

# SECTION **SRC**

## SRS AIRBAG CONTROL SYSTEM

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

### CONTENTS

<p style="text-align: center;"><b>COUPE</b></p> <p><b>BASIC INSPECTION</b> .....10</p> <p><b>DIAGNOSIS AND REPAIR WORK FLOW</b> .....10</p> <p style="padding-left: 20px;">Work Flow ..... 10</p> <p><b>SYSTEM DESCRIPTION</b> .....13</p> <p><b>SRS AIR BAG SYSTEM</b> .....13</p> <p style="padding-left: 20px;">System Diagram ..... 13</p> <p style="padding-left: 20px;">System Description ..... 13</p> <p style="padding-left: 20px;">Component Parts Location ..... 15</p> <p style="padding-left: 20px;">Component Description ..... 16</p> <p><b>OCCUPANT CLASSIFICATION SYSTEM (EXCEPT FOR MEXICO)</b> .....17</p> <p style="padding-left: 20px;">System Diagram ..... 17</p> <p style="padding-left: 20px;">System Description ..... 17</p> <p style="padding-left: 20px;">Component Parts Location ..... 18</p> <p style="padding-left: 20px;">Component Description ..... 18</p> <p><b>DIAGNOSIS SYSTEM (AIR BAG)</b> .....19</p> <p style="padding-left: 20px;">Diagnosis Description ..... 19</p> <p style="padding-left: 20px;">Diagnosis with Air Bag Warning Lamp ..... 19</p> <p style="padding-left: 20px;">CONSULT Function ..... 22</p> <p><b>DTC/CIRCUIT DIAGNOSIS</b> .....24</p> <p><b>B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT</b> .....24</p> <p style="padding-left: 20px;">Description ..... 24</p> <p style="padding-left: 20px;">DTC Logic ..... 24</p> <p style="padding-left: 20px;">Diagnosis Procedure ..... 24</p> <p><b>B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT</b> .....26</p> <p style="padding-left: 20px;">Description ..... 26</p> <p style="padding-left: 20px;">DTC Logic ..... 26</p> <p style="padding-left: 20px;">Diagnosis Procedure ..... 26</p>	<p><b>B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT</b> .....28</p> <p style="padding-left: 20px;">Description ..... 28</p> <p style="padding-left: 20px;">DTC Logic ..... 28</p> <p style="padding-left: 20px;">Diagnosis Procedure ..... 28</p> <p><b>B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT</b> .....30</p> <p style="padding-left: 20px;">Description ..... 30</p> <p style="padding-left: 20px;">DTC Logic ..... 30</p> <p style="padding-left: 20px;">Diagnosis Procedure ..... 30</p> <p><b>B1018 OCCUPANT SYSTEM SENSOR</b> .....32</p> <p style="padding-left: 20px;">Description ..... 32</p> <p style="padding-left: 20px;">DTC Logic ..... 32</p> <p style="padding-left: 20px;">Diagnosis Procedure ..... 32</p> <p><b>B1022 OCCUPANT SYSTEM CONTROL UNIT</b> .....34</p> <p style="padding-left: 20px;">Description ..... 34</p> <p style="padding-left: 20px;">DTC Logic ..... 34</p> <p style="padding-left: 20px;">Diagnosis Procedure ..... 34</p> <p><b>B1023 PASSENGER AIR BAG OFF INDICATOR</b> .....36</p> <p style="padding-left: 20px;">Description ..... 36</p> <p style="padding-left: 20px;">DTC Logic ..... 36</p> <p style="padding-left: 20px;">Diagnosis Procedure ..... 36</p> <p><b>B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR</b> .....38</p> <p style="padding-left: 20px;">Description ..... 38</p> <p style="padding-left: 20px;">DTC Logic ..... 38</p> <p style="padding-left: 20px;">Diagnosis Procedure ..... 38</p> <p><b>B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT</b> .....40</p> <p style="padding-left: 20px;">Description ..... 40</p> <p style="padding-left: 20px;">DTC Logic ..... 40</p> <p style="padding-left: 20px;">Diagnosis Procedure ..... 40</p> <p><b>B1033, B1034 CRASH ZONE SENSOR</b> .....42</p>
--	---

SRC

Description .....	42	Description .....	64
DTC Logic .....	42	DTC Logic .....	64
Diagnosis Procedure .....	42	Diagnosis Procedure .....	64
<b>B1035, B1036 CRASH ZONE SENSOR .....</b>	<b>44</b>	<b>B1068, B1073 PASSENGER AIR BAG MOD- ULE .....</b>	<b>66</b>
Description .....	44	Description .....	66
DTC Logic .....	44	DTC Logic .....	66
Diagnosis Procedure .....	44	Diagnosis Procedure .....	66
<b>B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR .....</b>	<b>46</b>	<b>B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT .....</b>	<b>68</b>
Description .....	46	Description .....	68
DTC Logic .....	46	DTC Logic .....	68
Diagnosis Procedure .....	46	Diagnosis Procedure .....	68
<b>B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT .....</b>	<b>48</b>	<b>B1080, B1096 DRIVER AIR BAG MODULE ....</b>	<b>70</b>
Description .....	48	Description .....	70
DTC Logic .....	48	DTC Logic .....	70
Diagnosis Procedure .....	48	Diagnosis Procedure .....	70
<b>B1049, B1054 DRIVER AIR BAG MODULE ....</b>	<b>50</b>	<b>B1081 SEAT BELT PRE-TENSIONER RH .....</b>	<b>72</b>
Description .....	50	Description .....	72
DTC Logic .....	50	DTC Logic .....	72
Diagnosis Procedure .....	50	Diagnosis Procedure .....	72
<b>B1050, B1055 DRIVER AIR BAG MODULE ....</b>	<b>52</b>	<b>B1082 SEAT BELT PRE-TENSIONER RH .....</b>	<b>74</b>
Description .....	52	Description .....	74
DTC Logic .....	52	DTC Logic .....	74
Diagnosis Procedure .....	52	Diagnosis Procedure .....	74
<b>B1051, B1056 DRIVER AIR BAG MODULE ....</b>	<b>54</b>	<b>B1083 SEAT BELT PRE-TENSIONER RH .....</b>	<b>76</b>
Description .....	54	Description .....	76
DTC Logic .....	54	DTC Logic .....	76
Diagnosis Procedure .....	54	Diagnosis Procedure .....	76
<b>B1052, B1057 DRIVER AIR BAG MODULE ....</b>	<b>56</b>	<b>B1084 SEAT BELT PRE-TENSIONER RH .....</b>	<b>78</b>
Description .....	56	Description .....	78
DTC Logic .....	56	DTC Logic .....	78
Diagnosis Procedure .....	56	Diagnosis Procedure .....	78
<b>B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT .....</b>	<b>58</b>	<b>B1086 SEAT BELT PRE-TENSIONER LH .....</b>	<b>80</b>
Description .....	58	Description .....	80
DTC Logic .....	58	DTC Logic .....	80
Diagnosis Procedure .....	58	Diagnosis Procedure .....	80
<b>B1065, B1070 PASSENGER AIR BAG MOD- ULE .....</b>	<b>60</b>	<b>B1087 SEAT BELT PRE-TENSIONER LH .....</b>	<b>82</b>
Description .....	60	Description .....	82
DTC Logic .....	60	DTC Logic .....	82
Diagnosis Procedure .....	60	Diagnosis Procedure .....	82
<b>B1066, B1071 PASSENGER AIR BAG MOD- ULE .....</b>	<b>62</b>	<b>B1088 SEAT BELT PRE-TENSIONER LH .....</b>	<b>84</b>
Description .....	62	Description .....	84
DTC Logic .....	62	DTC Logic .....	84
Diagnosis Procedure .....	62	Diagnosis Procedure .....	84
<b>B1067, B1072 PASSENGER AIR BAG MOD- ULE .....</b>	<b>64</b>	<b>B1089 SEAT BELT PRE-TENSIONER LH .....</b>	<b>86</b>
		Description .....	86
		DTC Logic .....	86
		Diagnosis Procedure .....	86

<b>B1090, B1091, B1092, B1093, B1094, B1095</b>	Diagnosis Procedure .....	110	
<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>B1135 SIDE AIR BAG MODULE LH .....</b>	<b>112</b>	A
Description .....	Description .....	112	
DTC Logic .....	DTC Logic .....	112	B
Diagnosis Procedure .....	Diagnosis Procedure .....	112	
<b>B1106, B1107, B1108, B1109, B1110, B1111</b>	<b>B1136 SIDE AIR BAG MODULE LH .....</b>	<b>114</b>	C
<b>DIAGNOSIS SENSOR UNIT .....</b>	Description .....	114	
Description .....	DTC Logic .....	114	
DTC Logic .....	Diagnosis Procedure .....	114	D
Diagnosis Procedure .....	<b>B1137 SIDE AIR BAG MODULE LH .....</b>	<b>116</b>	
<b>B1113, B1114 SATELLITE SENSOR RH .....</b>	Description .....	116	
Description .....	DTC Logic .....	116	E
DTC Logic .....	Diagnosis Procedure .....	116	
Diagnosis Procedure .....	<b>B1138, B1139, B1140, B1141, B1142, B1143</b>		
<b>B1115, B1116 SATELLITE SENSOR RH .....</b>	<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>118</b>	F
Description .....	Description .....	118	
DTC Logic .....	DTC Logic .....	118	
Diagnosis Procedure .....	Diagnosis Procedure .....	118	G
<b>B1118, B1119 SATELLITE SENSOR LH .....</b>	<b>B1144 DIAGNOSIS SENSOR UNIT .....</b>	<b>120</b>	
Description .....	Description .....	120	
DTC Logic .....	DTC Logic .....	120	
Diagnosis Procedure .....	Diagnosis Procedure .....	120	SRC
<b>B1120, B1121 SATELLITE SENSOR LH .....</b>	<b>B1145 CURTAIN AIR BAG MODULE RH .....</b>	<b>121</b>	I
Description .....	Description .....	121	
DTC Logic .....	DTC Logic .....	121	
Diagnosis Procedure .....	Diagnosis Procedure .....	121	J
<b>B1122, B1123, B1124, B1125, B1126, B1127</b>	<b>B1146 CURTAIN AIR BAG MODULE RH .....</b>	<b>123</b>	
<b>DIAGNOSIS SENSOR UNIT .....</b>	Description .....	123	
Description .....	DTC Logic .....	123	K
DTC Logic .....	Diagnosis Procedure .....	123	
Diagnosis Procedure .....	<b>B1147 CURTAIN AIR BAG MODULE RH .....</b>	<b>125</b>	L
<b>B1129 SIDE AIR BAG MODULE RH .....</b>	Description .....	125	
Description .....	DTC Logic .....	125	
DTC Logic .....	Diagnosis Procedure .....	125	M
Diagnosis Procedure .....	<b>B1148 CURTAIN AIR BAG MODULE RH .....</b>	<b>127</b>	
<b>B1130 SIDE AIR BAG MODULE RH .....</b>	Description .....	127	
Description .....	DTC Logic .....	127	N
DTC Logic .....	Diagnosis Procedure .....	127	
Diagnosis Procedure .....	<b>B1150 CURTAIN AIR BAG MODULE LH .....</b>	<b>129</b>	O
<b>B1131 SIDE AIR BAG MODULE RH .....</b>	Description .....	129	
Description .....	DTC Logic .....	129	
DTC Logic .....	Diagnosis Procedure .....	129	P
Diagnosis Procedure .....	<b>B1151 CURTAIN AIR BAG MODULE LH .....</b>	<b>131</b>	
<b>B1132 SIDE AIR BAG MODULE RH .....</b>	Description .....	131	
Description .....	DTC Logic .....	131	
DTC Logic .....	Diagnosis Procedure .....	131	
Diagnosis Procedure .....	<b>B1152 CURTAIN AIR BAG MODULE LH .....</b>	<b>133</b>	
<b>B1134 SIDE AIR BAG MODULE LH .....</b>	Description .....	133	
Description .....	DTC Logic .....	133	
DTC Logic .....	Diagnosis Procedure .....	133	

<b>B1153 CURTAIN AIR BAG MODULE LH</b> .....	<b>135</b>	<b>B1234, B1235, B1236, B1237, B1238, B1239</b>	<b>DIAGNOSIS SENSOR UNIT</b> .....	<b>154</b>
Description .....	135		DTC Logic .....	154
DTC Logic .....	135		Diagnosis Procedure .....	154
Diagnosis Procedure .....	135			
<b>B1154, B1155, B1156, B1157, B1158, B1159</b>		<b>B1250, B1251, B1252, B1253, B1254, B1255</b>	<b>DIAGNOSIS SENSOR UNIT</b> .....	<b>155</b>
<b>DIAGNOSIS SENSOR UNIT</b> .....	<b>137</b>		DTC Logic .....	155
Description .....	137		Diagnosis Procedure .....	155
DTC Logic .....	137			
Diagnosis Procedure .....	137			
<b>B1170, B1171, B1172, B1173, B1174, B1175</b>		<b>B1266, B1267, B1268, B1269 DIAGNOSIS</b>	<b>SENSOR UNIT</b> .....	<b>156</b>
<b>DIAGNOSIS SENSOR UNIT</b> .....	<b>139</b>		DTC Logic .....	156
Description .....	139		Diagnosis Procedure .....	156
DTC Logic .....	139			
Diagnosis Procedure .....	139			
<b>B1186, B1187, B1188, B1189, B1190, B1191</b>		<b>B1282, B1283, B1284, B1285 DIAGNOSIS</b>	<b>SENSOR UNIT</b> .....	<b>157</b>
<b>DIAGNOSIS SENSOR UNIT</b> .....	<b>141</b>		DTC Logic .....	157
Description .....	141		Diagnosis Procedure .....	157
DTC Logic .....	141			
Diagnosis Procedure .....	141			
<b>B1202, B1203, B1204, B1205, B1206, B1207</b>		<b>B1336, B1337 SATELLITE SENSOR RH</b> .....	<b>158</b>	
<b>DIAGNOSIS SENSOR UNIT</b> .....	<b>143</b>		Description .....	158
Description .....	143		DTC Logic .....	158
DTC Logic .....	143		Diagnosis Procedure .....	158
Diagnosis Procedure .....	143			
<b>B1209 FRONTAL COLLISION DETECTION</b> .	<b>145</b>	<b>B1338, B1340, B1341, B1342 SATELLITE</b>	<b>SENSOR RH</b> .....	<b>160</b>
Description .....	145		Description .....	160
DTC Logic .....	145		DTC Logic .....	160
Diagnosis Procedure .....	145		Diagnosis Procedure .....	160
<b>B1210 SIDE COLLISION DETECTION</b> .....	<b>146</b>	<b>B1339 SATELLITE SENSOR RH</b> .....	<b>162</b>	
Description .....	146		Description .....	162
DTC Logic .....	146		DTC Logic .....	162
Diagnosis Procedure .....	146		Diagnosis Procedure .....	162
<b>B1211 ROLLOVER DETECTION</b> .....	<b>147</b>	<b>B1343, B1344 SATELLITE SENSOR LH</b> .....	<b>163</b>	
Description .....	147		Description .....	163
DTC Logic .....	147		DTC Logic .....	163
Diagnosis Procedure .....	147		Diagnosis Procedure .....	163
<b>B1212, B1213, B1214 SATELLITE SENSOR</b>		<b>B1345, B1347, B1348, B1349 SATELLITE</b>	<b>SENSOR LH</b> .....	<b>165</b>
<b>RH</b> .....	<b>148</b>		Description .....	165
Description .....	148		DTC Logic .....	165
DTC Logic .....	148		Diagnosis Procedure .....	165
Diagnosis Procedure .....	148			
<b>B1215, B1216, B1217 SATELLITE SENSOR</b>		<b>B1346 SATELLITE SENSOR LH</b> .....	<b>167</b>	
<b>LH</b> .....	<b>150</b>		Description .....	167
Description .....	150		DTC Logic .....	167
DTC Logic .....	150		Diagnosis Procedure .....	167
Diagnosis Procedure .....	150			
<b>B1218, B1219, B1220, B1221, B1222, B1223</b>		<b>B1350, B1351 SATELLITE SENSOR</b> .....	<b>168</b>	
<b>DIAGNOSIS SENSOR UNIT</b> .....	<b>152</b>		Description .....	168
Description .....	152		DTC Logic .....	168
DTC Logic .....	152		Diagnosis Procedure .....	168
Diagnosis Procedure .....	152			
<b>B1234, B1235, B1236, B1237, B1238, B1239</b>		<b>B1378, B1379, B1380, B1381 DIAGNOSIS</b>	<b>SENSOR UNIT</b> .....	<b>169</b>
<b>DIAGNOSIS SENSOR UNIT</b> .....	<b>154</b>		DTC Logic .....	169
DTC Logic .....	154		Diagnosis Procedure .....	169
Diagnosis Procedure .....	154			

<b>ECU DIAGNOSIS INFORMATION</b> .....	170	<b>DIAGNOSIS SYSTEM (AIR BAG)</b> .....	195	
		CONSULT Function .....	195	A
<b>DIAGNOSIS SENSOR UNIT</b> .....	170	<b>DTC/CIRCUIT DIAGNOSIS</b> .....	196	
DTC Index .....	170	<b>B1001, B1002, B1003, B1004, B1005 DIAG-</b>		B
Wiring Diagram - SRS AIR BAG CONTROL SYS-		<b>NOSIS SENSOR UNIT</b> .....	196	
TEM - .....	174	Description .....	196	C
<b>SYMPTOM DIAGNOSIS</b> .....	176	DTC Logic .....	196	
<b>SRS AIR BAG WARNING LAMP DOES NOT</b>		Diagnosis Procedure .....	196	
<b>TURN OFF</b> .....	176	<b>B1006, B1007, B1008, B1009, B1010 DIAG-</b>		D
Diagnosis Procedure .....	176	<b>NOSIS SENSOR UNIT</b> .....	198	
<b>SRS AIR BAG WARNING LAMP DOES NOT</b>		Description .....	198	E
<b>TURN ON</b> .....	177	DTC Logic .....	198	
Diagnosis Procedure .....	177	Diagnosis Procedure .....	198	
<b>PRECAUTION</b> .....	178	<b>B1011, B1012, B1013, B1014, B1015 DIAG-</b>		F
<b>PRECAUTIONS</b> .....	178	<b>NOSIS SENSOR UNIT</b> .....	200	
<b>EXCEPT FOR MEXICO</b> .....	178	Description .....	200	G
EXCEPT FOR MEXICO : Precaution for Supple-		DTC Logic .....	200	
mental Restraint System (SRS) "AIR BAG" and		Diagnosis Procedure .....	200	
"SEAT BELT PRE-TENSIONER" .....	178	<b>B1017, B1020, B1021 OCCUPANT SYSTEM</b>		
EXCEPT FOR MEXICO : Service .....	178	<b>CONTROL UNIT</b> .....	202	
EXCEPT FOR MEXICO : Occupant Classification		Description .....	202	SRC
System Precaution .....	178	DTC Logic .....	202	
EXCEPT FOR MEXICO : Precaution for Battery		Diagnosis Procedure .....	202	
Service .....	179	<b>B1018 OCCUPANT SYSTEM SENSOR</b> .....	204	I
<b>FOR MEXICO</b> .....	179	Description .....	204	
FOR MEXICO : Precaution for Supplemental Re-		DTC Logic .....	204	J
straint System (SRS) "AIR BAG" and "SEAT BELT		Diagnosis Procedure .....	204	
PRE-TENSIONER" .....	179	<b>B1022 OCCUPANT SYSTEM CONTROL</b>		
FOR MEXICO : Service .....	179	<b>UNIT</b> .....	206	K
FOR MEXICO : Precaution for Battery Service ....	179	Description .....	206	
		DTC Logic .....	206	
		Diagnosis Procedure .....	206	L
		<b>B1023 PASSENGER AIR BAG OFF INDICA-</b>		
		<b>TOR</b> .....	208	
		Description .....	208	M
		DTC Logic .....	208	
		Diagnosis Procedure .....	208	
		<b>B1025, B1032, B1048 OCCUPANT SYSTEM</b>		
		<b>SENSOR</b> .....	210	N
		Description .....	210	
		DTC Logic .....	210	O
		Diagnosis Procedure .....	210	
		<b>B1026, B1027, B1028, B1029, B1030, B1031</b>		
		<b>DIAGNOSIS SENSOR UNIT</b> .....	212	P
		Description .....	212	
		DTC Logic .....	212	
		Diagnosis Procedure .....	212	
		<b>B1033, B1034 CRASH ZONE SENSOR</b> .....	214	
		Description .....	214	
		DTC Logic .....	214	

