               | <a href="#">SRC-86, "DTC Logic"</a>  |
| B1090-B1095    | CONTROL UNIT                        | Air bag diagnosis sensor unit is malfunctioning                                   | <a href="#">SRC-88, "DTC Logic"</a>  |
| B1106-B1111    | CONTROL UNIT                        | Air bag diagnosis sensor unit is malfunctioning                                   | <a href="#">SRC-89, "DTC Logic"</a>  |
| B1113<br>B1114 | SATELLITE SENS RH<br>[UNIT FAIL]    | Satellite sensor RH is malfunctioning   | <a href="#">SRC-90, "DTC Logic"</a>  |
| B1115          | SATELLITE SENS RH<br>[COMM FAIL]    | Satellite sensor RH is malfunctioning   | <a href="#">SRC-92, "DTC Logic"</a>  |
| B1116          | SATELLITE SENS RH<br>[UNMATCH]      | Satellite sensor RH is out of the specified specification                         | <a href="#">SRC-94, "DTC Logic"</a>  |
| B1118<br>B1119 | SATELLITE SENS LH<br>[UNIT FAIL]    | Satellite sensor LH is malfunctioning   | <a href="#">SRC-96, "DTC Logic"</a>  |
| B1120          | SATELLITE SENS LH<br>[COMM FAIL]    | Satellite sensor RH is malfunctioning   | <a href="#">SRC-98, "DTC Logic"</a>  |
| B1121          | SATELLITE SENS LH<br>[UNMATCH]      | Satellite sensor RH is out of the specified specification                         | <a href="#">SRC-100, "DTC Logic"</a> |
| B1122-B1127    | CONTROL UNIT                        | Air bag diagnosis sensor unit is malfunctioning                                   | <a href="#">SRC-102, "DTC Logic"</a> |

A

B

C

D

E

F

G

SRC

I

J

K

L

M

N

O

P

## DIAGNOSIS SENSOR UNIT

### < ECU DIAGNOSIS INFORMATION >

| DTC         | Diagnostic item                  | Explanation   | Reference page                       |
|-------------|----------------------------------|---|--------------------------------------|
| B1129       | SIDE MODULE RH [OPEN]            | Side air bag module RH circuit is open  | <a href="#">SRC-103, "DTC Logic"</a> |
| B1130       | SIDE MODULE RH [VB-SHORT]        | Side air bag module RH circuit is shorted to power supply circuit                     | <a href="#">SRC-105, "DTC Logic"</a> |
| B1131       | SIDE MODULE RH [GND-SHORT]       | Side air bag module RH circuit is shorted to ground                                   | <a href="#">SRC-107, "DTC Logic"</a> |
| B1132       | SIDE MODULE RH [SHORT]           | Front seat belt pre-tensioner RH circuits are shorted to each other                   | <a href="#">SRC-109, "DTC Logic"</a> |
| B1134       | SIDE MODULE LH [OPEN]            | Side air bag module LH circuit is open  | <a href="#">SRC-111, "DTC Logic"</a> |
| B1135       | SIDE MODULE LH [VB-SHORT]        | Side air bag module LH circuit is shorted to power supply circuit                     | <a href="#">SRC-113, "DTC Logic"</a> |
| B1136       | SIDE MODULE LH [GND-SHORT]       | Side air bag module LH circuit is shorted to ground                                   | <a href="#">SRC-115, "DTC Logic"</a> |
| B1137       | SIDE MODULE LH [SHORT]           | Side air bag module LH circuits are shorted to each other                             | <a href="#">SRC-117, "DTC Logic"</a> |
| B1138-B1143 | CONTROL UNIT                     | Air bag diagnosis sensor unit is malfunctioning                                       | <a href="#">SRC-119, "DTC Logic"</a> |
| B1144       | CONTROL UNIT [MISS INSTALLATION] | Air bag diagnosis sensor unit is malfunctioning or out of the specified specification | <a href="#">SRC-120, "DTC Logic"</a> |
| B1145       | CURTAIN MODULE RH [OPEN]         | Curtain air bag module RH circuit is open   | <a href="#">SRC-121, "DTC Logic"</a> |
| B1146       | CURTAIN MODULE RH [VB-SHORT]     | Curtain air bag module RH circuit is shorted to power supply circuit                  | <a href="#">SRC-123, "DTC Logic"</a> |
| B1147       | CURTAIN MODULE RH [GND-SHORT]    | Curtain air bag module RH circuit is shorted to ground                                | <a href="#">SRC-125, "DTC Logic"</a> |
| B1148       | CURTAIN MODULE RH [SHORT]        | Curtain air bag module RH circuits are shorted to each other                          | <a href="#">SRC-127, "DTC Logic"</a> |
| B1150       | CURTAIN MODULE LH [OPEN]         | Curtain air bag module LH circuit is open   | <a href="#">SRC-129, "DTC Logic"</a> |
| B1151       | CURTAIN MODULE LH [VB-SHORT]     | Curtain air bag module LH circuit is shorted to power supply circuits                 | <a href="#">SRC-131, "DTC Logic"</a> |
| B1152       | CURTAIN MODULE LH [GND-SHORT]    | Curtain air bag module LH circuit is shorted to ground                                | <a href="#">SRC-133, "DTC Logic"</a> |
| B1153       | CURTAIN MODULE LH [SHORT]        | Curtain air bag module LH circuits are shorted to each other                          | <a href="#">SRC-135, "DTC Logic"</a> |
| B1154-B1159 | CONTROL UNIT                     | Air bag diagnosis sensor unit is malfunctioning                                       | <a href="#">SRC-137, "DTC Logic"</a> |
| B1170-B1175 | CONTROL UNIT                     | Air bag diagnosis sensor unit is malfunctioning                                       | <a href="#">SRC-138, "DTC Logic"</a> |
| B1182       | PRE-TEN2 FRONT LH [OPEN]         | Lap pre-tensioner LH circuit is open  | <a href="#">SRC-139, "DTC Logic"</a> |
| B1183       | PRE-TEN2 FRONT LH [VB-SHORT]     | Lap pre-tensioner LH circuit is shorted to power supply circuit                       | <a href="#">SRC-141, "DTC Logic"</a> |
| B1184       | PRE-TEN2 FRONT LH [GND-SHORT]    | Lap pre-tensioner LH circuit is shorted to ground                                     | <a href="#">SRC-143, "DTC Logic"</a> |
| B1185       | PRE-TEN2 FRONT LH [SHORT]        | Lap pre-tensioner LH circuits are shorted to each other                               | <a href="#">SRC-145, "DTC Logic"</a> |
| B1186-B1191 | CONTROL UNIT                     | Air bag diagnosis sensor unit is malfunctioning                                       | <a href="#">SRC-147, "DTC Logic"</a> |
| B1202-B1207 | CONTROL UNIT                     | Air bag diagnosis sensor unit is malfunctioning                                       | <a href="#">SRC-148, "DTC Logic"</a> |

## DIAGNOSIS SENSOR UNIT

### < ECU DIAGNOSIS INFORMATION >

| DTC                              | Diagnostic item                            | Explanation  | Reference page                         |
|----------------------------------|--|--|--|
| B1209                            | FRONTAL COLLISION DETECTION                | Front seat belt pre-tensioner, driver air bag and passenger air bag are deployed | <a href="#">SRC-149, "Description"</a> |
| B1210                            | SIDE COLLISION DETECTION                   | Side air bag, curtain air bag and front seat belt pre-tensioner are deployed     | <a href="#">SRC-150, "DTC Logic"</a>   |
| B1212-B1214                      | RH1 SAT-SENS                               | Satellite sensor RH is malfunctioning  | <a href="#">SRC-151, "DTC Logic"</a>   |
| B1215-B1217                      | LH1 SAT-SENS                               | Satellite sensor LH is malfunctioning  | <a href="#">SRC-153, "DTC Logic"</a>   |
| B1218-B1223                      | CONTROL UNIT                               | Air bag diagnosis sensor unit is malfunctioning                                  | <a href="#">SRC-155, "DTC Logic"</a>   |
| B1234-B1239                      | CONTROL UNIT                               | Air bag diagnosis sensor unit is malfunctioning                                  | <a href="#">SRC-156, "DTC Logic"</a>   |
| B1250-B1255                      | CONTROL UNIT                               | Air bag diagnosis sensor unit is malfunctioning                                  | <a href="#">SRC-157, "DTC Logic"</a>   |
| B1336<br>B1337                   | FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION] | Front door satellite sensor RH is malfunctioning                                 | <a href="#">SRC-158, "DTC Logic"</a>   |
| B1338<br>B1340<br>B1341<br>B1342 | FR-RH DOOR SATEL SENS [COMM MALFUNCTION]   | Front door satellite sensor RH is malfunctioning                                 | <a href="#">SRC-160, "DTC Logic"</a>   |
| B1339                            | FR-RH DOOR SATEL SENS [MIS-INSTALLATION]   | Front door satellite sensor RH is out of the specified specification             | <a href="#">SRC-162, "DTC Logic"</a>   |
| B1343<br>B1344                   | FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION] | Front door satellite sensor LH is malfunctioning                                 | <a href="#">SRC-163, "DTC Logic"</a>   |
| B1345<br>B1347<br>B1348<br>B1349 | FR-LH DOOR SATEL SENS [COMM MALFUNCTION]   | Front door satellite sensor LH is malfunctioning                                 | <a href="#">SRC-165, "DTC Logic"</a>   |
| B1346                            | FR-LH DOOR SATEL SENS [MIS-INSTALLATION]   | Front door satellite sensor LH is out of the specified specification             | <a href="#">SRC-167, "DTC Logic"</a>   |
| B1350                            | FR DOOR SATEL SENS                         | Front door satellite sensor is malfunctioning                                    | <a href="#">SRC-168, "DTC Logic"</a>   |