Diagnosis Procedure .....	214	<b>B1067, B1072 PASSENGER AIR BAG MOD- ULE .....</b>	<b>238</b>
<b>B1035 CRASH ZONE SENSOR .....</b>	<b>216</b>	Description .....	238
Description .....	216	DTC Logic .....	238
DTC Logic .....	216	Diagnosis Procedure .....	238
Diagnosis Procedure .....	216	<b>B1068, B1073 PASSENGER AIR BAG MOD- ULE .....</b>	<b>240</b>
<b>B1036 CRASH ZONE SENSOR .....</b>	<b>218</b>	Description .....	240
Description .....	218	DTC Logic .....	240
DTC Logic .....	218	Diagnosis Procedure .....	240
Diagnosis Procedure .....	218	<b>B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT .....</b>	<b>242</b>
<b>B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR .....</b>	<b>220</b>	Description .....	242
Description .....	220	DTC Logic .....	242
DTC Logic .....	220	Diagnosis Procedure .....	242
Diagnosis Procedure .....	220	<b>B1080, B1096 DRIVER AIR BAG MODULE ...</b>	<b>244</b>
<b>B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT .....</b>	<b>222</b>	Description .....	244
Description .....	222	DTC Logic .....	244
DTC Logic .....	222	Diagnosis Procedure .....	244
Diagnosis Procedure .....	222	<b>B1081 SEAT BELT PRE-TENSIONER RH .....</b>	<b>246</b>
<b>B1049, B1054 DRIVER AIR BAG MODULE ..</b>	<b>224</b>	Description .....	246
Description .....	224	DTC Logic .....	246
DTC Logic .....	224	Diagnosis Procedure .....	246
Diagnosis Procedure .....	224	<b>B1082 SEAT BELT PRE-TENSIONER RH .....</b>	<b>248</b>
<b>B1050, B1055 DRIVER AIR BAG MODULE ..</b>	<b>226</b>	Description .....	248
Description .....	226	DTC Logic .....	248
DTC Logic .....	226	Diagnosis Procedure .....	248
Diagnosis Procedure .....	226	<b>B1083 SEAT BELT PRE-TENSIONER RH .....</b>	<b>250</b>
<b>B1051, B1056 DRIVER AIR BAG MODULE ..</b>	<b>228</b>	Description .....	250
Description .....	228	DTC Logic .....	250
DTC Logic .....	228	Diagnosis Procedure .....	250
Diagnosis Procedure .....	228	<b>B1084 SEAT BELT PRE-TENSIONER RH .....</b>	<b>252</b>
<b>B1052, B1057 DRIVER AIR BAG MODULE ..</b>	<b>230</b>	Description .....	252
Description .....	230	DTC Logic .....	252
DTC Logic .....	230	Diagnosis Procedure .....	252
Diagnosis Procedure .....	230	<b>B1086 SEAT BELT PRE-TENSIONER LH .....</b>	<b>254</b>
<b>B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT .....</b>	<b>232</b>	Description .....	254
Description .....	232	DTC Logic .....	254
DTC Logic .....	232	Diagnosis Procedure .....	254
Diagnosis Procedure .....	232	<b>B1087 SEAT BELT PRE-TENSIONER LH .....</b>	<b>256</b>
<b>B1065, B1070 PASSENGER AIR BAG MOD- ULE .....</b>	<b>234</b>	Description .....	256
Description .....	234	DTC Logic .....	256
DTC Logic .....	234	Diagnosis Procedure .....	256
Diagnosis Procedure .....	234	<b>B1088 SEAT BELT PRE-TENSIONER LH .....</b>	<b>258</b>
<b>B1066, B1071 PASSENGER AIR BAG MOD- ULE .....</b>	<b>236</b>	Description .....	258
Description .....	236	DTC Logic .....	258
DTC Logic .....	236	Diagnosis Procedure .....	258
Diagnosis Procedure .....	236	<b>B1089 SEAT BELT PRE-TENSIONER LH .....</b>	<b>260</b>
		Description .....	260
		DTC Logic .....	260

Diagnosis Procedure .....	260	Description .....	284	
<b>B1090, B1091, B1092, B1093, B1094, B1095</b>		DTC Logic .....	284	A
<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>262</b>	Diagnosis Procedure .....	284	
Description .....	262	<b>B1132 SIDE AIR BAG MODULE RH .....</b>	<b>286</b>	B
DTC Logic .....	262	Description .....	286	
Diagnosis Procedure .....	262	DTC Logic .....	286	
<b>B1106, B1107, B1108, B1109, B1110, B1111</b>		Diagnosis Procedure .....	286	C
<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>264</b>	<b>B1134 SIDE AIR BAG MODULE LH .....</b>	<b>288</b>	
Description .....	264	Description .....	288	D
DTC Logic .....	264	DTC Logic .....	288	
Diagnosis Procedure .....	264	Diagnosis Procedure .....	288	
<b>B1113, B1114 SATELLITE SENSOR RH .....</b>	<b>266</b>	<b>B1135 SIDE AIR BAG MODULE LH .....</b>	<b>290</b>	E
Description .....	266	Description .....	290	
DTC Logic .....	266	DTC Logic .....	290	
Diagnosis Procedure .....	266	Diagnosis Procedure .....	290	
<b>B1115 SATELLITE SENSOR RH .....</b>	<b>268</b>	<b>B1136 SIDE AIR BAG MODULE LH .....</b>	<b>292</b>	F
Description .....	268	Description .....	292	
DTC Logic .....	268	DTC Logic .....	292	
Diagnosis Procedure .....	268	Diagnosis Procedure .....	292	G
<b>B1116 SATELLITE SENSOR RH .....</b>	<b>270</b>	<b>B1137 SIDE AIR BAG MODULE LH .....</b>	<b>294</b>	
Description .....	270	Description .....	294	
DTC Logic .....	270	DTC Logic .....	294	
Diagnosis Procedure .....	270	Diagnosis Procedure .....	294	SRC
<b>B1118, B1119 SATELLITE SENSOR LH .....</b>	<b>272</b>	<b>B1138, B1139, B1140, B1141, B1142, B1143</b>		I
Description .....	272	<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>296</b>	
DTC Logic .....	272	Description .....	296	J
Diagnosis Procedure .....	272	DTC Logic .....	296	
<b>B1120 SATELLITE SENSOR LH .....</b>	<b>274</b>	Diagnosis Procedure .....	296	
Description .....	274	<b>B1144 DIAGNOSIS SENSOR UNIT .....</b>	<b>298</b>	K
DTC Logic .....	274	Description .....	298	
Diagnosis Procedure .....	274	DTC Logic .....	298	
<b>B1121 SATELLITE SENSOR LH .....</b>	<b>276</b>	Diagnosis Procedure .....	298	
Description .....	276	<b>B1154, B1155, B1156, B1157, B1158, B1159</b>		L
DTC Logic .....	276	<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>299</b>	
Diagnosis Procedure .....	276	Description .....	299	M
<b>B1122, B1123, B1124, B1125, B1126, B1127</b>		DTC Logic .....	299	
<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>278</b>	Diagnosis Procedure .....	299	
Description .....	278	<b>B1170, B1171, B1172, B1173, B1174, B1175</b>		N
DTC Logic .....	278	<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>301</b>	
Diagnosis Procedure .....	278	Description .....	301	
<b>B1129 SIDE AIR BAG MODULE RH .....</b>	<b>280</b>	DTC Logic .....	301	O
Description .....	280	Diagnosis Procedure .....	301	
DTC Logic .....	280	<b>B1186, B1187, B1188, B1189, B1190, B1191</b>		P
Diagnosis Procedure .....	280	<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>303</b>	
<b>B1130 SIDE AIR BAG MODULE RH .....</b>	<b>282</b>	Description .....	303	
Description .....	282	DTC Logic .....	303	
DTC Logic .....	282	Diagnosis Procedure .....	303	
Diagnosis Procedure .....	282	<b>B1202, B1203, B1204, B1205, B1206, B1207</b>		
<b>B1131 SIDE AIR BAG MODULE RH .....</b>	<b>284</b>	<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>305</b>	
		Description .....	305	

DTC Logic .....	305	DTC Logic .....	322
Diagnosis Procedure .....	305	Diagnosis Procedure .....	322
<b>B1209 FRONTAL COLLISION DETECTION .</b>	<b>307</b>	<b>B1260 DOOR-MOUNTED CURTAIN AIR BAG</b>	
Description .....	307	<b>MODULE RH .....</b>	<b>324</b>
DTC Logic .....	307	Description .....	324
Diagnosis Procedure .....	307	DTC Logic .....	324
		Diagnosis Procedure .....	324
<b>B1210 SIDE COLLISION DETECTION .....</b>	<b>308</b>	<b>B1262 DOOR-MOUNTED CURTAIN AIR BAG</b>	
Description .....	308	<b>MODULE LH .....</b>	<b>326</b>
DTC Logic .....	308	Description .....	326
Diagnosis Procedure .....	308	DTC Logic .....	326
		Diagnosis Procedure .....	326
<b>B1211 ROLLOVER DETECTION .....</b>	<b>309</b>	<b>B1263 DOOR-MOUNTED CURTAIN AIR BAG</b>	
Description .....	309	<b>MODULE LH .....</b>	<b>328</b>
DTC Logic .....	309	Description .....	328
Diagnosis Procedure .....	309	DTC Logic .....	328
		Diagnosis Procedure .....	328
<b>B1212, B1213, B1214 SATELLITE SENSOR</b>		<b>B1264 DOOR-MOUNTED CURTAIN AIR BAG</b>	
<b>RH .....</b>	<b>310</b>	<b>MODULE LH .....</b>	<b>330</b>
Description .....	310	Description .....	330
DTC Logic .....	310	DTC Logic .....	330
Diagnosis Procedure .....	310	Diagnosis Procedure .....	330
<b>B1215, B1216, B1217 SATELLITE SENSOR</b>		<b>B1265 DOOR-MOUNTED CURTAIN AIR BAG</b>	
<b>LH .....</b>	<b>312</b>	<b>MODULE LH .....</b>	<b>332</b>
Description .....	312	Description .....	332
DTC Logic .....	312	DTC Logic .....	332
Diagnosis Procedure .....	312	Diagnosis Procedure .....	332
<b>B1218, B1219, B1220, B1221, B1222, B1223</b>		<b>B1266, B1267, B1268, B1269 DIAGNOSIS</b>	
<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>314</b>	<b>SENSOR UNIT .....</b>	<b>334</b>
Description .....	314	DTC Logic .....	334
DTC Logic .....	314	Diagnosis Procedure .....	334
Diagnosis Procedure .....	314		
<b>B1234, B1235, B1236, B1237, B1238, B1239</b>		<b>B1282, B1283, B1284, B1285 DIAGNOSIS</b>	
<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>316</b>	<b>SENSOR UNIT .....</b>	<b>335</b>
DTC Logic .....	316	DTC Logic .....	335
Diagnosis Procedure .....	316	Diagnosis Procedure .....	335
<b>B1250, B1251, B1252, B1253, B1254, B1255</b>		<b>B1336, B1337 SATELLITE SENSOR RH .....</b>	<b>336</b>
<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>317</b>	Description .....	336
DTC Logic .....	317	DTC Logic .....	336
Diagnosis Procedure .....	317	Diagnosis Procedure .....	336
<b>B1257 DOOR-MOUNTED CURTAIN AIR BAG</b>		<b>B1338, B1340, B1341, B1342 SATELLITE</b>	
<b>MODULE RH .....</b>	<b>318</b>	<b>SENSOR RH .....</b>	<b>338</b>
Description .....	318	Description .....	338
DTC Logic .....	318	DTC Logic .....	338
Diagnosis Procedure .....	318	Diagnosis Procedure .....	338
<b>B1258 DOOR-MOUNTED CURTAIN AIR BAG</b>		<b>B1339 SATELLITE SENSOR RH .....</b>	<b>340</b>
<b>MODULE RH .....</b>	<b>320</b>	Description .....	340
Description .....	320	DTC Logic .....	340
DTC Logic .....	320	Diagnosis Procedure .....	340
Diagnosis Procedure .....	320		
<b>B1259 DOOR-MOUNTED CURTAIN AIR BAG</b>		<b>B1343, B1344 SATELLITE SENSOR LH .....</b>	<b>341</b>
<b>MODULE RH .....</b>	<b>322</b>	Description .....	341
Description .....	322		



DTC Logic .....	341	<b>DIAGNOSIS SENSOR UNIT .....</b>	<b>348</b>	
Diagnosis Procedure .....	341	DTC Index .....	348	A
<b>B1345, B1347, B1348, B1349 SATELLITE</b>		Wiring Diagram - SRS AIR BAG CONTROL SYS-		
<b>SENSOR LH .....</b>	<b>343</b>	TEM - .....	352	B
Description .....	343	<b>SYMPTOM DIAGNOSIS .....</b>	<b>354</b>	
DTC Logic .....	343	<b>SRS AIR BAG WARNING LAMP DOES NOT</b>		
Diagnosis Procedure .....	343	<b>TURN OFF .....</b>	<b>354</b>	C
<b>B1346 SATELLITE SENSOR LH .....</b>	<b>345</b>	Diagnosis Procedure .....	354	
Description .....	345	<b>SRS AIR BAG WARNING LAMP DOES NOT</b>		
DTC Logic .....	345	<b>TURN ON .....</b>	<b>355</b>	D
Diagnosis Procedure .....	345	Diagnosis Procedure .....	355	
<b>B1350, B1351 SATELLITE SENSOR .....</b>	<b>346</b>	<b>PRECAUTION .....</b>	<b>356</b>	E
Description .....	346	<b>PRECAUTIONS .....</b>	<b>356</b>	
DTC Logic .....	346	Precaution for Supplemental Restraint System		F
Diagnosis Procedure .....	346	(SRS) "AIR BAG" and "SEAT BELT PRE-TEN-		
<b>B1378, B1379, B1380, B1381 DIAGNOSIS</b>		SIONER" .....	356	
<b>SENSOR UNIT .....</b>	<b>347</b>	Service .....	356	G
DTC Logic .....	347	Occupant Classification System Precaution .....	356	
Diagnosis Procedure .....	347	Precaution for Battery Service .....	357	
<b>ECU DIAGNOSIS INFORMATION .....</b>	<b>348</b>			

**SRC**

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# DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[COUPE]

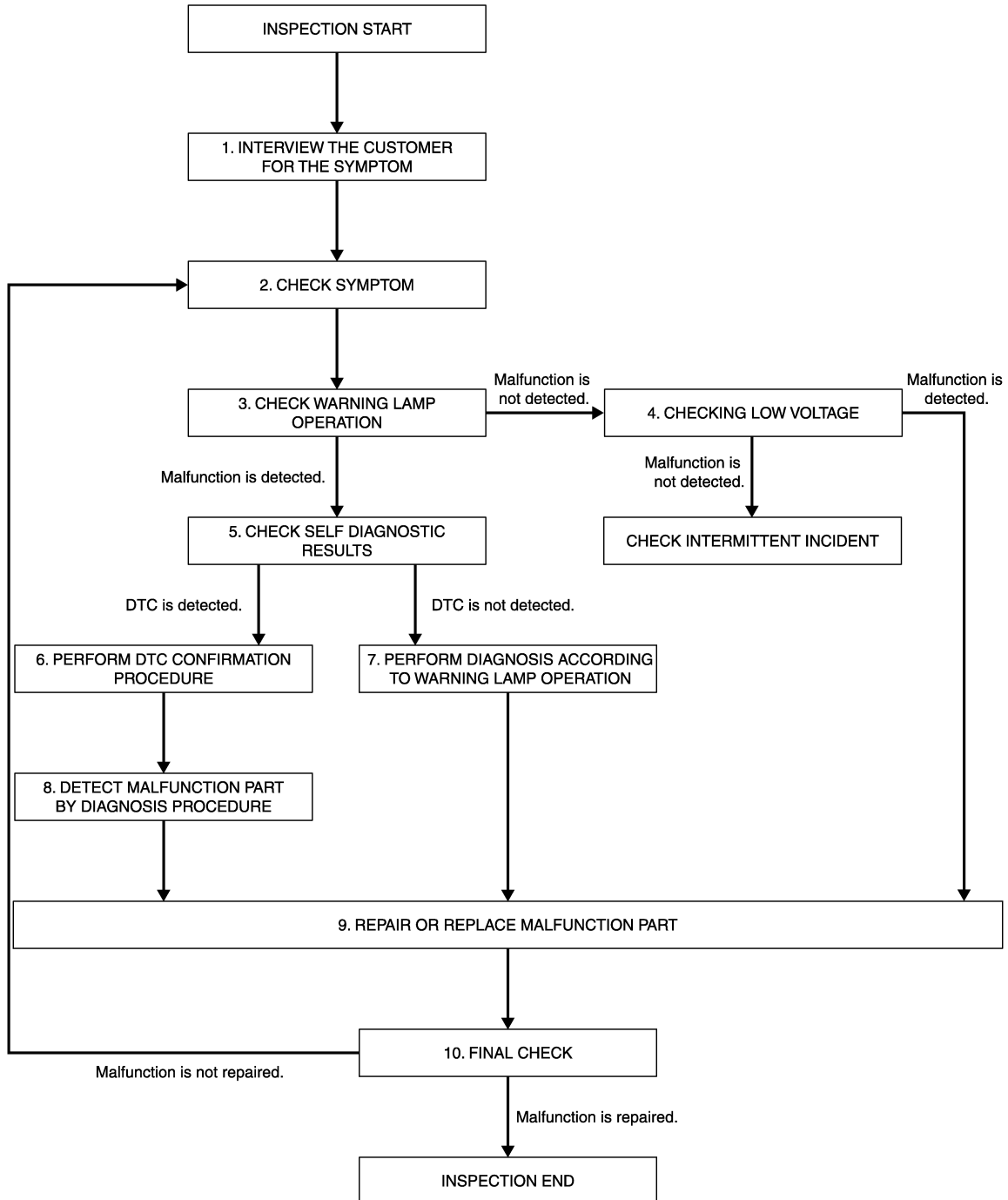
## BASIC INSPECTION

### DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000008196677

#### OVERALL SEQUENCE



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DETAILED FLOW

# DIAGNOSIS AND REPAIR WORK FLOW

[COUPE]

< 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-19, "Diagnosis with Air Bag Warning Lamp"](#).

Are any malfunction detected?

YES >> GO TO 5.

NO >> GO TO 4.

## 4. CHECK LOW VOLTAGE

Check low voltage with CONSULT. Refer to [SRC-22, "CONSULT Function"](#).

Are any malfunction detected?

YES >> GO TO 9.

NO >> Check intermittent incident. Refer to [GI-45, "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-19, "Diagnosis with Air Bag Warning Lamp"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#) (USER MODE).

>> GO TO 9.

## 8. DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

Inspect according to Diagnostic Procedure of the DTC.

>> GO TO 9.

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## DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[COUPE]

---

### 9.REPAIR OR REPLACE THE MALFUNCTION PART

---

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.

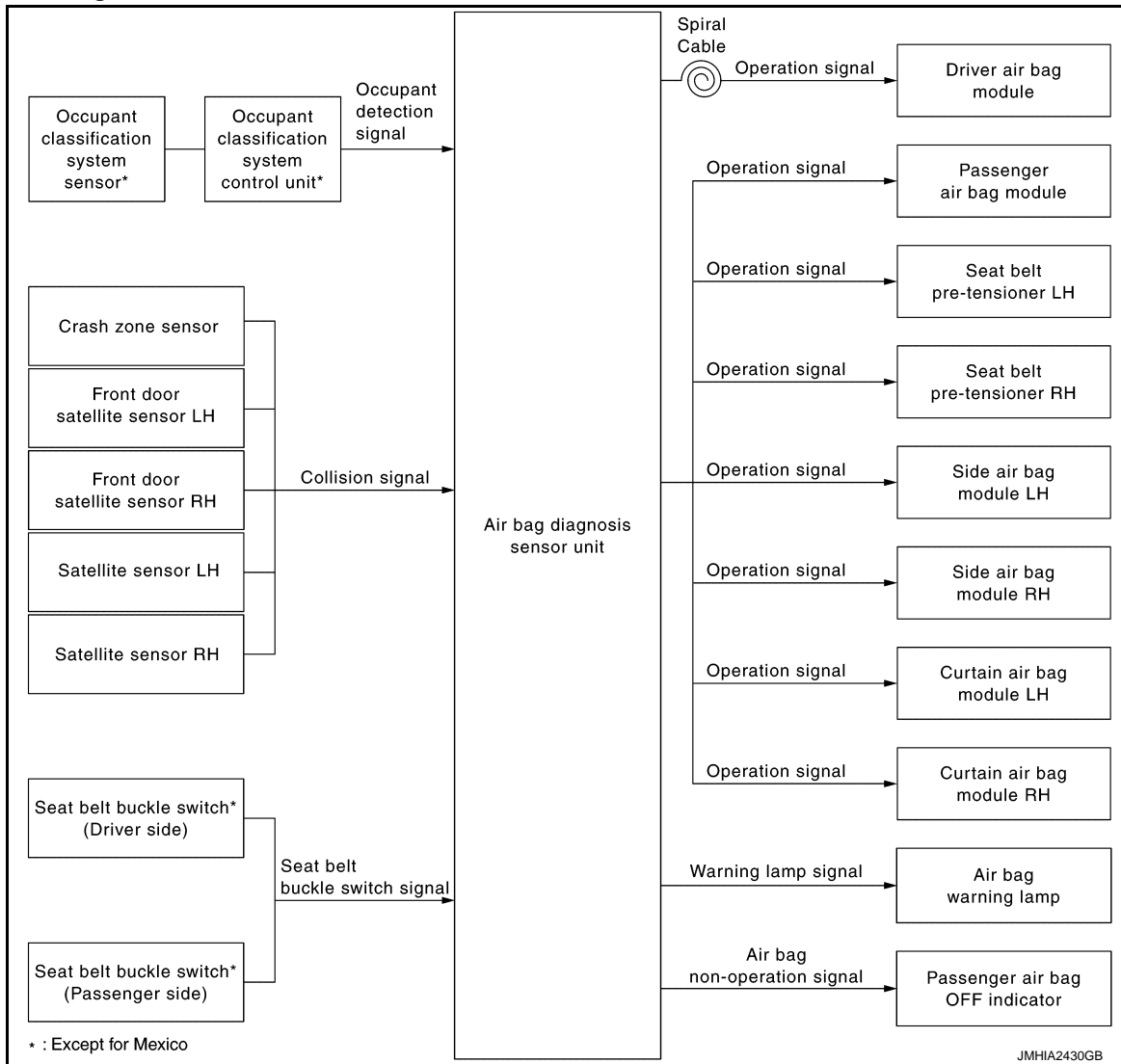
Is the malfunction repaired?

YES >> INSPECTION END  
NO >> GO TO 2.

SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

System Diagram



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System Description

INFOID:000000008196679

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 in air bag diagnosis sensor unit, crash zone sensor, or satellite sensor, or when pressure that is more than the specified limit is detected by 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.

When air bag diagnosis sensor unit detects a rollover of the vehicle, electric igniter (squib) receives power supply, pyrotechnic material is ignited, and then piston is projected.