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

# SRS AIR BAG SYSTEM


< WIRING DIAGRAM >

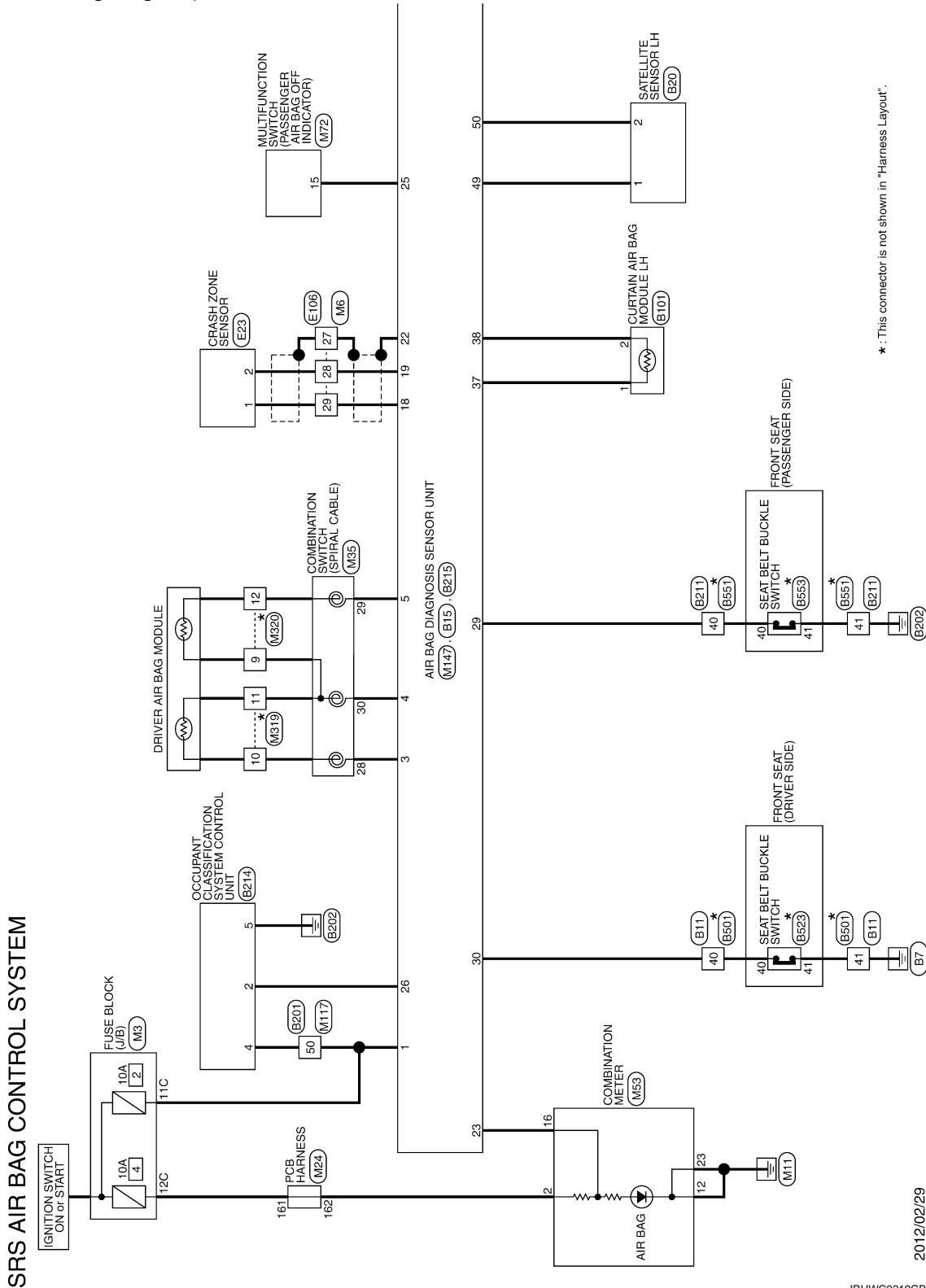
## WIRING DIAGRAM

### SRS AIR BAG SYSTEM

#### Wiring Diagram

INFOID:000000008142429

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).



\*: This connector is not shown in "Harness Layout".

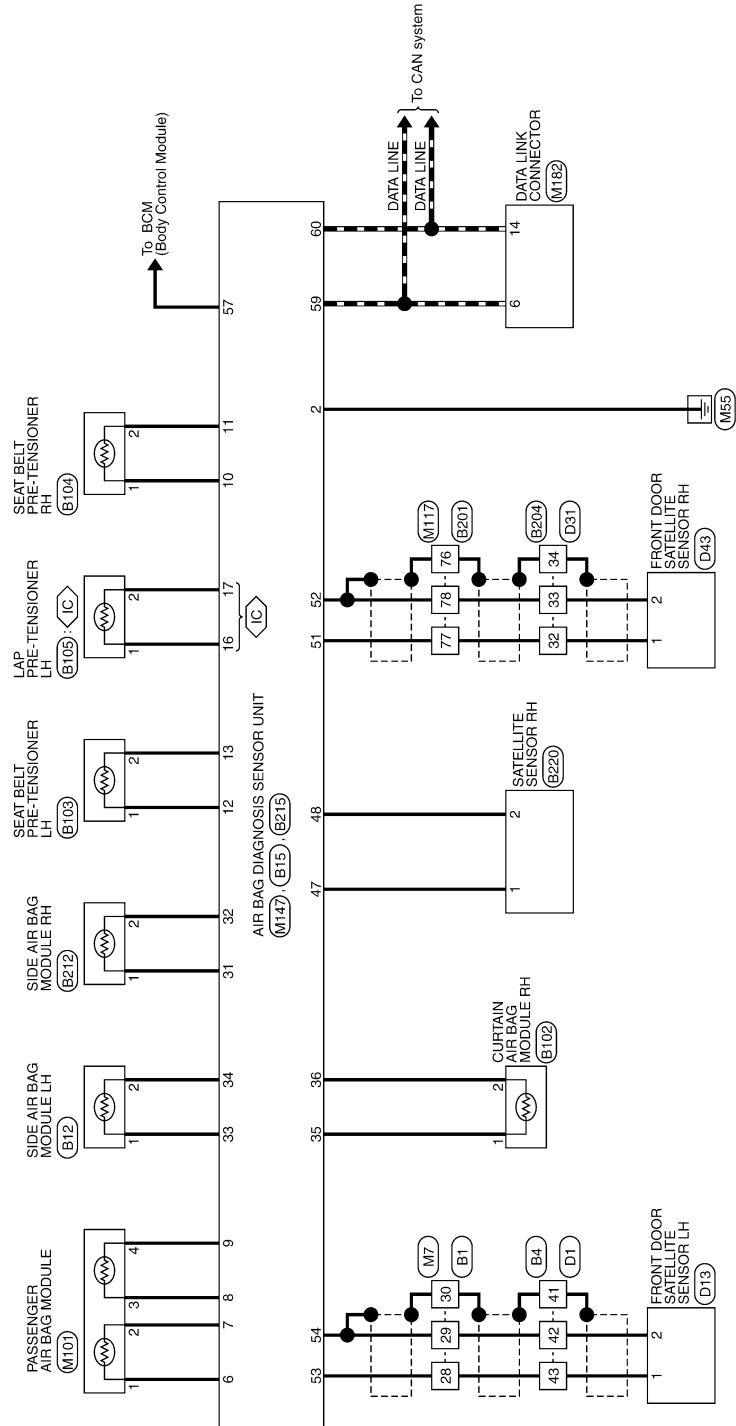
2012/02/29

JRHWC0219GB

# SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

⊠ (IC) : With IC



JRHWC0220GB

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P

SRC

# DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

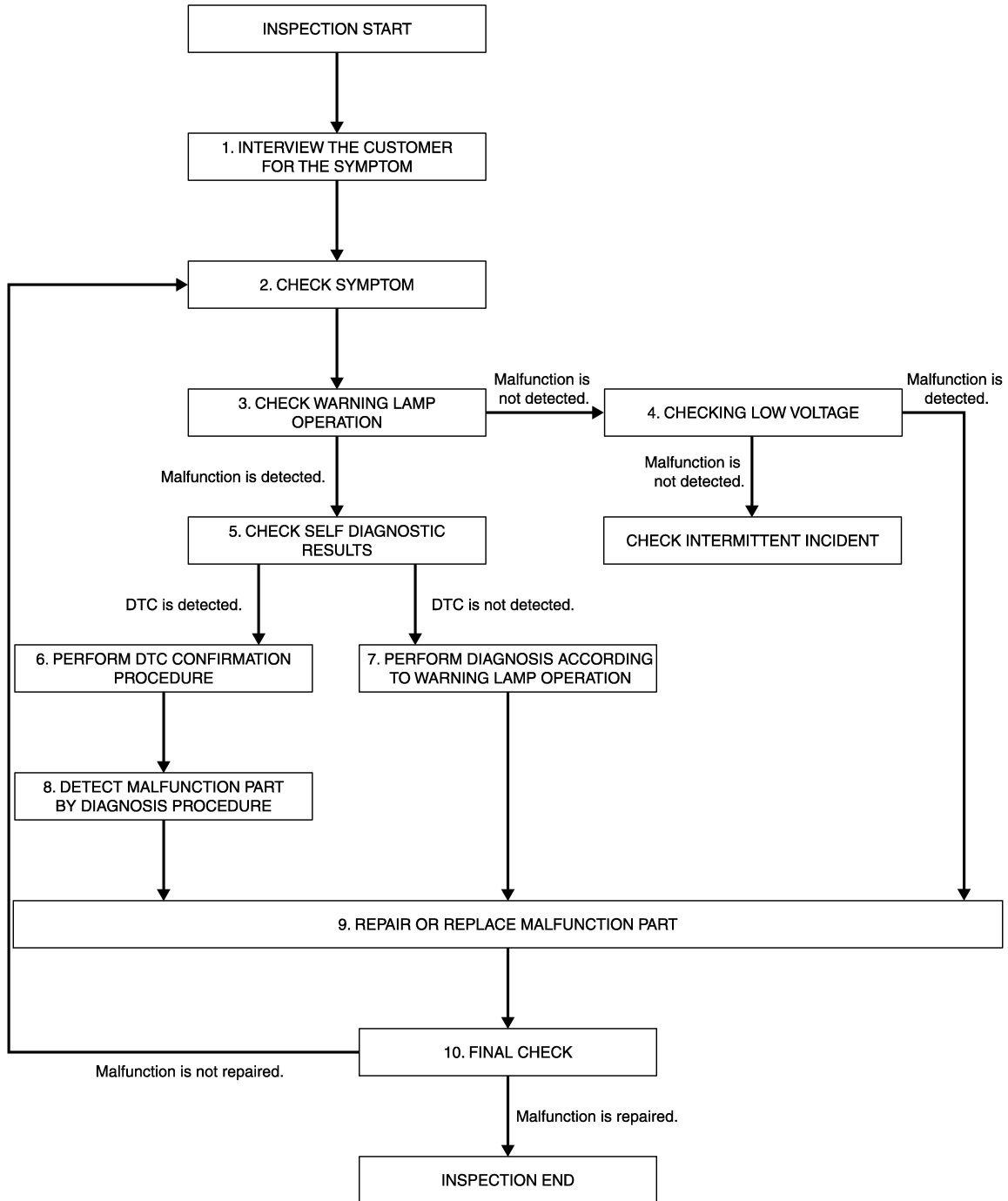
## BASIC INSPECTION

### DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000008142430

OVERALL SEQUENCE



JMHIA1324GB

DETAILED FLOW



# DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

---

## 1. INTERVIEW THE CUSTOMER FOR THE SYMPTOM

---

Interview the customer for the symptom (the condition and the environment when the incident/malfunction occurs).

>> GO TO 2.

---

## 2. CHECK SYMPTOM

---

Check the symptom from the customer information.

>> GO TO 3.

---

## 3. CHECK WARNING LAMP OPERATION

---

Check air bag warning lamp operation in the user mode. Refer to [SRC-12, "On Board Diagnosis Function"](#).

Are any malfunction detected?

YES >> GO TO 5.

NO >> GO TO 4.

---

## 4. CHECK LOW VOLTAGE

---

Check low voltage with CONSULT (Special function). Refer to [SRC-16, "CONSULT Function"](#).

Are any malfunction detected?

YES >> GO TO 9.

NO >> Check intermittent incident. Refer to [GI-49, "Intermittent Incident"](#).

---

## 5. CHECK SELF DIAGNOSTIC RESULTS

---

Check self diagnostic result with CONSULT or diagnosis mode.

If it is impossible to switch to diagnosis mode, follow the same procedure that DTC is not detected.

**NOTE:**

Perform the following procedure if DTC is detected.

- Record DTC (Print them out with CONSULT.)
- Erase self diagnostic result.
- Study the relationship between the malfunction that DTC or air bag warning lamp indicates and the symptom that the customer describes.
- Check related service bulletins for information.

Is DTC detected?

YES >> GO TO 6.

NO >> GO TO 7.

---

## 6. PERFORM DTC CONFIRMATION PROCEDURE

---

Perform DTC CONFIRMATION PROCEDURE for the DTC.

>> GO TO 8.

---

## 7. PERFORM DIAGNOSIS ACCORDING TO WARNING LAMP OPERATION

---

1. Check air bag warning lamp operation in the user mode. Refer to [SRC-12, "On Board Diagnosis Function"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-12, "On Board Diagnosis Function"](#) (USER MODE).

>> GO TO 9.

---

## 8. DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

---

Inspect according to Diagnostic Procedure of the DTC.

>> GO TO 9.

---

## 9. REPAIR OR REPLACE THE MALFUNCTION PART

---

A

B

C

D

E

F

G

SRC

I

J

K

L

M

N

O

P

## DIAGNOSIS AND REPAIR WORK FLOW

### < BASIC INSPECTION >

---

Repair or replace the malfunctioning part.

>> GO TO 10.

### 10.FINAL CHECK

---

Check self diagnostic result and air bag warning lamp operation in the user mode.

Is the malfunction repaired?

YES >> INSPECTION END

NO >> GO TO 2.

# U1000 CAN COMM CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

## DTC/CIRCUIT DIAGNOSIS

### U1000 CAN COMM CIRCUIT

#### Description

INFOID:000000008142431

CAN (Controller Area Network) is a serial communication line for real time applications. It is an on-vehicle multiplex communication line with high data communication speed and excellent error detection ability. Modern vehicle is equipped with many electronic control unit, and each control unit shares information and links with other control units during operation (not independent). In CAN communication, control units are connected with 2 communication lines (CAN H-line, CAN L-line) allowing a high rate of information transmission with less wiring. Each control unit transmits/receives data but selectively reads required data only.

CAN Communication Signal Chart. Refer to [LAN-36, "CAN COMMUNICATION SYSTEM : CAN Communication Signal Chart"](#).

#### DTC Logic

INFOID:000000008142432

#### DTC DETECTION LOGIC

| DTC   | CONSULT display description | DTC Detection Condition  | Possible cause           |
|-------|-----------------------------|--|--------------------------|
| U1000 | CAN COMM CIRCUIT            | When air bag diagnosis sensor unit cannot communicate CAN communication signal continuously for 2 seconds or more. | CAN communication system |

#### Diagnosis Procedure

INFOID:000000008142433

SRC

#### 1. PERFORM SELF DIAGNOSTIC

1. Turn ignition switch ON and wait for 2 seconds or more.
2. Check "SELF-DIAG [CAN]" in "special function" of "AIR BAG" using CONSULT.

#### Is DTC "U1000" displayed?

- YES >> Refer to [LAN-19, "Trouble Diagnosis Flow Chart"](#).  
NO >> Refer to [GI-49, "Intermittent Incident"](#).

# U1010 CONTROL UNIT (CAN)

< DTC/CIRCUIT DIAGNOSIS >

## U1010 CONTROL UNIT (CAN)

### DTC Logic

INFOID:000000008142434

### DTC DETECTION LOGIC

| DTC   | CONSULT display description | DTC Detection Condition  | Possible cause                |
|-------|-----------------------------|--|-------------------------------|
| U1010 | CONTROL UNIT (CAN)          | Air bag diagnosis sensor unit detected internal CAN communication circuit malfunction. | Air bag diagnosis sensor unit |

### Diagnosis Procedure

INFOID:000000008142435

#### 1. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

When DTC "U1010" is detected, replace Air bag diagnosis sensor unit.

>> Replace Air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).