AIR BAG DIAGNOSIS SENSOR UNIT FUNCTIONS

# SRS AIR BAG SYSTEM

[COUPE]

## < SYSTEM DESCRIPTION >

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.
- Detects and records the deployment of air bag and seat belt pre-tensioner, and turns ON air bag warning lamp.
- Indicates malfunctioning portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunction record via CONSULT.
- Suppresses the deployment of passenger air bag when passenger seat is empty or occupied by child or child-seat.
- When passenger seat is occupied by child or child seat, turns ON passenger air bag OFF indicator.
- When judges that passenger seat is occupied by an adult or a child and passenger seat belt is not fastened, turns ON seat belt warning lamp. Further information for the seat belt warning system, refer to [SBC-3, "System Description"](#).

## 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 but not in a side collision.

SRS configurations that are activated for the following collision modes.

×: Apply —: Not apply

Collision Mode	Driver air bag module	Passenger air bag module	Seat belt pre-tensioner LH	Seat belt pre-tensioner RH	Side air bag module LH	Side air bag module RH	Curtain air bag module LH	Curtain air bag module RH
Frontal collision	×	×	×	×	—	—	—	—
Left side collision	—	—	—	—	×	—	×	—
Right side collision	—	—	—	—	—	×	—	×

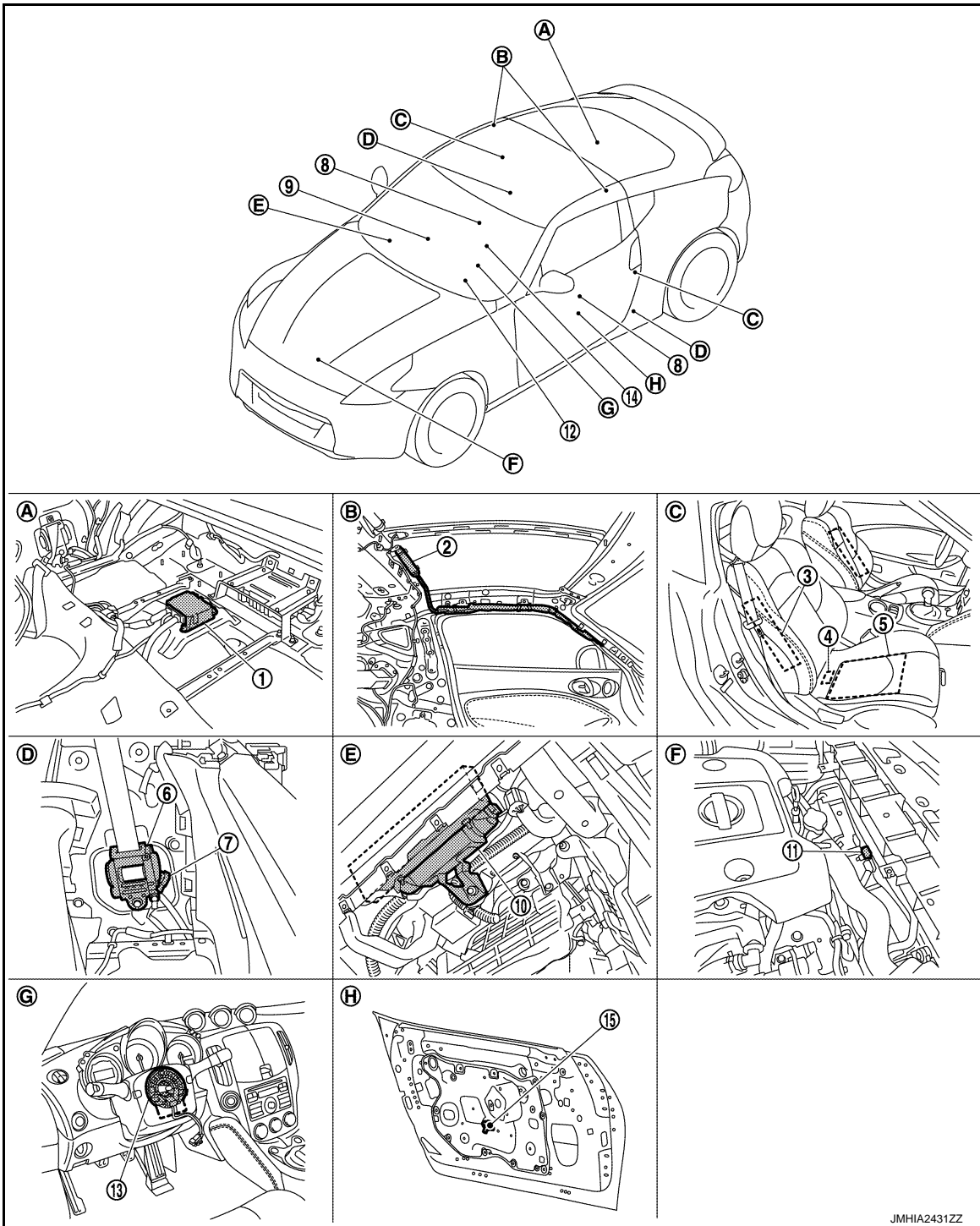
# SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

[COUPE]

## Component Parts Location

INFOID:000000008196680



- |  |  |                                       |
|--|--|---------------------------------------|
| 1. Air bag diagnosis sensor unit               | 2. Curtain air bag module LH/RH                          | 3. Side air bag module LH/RH          |
| 4. Occupant Classification System control unit | 5. Occupant Classification System seat sensor mat        | 6. Seat belt pre-tensioner LH/RH      |
| 7. Satellite sensor LH/RH                      | 8. Seat belt buckle switch (Driver side/ Passenger side) | 9. Passenger air bag OFF indicator    |
| 10. Passenger air bag module                   | 11. Crash zone sensor                                    | 12. Combination meter                 |
| 13. Combination switch (spiral cable)          | 14. Driver air bag module                                | 14. Front door satellite sensor LH/RH |
| A. Behind seatback center finisher             | B. Behind headlining                                     | C. Passenger seat                     |

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# SRS AIR BAG SYSTEM

[COUPE]

## < SYSTEM DESCRIPTION >

- D. Behind rear side finisher      E. Behind glove box assembly      F. Radiator core support assembly  
 G. View with steering wheel removed      H. View with front door finisher removed

## Component Description

INFOID:000000008196681

Component	Function
Air bag diagnosis sensor unit	Detects a collision and supplies power supply for deployment to air bag module and pre-tensioner seat belt.
Air bag module <ul style="list-style-type: none"> <li>• Driver</li> <li>• Passenger</li> <li>• Side</li> <li>• Curtain</li> </ul>	Receives signal from air bag diagnosis sensor unit and deploys air bag.
Seat belt pre-tensioner	Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner.
Seat belt buckle switch*	Controls deployment timing based on seat belt fastened or unfastened condition.
Crash zone sensor	Transmits signal to air bag diagnosis sensor unit when a frontal collision occurs.
Satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.
Occupant Classification System control unit*	Detects passenger seat occupant and judges whether or not passenger seat air bag is deployed.
Combination meter (air bag warning lamp)	Indicates air bag malfunctioning and deployment by blinking and illuminating air bag warning lamp.
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.
Combination switch (spiral cable)	Supplies power supply to driver air bag module on steering wheel.
Front door satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.

\*:Except Mexico



# OCCUPANT CLASSIFICATION SYSTEM (EXCEPT FOR MEXICO)

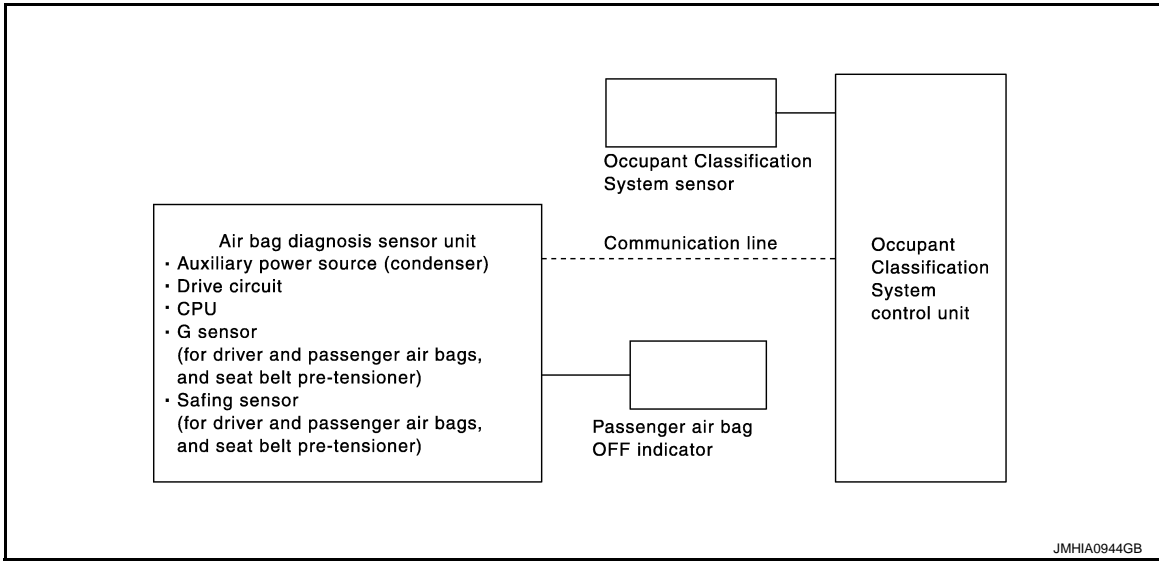
< SYSTEM DESCRIPTION >

[COUPE]

## OCCUPANT CLASSIFICATION SYSTEM (EXCEPT FOR MEXICO)

### System Diagram

INFOID:000000008196682



### System Description

INFOID:000000008196683

Occupant Classification System has the following functions.

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

SRC

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

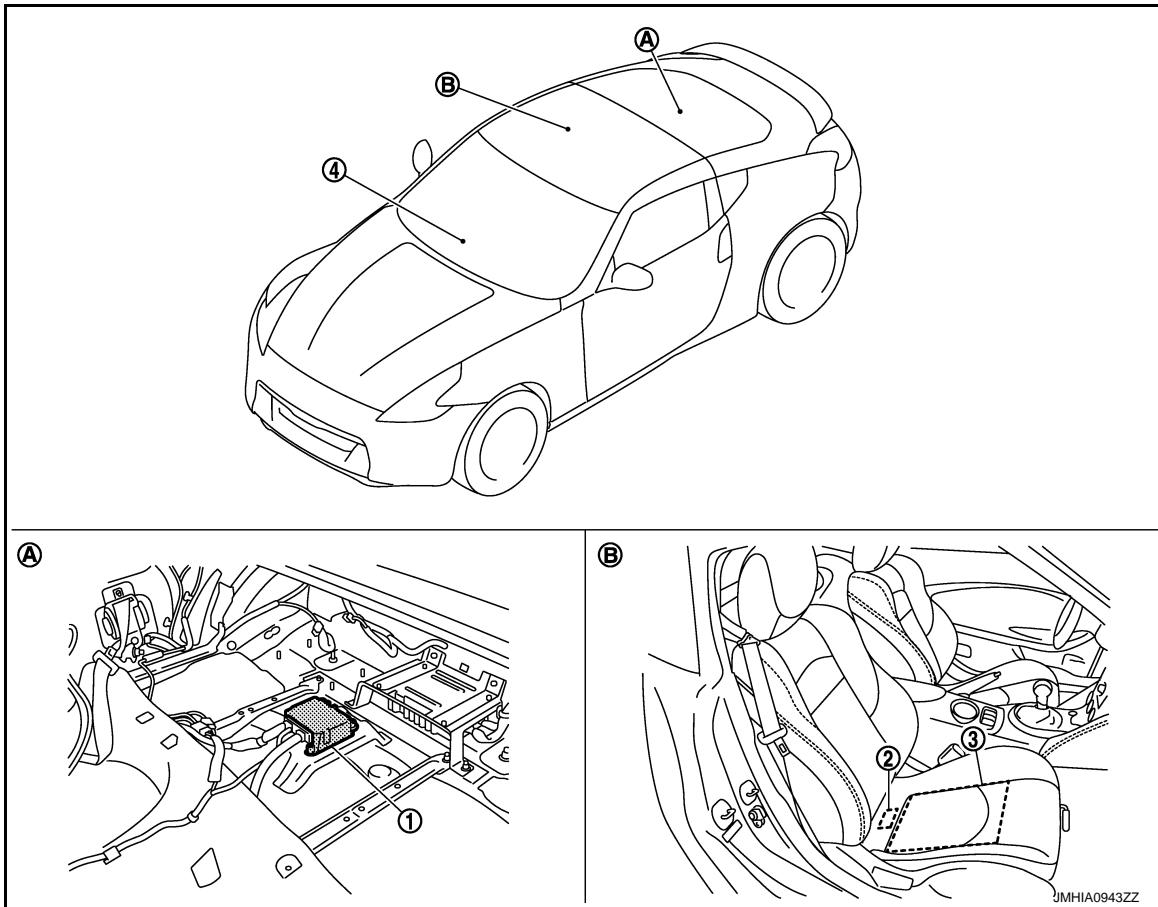
# OCCUPANT CLASSIFICATION SYSTEM (EXCEPT FOR MEXICO)

< SYSTEM DESCRIPTION >

[COUPE]

## Component Parts Location

INFOID:000000008196684



- 1. Air bag diagnosis sensor unit
- 2. Occupant Classification System control unit
- 3. Occupant Classification System seat sensor mat
- 4. Passenger air bag OFF indicator
- A. Behind seatback center finisher
- B. Passenger seat

## Component Description

INFOID:000000008196685

Component parts	Outline of function
Occupant Classification System seat sensor mat	Detects if the passenger seat is empty or occupied. It is integrated into the seat cushion and detects the occupants with occupant classification system control unit that classifies the occupants.
Occupant Classification System control unit	Transmits the passenger seat status (occupied or empty) to air bag diagnosis sensor unit. It is installed in the passenger seat cushion.
Passenger air bag OFF indicator	Turns the passenger air bag OFF indicator lamp ON when the front passenger seat is occupied by a child or a child-seat

# DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

[COUPE]

## DIAGNOSIS SYSTEM (AIR BAG)

### Diagnosis Description

INFOID:000000008196686

#### 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-diagnosis 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	—	×

### Diagnosis with Air Bag Warning Lamp

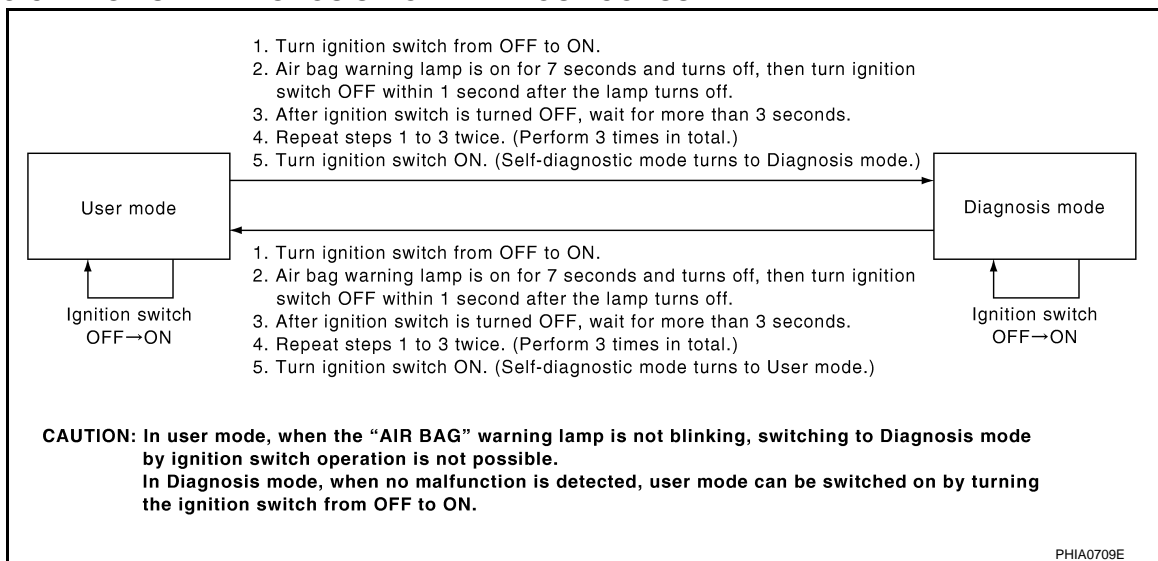
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#### SELF DIAGNOSIS FUNCTION

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

- USER MODE
- DIAGNOSIS MODE

#### HOW TO CHANGE SELF DIAGNOSIS MODE WITHOUT CONSULT



#### 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

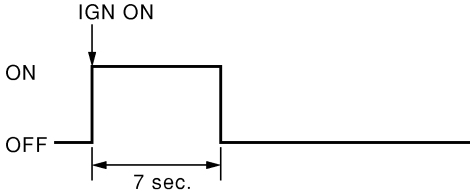
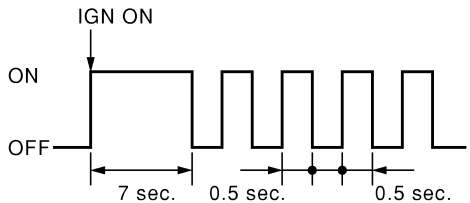
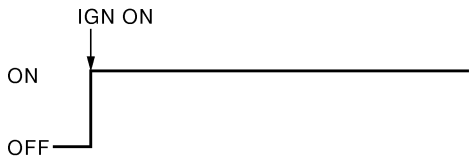

1. Turn the ignition switch from OFF to ON, and check that the air bag warning lamp blinks.
2. Compare the air bag warning lamp blinking pattern with the examples.

#### Air Bag Warning Lamp Examples

# DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

[COUPE]

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>	<p>The system is malfunctioning</p> <p>Battery voltage is low (less than 9 V)</p> <p>Intermittent malfunction is detected in the past</p>	<p>Check "Self Diagnostic Result" with CONSULT Refer to <a href="#">SRC-22, "CONSULT Function"</a></p> <p>Check "Cause of Warning Lamp" with CONSULT. Refer to <a href="#">SRC-22, "CONSULT Function"</a></p> <p>Go to <a href="#">GI-45, "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-145, "Diagnosis Procedure"</a> or <a href="#">SRC-146, "Diagnosis Procedure"</a></p> <p>Go to <a href="#">SRC-176, "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-177, "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 "HOW TO CHANGE SELF-DIAGNOSIS MODE WITHOUT CONSULT", 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.

# DIAGNOSIS SYSTEM (AIR BAG)

[COUPE]

< 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	Self-diagnosis result is not deleted
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

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

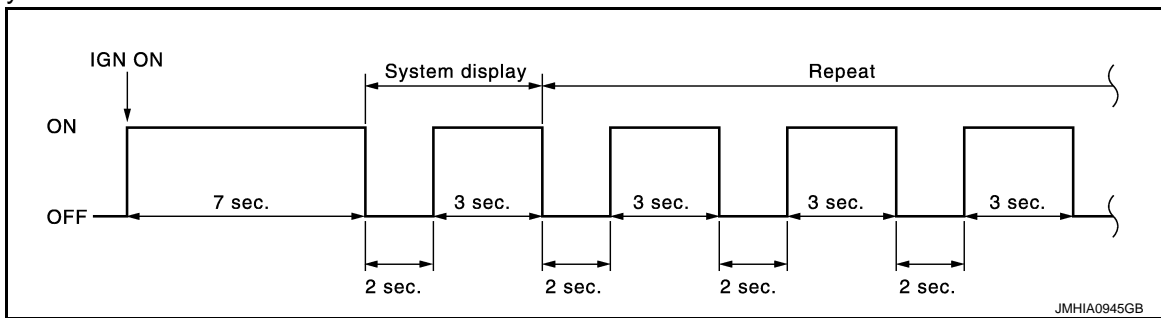
How to Erase Self Diagnosis Result

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-diagnosis result is cleared.

EXAMPLE OF AIR BAG WARNING LAMP OPERATION IN THE DIAGNOSIS MODE

System Normal

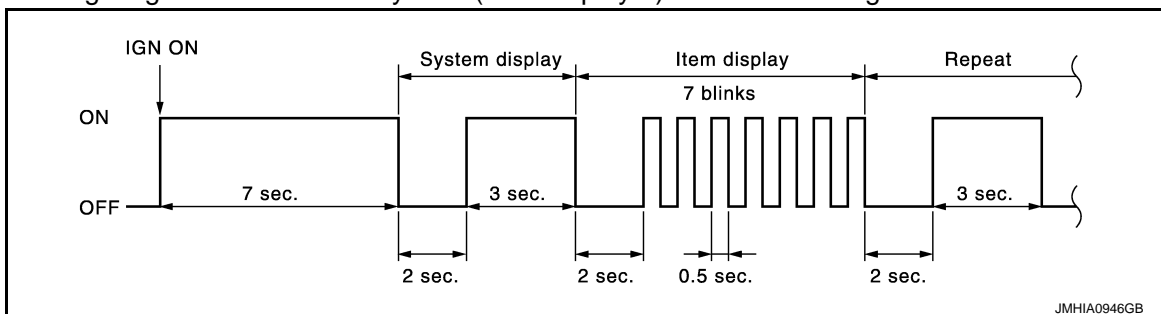
When system is normal.