# B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142436

### DTC DETECTION LOGIC

| DTC                                       | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|---|-----------------------------|---|--|
| B1001<br>B1002<br>B1003<br>B1004<br>B1005 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-29, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142437

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-29, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142438

### DTC DETECTION LOGIC

| DTC                                       | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|---|-----------------------------|---|--|
| B1006<br>B1007<br>B1008<br>B1009<br>B1010 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-30, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142439

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-30, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142440

### DTC DETECTION LOGIC

| DTC                                       | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|---|-----------------------------|---|--|
| B1011<br>B1012<br>B1013<br>B1014<br>B1015 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-31, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142441

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-31, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

### DTC Logic

INFOID:000000008142442

### DTC DETECTION LOGIC

| DTC                     | Display contents of CONSULT      | DTC detecting condition                                       | Possible cause  |
|-------------------------|----------------------------------|---|---|
| B1017<br>B1020<br>B1021 | OCCUPANT SENS C/U<br>[UNIT FAIL] | Occupant Classification System control unit is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in Occupant Classification System control unit</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-32, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142443

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

### DIAGNOSTIC PROCEDURE

#### 1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-32, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-84, "Removal and Installation"](#).



# B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

## < DTC/CIRCUIT DIAGNOSIS >

---

2. Perform DTC confirmation procedure. Refer to [SRC-32. "DTC Logic"](#).

### Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

## B1018 OCCUPANT SYSTEM SENSOR

### DTC Logic

INFOID:000000008142444

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                                 | Possible cause   |
|-------|-----------------------------|---|--|
| B1018 | OCCUPANT SENS [UNIT FAIL]   | Occupant Classification System sensor is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in Occupant Classification System sensor</li><li>• Malfunction in Occupant Classification System control unit</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-34, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142445

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

### DIAGNOSTIC PROCEDURE

#### 1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-34, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT AND SENSOR

1. Replace passenger seat cushion assembly. Refer to [SE-84, "Removal and Installation"](#).

## B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

---

2. Perform DTC confirmation procedure. Refer to [SRC-34, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1022 OCCUPANT SYSTEM CONTROL UNIT

### DTC Logic

INFOID:000000008142446

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT   | DTC detecting condition   | Possible cause  |
|-------|-------------------------------|---|---|
| B1022 | OCCUPANT SENS C/U [COMM FAIL] | <ul style="list-style-type: none"><li>Internal malfunction of Occupant Classification System control unit</li><li>Malfunction of circuit between Occupant Classification System control unit and Air bag diagnosis sensor unit</li><li>Malfunction of Air bag diagnosis sensor unit</li></ul> | <ul style="list-style-type: none"><li>Harness or connectors</li><li>Malfunction in Occupant Classification System control unit</li><li>Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-36, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142447

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

### DIAGNOSTIC PROCEDURE

#### 1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-36, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

# B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

---

## 4. CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

---

1. Replace passenger seat cushion assembly. Refer to [SE-84, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-36, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.  
NO >> INSPECTION END

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

**SRC**

# B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

## B1023 PASSENGER AIR BAG OFF INDICATOR

### DTC Logic

INFOID:000000008142448

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT     | DTC detecting condition   | Possible cause  |
|-------|---------------------------------|---|---|
| B1023 | PASS A/B INDCTR CKT [UNIT FAIL] | Passenger air bag OFF indicator circuit is open or shorted to ground or the circuits are shorted each other | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in passenger air bag OFF indicator</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-38, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142449

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

### DIAGNOSTIC PROCEDURE

#### 1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-38, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. CHECK PASSENGER AIR BAG OFF INDICATOR

1. Replace multifunction switch (passenger air bag OFF indicator).

## B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

---

2. Perform DTC confirmation procedure. Refer to [SRC-38, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

## B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

### DTC Logic

INFOID:000000008142450

### DTC DETECTION LOGIC

| DTC                     | Display contents of CONSULT | DTC detecting condition   | Possible cause  |
|-------------------------|-----------------------------|---|---|
| B1025<br>B1032<br>B1048 | OCS SENSOR                  | <ul style="list-style-type: none"><li>Internal malfunction of Occupant Classification System control unit</li><li>Malfunction of circuit between Occupant Classification System control unit and Air bag diagnosis sensor unit</li><li>Malfunction of Air bag diagnosis sensor unit</li></ul> | <ul style="list-style-type: none"><li>Harness or connectors</li><li>Malfunction in Occupant Classification System control unit</li><li>Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-40, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142451

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

### DIAGNOSTIC PROCEDURE

#### 1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-40, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END



# B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

---

## 4. CHECK OCCUPANT DETECTION SYSTEM CONTROL UNIT

---

1. Replace passenger seat cushion assembly. Refer to [SE-84, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-40, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.  
NO >> INSPECTION END

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

# B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142452

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1026<br>B1027<br>B1028<br>B1029<br>B1030<br>B1031 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1.CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-42, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142453

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1.CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2.CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-42, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

## B1033, B1034 CRASH ZONE SENSOR

### DTC Logic

INFOID:000000008142454

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT   | DTC detecting condition             | Possible cause  |
|----------------|-------------------------------|-------------------------------------|---|
| B1033<br>B1034 | CRASH ZONE SEN<br>[UNIT FAIL] | Crash zone sensor is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in crash zone sensor</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-43, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142455

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-22, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-43, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-43, "DTC Logic"](#).

Is DTC detected?

## B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

---

YES >> GO TO 1.

NO >> INSPECTION END

# B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

## B1035 CRASH ZONE SENSOR

### DTC Logic

INFOID:000000008142456

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT   | DTC detecting condition   | Possible cause  |
|-------|-------------------------------|---|---|
| B1035 | CRASH ZONE SEN<br>[COMM FAIL] | Crash zone sensor is malfunctioning or out of the specified specification | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in crash zone sensor</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-45, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142457

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-22, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-45, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-45, "DTC Logic"](#).

Is DTC detected?

## B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

---

YES >> GO TO 1.

NO >> INSPECTION END

# B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

## B1036 CRASH ZONE SENSOR

### DTC Logic

INFOID:000000008142458

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                                 | Possible cause  |
|-------|-----------------------------|---|---|
| B1036 | CRASH ZONE SEN [UNMATCH]    | Crash zone sensor is out of the specified specification | Diagnosis sensor unit or crash zone sensor is different from the part specified |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-47, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142459

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-22, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-47, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-47, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

## B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

---

NO >> INSPECTION END



# B1037, B1039, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

## B1037, B1039, B1041 CRASH ZONE SENSOR

### DTC Logic

INFOID:000000008142460

### DTC DETECTION LOGIC

| DTC                     | Display contents of CONSULT | DTC detecting condition             | Possible cause  |
|-------------------------|-----------------------------|-------------------------------------|---|
| B1037<br>B1039<br>B1041 | CRASH ZONE SENS1            | Crash zone sensor is malfunctioning | <ul style="list-style-type: none"><li>Malfunction in crash zone sensor</li><li>Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-49, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142461

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE CRASH ZONE SENSOR

- Replace crash zone sensor. Refer to [SR-22, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-49, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-49, "DTC Logic"](#).

Is DTC detected?

## B1037, B1039, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

---

YES >> GO TO 1.

NO >> INSPECTION END

# B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142462

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1042<br>B1043<br>B1044<br>B1045<br>B1046<br>B1047 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-51, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142463

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-51, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

## B1049, B1054 DRIVER AIR BAG MODULE

### DTC Logic

INFOID:000000008142464

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT | DTC detecting condition  | Possible cause  |
|----------------|-----------------------------|--|---|
| B1049<br>B1054 | DRIVER AIRBAG MODULE [OPEN] | Driver air bag module circuit is open (including the spiral cable) | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is open.)</li><li>• Malfunction in driver air bag module</li><li>• Malfunction in spiral cable</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-52, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142465

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.

# B1049, B1054 DRIVER AIR BAG MODULE

## < DTC/CIRCUIT DIAGNOSIS >

| Driver air bag module |          | Combination switch (spiral cable) |          | Continuity |
|-----------------------|----------|-----------------------------------|----------|------------|
| Connector             | Terminal | Connector                         | Terminal |            |
| M301                  | 10       | M32                               | 28       | Existed    |
|                       | 11       |                                   | 30       |            |
| M300                  | 12       |                                   | 29       |            |
|                       | 9        |                                   | 30       |            |

4. Check continuity between driver air bag module harness connector and ground.

| Driver side air bag module |          | Ground | Continuity  |
|----------------------------|----------|--------|-------------|
| Connector                  | Terminal |        |             |
| M301                       | 10       | Ground | Not existed |
|                            | 11       |        |             |
| M300                       | 12       |        |             |
|                            | 9        |        |             |

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).

### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-52, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

### 5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-11, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-52, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

## B1050, B1055 DRIVER AIR BAG MODULE

### DTC Logic

INFOID:000000008142466

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT        | DTC detecting condition   | Possible cause   |
|----------------|------------------------------------|---|--|
| B1050<br>B1055 | DRIVER AIRBAG MODULE<br>[VB-SHORT] | Driver air bag module circuit is shorted to power supply circuit (including the spiral cable) | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in driver air bag module</li><li>• Malfunction in spiral cable</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-54, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142467

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SPIRAL CABLE

1. Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-54, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-54, "DTC Logic"](#).