Single System Malfunction

- Front air bag system

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

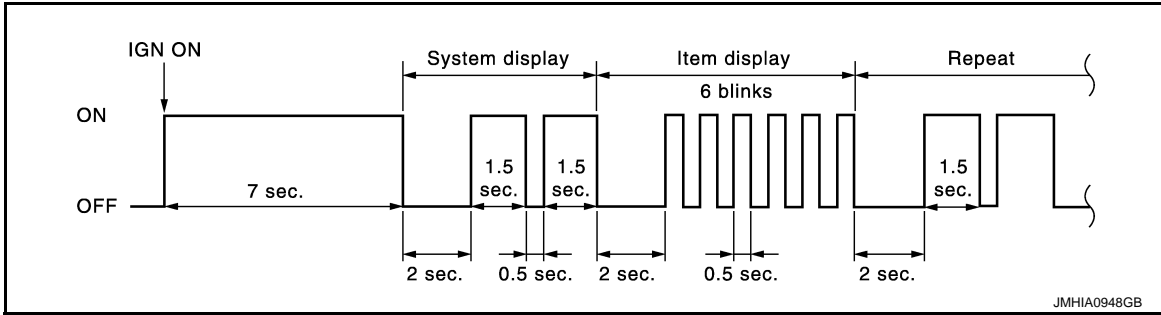


# DIAGNOSIS SYSTEM (AIR BAG)

[COUPE]

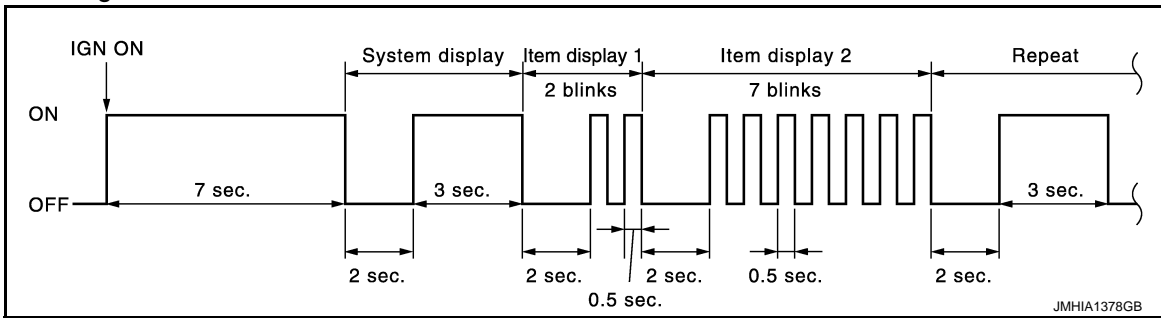
## < SYSTEM DESCRIPTION >

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

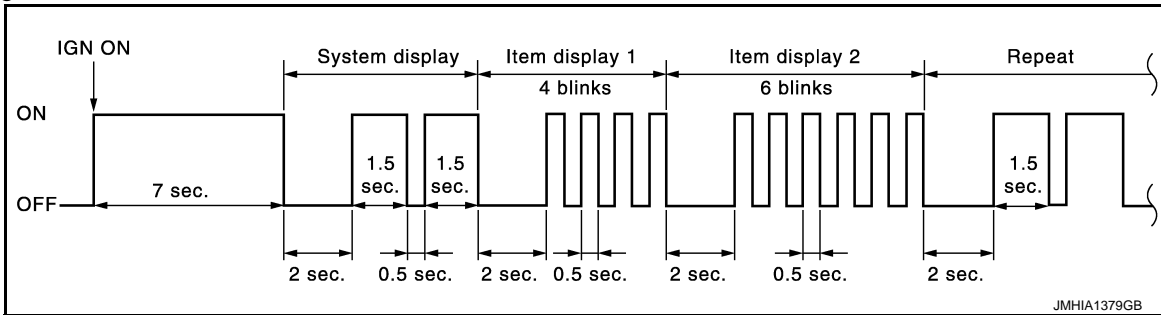


### Multiple Systems Malfunction

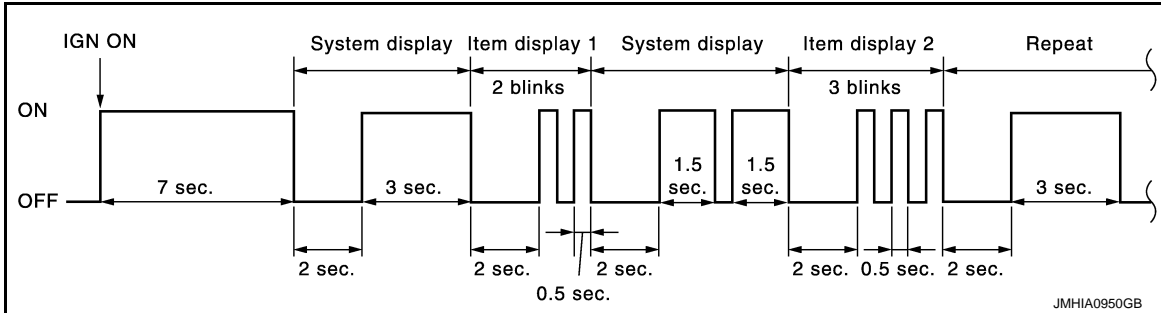
- Front air bag system  
When driver air bag module (Item display 1) and air bag diagnosis sensor unit system (Item display 2) are malfunctioning.



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



## CONSULT Function

INFOID:000000008196688

### APPLICATION ITEM

CONSULT performs the following functions.

# DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

[COUPE]

Diagnosis mode	Description
ECU Identification	Air bag diagnosis sensor unit ECU discriminated number (identification number) or part number is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) or part number based on model and equipment.
Self Diagnostic Result	<ul style="list-style-type: none"> <li>Self-diagnosis result is displayed. Refer to <a href="#">SRC-170, "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> 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>
TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT screen.
SELF-DIAG RESULT [CAN]	This item is displayed, but cannot be supported.
Cause of Warning Lamp	It displays the cause of warning lamp illumination that is not recorded in memory.

## CAUSE OF WARNING LAMP

The SRS air bag warning lamp blinks when the ignition voltage is a voltage value (9V or less) 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 ignition 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.
- \*: Pressure inside of door is excessively low and air bag system cannot be operated normally (example: altitude is approximately 4,000 m or more).

SRC

Display item	Display content	Actions by worker
IGN VOLT COND	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. <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>	Perform the check at an altitude of 4,000 m or less. <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> If battery voltage is normal, the cause may be that out of detection range of satellite sensor in door is detected.</p>
IGN VOLT TIME	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. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)	
LOW V RECORDED	Number of times ignition switch ON is displayed after ignition voltage error or out of detection range of satellite sensor in door is detected. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)	

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## DTC/CIRCUIT DIAGNOSIS

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

#### Description

INFOID:000000008196689

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

#### DTC Logic

INFOID:000000008196690

#### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1001 B1002 B1003 B1004 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

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

###### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-24, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

#### Diagnosis Procedure

INFOID:000000008196691

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).



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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

2. Perform DTC confirmation procedure. Refer to [SRC-24, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

### Description

INFOID:000000008196692

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196693

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1006 B1007 B1008 B1009 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 "AIR BAG" Self-Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-26. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196694

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-26. "DTC Logic"](#)

#### Is DTC detected?

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

### Description

INFOID:000000008196695

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196696

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1011 B1012 B1013 B1014 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

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-28, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196697

#### WARNING:

- **Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-28, "DTC Logic"](#)

Is DTC detected?

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

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# B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

### Description

INFOID:000000008196698

This unit classifies occupant in passenger seat and detects electrical malfunctions in Occupant Classification System, and transmits malfunction information to air bag diagnosis sensor unit.

### DTC Logic

INFOID:000000008196699

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Occupant Classification System control unit is malfunctioning	<ul style="list-style-type: none"><li>Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result with CONSULT.

##### Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196700

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-30, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.

# B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

## 4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-71, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-30, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1018 OCCUPANT SYSTEM SENSOR

### Description

INFOID:000000008196701

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

### DTC Logic

INFOID:000000008196702

### 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>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result with CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196703

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-32, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.



# B1018 OCCUPANT SYSTEM SENSOR

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

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

1. Replace passenger seat cushion assembly. Refer to [SE-71, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-32, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1022 OCCUPANT SYSTEM CONTROL UNIT

### Description

INFOID:000000008196704

This unit classifies occupant in passenger seat and detects electrical malfunctions in Occupant Classification System, and transmits malfunction information to air bag diagnosis sensor unit.

### DTC Logic

INFOID:000000008196705

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1022	OCCUPANT SENS C/U [COMM FAIL]	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit-Air bag diagnosis sensor unit, or Air bag diagnosis sensor unit	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result with CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196706

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-34. "DTC Logic"](#).

Is DTC detected?

# B1022 OCCUPANT SYSTEM CONTROL UNIT

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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

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## 4.CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-71. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-34. "DTC Logic"](#).

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Is DTC detected?

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

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# B1023 PASSENGER AIR BAG OFF INDICATOR

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## B1023 PASSENGER AIR BAG OFF INDICATOR

### Description

INFOID:000000008196707

Illuminates passenger air bag OFF indicator when the passenger seat is empty or occupied by a child or a child-seat.

### DTC Logic

INFOID:000000008196708

### 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>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result with CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196709

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 [IP-14, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-36, "DTC Logic"](#).

#### Is DTC detected?

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

# B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4.CHECK PASSENGER AIR BAG OFF INDICATOR

1. Replace passenger air bag OFF indicator. Refer to [IP-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-36, "DTC Logic"](#).

Is DTC detected?

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

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# B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

### Description

INFOID:000000008196710

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

### DTC Logic

INFOID:000000008196711

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1025 B1032 B1048	OCS SENSOR	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit-Air bag diagnosis sensor unit, or Air bag diagnosis sensor unit	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</li><li>• Internal breakdown 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 "AIR BAG" Self Diagnostic Result with CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196712

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-38. "DTC Logic"](#).

Is DTC detected?

# B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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

A

## 4.CHECK OCCUPANT DETECTION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-71. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-38. "DTC Logic"](#).

B

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

### Description

INFOID:000000008196713

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196714

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1026 B1027 B1028 B1029 B1030 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196715

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-40, "DTC Logic"](#).



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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1033, B1034 CRASH ZONE SENSOR

### Description

INFOID:000000008196716

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.

### DTC Logic

INFOID:000000008196717

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1033 B1034	CRASH ZONE SENSOR [UNIT FAIL]	Crash zone sensor is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196718

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-42, "DTC Logic"](#).

Is DTC detected?

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

#### 4. REPLACE CRASH ZONE SENSOR

# B1033, B1034 CRASH ZONE SENSOR

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace crash zone sensor. Refer to [SR-26. "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-42. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1035, B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1035, B1036 CRASH ZONE SENSOR

### Description

INFOID:000000008196719

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.

### DTC Logic

INFOID:000000008196720

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1035 B1036	CRASH ZONE SENSOR [COMM FAIL] [UNMATCH]	Crash zone sensor is malfunctioning or out of the specified specification	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-44, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196721

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-44, "DTC Logic"](#).

#### Is DTC detected?

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

# B1035, B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-26, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-44, "DTC Logic"](#).

Is DTC detected?

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

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# B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

### Description

INFOID:000000008814791

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.

### DTC Logic

INFOID:000000008814792

### DTC DETECTION LOGIC

DTC	CONSULT screen terms	DTC detecting condition	Possible cause
B1037 B1039 B1041	CRASH ZONE SENS1	Crash zone sensor is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</li><li>• Malfunction in crash zone sensor</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul>
B1038	CRASH ZONE SEN [OPEN/UPR-VB-SHORT]		
B1040	CRASH ZONE SEN [SHORT/UPR-GND-SHORT]		

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-46. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814793

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-26. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-46. "DTC Logic"](#).

Is DTC detected?

# B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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

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## 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30. "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-46. "DTC Logic"](#).

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Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

### Description

INFOID:000000008196725

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196726

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1042 B1043 B1044 B1045 B1046 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-48, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196727

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-48, "DTC Logic"](#).



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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1049, B1054 DRIVER AIR BAG MODULE

### Description

INFOID:000000008196728

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.

### DTC Logic

INFOID:000000008196729

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-50, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196730

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 connector and combination switch (spiral cable) 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 >

[COUPE]

Except for Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

For Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	

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

Except for Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

For Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-17, "Exploded View"](#).

## 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-50, "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-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-50, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1050, B1055 DRIVER AIR BAG MODULE

### Description

INFOID:000000008196731

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.

### DTC Logic

INFOID:000000008196732

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196733

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 connector and combination switch (spiral cable) connector.
3. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.

# B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Except for Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

For Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	

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

Except for Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

For Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-17, "Exploded View"](#).

## 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#)
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-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-52, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1051, B1056 DRIVER AIR BAG MODULE

### Description

INFOID:000000008196734

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.

### DTC Logic

INFOID:000000008196735

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196736

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 connector and combination switch (spiral cable) connector.
3. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.

# B1051, B1056 DRIVER AIR BAG MODULE

[COUPE]

## < DTC/CIRCUIT DIAGNOSIS >

Except for Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

For Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	

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

Except for Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

For Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-17, "Exploded View"](#).

### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-54, "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-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-54, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1052, B1057 DRIVER AIR BAG MODULE

### Description

INFOID:000000008196737

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.

### DTC Logic

INFOID:000000008196738

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1052 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196739

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 connector and combination switch (spiral cable) connector.
3. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.



# B1052, B1057 DRIVER AIR BAG MODULE

[COUPE]

## < DTC/CIRCUIT DIAGNOSIS >

Except for Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

For Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	

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

Except for Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

For Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-17, "Exploded View"](#).

### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#)
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-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-56, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

### Description

INFOID:000000008196740

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196741

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1058 B1059 B1060 B1061 B1062 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196742

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-58, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1065, B1070 PASSENGER AIR BAG MODULE

### Description

INFOID:000000008196743

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.

### DTC Logic

INFOID:000000008196744

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196745

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-60. "DTC Logic"](#).

#### Is DTC detected?

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

# B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to [SR-20, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-60, "DTC Logic"](#).

Is DTC detected?

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

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# B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1066, B1071 PASSENGER AIR BAG MODULE

### Description

INFOID:000000008196746

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.

### DTC Logic

INFOID:000000008196747

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-62. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196748

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-62. "DTC Logic"](#).

#### Is DTC detected?

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

# B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to [SR-20, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-62, "DTC Logic"](#).

Is DTC detected?

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

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# B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1067, B1072 PASSENGER AIR BAG MODULE

### Description

INFOID:000000008196749

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.

### DTC Logic

INFOID:000000008196750

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-64. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196751

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-64. "DTC Logic"](#).

#### Is DTC detected?

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



# B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to [SR-20, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-64, "DTC Logic"](#).

Is DTC detected?

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

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# B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1068, B1073 PASSENGER AIR BAG MODULE

### Description

INFOID:000000008196752

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.

### DTC Logic

INFOID:000000008196753

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-66. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196754

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-66. "DTC Logic"](#).

#### Is DTC detected?

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

# B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to [SR-20, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-66, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

### Description

INFOID:000000008196755

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196756

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1074 B1075 B1076 B1077 B1078 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 "AIR BAG" Self Diagnostic Result.

##### ⓑ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-68, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196757

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-68, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1080, B1096 DRIVER AIR BAG MODULE

### Description

INFOID:000000008196758

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.

### DTC Logic

INFOID:000000008196759

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1080 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196760

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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

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

# B1080, B1096 DRIVER AIR BAG MODULE

[COUPE]

## < DTC/CIRCUIT DIAGNOSIS >

Except for Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

For Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	

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

Except for Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

For Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-17, "Exploded View"](#).

### 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-70, "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-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-70, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1081 SEAT BELT PRE-TENSIONER RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## B1081 SEAT BELT PRE-TENSIONER RH

### Description

INFOID:000000008196761

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196762

### 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>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196763

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-72. "DTC Logic"](#).

#### Is DTC detected?

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



# B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-72, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1082 SEAT BELT PRE-TENSIONER RH

### Description

INFOID:000000008196764

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196765

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196766

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-74. "DTC Logic"](#).

#### Is DTC detected?

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

# B1082 SEAT BELT PRE-TENSIONER RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-74, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1083 SEAT BELT PRE-TENSIONER RH

### Description

INFOID:000000008196767

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196768

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196769

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-76. "DTC Logic"](#).

#### Is DTC detected?

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

# B1083 SEAT BELT PRE-TENSIONER RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-76, "DTC Logic"](#).

Is DTC detected?

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

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# B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1084 SEAT BELT PRE-TENSIONER RH

### Description

INFOID:000000008196770

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196771

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196772

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-78. "DTC Logic"](#).

#### Is DTC detected?

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

# B1084 SEAT BELT PRE-TENSIONER RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-78, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1086 SEAT BELT PRE-TENSIONER LH

### Description

INFOID:000000008196773

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196774

### 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>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196775

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-80. "DTC Logic"](#).

#### Is DTC detected?

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



# B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-80, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1087 SEAT BELT PRE-TENSIONER LH

### Description

INFOID:000000008196776

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196777

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196778

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-82. "DTC Logic"](#).

#### Is DTC detected?

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

# B1087 SEAT BELT PRE-TENSIONER LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-82, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1088 SEAT BELT PRE-TENSIONER LH

### Description

INFOID:000000008196779

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196780

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196781

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-84. "DTC Logic"](#).

#### Is DTC detected?

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

# B1088 SEAT BELT PRE-TENSIONER LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-84, "DTC Logic"](#).

Is DTC detected?

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

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# B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1089 SEAT BELT PRE-TENSIONER LH

### Description

INFOID:000000008196782

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196783

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196784

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-86. "DTC Logic"](#).

#### Is DTC detected?

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

# B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-86, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

### Description

INFOID:000000008196785

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196786

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1090 B1091 B1092 B1093 B0194 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196787

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-88, "DTC Logic"](#).



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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

### Description

INFOID:000000008196788

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196789

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1106 B1107 B1108 B1109 B1110 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196790

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-90, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1113, B1114 SATELLITE SENSOR RH

### Description

INFOID:000000008196791

When air bag diagnosis sensor unit defines both signal voltage of the "G" 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 front side air bag and side curtain air bag.

### DTC Logic

INFOID:000000008196792

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196793

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-92, "DTC Logic"](#).

#### Is DTC detected?

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

# B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-28. "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-92. "DTC Logic"](#).

Is DTC detected?

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

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# B1115, B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1115, B1116 SATELLITE SENSOR RH

### Description

INFOID:000000008196794

When air bag diagnosis sensor unit defines both signal voltage of the "G" 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 front side air bag and side curtain air bag.

### DTC Logic

INFOID:000000008196795

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1115 B1116	SATELLITE SENS RH [COMM FAIL] [UNMATCH]	Satellite sensor RH is malfunctioning or out of the specified specification	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196796

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-94. "DTC Logic"](#).

#### Is DTC detected?

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

# B1115, B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-94, "DTC Logic"](#).

Is DTC detected?

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

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# B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1118, B1119 SATELLITE SENSOR LH

### Description

INFOID:000000008196797

When air bag diagnosis sensor unit defines both signal voltage of the "G" 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 front side air bag and side curtain air bag.

### DTC Logic

INFOID:000000008196798

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196799

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28. "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-96. "DTC Logic"](#).

#### Is DTC detected?

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



# B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-96, "DTC Logic"](#)

Is DTC detected?

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

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# B1120, B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1120, B1121 SATELLITE SENSOR LH

### Description

INFOID:000000008196800

When air bag diagnosis sensor unit defines both signal voltage of the "G" 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 front side air bag and side curtain air bag.

### DTC Logic

INFOID:000000008196801

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1120 B1121	SATELLITE SENS LH [COMM FAIL] [UNMATCH]	Satellite sensor LH is malfunctioning or out of the specified specification	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196802

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-98, "DTC Logic"](#).

Is DTC detected?

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

# B1120, B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-98, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

### Description

INFOID:000000008196803

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196804

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1122 B1123 B1124 B1125 B1126 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 "AIR BAG" Self Diagnostic Result.

##### ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196805

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-100, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1129 SIDE AIR BAG MODULE RH

### Description

INFOID:000000008196806

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.

### DTC Logic

INFOID:000000008196807

### 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>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#)

#### 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:000000008196808

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-102, "DTC Logic"](#).

Is DTC detected?

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

# B1129 SIDE AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-102, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1130 SIDE AIR BAG MODULE RH

### Description

INFOID:000000008196809

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.

### DTC Logic

INFOID:000000008196810

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-104. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196811

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-104. "DTC Logic"](#).

#### Is DTC detected?

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



# B1130 SIDE AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-104, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1131 SIDE AIR BAG MODULE RH

### Description

INFOID:000000008196812

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.

### DTC Logic

INFOID:000000008196813

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-106. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196814

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-106. "DTC Logic"](#).

Is DTC detected?

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

# B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-106, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1132 SIDE AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## B1132 SIDE AIR BAG MODULE RH

### Description

INFOID:000000008196815

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.

### DTC Logic

INFOID:000000008196816

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-108, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196817

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-108, "DTC Logic"](#).

Is DTC detected?

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

# B1132 SIDE AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-108, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1134 SIDE AIR BAG MODULE LH

### Description

INFOID:000000008196818

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.

### DTC Logic

INFOID:000000008196819

### 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>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-110. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196820

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-110. "DTC Logic"](#).

Is DTC detected?

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

# B1134 SIDE AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-110, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1135 SIDE AIR BAG MODULE LH

### Description

INFOID:000000008196821

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.

### DTC Logic

INFOID:000000008196822

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-112. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196823

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-112. "DTC Logic"](#).

Is DTC detected?

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



# B1135 SIDE AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-112, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1136 SIDE AIR BAG MODULE LH

### Description

INFOID:000000008196824

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.

### DTC Logic

INFOID:000000008196825

#### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-114, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196826

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-114, "DTC Logic"](#).

Is DTC detected?

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

# B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## 4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-114, "DTC Logic"](#).

Is DTC detected?

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

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# B1137 SIDE AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## B1137 SIDE AIR BAG MODULE LH

### Description

INFOID:000000008196827

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.

### DTC Logic

INFOID:000000008196828

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-116, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196829

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-116, "DTC Logic"](#).

Is DTC detected?

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

# B1137 SIDE AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## 4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-116, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

### Description

INFOID:000000008196830

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.

### DTC Logic

INFOID:000000008196831

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1138 B1139 B1140 B1141 B1142 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-118, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196832

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-118, "DTC Logic"](#).

Is DTC detected?

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

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# B1144 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1144 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008196833

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.

### DTC Logic

INFOID:000000008196834

#### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1144	Diagnosis sensor unit [MISS INSTALLATION]	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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196835

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
- 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 >

[COUPE]

## B1145 CURTAIN AIR BAG MODULE RH

### Description

INFOID:000000008196836

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.

### DTC Logic

INFOID:000000008196837

### 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>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196838

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-121, "DTC Logic"](#).

Is DTC detected?

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

## B1145 CURTAIN AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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### 4. REPLACE CURTAIN AIR BAG MODULE

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1. Replace curtain air bag module RH. Refer to [SE-67, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-121, "DTC Logic"](#).

Is DTC detected?

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

# B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1146 CURTAIN AIR BAG MODULE RH

### Description

INFOID:000000008196839

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.

### DTC Logic

INFOID:000000008196840

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196841

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-123, "DTC Logic"](#).

Is DTC detected?

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

## B1146 CURTAIN AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

---

### 4. REPLACE CURTAIN AIR BAG MODULE

---

1. Replace curtain air bag module RH. Refer to [SE-67, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-123, "DTC Logic"](#).

Is DTC detected?

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

# B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1147 CURTAIN AIR BAG MODULE RH

### Description

INFOID:000000008196842

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.

### DTC Logic

INFOID:000000008196843

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196844

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-125, "DTC Logic"](#).

Is DTC detected?

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

## B1147 CURTAIN AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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### 4. REPLACE CURTAIN AIR BAG MODULE

---

1. Replace curtain air bag module RH. Refer to [SE-67, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-125, "DTC Logic"](#).

Is DTC detected?

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

# B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1148 CURTAIN AIR BAG MODULE RH

### Description

INFOID:000000008196845

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.

### DTC Logic

INFOID:000000008196846

### 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>Disconnection of wiring harness and short</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

- Turn ignition switch ON.
- Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196847

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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

- Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#).
- Perform DTC confirmation procedure. Refer to [SRC-127, "DTC Logic"](#).

Is DTC detected?

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

## B1148 CURTAIN AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

---

### 4. REPLACE CURTAIN AIR BAG MODULE

---

1. Replace curtain air bag module RH. Refer to [SE-67, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-127, "DTC Logic"](#).

Is DTC detected?

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



# B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1150 CURTAIN AIR BAG MODULE LH

### Description

INFOID:000000008196848

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.

### DTC Logic

INFOID:000000008196849

### 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>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196850

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-129, "DTC Logic"](#).

Is DTC detected?

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

## B1150 CURTAIN AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

---

### 4. REPLACE CURTAIN AIR BAG MODULE

---

1. Replace curtain air bag module LH. Refer to [SE-67, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-129, "DTC Logic"](#).

Is DTC detected?

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

# B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1151 CURTAIN AIR BAG MODULE LH

### Description

INFOID:000000008196851

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.

### DTC Logic

INFOID:000000008196852

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196853

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-131, "DTC Logic"](#).

Is DTC detected?

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

## B1151 CURTAIN AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

---

### 4. REPLACE CURTAIN AIR BAG MODULE

---

1. Replace curtain air bag module LH. Refer to [SE-67, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-131, "DTC Logic"](#).

Is DTC detected?

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

# B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1152 CURTAIN AIR BAG MODULE LH

### Description

INFOID:000000008196854

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.

### DTC Logic

INFOID:000000008196855

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196856

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-133, "DTC Logic"](#).

Is DTC detected?

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

## B1152 CURTAIN AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

---

### 4. REPLACE CURTAIN AIR BAG MODULE

---

1. Replace curtain air bag module LH. Refer to [SE-67, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-133, "DTC Logic"](#).

Is DTC detected?

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

# B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1153 CURTAIN AIR BAG MODULE LH

### Description

INFOID:000000008196857

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.

### DTC Logic

INFOID:000000008196858

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196859

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-135, "DTC Logic"](#).

Is DTC detected?

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

## B1153 CURTAIN AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

---

### 4. REPLACE CURTAIN AIR BAG MODULE

---

1. Replace curtain air bag module LH. Refer to [SE-67, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-135, "DTC Logic"](#).

Is DTC detected?

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



# B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008196860

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196861

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1154 B1155 B1156 B1157 B1158 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196862

#### WARNING:

- **Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-137, "DTC Logic"](#).

# B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008196863

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196864

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1170 B1171 B1172 B1173 B1174 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-139, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196865

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-139, "DTC Logic"](#).

# B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008196866

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196867

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1186 B1187 B1188 B1189 B1190 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-141, "Diagnosis Procedure"](#).

NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196868

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-141, "DTC Logic"](#).

**B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT**

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

---

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008196869

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196870

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1202 B1203 B1204 B1205 B1206 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-143, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196871

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-143, "DTC Logic"](#).

# B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END



# B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1209 FRONTAL COLLISION DETECTION

### Description

INFOID:000000008196872

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:000000008196873

### 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-145, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196874

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-8, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-9, "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

#### Is collision diagnosis complete?

- YES >> GO TO 2.  
NO >> INSPECTION END

#### 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-170, "DTC Index"](#).

# B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1210 SIDE COLLISION DETECTION

### Description

INFOID:000000008196875

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:000000008196876

### 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-146, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196877

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-11, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

#### Is collision diagnosis complete?

- YES >> GO TO 2.  
NO >> INSPECTION END

#### 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-170, "DTC Index"](#).

# B1211 ROLLOVER DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1211 ROLLOVER DETECTION

### Description

INFOID:000000008196878

The seat belt pre-tensioner and curtain air bag are activated by the air bag diagnosis sensor unit signal at the time of rollover.

### DTC Logic

INFOID:000000008196879

### DTC DETECTION LOGIC

With CONSULT

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner and curtain air bag module are deployed because of rollover detection	—

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196880

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-11, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

- YES >> GO TO 2.  
NO >> INSPECTION END

#### 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-170, "DTC Index"](#).

# B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1212, B1213, B1214 SATELLITE SENSOR RH

### Description

INFOID:000000008196881

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

### DTC Logic

INFOID:000000008196882

#### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1212 B1213 B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

###### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

###### 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:000000008196883

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-148, "DTC Logic"](#).

###### Is DTC detected?

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

##### 4. REPLACE SATELLITE SENSOR

# B1212, B1213, B1214 SATELLITE SENSOR RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace satellite sensor RH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-148, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1215, B1216, B1217 SATELLITE SENSOR LH

### Description

INFOID:000000008196884

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

### DTC Logic

INFOID:000000008196885

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1215 B1216 B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008196886

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-150, "DTC Logic"](#).

#### Is DTC detected?

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

#### 4. REPLACE SATELLITE SENSOR

# B1215, B1216, B1217 SATELLITE SENSOR LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace satellite sensor LH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-150, "DTC Logic"](#)

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008196887

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196888

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1218 B1219 B1220 B1221 B1222 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-152, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196889

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-152, "DTC Logic"](#).



# B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008814794

#### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1234 B1235 B1236 B1237 B1238 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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-154, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

#### Diagnosis Procedure

INFOID:000000008814795

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-154, "DTC Logic"](#).

#### Is DTC detected?

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

# B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008814796

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1250 B1251 B1252 B1253 B1254 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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008814797

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-155, "DTC Logic"](#).

#### Is DTC detected?

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

# B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008814798

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1266 B1267 B1268 B1269	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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-156, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814799

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-156, "DTC Logic"](#).

#### Is DTC detected?

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

# B1282, B1283, B1284, B1285 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1282, B1283, B1284, B1285 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008814800

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1282 B1283 B1284 B1285	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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008814801

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : 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

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## B1336, B1337 SATELLITE SENSOR RH

### Description

INFOID:000000008836372

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814802

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1336 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 .

#### 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:000000008814803

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "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

## B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-158, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

### Description

INFOID:000000008836375

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814804

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM MALFUNC- 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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008814805

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "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



# B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-160, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1339 SATELLITE SENSOR RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

## B1339 SATELLITE SENSOR RH

### Description

INFOID:000000008836376

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814806

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1339	FR-RH DOOR SATEL SENS [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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008814807

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "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-30, "COUPE : 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 >

[COUPE]

## B1343, B1344 SATELLITE SENSOR LH

### Description

INFOID:000000008836377

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814808

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1343 B1344	FR-LH DOOR SATEL SENS [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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008814809

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "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

## B1343, B1344 SATELLITE SENSOR LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-163, "DTC Logic"](#).

Is DTC detected?

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

# B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

### Description

INFOID:000000008836378

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814810

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM 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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-165, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814811

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-165, "DTC Logic"](#).

#### Is DTC detected?

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

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

## B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-165, "DTC Logic"](#).

Is DTC detected?

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

# B1346 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1346 SATELLITE SENSOR LH

### Description

INFOID:000000008836379

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814812

### 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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008814813

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "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-30, "COUPE : 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, B1351 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1350, B1351 SATELLITE SENSOR

### Description

INFOID:000000008836380

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814814

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1350 B1351	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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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:000000008814815

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SENSORS

- Replace both of front door satellite sensors. Refer to [SR-28, "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-30, "COUPE : Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

#### Is DTC detected?

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



# B1378, B1379, B1380, B1381 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

## B1378, B1379, B1380, B1381 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008814816

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1378 B1379 B1380 B1381	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-19, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-169, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814817

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-169, "DTC Logic"](#).

Is DTC detected?

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

# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

## ECU DIAGNOSIS INFORMATION

### DIAGNOSIS SENSOR UNIT

#### DTC Index

INFOID:000000008196890

DTC	Diagnostic item	Explanation	Reference page
—	NO DTC IS DETECTED.	When malfunction is indicated by the "AIR BAG" warning lamp in the user mode	<a href="#">SRC-30, "DTC Logic"</a> . <a href="#">SRC-19, "Diagnosis with Air Bag Warning Lamp"</a> , <a href="#">SRC-22, "CONSULT Function"</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-24, "DTC Logic"</a>.</li> <li><a href="#">SRC-26, "DTC Logic"</a>.</li> <li><a href="#">SRC-28, "DTC Logic"</a>.</li> </ul>
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Malfunction occurs in Occupant Classification System control unit	<a href="#">SRC-30, "DTC Logic"</a> .
B1018	OCCUPANT SENS [UNIT FAIL]	Malfunction occurs in Occupant Classification System sensor	<a href="#">SRC-32, "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 air bag diagnosis sensor unit, or air bag diagnosis sensor unit	<a href="#">SRC-34, "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-36, "DTC Logic"</a> .
B1025 B1032 B1048	OCS SENSOR	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit air bag diagnosis sensor unit, or air bag diagnosis sensor unit	<a href="#">SRC-38, "DTC Logic"</a> .
B1026-B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	<a href="#">SRC-40, "DTC Logic"</a> .
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning	<a href="#">SRC-42, "DTC Logic"</a> .
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning or out of the specified specification	<a href="#">SRC-44, "DTC Logic"</a> .
B1036	CRASH ZONE SEN [UNMATCH]		
B1037 B1039 B1041	CRASH ZONE SEN1	Crash zone sensor is malfunctioning	<a href="#">SRC-46, "DTC Logic"</a> .
B1038	CRASH ZONE SEN [OPEN/UPR-VB-SHORT]	Crash zone sensor is malfunctioning	<a href="#">SRC-46, "DTC Logic"</a> .
B1040	CRASH ZONE SEN [SHORT/UPR-GND-SHORT]	Crash zone sensor is malfunctioning	<a href="#">SRC-46, "DTC Logic"</a> .
B1042-B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-48, "DTC Logic"</a> .
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	<a href="#">SRC-50, "DTC Logic"</a> .
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	<a href="#">SRC-52, "DTC Logic"</a> .

# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

DTC	Diagnostic item	Explanation	Reference page
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	<a href="#">SRC-54, "DTC Logic"</a>
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	<a href="#">SRC-56, "DTC Logic"</a>
B1058-B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-58, "DTC Logic"</a>
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	<a href="#">SRC-60, "DTC Logic"</a>
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	<a href="#">SRC-62, "DTC Logic"</a>
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	<a href="#">SRC-64, "DTC Logic"</a>
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	<a href="#">SRC-66, "DTC Logic"</a>
B1074-B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-68, "DTC Logic"</a>
B1080 B1096	DRIVER AIRBAG MODULE [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 [OPEN]	Seat belt pre-tensioner RH circuit is open	<a href="#">SRC-72, "DTC Logic"</a>
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	<a href="#">SRC-74, "DTC Logic"</a>
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	<a href="#">SRC-76, "DTC Logic"</a>
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	<a href="#">SRC-78, "DTC Logic"</a>
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	<a href="#">SRC-80, "DTC Logic"</a>
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	<a href="#">SRC-82, "DTC Logic"</a>
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	<a href="#">SRC-84, "DTC Logic"</a>
B1089	PRE-TEN FRONT LH [SHORT]	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-90, "DTC Logic"</a>
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	<a href="#">SRC-92, "DTC Logic"</a>
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning or mis-installed	<a href="#">SRC-94, "DTC Logic"</a>
B1116	SATELLITE SENS RH [UNMATCH]		
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	<a href="#">SRC-96, "DTC Logic"</a>
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor LH is malfunctioning or mis-installed	<a href="#">SRC-98, "DTC Logic"</a>
B1121	SATELLITE SENS LH [UNMATCH]		
B1122-B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-100, "DTC Logic"</a>

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# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

DTC	Diagnostic item	Explanation	Reference page
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	<a href="#">SRC-102, "DTC Logic"</a> .
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	<a href="#">SRC-104, "DTC Logic"</a> .
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	<a href="#">SRC-106, "DTC Logic"</a> .
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	<a href="#">SRC-108, "DTC Logic"</a> .
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	<a href="#">SRC-110, "DTC Logic"</a> .
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	<a href="#">SRC-112, "DTC Logic"</a> .
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	<a href="#">SRC-114, "DTC Logic"</a> .
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	<a href="#">SRC-116, "DTC Logic"</a> .
B1138-B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-118, "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-139, "DTC Logic"</a> .
B1186-B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-141, "DTC Logic"</a> .
B1202-B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-143, "DTC Logic"</a> .
B1209	FRONTAL COLLISION DETECTION	Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed	<a href="#">SRC-145, "DTC Logic"</a> .
B1210	SIDE COLLISION DETECTION	Side air bag and curtain air bag are deployed	<a href="#">SRC-146, "DTC Logic"</a> .
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner side curtain air bag module are deployed because of rollover detection	<a href="#">SRC-147, "DTC Logic"</a> .
B1212-B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	<a href="#">SRC-148, "DTC Logic"</a> .

# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

DTC	Diagnostic item	Explanation	Reference page
B1215-B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	<a href="#">SRC-150, "DTC Logic"</a>
B1218-B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-152, "DTC Logic"</a>
B1234-B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-154, "DTC Logic"</a>
B1250-B1255	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-155, "DTC Logic"</a>
B1266-B1269	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-155, "DTC Logic"</a>
B1282-B1285	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-155, "DTC Logic"</a>
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor RH is malfunctioning	<a href="#">SRC-158, "DTC Logic"</a>
B1338 B1340 B1341 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 B1344	FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor LH is malfunctioning	<a href="#">SRC-163, "DTC Logic"</a>
B1345 B1347 B1348 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 B1351	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning	<a href="#">SRC-168, "DTC Logic"</a>
B1378-B1381	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-169, "DTC Logic"</a>

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# DIAGNOSIS SENSOR UNIT

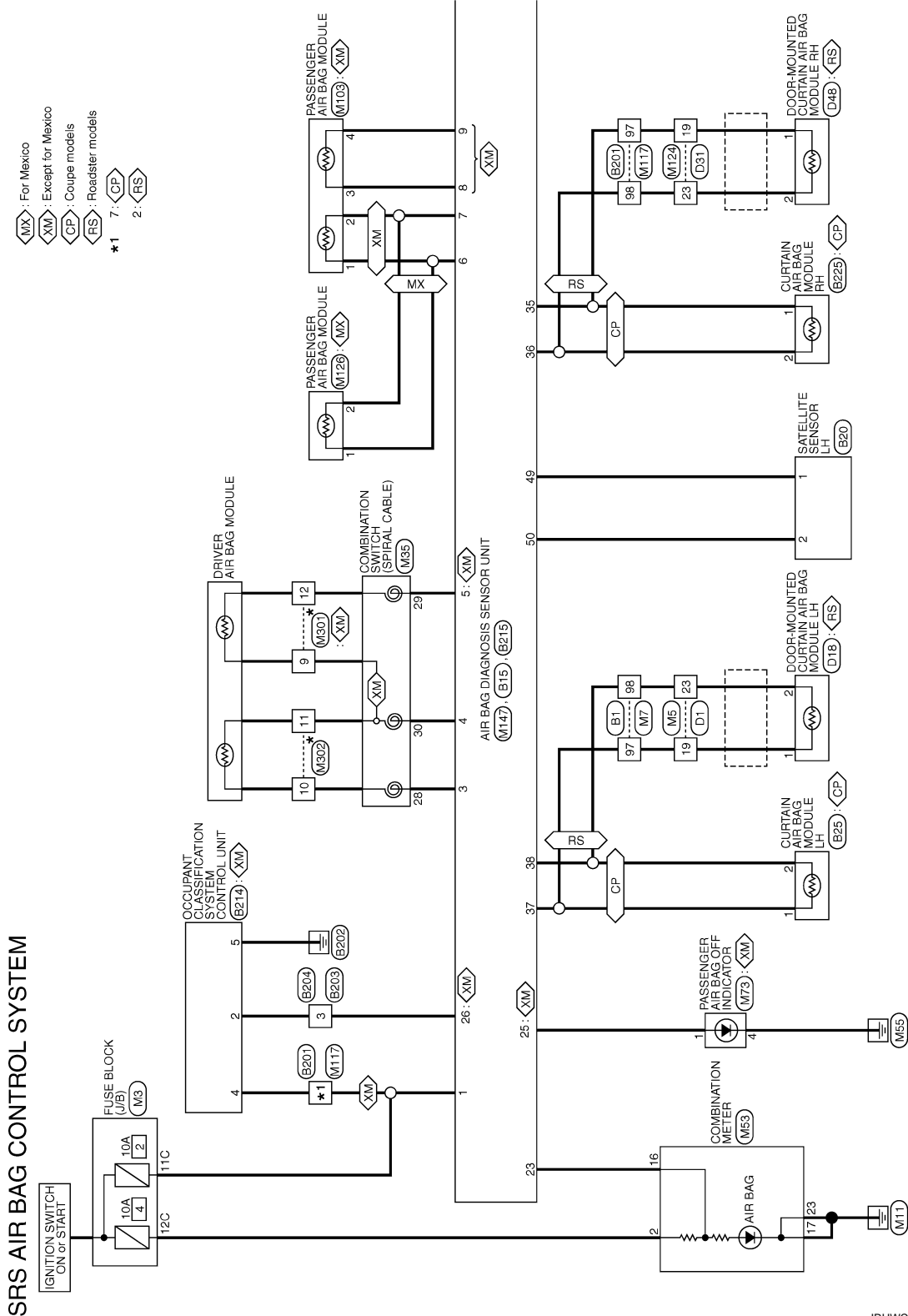
< ECU DIAGNOSIS INFORMATION >

[COUPE]

## Wiring Diagram - SRS AIR BAG CONTROL SYSTEM -

INFOID:000000008196891

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).



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

2012/04/18

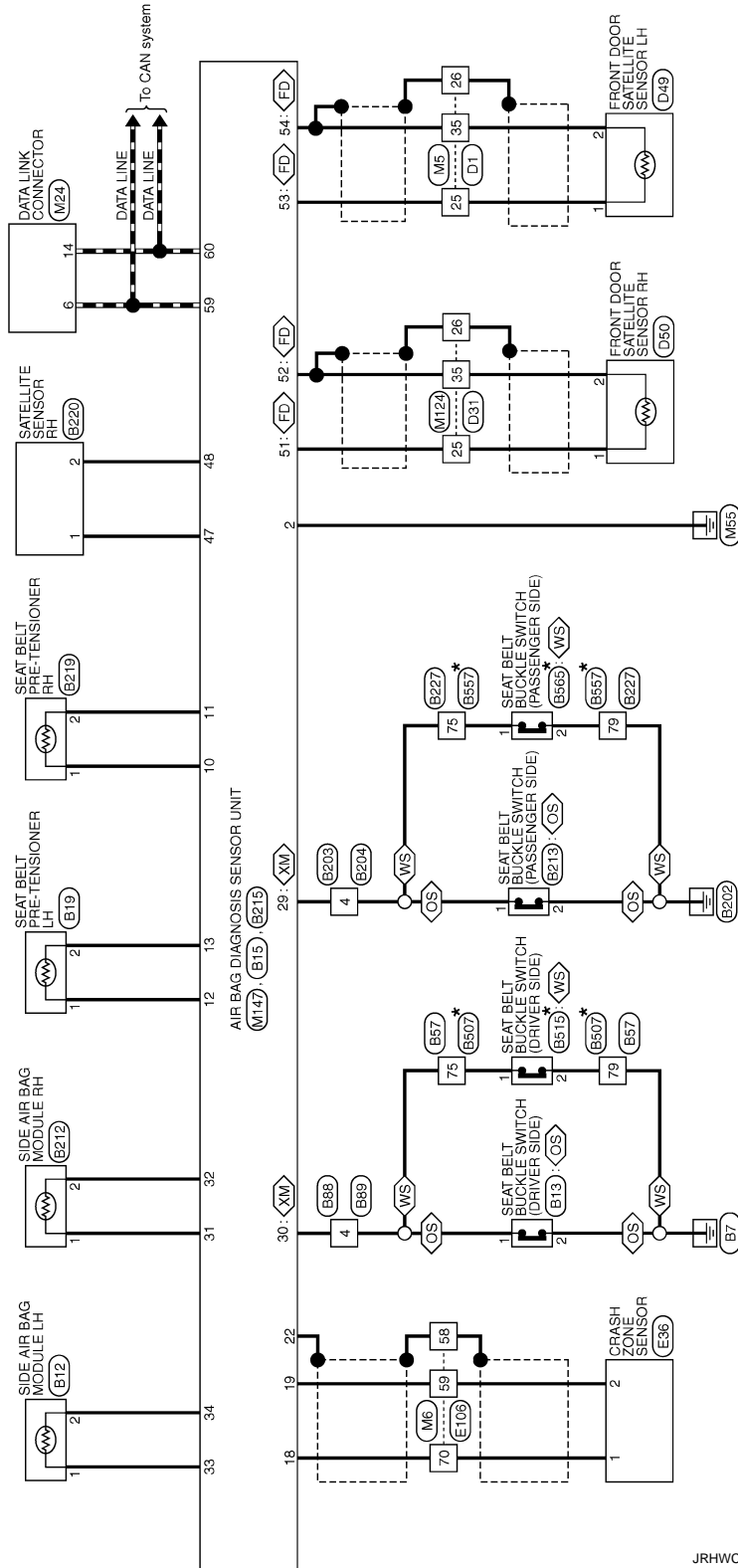
JRHWC0239GB

# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

- ◊XM◊ : Except for Mexico
- ◊WS◊ : With climate controlled seat
- ◊OS◊ : Without climate controlled seat
- ◊FD◊ : With front door satellite sensor



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

JRHWC0240GB

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# SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

[COUPE]

## SYMPTOM DIAGNOSIS

### SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

#### Diagnosis Procedure

INFOID:000000008196892

#### 1.CHECK SELF DIAGNOSIS RESULT

Perform "AIR BAG" Self Diagnostic Result with CONSULT.