## B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

### 5. REPLACE DRIVER AIR BAG MODULE

---

1. Replace driver air bag module. Refer to [SR-11, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-54, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

SRC

I

J

K

L

M

N

O

P

# B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

## B1051, B1056 DRIVER AIR BAG MODULE

### DTC Logic

INFOID:000000008142468

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT         | DTC detecting condition   | Possible cause   |
|----------------|-------------------------------------|---|--|
| B1051<br>B1056 | DRIVER AIRBAG MODULE<br>[GND-SHORT] | Driver air bag module circuit is shorted to ground (including the spiral cable) | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in driver air bag module</li><li>• Malfunction in spiral cable</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-56, "Diagnosis Procedure"](#).

NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142469

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

#### 3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.



# B1051, B1056 DRIVER AIR BAG MODULE

## < DTC/CIRCUIT DIAGNOSIS >

| Driver air bag module |          | Combination switch (spiral cable) |          | Continuity |
|-----------------------|----------|-----------------------------------|----------|------------|
| Connector             | Terminal | Connector                         | Terminal |            |
| M301                  | 10       | M32                               | 28       | Existed    |
|                       | 11       |                                   | 30       |            |
| M300                  | 12       |                                   | 29       |            |
|                       | 9        |                                   | 30       |            |

4. Check continuity between driver air bag module harness connector and ground.

| Driver side air bag module |          | Ground | Continuity  |
|----------------------------|----------|--------|-------------|
| Connector                  | Terminal |        |             |
| M301                       | 10       | Ground | Not existed |
|                            | 11       |        |             |
| M300                       | 12       |        |             |
|                            | 9        |        |             |

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).

### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-56, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

### 5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-11, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-56, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

## B1052, B1057 DRIVER AIR BAG MODULE

### DTC Logic

INFOID:000000008142470

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT  | DTC detecting condition  | Possible cause   |
|----------------|------------------------------|--|--|
| B1052<br>B1057 | DRIVER AIRBAG MODULE [SHORT] | Driver air bag module circuit are shorted to each other (including the spiral cable) | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in driver air bag module</li><li>• Malfunction in spiral cable</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-58, "Diagnosis Procedure"](#).

NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142471

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

#### 3. CHECK SPIRAL CABLE CIRCUIT-I

1. Turn ignition switch OFF.
2. Disconnect driver air bag module harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between combination switch (spiral cable) terminals.

# B1052, B1057 DRIVER AIR BAG MODULE

## < DTC/CIRCUIT DIAGNOSIS >

| Combination switch (spiral cable) |          |           |          | Continuity  |
|-----------------------------------|----------|-----------|----------|-------------|
| Connector                         | Terminal | Connector | Terminal |             |
| M301                              | 10       | M301      | 11       | Not existed |
|                                   |          | M300      | 9        |             |
|                                   |          |           | 12       |             |

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14. "Removal and Installation"](#).

### 4. CHECK SPIRAL CABLE CIRCUIT-II

Check continuity between combination switch (spiral cable) terminals.

| Combination switch (spiral cable) |          |          | Continuity  |
|-----------------------------------|----------|----------|-------------|
| Connector                         | Terminal | Terminal |             |
| M32                               | 28       | 29       | Not existed |
|                                   |          | 30       |             |

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace combination switch (spiral cable). Refer to [SR-14. "Removal and Installation"](#).

### 5. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26. "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-58. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 6.

NO >> INSPECTION END

### 6. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-11. "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-58. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

# B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142472

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1058<br>B1059<br>B1060<br>B1061<br>B1062<br>B1063 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1.CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-60, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142473

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1.CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2.CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-60, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

## B1065, B1070 PASSENGER AIR BAG MODULE

### DTC Logic

INFOID:000000008142474

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT | DTC detecting condition                  | Possible cause   |
|----------------|-----------------------------|--|--|
| B1065<br>B1070 | ASSIST A/B MODULE<br>[OPEN] | Passenger air bag module circuit is open | <ul style="list-style-type: none"><li>• Harness or connectors<br/>(The module circuit is open.)</li><li>• Malfunction in passenger air bag module</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-61, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142475

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-61, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-18, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-61, "DTC Logic"](#).

## B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

## B1066, B1071 PASSENGER AIR BAG MODULE

### DTC Logic

INFOID:000000008142476

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT     | DTC detecting condition   | Possible cause  |
|----------------|---------------------------------|---|---|
| B1066<br>B1071 | ASSIST A/B MODULE<br>[VB-SHORT] | Passenger air bag module circuit is shorted to power supply circuit | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in passenger air bag module</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-63, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142477

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-63, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-18, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-63, "DTC Logic"](#).

## B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END



# B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

## B1067, B1072 PASSENGER AIR BAG MODULE

### DTC Logic

INFOID:000000008142478

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT      | DTC detecting condition                               | Possible cause  |
|----------------|----------------------------------|---|---|
| B1067<br>B1072 | ASSIST A/B MODULE<br>[GND-SHORT] | Passenger air bag module circuit is shorted to ground | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in passenger air bag module</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-65, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142479

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-65, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-18, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-65, "DTC Logic"](#).

## B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

## B1068, B1073 PASSENGER AIR BAG MODULE

### DTC Logic

INFOID:000000008142480

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT | DTC detecting condition                                     | Possible cause  |
|----------------|-----------------------------|---|---|
| B1068<br>B1073 | ASSIST A/B MODULE [SHORT]   | Passenger air bag module circuits are shorted to each other | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in passenger air bag module</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-67, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142481

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-67, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-18, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-67, "DTC Logic"](#).

## B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142482

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1074<br>B1075<br>B1076<br>B1077<br>B1078<br>B1079 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### Ⓜ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Ⓜ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-69, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142483

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-69, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

## B1080, B1096 DRIVER AIR BAG MODULE

### DTC Logic

INFOID:000000008142484

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT  | DTC detecting condition  | Possible cause   |
|----------------|------------------------------|--|--|
| B1080<br>B1096 | DRIVER AIRBAG MODULE [SHORT] | Driver air bag module circuit are shorted to each other (including the spiral cable) | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in driver air bag module</li><li>• Malfunction in spiral cable</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-70, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142485

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. CHECK SPIRAL CABLE CIRCUIT-I

1. Turn ignition switch OFF.
2. Disconnect driver air bag module harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between combination switch (spiral cable) terminals.

# B1080, B1096 DRIVER AIR BAG MODULE

## < DTC/CIRCUIT DIAGNOSIS >

| Combination switch (spiral cable) |          |           |          | Continuity  |
|-----------------------------------|----------|-----------|----------|-------------|
| Connector                         | Terminal | Connector | Terminal |             |
| M319                              | 10       | M319      | 11       | Not existed |
|                                   |          | M320      | 9        |             |
|                                   |          |           | 12       |             |

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14. "Removal and Installation"](#).

### 4. CHECK SPIRAL CABLE CIRCUIT-II

Check continuity between combination switch (spiral cable) terminals.

| Combination switch (spiral cable) |          |          | Continuity  |
|-----------------------------------|----------|----------|-------------|
| Connector                         | Terminal | Terminal |             |
| M35                               | 28       | 29       | Not existed |
|                                   |          | 30       |             |

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace combination switch (spiral cable). Refer to [SR-14. "Removal and Installation"](#).

### 5. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26. "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-70. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 6.

NO >> INSPECTION END

### 6. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-11. "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-70. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

# B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

## B1081 SEAT BELT PRE-TENSIONER RH

### DTC Logic

INFOID:000000008142486

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                    | Possible cause  |
|-------|-----------------------------|--|---|
| B1081 | PRE-TEN FRONT RH [OPEN]     | Seat belt pre-tensioner RH circuit is open | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is open.)</li><li>• Malfunction in seat belt pre-tensioner RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-72, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142487

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-72, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-72, "DTC Logic"](#).



# B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

## B1082 SEAT BELT PRE-TENSIONER RH

### DTC Logic

INFOID:000000008142488

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition   | Possible cause   |
|-------|-----------------------------|---|--|
| B1082 | PRE-TEN FRONT RH [VB-SHORT] | Seat belt pre-tensioner RH circuit is shorted to power supply circuit | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is shorted.)</li><li>• Malfunction in seat belt pre-tensioner RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-74, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142489

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-74, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-74, "DTC Logic"](#).

# B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

## B1083 SEAT BELT PRE-TENSIONER RH

### DTC Logic

INFOID:000000008142490

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT  | DTC detecting condition                                 | Possible cause   |
|-------|------------------------------|---|--|
| B1083 | PRE-TEN FRONT RH [GND-SHORT] | Seat belt pre-tensioner RH circuit is shorted to ground | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is shorted.)</li><li>• Malfunction in seat belt pre-tensioner RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-76, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142491

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-76, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-76, "DTC Logic"](#).