Is DTC detected?

- YES >> Repair or replace the malfunctioning parts. Refer to [SRC-170. "DTC Index"](#).
- NO >> GO TO 2.

#### 2.CHECK AIR BAG FUSE

Check 10A 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-30. "COUPE : Exploded View"](#).
2. Check air bag warning lamp operation.

Is the inspection result normal?

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



# SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

[COUPE]

## SRS AIR BAG WARNING LAMP DOES NOT TURN ON

### Diagnosis Procedure

INFOID:000000008196893

#### 1.CHECK METER FUSE

Check 10A fuse [No.4, located in fuse block (J/B)].

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace the fuse.

#### 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.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.

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&lt; PRECAUTION &gt;

## PRECAUTION

### PRECAUTIONS

#### EXCEPT FOR MEXICO

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

INFOID:000000008196894

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 battery, and wait at least 3 minutes before performing any service.

#### EXCEPT FOR MEXICO : Service

INFOID:000000008196895

- Do not use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more.  
For approximately 3 minutes after the battery negative terminal is removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until 3 minutes or more elapse.
- Diagnosis sensor unit must always be installed with their arrow marks "←" pointing towards the front of the vehicle for normal operation. Also check diagnosis sensor unit for cracks, deformities, or rust before installation and replace if necessary.
- The spiral cable must be aligned in the neutral position since its rotations are limited. Do not 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.
- Perform self-diagnosis to check entire SRS for normal function after replacing any components.
- After air bag inflates, the front instrument panel assembly must be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

#### EXCEPT FOR MEXICO : Occupant Classification System Precaution

INFOID:000000008196896

Replace Occupant Classification System control unit and passenger front seat cushion as an assembly. Refer to [SE-71. "Removal and Installation"](#).

# PRECAUTIONS

< PRECAUTION >

[COUPE]

## EXCEPT FOR MEXICO : Precaution for Battery Service

INFOID:000000008196897

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

### FOR MEXICO

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

INFOID:000000008196898

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. 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 battery, and wait at least 3 minutes before performing any service.

## FOR MEXICO : Service

INFOID:000000008196899

- Do not use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more.  
For approximately 3 minutes after the battery negative terminal is removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until 3 minutes or more elapse.
- Diagnosis sensor unit must always be installed with their arrow marks "⇐" pointing towards the front of the vehicle for normal operation. Also check diagnosis sensor unit for cracks, deformities, or rust before installation and replace if necessary.
- The spiral cable must be aligned in the neutral position since its rotations are limited. Do not 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.
- Perform self-diagnosis to check entire SRS for normal function after replacing any components.
- After air bag inflates, the front instrument panel assembly must be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

## FOR MEXICO : Precaution for Battery Service

INFOID:000000008196900

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the

## PRECAUTIONS

< PRECAUTION >

[COUPE]

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window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

# DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[ROADSTER]

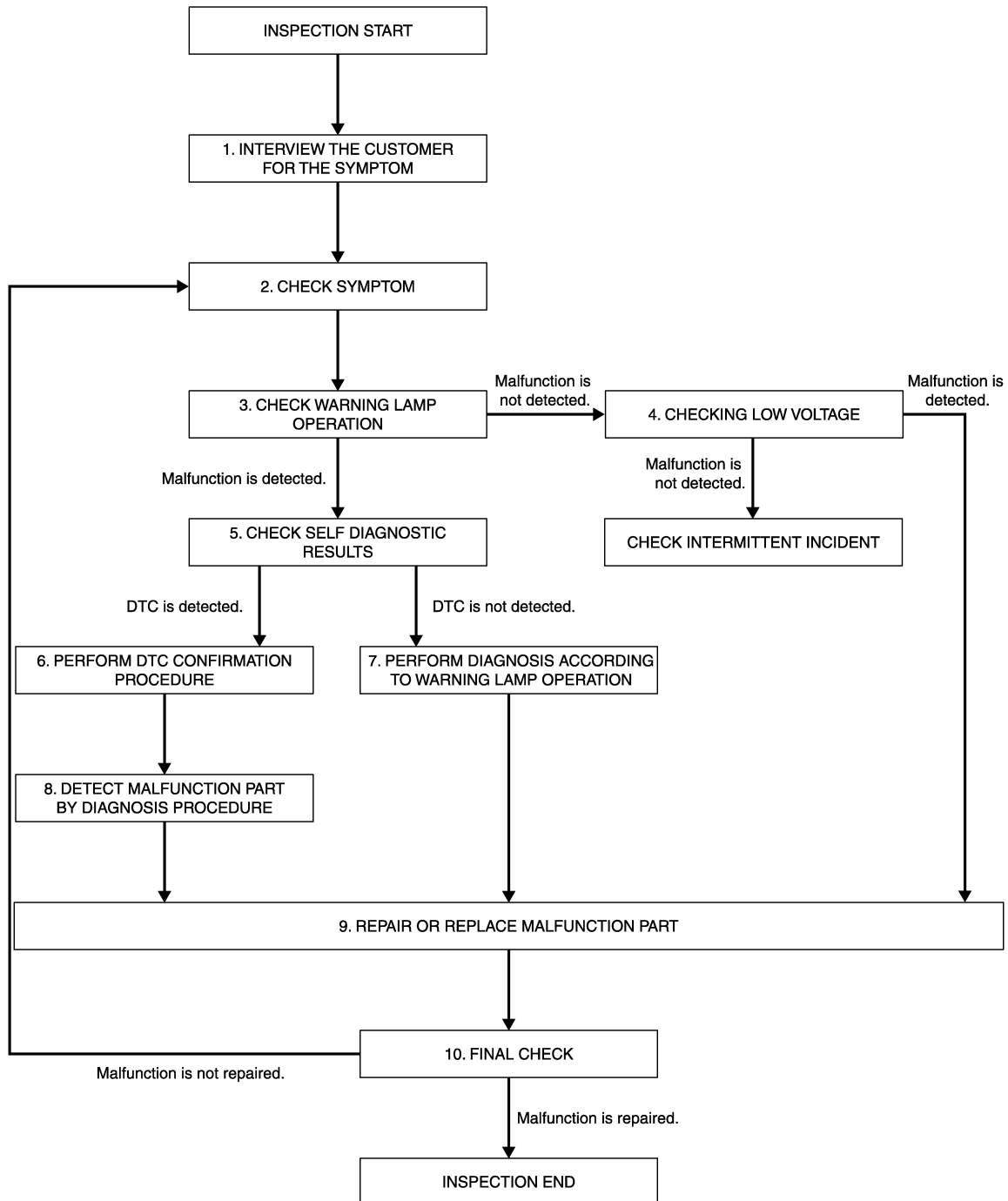
## BASIC INSPECTION

### DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000008196901

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DETAILED FLOW

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# DIAGNOSIS AND REPAIR WORK FLOW

[ROADSTER]

< 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-190, "Diagnosis with Air Bag Warning Lamp"](#).

Are any malfunction detected?

YES >> GO TO 5.

NO >> GO TO 4.

## 4. CHECK LOW VOLTAGE

Check low voltage with CONSULT. Refer to [SRC-195, "CONSULT Function"](#).

Are any malfunction detected?

YES >> GO TO 9.

NO >> Check intermittent incident. Refer to [GI-45, "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-190, "Diagnosis with Air Bag Warning Lamp"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#) (USER MODE).

>> GO TO 9.

## 8. DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

Inspect according to Diagnostic Procedure of the DTC.

>> GO TO 9.

# DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[ROADSTER]

## 9.REPAIR OR REPLACE THE MALFUNCTION PART

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.

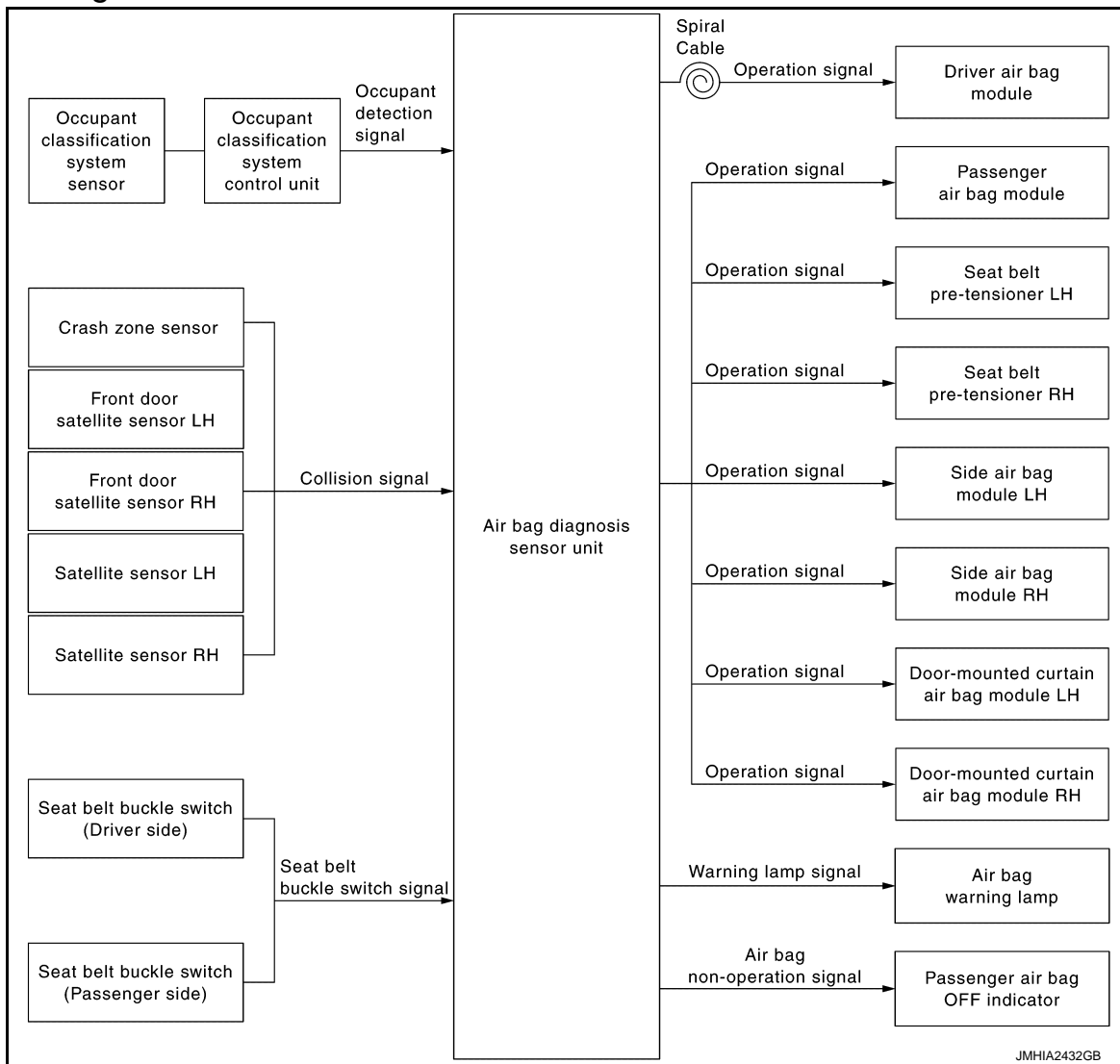
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# SYSTEM DESCRIPTION

## SRS AIR BAG SYSTEM

### System Diagram



### System Description

INFOID:000000008196903

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 in air bag diagnosis sensor unit, crash zone sensor, or satellite sensor, or when pressure that is more than the specified limit is detected by 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, gasgenerator 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.

When air bag diagnosis sensor unit detects a rollover of the vehicle, electric igniter (squib) receives power supply, pyrotechnic material is ignited, and then piston is projected.

### AIR BAG DIAGNOSIS SENSOR UNIT FUNCTIONS



# SRS AIR BAG SYSTEM

[ROADSTER]

## < SYSTEM DESCRIPTION >

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.
- Detects and records the deployment of air bag and seat belt pre-tensioner, and turns ON air bag warning lamp.
- Indicates malfunctioning portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunction record via CONSULT.
- Suppresses the deployment of passenger air bag when passenger seat is empty or occupied by child or child-seat.
- When passenger seat is occupied by child or child seat, turns ON passenger air bag OFF indicator.
- 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-3, "System Description"](#).

## 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 but not in a side collision.

SRS configurations that are activated for the following collision modes.

×: Apply —: Not apply

SRS configuration	Frontal collision	Left side collision	Right side collision	Roll over
Driver air bag module	×	—	—	—
Passenger air bag module	×	—	—	—
Seat belt pre-tensioner LH	×	—	—	×
Seat belt pre-tensioner RH	×	—	—	×
Side air bag module LH	—	×	—	—
Side air bag module RH	—	—	×	—
Door-mounted curtain air bag module LH	—	×	—	×
Door-mounted curtain air bag module RH	—	—	×	×

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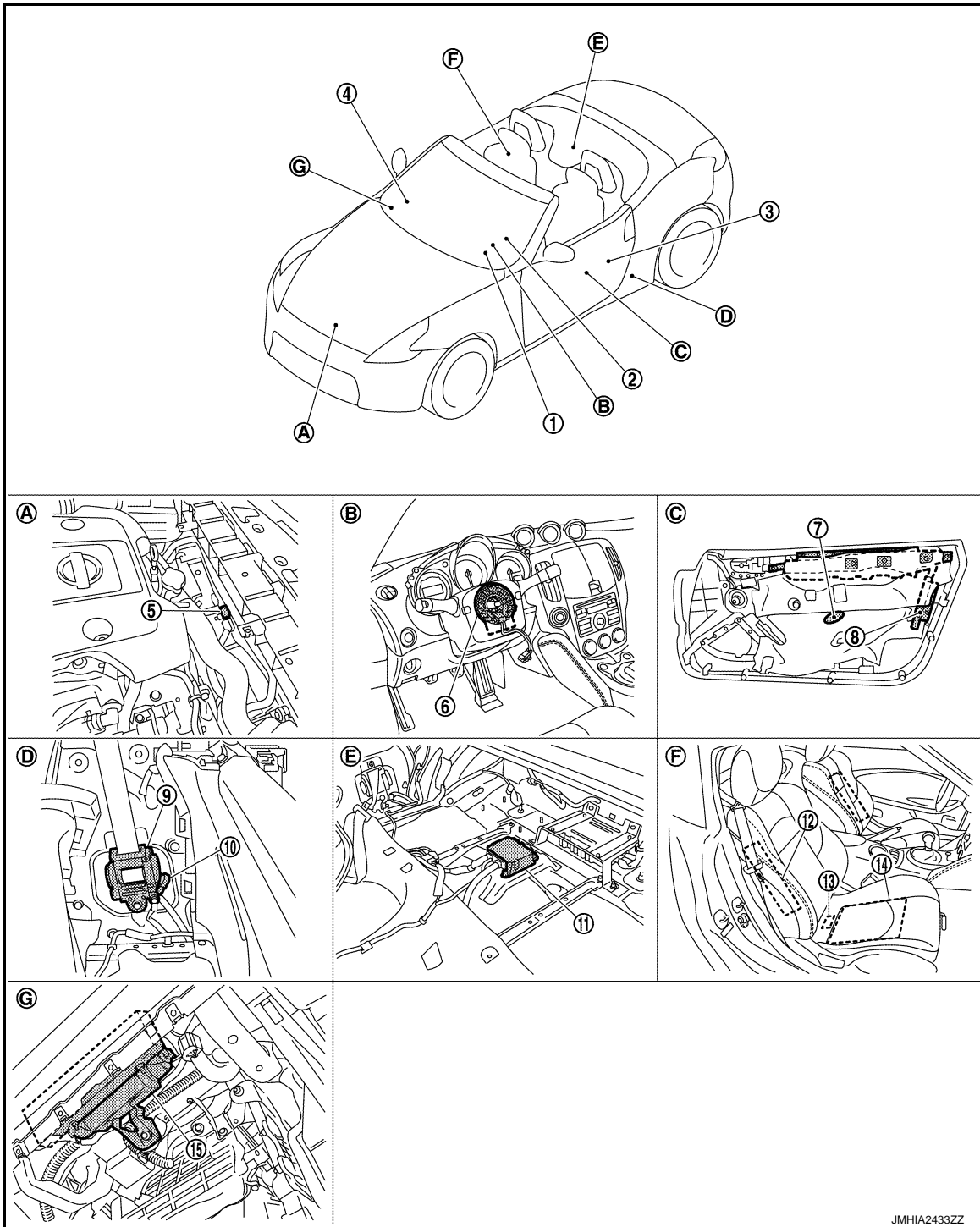
# SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

## Component Parts Location

INFOID:00000008196904



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- |   |  |  |
|---|--|--|
| 1. Combination meter                            | 2. Driver air bag module                           | 3. Seat belt buckle switch (Driver side) |
| 4. Passenger air bag OFF indicator              | 5. Crash zone sensor                               | 6. Combination switch (spiral cable)     |
| 7. Front door satellite sensor LH               | 8. Door-mounted curtain air bag module LH          | 9. Seat belt pre-tensioner LH            |
| 10. Satellite sensor LH                         | 11. Air bag diagnosis sensor unit                  | 12. Side air bag module RH               |
| 13. Occupant Classification System control unit | 14. Occupant Classification System seat sensor mat | 15. Passenger air bag module sensor mat  |
| A. Radiator core support assembly               | B. View with steering wheel removed                | C. Behind door finisher assembly         |

# SRS AIR BAG SYSTEM

[ROADSTER]

< SYSTEM DESCRIPTION >

- D. Behind rear side finisher      E. Behind seatback center finisher      F. Passenger seat  
 G. Behind glove box assembly

## Component Description

INFOID:000000008196905

Component	Function
Air bag diagnosis sensor unit	Detects a collision and supplies power supply for deployment to air bag module and pre-tensioner seat belt.
Air bag module <ul style="list-style-type: none"> <li>• Driver</li> <li>• Passenger</li> <li>• Side</li> <li>• Door-mounted curtain</li> </ul>	Receives signal from air bag diagnosis sensor unit and deploys air bag.
Seat belt pre-tensioner	Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner.
Seat belt buckle switch	Controls deployment timing based on seat belt fastened or unfastened condition.
Crash zone sensor	Transmits signal to air bag diagnosis sensor unit when a frontal collision occurs.
Satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.
Occupant Classification System control unit	Detects passenger seat occupant and judges whether or not passenger seat air bag is deployed.
Combination meter (air bag warning lamp)	Indicates air bag malfunctioning and deployment by blinking and illuminating air bag warning lamp.
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.
Combination switch (spiral cable)	Supplies power supply to driver air bag module on steering wheel.
Front door satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.

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# OCCUPANT CLASSIFICATION SYSTEM

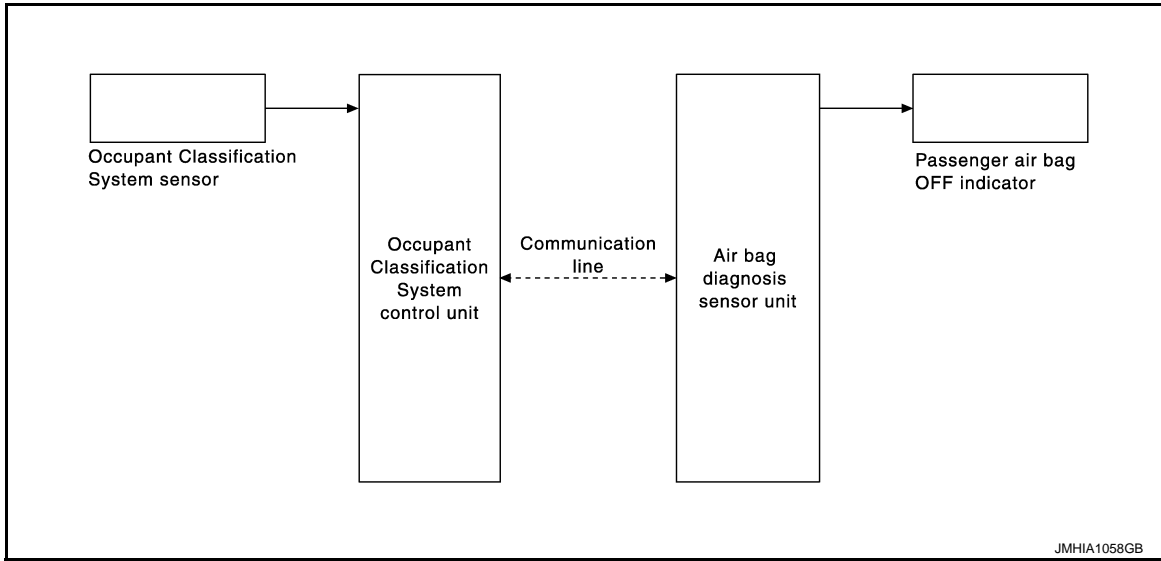
< SYSTEM DESCRIPTION >

[ROADSTER]

## OCCUPANT CLASSIFICATION SYSTEM

### System Diagram

INFOID:000000008196906



### System Description

INFOID:000000008196907

Occupant Classification System has the following functions.

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

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

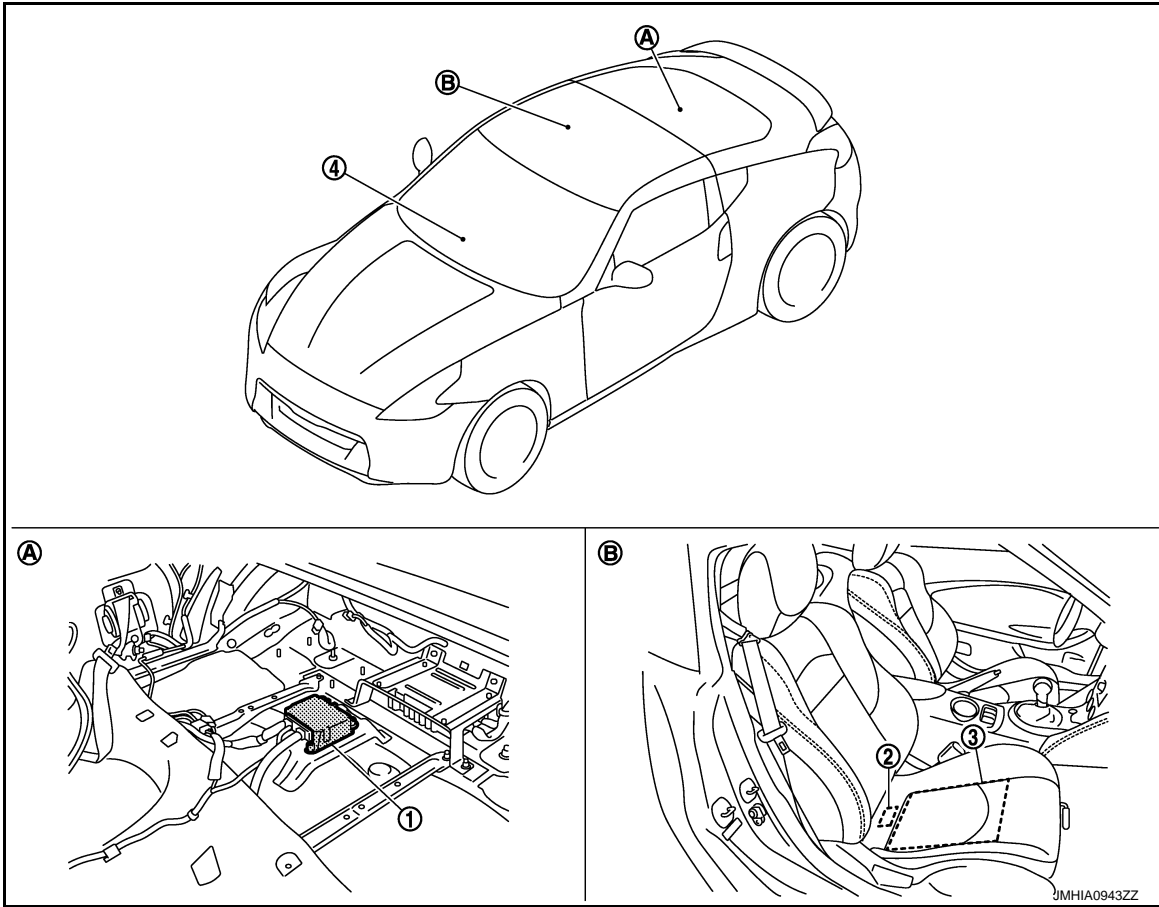
# OCCUPANT CLASSIFICATION SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

## Component Parts Location

INFOID:000000008196908



- 1. Air bag diagnosis sensor unit
- 2. Occupant Classification System control unit
- 3. Occupant Classification System seat sensor mat
- 4. Passenger air bag OFF indicator
- A. Behind seatback center finisher
- B. Passenger seat

## Component Description

INFOID:000000008196909

Component parts	Outline of function
Occupant Classification System seat sensor mat	Detects if the passenger seat is empty or occupied. It is integrated into the seat cushion and detects the occupants with occupant classification system control unit that classifies the occupants.
Occupant Classification System control unit	Transmits the passenger seat status (occupied or empty) to air bag diagnosis sensor unit. It is installed in the passenger seat cushion.
Passenger air bag OFF indicator	Turns the passenger air bag OFF indicator lamp ON when the passenger seat is occupied by a child or a child-seat.
Air bag diagnosis sensor unit	<ul style="list-style-type: none"> <li>• Performs the deploy judgement of passenger air bag based on the information from Occupant Classification System control unit.</li> <li>• Passenger air bag OFF indicator turns ON or turns OFF when passenger state signal detected by Occupant Classification System control unit is received.</li> </ul>

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# ON BOARD DIAGNOSTIC (OBD) SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

## ON BOARD DIAGNOSTIC (OBD) SYSTEM

### Diagnosis Description

INFOID:000000008196910

#### 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	—	×

### Diagnosis with Air Bag Warning Lamp

INFOID:000000008196911

#### SELF DIAGNOSIS FUNCTION

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

- USER MODE
- DIAGNOSIS MODE

#### HOW TO CHANGE TO DIAGNOSIS MODE

- Self 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 TO 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. Self diagnosis mode changes to diagnosis mode.

#### 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

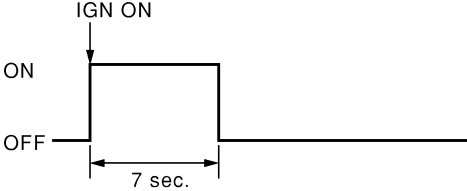
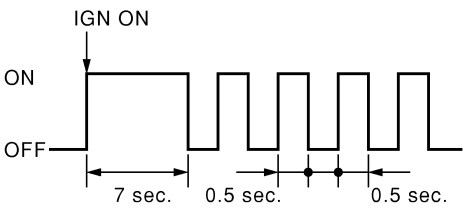
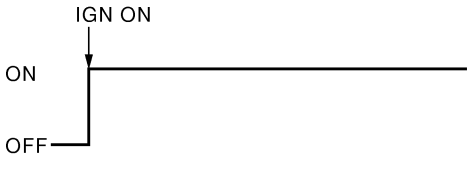

1. Turn the ignition switch from OFF to ON, and check that the air bag warning lamp blinks.
2. Compare the air bag warning lamp blinking pattern with the examples.

#### Air Bag Warning Lamp Examples

# ON BOARD DIAGNOSTIC (OBD) SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

Air bag warning lamp operation (user mode)	SRS condition	Reference item
 <p style="text-align: right; font-size: small;">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: right; font-size: small;">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>	Erase "Self Diagnostic Result" Refer to <a href="#">SRC-195, "CONSULT Function"</a> , How to Erase Self-diagnostic Result
	Battery voltage is low (less than 9 V)	Check "CAUSE OF WARNING" with CONSULT Refer to <a href="#">SRC-195, "CONSULT Function"</a>
	Intermittent malfunction is detected in the past	Go to <a href="#">GI-45, "Intermittent Incident"</a>
 <p style="text-align: right; font-size: small;">SHIA0013E</p>	<ul style="list-style-type: none"> <li>Air bag is deployed</li> <li>Seat belt pre-tensioner is deployed</li> </ul>	Go to <a href="#">SRC-307, "Diagnosis Procedure"</a> or <a href="#">SRC-308, "Diagnosis Procedure"</a>
	<ul style="list-style-type: none"> <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>	Go to <a href="#">SRC-354, "Diagnosis Procedure"</a>
 <p style="text-align: right; font-size: small;">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>	Go to <a href="#">SRC-355, "Diagnosis Procedure"</a>

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## 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

1. Follow the procedures of "PROCEDURE TO CHANGE TO DIAGNOSIS MODE", and switch to the diagnosis mode.
2. 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.

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# ON BOARD DIAGNOSTIC (OBD) SYSTEM

[ROADSTER]

## < 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

### 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
9	Front door satellite sensor RH
10	Front door satellite sensor LH
14	Door-mounted curtain air bag module RH
15	Door-mounted curtain air bag module LH

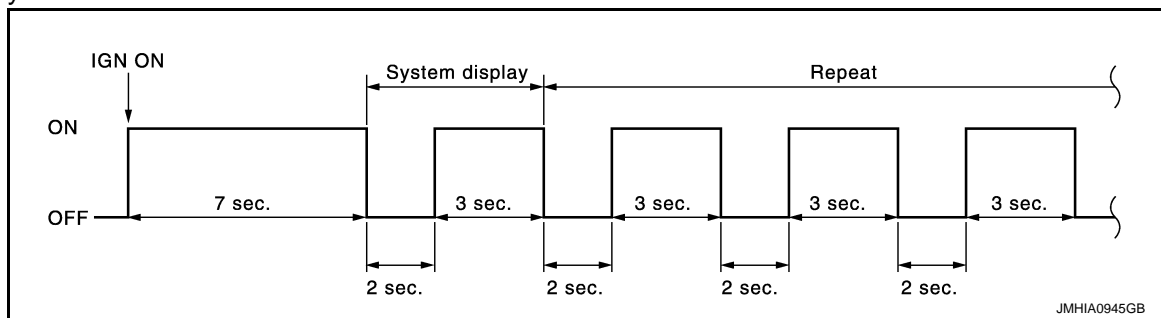
### How to Erase Self-diagnostic Result

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

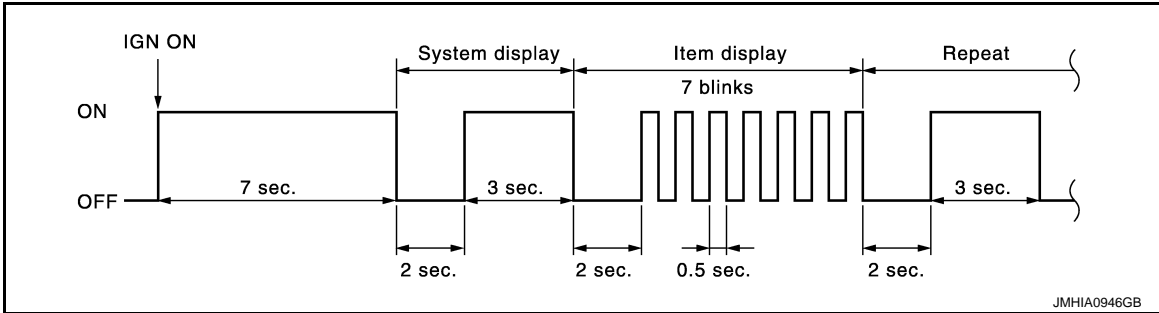


# ON BOARD DIAGNOSTIC (OBD) SYSTEM

[ROADSTER]

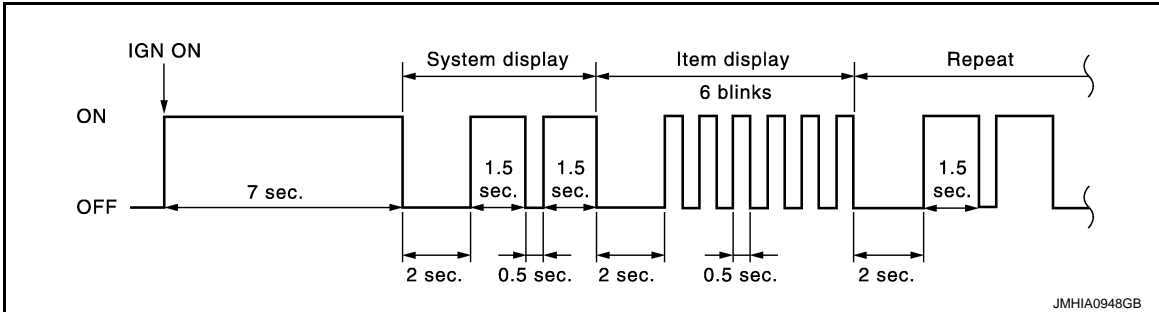
## < SYSTEM DESCRIPTION >

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



- Side air bag system

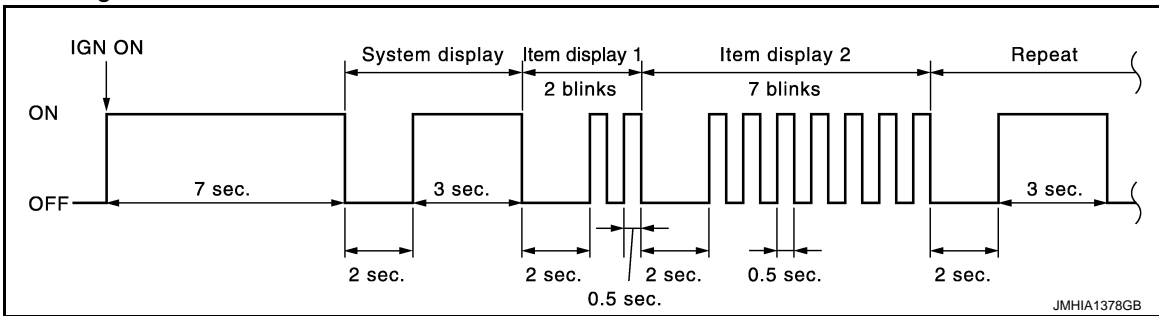
When curtain air bag module LH system (Item display 1) is malfunctioning.



## Multiple Systems Malfunction

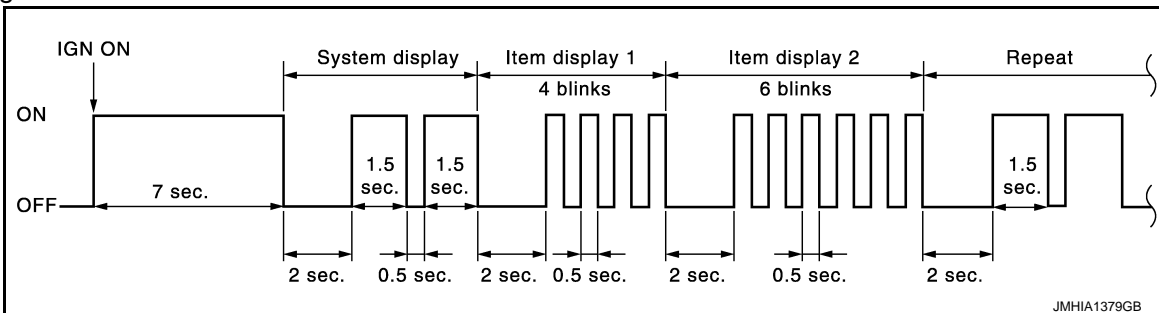
- Front air bag system

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 display 1) and curtain air bag module LH system (Item display 2) are malfunctioning.



- Front air bag system and side air bag system

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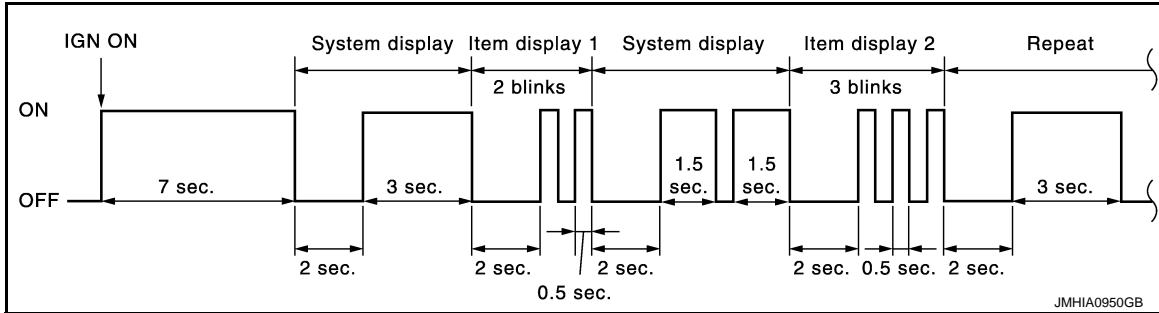
SRC

# ON BOARD DIAGNOSTIC (OBD) SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

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



## DIAGNOSIS SYSTEM (AIR BAG)

### CONSULT Function

INFOID:000000008196912

#### APPLICATION ITEM

CONSULT performs the following functions.

Diagnosis mode	Description
ECU Identification	Air bag diagnosis sensor unit ECU discriminated number (identification number) or part number is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) or part number based on model and equipment.
Self Diagnostic Result	<ul style="list-style-type: none"> <li>• Self-diagnosis result is displayed. Refer to <a href="#">SRC-348, "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> 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>
TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT screen.
SELF-DIAG RESULT [CAN]	CAN diagnosis result is displayed.
Cause of Warning Lamp	It displays the cause of warning lamp illumination that is not recorded in memory.

#### CAUSE OF WARNING LAMP

The SRS air bag warning lamp blinks when the ignition voltage is a voltage value (9V or less) 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 ignition 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.
- \*: Pressure inside of door is excessively low and air bag system cannot be operated normally (example: altitude is approximately 4,000 m or more).

Display item	Display content	Actions by worker
IGN VOLT COND	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. <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>	Perform the check at an altitude of 4,000 m or less. <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> If battery voltage is normal, the cause may be that out of detection range of satellite sensor in door is detected.</p>
IGN VOLT TIME	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. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)	
LOW V RECORDED	Number of times ignition switch ON is displayed after ignition voltage error or out of detection range of satellite sensor in door is detected. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)	

## DTC/CIRCUIT DIAGNOSIS

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

#### Description

INFOID:000000008196913

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

#### DTC Logic

INFOID:000000008196914

#### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1001 B1002 B1003 B1004 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

1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

**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-196, "Diagnosis Procedure"](#).  
 NO >> INSPECTION END

#### Diagnosis Procedure

INFOID:000000008196915

**WARNING:**

- **Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).

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

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

2. Perform DTC confirmation procedure. Refer to [SRC-196. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

### Description

INFOID:000000008196916

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196917

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1006 B1007 B1008 B1009 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 "AIR BAG" Self-Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-198. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196918

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-198. "DTC Logic"](#)

#### Is DTC detected?

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

### Description

INFOID:000000008196919

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196920

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1011 B1012 B1013 B1014 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

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-200, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196921

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-200, "DTC Logic"](#)

Is DTC detected?



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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

YES >> GO TO 1.

NO >> INSPECTION END

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# B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

### Description

INFOID:000000008196922

This unit classifies occupant in passenger seat and detects electrical malfunctions in Occupant Classification System, and transmits malfunction information to air bag diagnosis sensor unit.

### DTC Logic

INFOID:000000008196923

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Occupant Classification System control unit is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result with CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-202, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196924

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-202, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.

# B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

NO >> INSPECTION END

## 4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-202, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1018 OCCUPANT SYSTEM SENSOR

### Description

INFOID:000000008196925

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

### DTC Logic

INFOID:000000008196926

### 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>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result with CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-204, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196927

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-204, "DTC Logic"](#).

#### Is DTC detected?

- YES >> GO TO 4.

# B1018 OCCUPANT SYSTEM SENSOR

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

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

1. Replace passenger seat cushion assembly. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-204, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1022 OCCUPANT SYSTEM CONTROL UNIT

### Description

INFOID:000000008196928

This unit classifies occupant in passenger seat and detects electrical malfunctions in Occupant Classification System, and transmits malfunction information to air bag diagnosis sensor unit.

### DTC Logic

INFOID:000000008196929

### 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>Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result with CONSULT.

##### Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-206, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196930

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
- Perform DTC confirmation procedure. Refer to [SRC-206, "DTC Logic"](#).

# B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

## 4. CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-67, "Exploded View"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-206, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1023 PASSENGER AIR BAG OFF INDICATOR

### Description

INFOID:000000008196931

Illuminates passenger air bag OFF indicator when the passenger seat is empty or occupied by a child or a child-seat.

### DTC Logic

INFOID:000000008196932

### 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>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result with CONSULT.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-208, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196933

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-208, "DTC Logic"](#).

#### Is DTC detected?

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



# B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.CHECK PASSENGER AIR BAG OFF INDICATOR

1. Replace passenger air bag OFF indicator.
2. Perform DTC confirmation procedure. Refer to [SRC-208, "DTC Logic"](#).

Is DTC detected?

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

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# B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

### Description

INFOID:000000008196934

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

### DTC Logic

INFOID:000000008196935

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1025 B1032 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>Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result with CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-210. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196936

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
- Perform DTC confirmation procedure. Refer to [SRC-210. "DTC Logic"](#).

# B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

## 4. CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-67, "Exploded View"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-210, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

### Description

INFOID:000000008196937

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196938

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1026 B1027 B1028 B1029 B1030 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-212, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196939

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-212, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1033, B1034 CRASH ZONE SENSOR

### Description

INFOID:000000008196940

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.

### DTC Logic

INFOID:000000008196941

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-214, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196942

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-214, "DTC Logic"](#).

Is DTC detected?

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

#### 4. REPLACE CRASH ZONE SENSOR

# B1033, B1034 CRASH ZONE SENSOR

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace crash zone sensor. Refer to [SR-26, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-214, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1035 CRASH ZONE SENSOR

### Description

INFOID:000000008196943

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.

### DTC Logic

INFOID:000000008196944

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-216, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196945

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-216, "DTC Logic"](#).

Is DTC detected?

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

#### 4. REPLACE CRASH ZONE SENSOR



# B1035 CRASH ZONE SENSOR

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace crash zone sensor. Refer to [SR-26, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-216, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1036 CRASH ZONE SENSOR

### Description

INFOID:000000008196946

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.

### DTC Logic

INFOID:000000008196947

### 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-218. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196948

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-218. "DTC Logic"](#).

#### Is DTC detected?

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

#### 4. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-26. "Exploded View"](#).

# B1036 CRASH ZONE SENSOR

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

2. Perform DTC confirmation procedure. Refer to [SRC-218, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

### Description

INFOID:000000008814588

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.