# B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

## B1084 SEAT BELT PRE-TENSIONER RH

### DTC Logic

INFOID:000000008142492

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                                       | Possible cause   |
|-------|-----------------------------|---|--|
| B1084 | PRE-TEN FRONT RH [SHORT]    | Seat belt pre-tensioner RH circuits are shorted to each other | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is shorted.)</li><li>• Malfunction in seat belt pre-tensioner RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-78, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142493

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-78, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-78, "DTC Logic"](#).

# B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

## B1086 SEAT BELT PRE-TENSIONER LH

### DTC Logic

INFOID:000000008142494

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                    | Possible cause  |
|-------|-----------------------------|--|---|
| B1086 | PRE-TEN FRONT LH [OPEN]     | Seat belt pre-tensioner LH circuit is open | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is open.)</li><li>• Malfunction in seat belt pre-tensioner LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-80, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142495

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-80, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-80, "DTC Logic"](#).



# B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

## B1087 SEAT BELT PRE-TENSIONER LH

### DTC Logic

INFOID:000000008142496

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition   | Possible cause   |
|-------|-----------------------------|---|--|
| B1087 | PRE-TEN FRONT LH [VB-SHORT] | Seat belt pre-tensioner LH circuit is shorted to power supply circuit | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is shorted.)</li><li>• Malfunction in seat belt pre-tensioner LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-82, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142497

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-82, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-82, "DTC Logic"](#).

# B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

## B1088 SEAT BELT PRE-TENSIONER LH

### DTC Logic

INFOID:000000008142498

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT  | DTC detecting condition                                 | Possible cause   |
|-------|------------------------------|---|--|
| B1088 | PRE-TEN FRONT LH [GND-SHORT] | Seat belt pre-tensioner LH circuit is shorted to ground | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is shorted.)</li><li>• Malfunction in seat belt pre-tensioner LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1.CHECK SELF-DIAG RESULT

##### Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-84, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142499

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1.CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2.CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-84, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-84, "DTC Logic"](#).

# B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

## B1089 SEAT BELT PRE-TENSIONER LH

### DTC Logic

INFOID:000000008142500

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                                       | Possible cause   |
|-------|-----------------------------|---|--|
| B1089 | PRE-TEN FRONT LH [SHORT]    | Seat belt pre-tensioner LH circuits are shorted to each other | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is shorted.)</li><li>• Malfunction in seat belt pre-tensioner LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-86, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142501

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-86, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-86, "DTC Logic"](#).

# B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142502

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1090<br>B1091<br>B1092<br>B1093<br>B0194<br>B1095 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1.CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-88, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142503

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1.CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2.CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-88, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END



# B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142504

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1106<br>B1107<br>B1108<br>B1109<br>B1110<br>B1111 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-89, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142505

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-89, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

## B1113, B1114 SATELLITE SENSOR RH

### DTC Logic

INFOID:000000008142506

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT      | DTC detecting condition               | Possible cause  |
|----------------|----------------------------------|---------------------------------------|---|
| B1113<br>B1114 | SATELLITE SENS RH<br>[UNIT FAIL] | Satellite sensor RH is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in satellite sensor RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-90, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142507

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-90, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-90, "DTC Logic"](#).

#### Is DTC detected?

# B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

---

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

## B1115 SATELLITE SENSOR RH

### DTC Logic

INFOID:000000008142508

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT   | DTC detecting condition   | Possible cause  |
|-------|-------------------------------|---|---|
| B1115 | SATELLITE SENS RH [COMM FAIL] | Satellite sensor RH is malfunctioning or out of the specified specification | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in satellite sensor RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

##### **NOTE:**

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

##### Is malfunctioning part detected?

- YES >> Refer to [SRC-92, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142509

#### **WARNING:**

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

##### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

##### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-92, "DTC Logic"](#).

##### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-92, "DTC Logic"](#).

##### Is DTC detected?

# B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

---

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

## B1116 SATELLITE SENSOR RH

### DTC Logic

INFOID:000000008142510

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                                   | Possible cause  |
|-------|-----------------------------|---|---|
| B1116 | SATELLITE SENS RH [UNMATCH] | Satellite sensor RH is out of the specified specification | Diagnosis sensor unit or satellite sensor RH is different from the part specified |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-94, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142511

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-94, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-94, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.

# B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

---

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

## B1118, B1119 SATELLITE SENSOR LH

### DTC Logic

INFOID:000000008142512

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT      | DTC detecting condition               | Possible cause  |
|----------------|----------------------------------|---------------------------------------|---|
| B1118<br>B1119 | SATELLITE SENS LH<br>[UNIT FAIL] | Satellite sensor LH is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in satellite sensor LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-96, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142513

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-96, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-96, "DTC Logic"](#).

Is DTC detected?



# B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

---

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

## B1120 SATELLITE SENSOR LH

### DTC Logic

INFOID:000000008142514

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT   | DTC detecting condition   | Possible cause  |
|-------|-------------------------------|---|---|
| B1120 | SATELLITE SENS LH [COMM FAIL] | Satellite sensor LH is malfunctioning or out of the specified specification | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in satellite sensor LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-98, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142515

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-98, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-98, "DTC Logic"](#).

Is DTC detected?

# B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

---

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

## B1121 SATELLITE SENSOR LH

### DTC Logic

INFOID:000000008142516

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                                   | Possible cause  |
|-------|-----------------------------|---|---|
| B1121 | SATELLITE SENS LH [UNMATCH] | Satellite sensor LH is out of the specified specification | Diagnosis sensor unit or satellite sensor RH is different from the part specified |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

##### **NOTE:**

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

##### Is malfunctioning part detected?

- YES >> Refer to [SRC-100, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142517

#### **WARNING:**

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

##### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

##### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-100, "DTC Logic"](#).

##### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-100, "DTC Logic"](#).

##### Is DTC detected?

- YES >> GO TO 1.

# B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

---

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142518

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1122<br>B1123<br>B1124<br>B1125<br>B1126<br>B1127 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-102, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142519

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-102, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

## B1129 SIDE AIR BAG MODULE RH

### DTC Logic

INFOID:000000008142520

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                | Possible cause   |
|-------|-----------------------------|--|--|
| B1129 | SIDE MODULE RH [OPEN]       | Side air bag module RH circuit is open | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is open.)</li><li>• Malfunction in side air bag module RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. [SRC-12, "On Board Diagnosis Function"](#)

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-103, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142521

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-103, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-103, "DTC Logic"](#).

## B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END



# B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

## B1130 SIDE AIR BAG MODULE RH

### DTC Logic

INFOID:000000008142522

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition   | Possible cause  |
|-------|-----------------------------|---|---|
| B1130 | SIDE MODULE RH [VB-SHORT]   | Side air bag module RH circuit is shorted to power supply circuit | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in side air bag module RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-105, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142523

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-105, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-105, "DTC Logic"](#).

## B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

## B1131 SIDE AIR BAG MODULE RH

### DTC Logic

INFOID:000000008142524

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                             | Possible cause  |
|-------|-----------------------------|---|---|
| B1131 | SIDE MODULE RH [GND-SHORT]  | Side air bag module RH circuit is shorted to ground | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in side air bag module RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-107, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142525

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-107, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-107, "DTC Logic"](#).

## B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

## B1132 SIDE AIR BAG MODULE RH

### DTC Logic

INFOID:000000008142526

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                                   | Possible cause  |
|-------|-----------------------------|---|---|
| B1132 | SIDE MODULE RH [SHORT]      | Side air bag module RH circuits are shorted to each other | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in side air bag module RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-109, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142527

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-109, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-109, "DTC Logic"](#).

## B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

## B1134 SIDE AIR BAG MODULE LH

### DTC Logic

INFOID:000000008142528

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                | Possible cause   |
|-------|-----------------------------|--|--|
| B1134 | SIDE MODULE LH [OPEN]       | Side air bag module LH circuit is open | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is open.)</li><li>• Malfunction in side air bag module LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-111, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142529

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-111, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-111, "DTC Logic"](#).

## B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END



# B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

## B1135 SIDE AIR BAG MODULE LH

### DTC Logic

INFOID:000000008142530

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition   | Possible cause  |
|-------|-----------------------------|---|---|
| B1135 | SIDE MODULE LH [VB-SHORT]   | Side air bag module LH circuit is shorted to power supply circuit | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in side air bag module LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-113, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142531

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-113, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-113, "DTC Logic"](#).

## B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

## B1136 SIDE AIR BAG MODULE LH

### DTC Logic

INFOID:000000008142532

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                             | Possible cause  |
|-------|-----------------------------|---|---|
| B1136 | SIDE MODULE LH [GND-SHORT]  | Side air bag module LH circuit is shorted to ground | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in side air bag module LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-115, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142533

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-115, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-115, "DTC Logic"](#).

## B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

## B1137 SIDE AIR BAG MODULE LH

### DTC Logic

INFOID:000000008142534

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                                   | Possible cause  |
|-------|-----------------------------|---|---|
| B1137 | SIDE MODULE LH [SHORT]      | Side air bag module LH circuits are shorted to each other | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in side air bag module LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-117, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142535

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-117, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-117, "DTC Logic"](#).

## B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142536

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1138<br>B1139<br>B1140<br>B1141<br>B1142<br>B1143 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-119, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142537

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-119, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1144 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1144 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142538

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition   | Possible cause  |
|-------|-----------------------------|---|---|
| B1144 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning or out of the specification | <ul style="list-style-type: none"><li>Malfunction in air bag diagnosis sensor unit</li><li>Configuration in air bag diagnosis sensor unit does not match the vehicles specification</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-120, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142539

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-120, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END



# B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

## B1145 CURTAIN AIR BAG MODULE RH

### DTC Logic

INFOID:000000008142540

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                   | Possible cause   |
|-------|-----------------------------|---|--|
| B1145 | CURTAIN MODULE RH [OPEN]    | Curtain air bag module RH circuit is open | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is open.)</li><li>• Malfunction in side curtain air bag module RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-121, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142541

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-121, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SR-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-121, "DTC Logic"](#).

## B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

## B1146 CURTAIN AIR BAG MODULE RH

### DTC Logic

INFOID:000000008142542

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT  | DTC detecting condition  | Possible cause   |
|-------|------------------------------|--|--|
| B1146 | CURTAIN MODULE RH [VB-SHORT] | Curtain air bag module RH circuit is shorted to power supply circuit | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in curtain air bag module RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-123, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142543

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-123, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SR-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-123, "DTC Logic"](#).

## B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

## B1147 CURTAIN AIR BAG MODULE RH

### DTC Logic

INFOID:000000008142544

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT   | DTC detecting condition                                | Possible cause   |
|-------|-------------------------------|--|--|
| B1147 | CURTAIN MODULE RH [GND-SHORT] | Curtain air bag module RH circuit is shorted to ground | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in curtain air bag module RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-125, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142545

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-125, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SR-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-125, "DTC Logic"](#).

## B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

## B1148 CURTAIN AIR BAG MODULE RH

### DTC Logic

INFOID:000000008142546

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                                      | Possible cause   |
|-------|-----------------------------|--|--|
| B1148 | CURTAIN MODULE RH [SHORT]   | Curtain air bag module RH circuits are shorted to each other | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in curtain air bag module RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-127, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142547

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-127, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SR-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-127, "DTC Logic"](#).

## B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END



# B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

## B1150 CURTAIN AIR BAG MODULE LH

### DTC Logic

INFOID:000000008142548

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                   | Possible cause  |
|-------|-----------------------------|---|---|
| B1150 | CURTAIN MODULE LH [OPEN]    | Curtain air bag module LH circuit is open | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is open.)</li><li>• Malfunction in curtain air bag module LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-129, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142549

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-129, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4.REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SR-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-129, "DTC Logic"](#).

## B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

## B1151 CURTAIN AIR BAG MODULE LH

### DTC Logic

INFOID:000000008142550

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT  | DTC detecting condition  | Possible cause   |
|-------|------------------------------|--|--|
| B1151 | CURTAIN MODULE LH [VB-SHORT] | Curtain air bag module LH circuit is shorted to power supply circuit | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in curtain air bag module LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-131, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142551

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-131, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SR-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-131, "DTC Logic"](#).

## B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

## B1152 CURTAIN AIR BAG MODULE LH

### DTC Logic

INFOID:000000008142552

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT   | DTC detecting condition                                | Possible cause   |
|-------|-------------------------------|--|--|
| B1152 | CURTAIN MODULE LH [GND-SHORT] | Curtain air bag module LH circuit is shorted to ground | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in curtain air bag module LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-133, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142553

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-133, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SR-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-133, "DTC Logic"](#).

## B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

## B1153 CURTAIN AIR BAG MODULE LH

### DTC Logic

INFOID:000000008142554

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                                      | Possible cause   |
|-------|-----------------------------|--|--|
| B1153 | CURTAIN MODULE LH [SHORT]   | Curtain air bag module LH circuits are shorted to each other | <ul style="list-style-type: none"><li>• Harness or connectors (The module circuit is shorted.)</li><li>• Malfunction in curtain air bag module LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-135, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142555

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-135, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SR-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-135, "DTC Logic"](#).

## B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END



# B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142556

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1154<br>B1155<br>B1156<br>B1157<br>B1158<br>B1159 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-137, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142557

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-137, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142558

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1170<br>B1171<br>B1172<br>B1173<br>B1174<br>B1175 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-138, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142559

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-138, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1182 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

## B1182 LAP PRE-TENSIONER LH

### DTC Logic

INFOID:000000008142560

| DTC No. | Trouble diagnosis name   | DTC detecting condition              | Possible cause  |
|---------|--------------------------|--------------------------------------|---|
| B1182   | PRE-TEN2 FRONT LH [OPEN] | Lap pre-tensioner LH circuit is open | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is open.)</li><li>• Malfunction in lap pre-tensioner LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAGNOSTIC RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12. "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter diagnosis mode if no malfunction is detected in user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-139. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142561

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SR-28. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-139. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-139. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

## B1182 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

---

NO >> INSPECTION END

# B1183 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

## B1183 LAP PRE-TENSIONER LH

### DTC Logic

INFOID:000000008142562

| DTC No. | Trouble diagnosis name       | DTC detecting condition  | Possible cause   |
|---------|------------------------------|--|--|
| B1183   | PRE-TEN2 FRONT LH [VB-SHORT] | Lap pre-tensioner LH circuit is shorted to some power supply circuit | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is shorted.)</li><li>• Malfunction in lap pre-tensioner LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAGNOSTIC RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter diagnosis mode if no malfunction is detected in user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-141, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142563

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-141, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-141, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

## B1183 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

---

NO >> INSPECTION END

# B1184 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

## B1184 LAP PRE-TENSIONER LH

### DTC Logic

INFOID:000000008142564

| DTC No. | Trouble diagnosis name        | DTC detecting condition                           | Possible cause   |
|---------|-------------------------------|---|--|
| B1184   | PRE-TEN2 FRONT LH [GND-SHORT] | Lap pre-tensioner LH circuit is shorted to ground | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is shorted.)</li><li>• Malfunction in lap pre-tensioner LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAGNOSTIC RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter diagnosis mode if no malfunction is detected in user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-143, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142565

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-143, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-143, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

## B1184 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

---

NO >> INSPECTION END



# B1185 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

## B1185 LAP PRE-TENSIONER LH

### DTC Logic

INFOID:000000008142566

| DTC No. | Trouble diagnosis name    | DTC detecting condition                                | Possible cause   |
|---------|---------------------------|--|--|
| B1185   | PRE-TEN2 FRONT LH [SHORT] | Lap pre-tensioner LH circuit are shorted to each other | <ul style="list-style-type: none"><li>• Harness or connectors (The pre-tensioner circuit is shorted.)</li><li>• Malfunction in lap pre-tensioner LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAGNOSTIC RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter diagnosis mode if no malfunction is detected in user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-145, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142567

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-145, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-145, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC

## B1185 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

---

NO >> INSPECTION END

# B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142568

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1186<br>B1187<br>B1188<br>B1189<br>B1190<br>B1191 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-147, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142569

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-147, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142570

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1202<br>B1203<br>B1204<br>B1205<br>B1206<br>B1207 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-148, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142571

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-148, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

## B1209 FRONTAL COLLISION DETECTION

### Description

INFOID:000000008142572

The air bags and seat belt pre-tensioners for driver and passenger are activated by the air bag diagnosis sensor unit signal transmitted at the time of the frontal collision.

### DTC Logic

INFOID:000000008142573

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition   | Possible cause |
|-------|-----------------------------|---|----------------|
| B1209 | FRONTAL COLLISION DETECTION | Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed | —              |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-149, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142574

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-5, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-6, "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

>> GO TO 2.

#### 2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END  
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-18, "DTC Index"](#).

# B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

## B1210 SIDE COLLISION DETECTION

### Description

INFOID:000000008142575

The side air bag and curtain air bag are activated by the air bag diagnosis sensor unit signal transmitted at the time of side collision.

### DTC Logic

INFOID:000000008142576

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition                       | Possible cause |
|-------|-----------------------------|---|----------------|
| B1210 | SIDE COLLISION DETECTION    | Side air bag and curtain air bag are deployed | —              |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-150, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142577

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-7, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-8, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

#### Is collision diagnosis complete?

>> GO TO 2.

#### 2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

#### Is the inspection result normal?

- YES >> INSPECTION END  
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-18, "DTC Index"](#).

# B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

## B1212, B1213, B1214 SATELLITE SENSOR RH

### DTC Logic

INFOID:000000008142578

### DTC DETECTION LOGIC

| DTC                     | Display contents of CONSULT | DTC detecting condition               | Possible cause  |
|-------------------------|-----------------------------|---------------------------------------|---|
| B1212<br>B1213<br>B1214 | RH1 SAT-SENS                | Satellite sensor RH is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in satellite sensor RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-151, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142579

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-151, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-151, "DTC Logic"](#).

Is DTC detected?

## B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

---

YES >> GO TO 1.

NO >> INSPECTION END



# B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

## B1215, B1216, B1217 SATELLITE SENSOR LH

### DTC Logic

INFOID:000000008142580

### DTC DETECTION LOGIC

| DTC                     | Display contents of CONSULT | DTC detecting condition               | Possible cause  |
|-------------------------|-----------------------------|---------------------------------------|---|
| B1215<br>B1216<br>B1217 | LH1 SAT-SENS                | Satellite sensor LH is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in satellite sensor LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-153, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142581

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-153, "DTC Logic"](#)

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-153, "DTC Logic"](#).

Is DTC detected?

## B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

---

YES >> GO TO 1.

NO >> INSPECTION END

# B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142582

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1218<br>B1219<br>B1220<br>B1221<br>B1222<br>B1223 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-155, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142583

#### **WARNING:**

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-155, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142584

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1234<br>B1235<br>B1236<br>B1237<br>B1238<br>B1239 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1.CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-157, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142585

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1.CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2.CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-157, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

## B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008142586

### DTC DETECTION LOGIC

| DTC  | Display contents of CONSULT | DTC detecting condition                         | Possible cause                               |
|--|-----------------------------|---|--|
| B1250<br>B1251<br>B1252<br>B1253<br>B1254<br>B1255 | CONTROL UNIT                | Air bag diagnosis sensor unit is malfunctioning | Malfunction in air bag diagnosis sensor unit |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-157, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142587

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connectors.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-157, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

## B1336, B1337 SATELLITE SENSOR RH

### DTC Logic

INFOID:000000008142588

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT                | DTC detecting condition                          | Possible cause   |
|----------------|--|--|--|
| B1336<br>B1337 | FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION] | Front door satellite sensor RH is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in front door satellite sensor RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-158, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142589

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-158, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-158, "DTC Logic"](#).

# B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

## B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

### DTC Logic

INFOID:000000008142590

### DTC DETECTION LOGIC

| DTC                              | Display contents of CONSULT                         | DTC detecting condition                          | Possible cause   |
|----------------------------------|---|--|--|
| B1338<br>B1340<br>B1341<br>B1342 | FR-RH DOOR SATEL<br>SENS<br>[COMM MALFUNC-<br>TION] | Front door satellite sensor RH is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in front door satellite sensor RH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

#### Is malfunctioning part detected?

- YES >> Refer to [SRC-160, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142591

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

#### Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

#### Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-160, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-160, "DTC Logic"](#).



# B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

B

C

D

E

F

G

**SRC**

I

J

K

L

M

N

O

P

# B1339 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

## B1339 SATELLITE SENSOR RH

### DTC Logic

INFOID:000000008142592

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT                 | DTC detecting condition  | Possible cause   |
|-------|---|--|--|
| B1339 | FR-RH DOOR SATEL SENS<br>[MIS-INSTALLATION] | Front door satellite sensor RH is out of the specified specification | Diagnosis sensor unit or front door satellite sensor RH is different from the part specified |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

##### **NOTE:**

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

##### Is malfunctioning part detected?

- YES >> Refer to [SRC-162, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142593

#### **WARNING:**

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-162, "DTC Logic"](#).

##### Is DTC detected?

- YES >> GO TO 2.  
NO >> INSPECTION END

#### 2. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-162, "DTC Logic"](#).

##### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

## B1343, B1344 SATELLITE SENSOR LH

### DTC Logic

INFOID:000000008142594

### DTC DETECTION LOGIC

| DTC            | Display contents of CONSULT                   | DTC detecting condition                          | Possible cause   |
|----------------|---|--|--|
| B1343<br>B1344 | FR-LH DOOR SATEL SENS<br>[SENSOR MALFUNCTION] | Front door satellite sensor LH is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in front door satellite sensor LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142595

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-163, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-163, "DTC Logic"](#).

## B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

## B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

### DTC Logic

INFOID:000000008142596

### DTC DETECTION LOGIC

| DTC                              | Display contents of CONSULT                         | DTC detecting condition                          | Possible cause   |
|----------------------------------|---|--|--|
| B1345<br>B1347<br>B1348<br>B1349 | FR-LH DOOR SATEL<br>SENS<br>[COMM MALFUNC-<br>TION] | Front door satellite sensor LH is malfunctioning | <ul style="list-style-type: none"><li>• Harness or connectors</li><li>• Malfunction in front door satellite sensor LH</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-168, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142597

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.  
NO >> Replace harness connector.

#### 2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.  
NO >> Replace wiring harness.

#### 3. REPLACE SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.  
NO >> INSPECTION END

#### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

## B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1346 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

## B1346 SATELLITE SENSOR LH

### DTC Logic

INFOID:000000008142598

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT              | DTC detecting condition  | Possible cause   |
|-------|--|--|--|
| B1346 | FR-LH DOOR SATEL SENS [MIS-INSTALLATION] | Front door satellite sensor LH is out of the specified specification | Diagnosis sensor unit or front door satellite sensor LH is different from the part specified |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

#### NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-167, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142599

#### WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-167, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 2.  
NO >> INSPECTION END

#### 2. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-167, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END

# B1350 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

## B1350 SATELLITE SENSOR

### DTC Logic

INFOID:000000008142600

### DTC DETECTION LOGIC

| DTC   | Display contents of CONSULT | DTC detecting condition   | Possible cause  |
|-------|-----------------------------|---|---|
| B1350 | FR DOOR SATEL SENS          | Front door satellite sensor is malfunctioning or out of the specified specification | <ul style="list-style-type: none"><li>Malfunction in front door satellite sensor LH/RH</li><li>Malfunction in air bag diagnosis sensor unit</li></ul> |

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

##### With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

##### Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

##### **NOTE:**

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

##### Is malfunctioning part detected?

- YES >> Refer to [SRC-168, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008142601

#### **WARNING:**

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

#### 1. REPLACE BOTH OF FRONT DOOR SATELLITE SENSOR

- Replace both of front door satellite sensor. Refer to [SR-24, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

##### Is DTC detected?

- YES >> GO TO 2.  
NO >> INSPECTION END

#### 2. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

##### Is DTC detected?

- YES >> GO TO 1.  
NO >> INSPECTION END



# SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

## SYMPTOM DIAGNOSIS

### SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

#### Diagnosis Procedure

INFOID:000000008142602

#### 1. CHECK AIR BAG MODULE AND SEAT BELT PRE-TENSIONER

Check the deployment of air bag module and seat belt pre-tensioner.

Is air bag module deployed?

YES >> Replace the malfunctioning parts.

NO >> GO TO 2.

#### 2. CHECK AIR BAG FUSE

Check 10 A fuse [No.2, located in fuse block (J/B)].

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace the fuse.

#### 3. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace harness connectors.

#### 4. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace wiring harness.

#### 5. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 6.

#### 6. REPLACE COMBINATION METER

1. Replace combination meter. Refer to [MWI-81, "Removal and Installation"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P

SRC

# SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

---

## SRS AIR BAG WARNING LAMP DOES NOT TURN ON

### Diagnosis Procedure

INFOID:000000008142603

#### 1.CHECK COMBINATION METER POWER SUPPLY AND GROUND CIRCUIT

Check combination meter unit power supply and ground circuit. Refer to [MWI-64, "COMBINATION METER : Diagnosis Procedure"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

---

#### 2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace harness connectors.

---

#### 3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace wiring harness.

---

#### 4.CHECK AIR BAG DIAGNOSIS SENSOR UNIT

Disconnect air bag diagnosis sensor unit connector and turn ignition switch ON.

Does air bag warning lamp turn ON?

YES >> Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).

NO >> Replace combination meter. Refer to [MWI-81, "Removal and Installation"](#).

# SRS AIR BAG WARNING LAMP BLINKS

< SYMPTOM DIAGNOSIS >

## SRS AIR BAG WARNING LAMP BLINKS

### Diagnosis Procedure

INFOID:000000008142604

#### 1. CHECK 12V BATTERY

Check 12V battery. Refer to [PG-135, "How to Handle 12V Battery"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace malfunctioning parts.

#### 2. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace occupant classification system control unit. Refer to [SE-87, "SEAT CUSHION : Disassembly and Assembly"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 3.

#### 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.

A  
B  
C  
D  
E  
F  
G  
I  
J  
K  
L  
M  
N  
O  
P

SRC