### DTC Logic

INFOID:000000008814589

### DTC DETECTION LOGIC

DTC	CONSULT screen terms	DTC detecting condition	Possible cause
B1037 B1039 B1041	CRASH ZONE SENS1	Crash zone sensor is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</li><li>• Malfunction in crash zone sensor</li><li>• Malfunction in air bag diagnosis sensor unit</li></ul>
B1038	CRASH ZONE SEN [OPEN/UPR-VB-SHORT]		
B1040	CRASH ZONE SEN [SHORT/UPR-GND-SHORT]		

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-220. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814590

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-26. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-220. "DTC Logic"](#).

Is DTC detected?

# B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

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## 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-32. "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-220. "DTC Logic"](#).

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Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

### Description

INFOID:000000008196952

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196953

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1042 B1043 B1044 B1045 B1046 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-222, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196954

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-222, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1049, B1054 DRIVER AIR BAG MODULE

### Description

INFOID:000000008196955

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.

### DTC Logic

INFOID:000000008196956

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-224, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196957

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 connector and combination switch (spiral cable) 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 >

[ROADSTER]

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	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		
M302	10		Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-17, "Exploded View"](#).

## 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-224, "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-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-224, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1050, B1055 DRIVER AIR BAG MODULE

### Description

INFOID:000000008196958

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.

### DTC Logic

INFOID:000000008196959

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-226. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196960

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 connector and combination switch (spiral cable) connector.
3. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.

# B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	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		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-17, "Exploded View"](#).

## 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-226, "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-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-226, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1051, B1056 DRIVER AIR BAG MODULE

### Description

INFOID:000000008196961

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.

### DTC Logic

INFOID:000000008196962

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-228, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196963

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 connector and combination switch (spiral cable) 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 >

[ROADSTER]

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	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		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-17, "Exploded View"](#).

## 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-228, "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-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-228, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1052, B1057 DRIVER AIR BAG MODULE

### Description

INFOID:000000008196964

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.

### DTC Logic

INFOID:000000008196965

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1052 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-230, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196966

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 connector and combination switch (spiral cable) connector.
3. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.

# B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	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		
M302	10		Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-17, "Exploded View"](#).

## 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-230, "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-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-230, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

### Description

INFOID:000000008196967

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196968

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1058 B1059 B1060 B1061 B1062 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-232, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196969

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-232, "DTC Logic"](#).



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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1065, B1070 PASSENGER AIR BAG MODULE

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

## B1065, B1070 PASSENGER AIR BAG MODULE

### Description

INFOID:000000008196970

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.

### DTC Logic

INFOID:000000008196971

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-234. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196972

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-234. "DTC Logic"](#).

#### Is DTC detected?

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

# B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-20, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-234, "DTC Logic"](#).

Is DTC detected?

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

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# B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1066, B1071 PASSENGER AIR BAG MODULE

### Description

INFOID:000000008196973

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.

### DTC Logic

INFOID:000000008196974

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-236. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196975

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-236. "DTC Logic"](#).

#### Is DTC detected?

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

# B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-20, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-236, "DTC Logic"](#).

Is DTC detected?

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

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# B1067, B1072 PASSENGER AIR BAG MODULE

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

## B1067, B1072 PASSENGER AIR BAG MODULE

### Description

INFOID:000000008196976

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.

### DTC Logic

INFOID:000000008196977

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-238. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196978

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-238. "DTC Logic"](#).

#### Is DTC detected?

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

# B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-20, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-238, "DTC Logic"](#).

Is DTC detected?

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

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# B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1068, B1073 PASSENGER AIR BAG MODULE

### Description

INFOID:000000008196979

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.

### DTC Logic

INFOID:000000008196980

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-240. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196981

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-240. "DTC Logic"](#).

#### Is DTC detected?

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



# B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-20, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-240, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

### Description

INFOID:000000008196982

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008196983

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1074 B1075 B1076 B1077 B1078 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 "AIR BAG" Self Diagnostic Result.

##### Ⓟ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-242, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196984

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-242, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1080, B1096 DRIVER AIR BAG MODULE

### Description

INFOID:000000008196985

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.

### DTC Logic

INFOID:000000008196986

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1080 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-244. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196987

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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

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

# B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	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		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-17, "Exploded View"](#).

## 4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-244, "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-14, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-244, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1081 SEAT BELT PRE-TENSIONER RH

### Description

INFOID:000000008196988

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196989

### 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>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-246. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196990

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-14. "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-246. "DTC Logic"](#).

#### Is DTC detected?

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

# B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-246, "DTC Logic"](#).

Is DTC detected?

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

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# B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1082 SEAT BELT PRE-TENSIONER RH

### Description

INFOID:000000008196991

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196992

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-248. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196993

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-248. "DTC Logic"](#).

#### Is DTC detected?

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



# B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-248, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1083 SEAT BELT PRE-TENSIONER RH

### Description

INFOID:000000008196994

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196995

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-250. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196996

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-250. "DTC Logic"](#).

#### Is DTC detected?

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

# B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-250, "DTC Logic"](#).

Is DTC detected?

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

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# B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1084 SEAT BELT PRE-TENSIONER RH

### Description

INFOID:000000008196997

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008196998

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-252. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008196999

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-252. "DTC Logic"](#).

#### Is DTC detected?

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

# B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-252, "DTC Logic"](#).

Is DTC detected?

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

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# B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1086 SEAT BELT PRE-TENSIONER LH

### Description

INFOID:000000008197000

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008197001

### 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>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-254. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197002

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-254. "DTC Logic"](#).

#### Is DTC detected?

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

# B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-254, "DTC Logic"](#).

Is DTC detected?

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

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# B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1087 SEAT BELT PRE-TENSIONER LH

### Description

INFOID:000000008197003

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008197004

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-256. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197005

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-256. "DTC Logic"](#).

#### Is DTC detected?

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



# B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-256, "DTC Logic"](#).

Is DTC detected?

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

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# B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1088 SEAT BELT PRE-TENSIONER LH

### Description

INFOID:000000008197006

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008197007

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-258. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197008

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-258. "DTC Logic"](#).

#### Is DTC detected?

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

# B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-258, "DTC Logic"](#).

Is DTC detected?

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

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# B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1089 SEAT BELT PRE-TENSIONER LH

### Description

INFOID:000000008197009

In the case of a frontal collision that is more than the 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.

### DTC Logic

INFOID:000000008197010

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-260. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197011

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-260. "DTC Logic"](#).

#### Is DTC detected?

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

# B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-260, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

### Description

INFOID:000000008197012

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008197013

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1090 B1091 B1092 B1093 B0194 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-262, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197014

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-262, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

### Description

INFOID:000000008197015

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008197016

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1106 B1107 B1108 B1109 B1110 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-264, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197017

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-264, "DTC Logic"](#).



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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1113, B1114 SATELLITE SENSOR RH

### Description

INFOID:000000008197018

When air bag diagnosis sensor unit defines both signal voltage of the "G" 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 front side air bag and side curtain air bag.

### DTC Logic

INFOID:000000008197019

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-266, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197020

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-266, "DTC Logic"](#).

#### Is DTC detected?

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

# B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-266, "DTC Logic"](#).

Is DTC detected?

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

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# B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1115 SATELLITE SENSOR RH

### Description

INFOID:000000008197021

When air bag diagnosis sensor unit defines both signal voltage of the "G" 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 front side air bag and side curtain air bag.

### DTC Logic

INFOID:000000008197022

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-268. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197023

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-268. "DTC Logic"](#).

#### Is DTC detected?

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

# B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-268, "DTC Logic"](#).

Is DTC detected?

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

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# B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1116 SATELLITE SENSOR RH

### Description

INFOID:000000008197024

When air bag diagnosis sensor unit defines both signal voltage of the "G" 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 front side air bag and side curtain air bag.

### DTC Logic

INFOID:000000008197025

### 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-270, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197026

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-270, "DTC Logic"](#).

#### Is DTC detected?

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

#### 4.REPLACE SATELLITE SENSOR

# B1116 SATELLITE SENSOR RH

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace satellite sensor RH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-270, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1118, B1119 SATELLITE SENSOR LH

### Description

INFOID:000000008197027

When air bag diagnosis sensor unit defines both signal voltage of the "G" 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 front side air bag and side curtain air bag.

### DTC Logic

INFOID:000000008197028

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-272. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197029

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-272. "DTC Logic"](#).

#### Is DTC detected?

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



# B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-272, "DTC Logic"](#)

Is DTC detected?

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

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SRC

## B1120 SATELLITE SENSOR LH

### Description

INFOID:000000008197030

When air bag diagnosis sensor unit defines both signal voltage of the “G” 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 front side air bag and side curtain air bag.

### DTC Logic

INFOID:000000008197031

#### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none"> <li>Disconnection of wiring harness</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 “AIR BAG” Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

**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-274, "Diagnosis Procedure"](#).  
 NO >> INSPECTION END

#### Diagnosis Procedure

INFOID:000000008197032

**WARNING:**

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-274, "DTC Logic"](#).

Is DTC detected?

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

# B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-274, "DTC Logic"](#).

Is DTC detected?

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

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## B1121 SATELLITE SENSOR LH

### Description

INFOID:000000008197033

When air bag diagnosis sensor unit defines both signal voltage of the “G” 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 front side air bag and side curtain air bag.

### DTC Logic

INFOID:000000008197034

#### 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 “AIR BAG” Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

**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-276, "Diagnosis Procedure"](#).  
 NO >> INSPECTION END

#### Diagnosis Procedure

INFOID:000000008197035

**WARNING:**

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-276, "DTC Logic"](#).

Is DTC detected?

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

##### 4. REPLACE SATELLITE SENSOR

# B1121 SATELLITE SENSOR LH

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace satellite sensor LH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-276, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

### Description

INFOID:000000008197036

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008197037

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1122 B1123 B1124 B1125 B1126 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-278, "Diagnosis Procedure"](#).

NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197038

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-278, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1129 SIDE AIR BAG MODULE RH

### Description

INFOID:000000008197039

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.

### DTC Logic

INFOID:000000008197040

### 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>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#)

#### 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-280, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197041

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-280, "DTC Logic"](#).

Is DTC detected?

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



# B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SR-22, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-280, "DTC Logic"](#).

Is DTC detected?

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

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# B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1130 SIDE AIR BAG MODULE RH

### Description

INFOID:000000008197042

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.

### DTC Logic

INFOID:000000008197043

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-282. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197044

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-282. "DTC Logic"](#).

#### Is DTC detected?

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

# B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-282, "DTC Logic"](#).

Is DTC detected?

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

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# B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1131 SIDE AIR BAG MODULE RH

### Description

INFOID:000000008197045

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.

### DTC Logic

INFOID:000000008197046

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-284. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197047

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-284. "DTC Logic"](#).

#### Is DTC detected?

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

# B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-284, "DTC Logic"](#).

Is DTC detected?

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

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# B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1132 SIDE AIR BAG MODULE RH

### Description

INFOID:000000008197048

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.

### DTC Logic

INFOID:000000008197049

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-286, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197050

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-286, "DTC Logic"](#).

Is DTC detected?

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

# B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-286, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1134 SIDE AIR BAG MODULE LH

### Description

INFOID:000000008197051

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.

### DTC Logic

INFOID:000000008197052

### 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>• Disconnection of wiring harness and 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-288. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197053

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-288. "DTC Logic"](#).

#### Is DTC detected?

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



# B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-288, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1135 SIDE AIR BAG MODULE LH

### Description

INFOID:000000008197054

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.

### DTC Logic

INFOID:000000008197055

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-290. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197056

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-290. "DTC Logic"](#).

#### Is DTC detected?

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

# B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-290, "DTC Logic"](#).

Is DTC detected?

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

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**SRC**

# B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1136 SIDE AIR BAG MODULE LH

### Description

INFOID:000000008197057

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.

### DTC Logic

INFOID:000000008197058

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-292. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197059

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-292. "DTC Logic"](#).

#### Is DTC detected?

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

# B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-292, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1137 SIDE AIR BAG MODULE LH

### Description

INFOID:000000008197060

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.

### DTC Logic

INFOID:000000008197061

### 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>• Disconnection of wiring harness and short</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-294. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197062

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-294. "DTC Logic"](#).

#### Is DTC detected?

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

# B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-67, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-294, "DTC Logic"](#).

Is DTC detected?

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

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

### Description

INFOID:000000008197063

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008197064

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1138 B1139 B1140 B1141 B1142 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-296, "Diagnosis Procedure"](#).

NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197065

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-296, "DTC Logic"](#).



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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1144 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1144 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008197066

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008197067

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1144	CONTROL UNIT [MISS INSTALLATION]	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

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-298. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197068

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-298. "DTC Logic"](#).

#### Is DTC detected?

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

# B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008197093

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008197094

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1154 B1155 B1156 B1157 B1158 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-299, "Diagnosis Procedure"](#).

NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197095

#### WARNING:

- **Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-299, "DTC Logic"](#).

# B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008197096

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008197097

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1170 B1171 B1172 B1173 B1174 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-301, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197098

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-301, "DTC Logic"](#).

# B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008197099

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008197100

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1186 B1187 B1188 B1189 B1190 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-303, "Diagnosis Procedure"](#).

NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197101

#### WARNING:

- **Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-303, "DTC Logic"](#).

**B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT**

< DTC/CIRCUIT DIAGNOSIS >

**[ROADSTER]**

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Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END



# B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008197102

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008197103

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1202 B1203 B1204 B1205 B1206 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-305, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197104

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-305, "DTC Logic"](#).

# B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

# B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1209 FRONTAL COLLISION DETECTION

### Description

INFOID:000000008197105

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:000000008197106

### 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-307, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197107

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-8, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-9, "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

#### Is collision diagnosis complete?

- YES >> GO TO 2.  
NO >> INSPECTION END

#### 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-348, "DTC Index"](#).

# B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1210 SIDE COLLISION DETECTION

### Description

INFOID:000000008197108

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:000000008197109

### 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190. "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-308. "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197110

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-10. "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-11. "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

#### Is collision diagnosis complete?

- YES >> GO TO 2.  
NO >> INSPECTION END

#### 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-348. "DTC Index"](#).

# B1211 ROLLOVER DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1211 ROLLOVER DETECTION

### Description

INFOID:000000008197111

The seat belt pre-tensioner and curtain air bag are activated by the air bag diagnosis sensor unit signal at the time of rollover.

### DTC Logic

INFOID:000000008197112

### DTC DETECTION LOGIC

With CONSULT

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner and curtain air bag module are deployed because of rollover detection	—

### DTC CONFIRMATION PROCEDURE

#### 1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-309, "Diagnosis Procedure"](#).  
 NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197113

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-11, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

- YES >> GO TO 2.  
 NO >> INSPECTION END

#### 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-348, "DTC Index"](#).

# B1212, B1213, B1214 SATELLITE SENSOR RH

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

## B1212, B1213, B1214 SATELLITE SENSOR RH

### Description

INFOID:000000008197114

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

### DTC Logic

INFOID:000000008197115

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1212 B1213 B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-310, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197116

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-310, "DTC Logic"](#).

#### Is DTC detected?

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

#### 4. REPLACE SATELLITE SENSOR

# B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

1. Replace satellite sensor RH. Refer to [SR-28, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-310, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1215, B1216, B1217 SATELLITE SENSOR LH

### Description

INFOID:000000008197117

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

### DTC Logic

INFOID:000000008197118

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1215 B1216 B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none"><li>• Disconnection of wiring harness</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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-312, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197119

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-312, "DTC Logic"](#).

#### Is DTC detected?

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

#### 4. REPLACE SATELLITE SENSOR



# B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

1. Replace satellite sensor LH. Refer to [SR-28. "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-312. "DTC Logic"](#)

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

### Description

INFOID:000000008197120

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

### DTC Logic

INFOID:000000008197121

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1218 B1219 B1220 B1221 B1222 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-314, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197122

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-314, "DTC Logic"](#).

# B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008814591

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1234 B1235 B1236 B1237 B1238 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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-316, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814592

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-316, "DTC Logic"](#).

#### Is DTC detected?

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

# B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008814593

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1250 B1251 B1252 B1253 B1254 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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-317, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814594

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-317, "DTC Logic"](#).

#### Is DTC detected?

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

# B1257 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1257 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

### Description

INFOID:000000008197126

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.

### DTC Logic

INFOID:000000008197127

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1257	FR-RH DOOR MNT MODULE [OPEN]	Door-mounted curtain air bag module RH circuit is open	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and open</li><li>• Malfunction in side door-mounted 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-318, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197128

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-318, "DTC Logic"](#).

Is DTC detected?

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

# B1257 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to [SR-24, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-318, "DTC Logic"](#).

Is DTC detected?

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

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# B1258 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1258 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

### Description

INFOID:000000008197129

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.

### DTC Logic

INFOID:000000008197130

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1258	FR-RH DOOR MNT MODULE [VB-SHORT]	Door-mounted curtain air bag module RH circuit is shorted to power supply circuit	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</li><li>• Malfunction in door-mounted 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-320, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197131

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-320, "DTC Logic"](#).

#### Is DTC detected?

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



# B1258 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to [SR-24, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-320, "DTC Logic"](#).

Is DTC detected?

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

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# B1259 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1259 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

### Description

INFOID:000000008197132

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.

### DTC Logic

INFOID:000000008197133

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1259	FR-RH DOOR MNT MODULE [GND-SHORT]	Door-mounted curtain air bag module RH circuit is shorted to ground	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</li><li>• Malfunction in door-mounted 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-322, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197134

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-322, "DTC Logic"](#).

#### Is DTC detected?

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

# B1259 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to [SR-24, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-322, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1260 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1260 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

### Description

INFOID:000000008197135

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.

### DTC Logic

INFOID:000000008197136

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1260	FR-RH DOOR MNT MODULE [SHORT]	Door-mounted curtain air bag module RH circuits are shorted to each other	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</li><li>• Malfunction in door-mounted 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-324, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197137

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-324, "DTC Logic"](#).

#### Is DTC detected?

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

# B1260 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to [SR-24, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-324, "DTC Logic"](#).

Is DTC detected?

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

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# B1262 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1262 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

### Description

INFOID:000000008197138

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.

### DTC Logic

INFOID:000000008197139

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1262	FR-LH DOOR MNT MODULE [OPEN]	Door-mounted curtain air bag module LH circuit is open	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and open</li><li>• Malfunction in door-mounted 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-326, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197140

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-326, "DTC Logic"](#).

#### Is DTC detected?

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

# B1262 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to [SR-24, "Removal and Installation"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-326, "DTC Logic"](#).

Is DTC detected?

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

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SRC

# B1263 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1263 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

### Description

INFOID:000000008197141

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.

### DTC Logic

INFOID:000000008197142

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1263	FR-LH DOOR MNT MODULE [VB-SHORT]	Door-mounted curtain air bag module LH circuit is shorted to power supply circuit	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</li><li>• Malfunction in door-mounted 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 "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-328, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197143

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-328, "DTC Logic"](#).

Is DTC detected?

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



# B1263 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to [SR-24, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-328, "DTC Logic"](#).

Is DTC detected?

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

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# B1264 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1264 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

### Description

INFOID:000000008197144

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.

### DTC Logic

INFOID:000000008197145

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1264	FR-LH DOOR MNT MODULE [GND-SHORT]	Door-mounted curtain air bag module LH circuit is shorted to ground	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</li><li>• Malfunction in door-mounted 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-330, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197146

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-330, "DTC Logic"](#).

#### Is DTC detected?

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

# B1264 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to [SR-24, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-330, "DTC Logic"](#).

Is DTC detected?

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

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# B1265 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1265 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

### Description

INFOID:000000008197147

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.

### DTC Logic

INFOID:000000008197148

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1265	FR-LH DOOR MNT MODULE [SHORT]	Door-mounted curtain air bag module LH circuits are shorted to each other	<ul style="list-style-type: none"><li>• Disconnection of wiring harness and short</li><li>• Malfunction in door-mounted 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 "AIR BAG" Self Diagnostic Result.

##### Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-332, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008197149

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-30, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-332, "DTC Logic"](#).

#### Is DTC detected?

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

# B1265 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## 4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to [SR-24, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-332, "DTC Logic"](#).

Is DTC detected?

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

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# B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008814595

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1266 B1267 B1268 B1269	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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-334, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814596

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-334, "DTC Logic"](#).

#### Is DTC detected?

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

# B1282, B1283, B1284, B1285 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1282, B1283, B1284, B1285 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008814597

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1282 B1283 B1284 B1285	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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-335, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814598

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-335, "DTC Logic"](#).

#### Is DTC detected?

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

# B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1336, B1337 SATELLITE SENSOR RH

### Description

INFOID:000000008836381

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814601

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1336 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 .

#### 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-336, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814602

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-336, "DTC Logic"](#).

Is DTC detected?

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

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



# B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-336, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

### Description

INFOID:000000008836382

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814603

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM 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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-338, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814604

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-338, "DTC Logic"](#).

Is DTC detected?

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

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

# B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-338, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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# B1339 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1339 SATELLITE SENSOR RH

### Description

INFOID:000000008836383

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814605

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1339	FR-RH DOOR SATEL SENS [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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-340, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814606

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-340, "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-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-340, "DTC Logic"](#).

#### Is DTC detected?

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

# B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1343, B1344 SATELLITE SENSOR LH

### Description

INFOID:000000008836384

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814607

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1343 B1344	FR-LH DOOR SATEL SENS [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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-341, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814608

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-341, "DTC Logic"](#)

Is DTC detected?

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

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

## B1343, B1344 SATELLITE SENSOR LH

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-341, "DTC Logic"](#).

Is DTC detected?

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

# B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

### Description

INFOID:000000008836385

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814609

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM 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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-343, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814610

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-343, "DTC Logic"](#).

#### Is DTC detected?

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

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

## B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

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1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-343, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END



# B1346 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1346 SATELLITE SENSOR LH

### Description

INFOID:000000008836386

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814611

### 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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-345, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814612

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-345, "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-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-345, "DTC Logic"](#).

#### Is DTC detected?

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

# B1350, B1351 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1350, B1351 SATELLITE SENSOR

### Description

INFOID:000000008836387

Front door satellite sensor outputs voltage signal of pressure inside the front door.

### DTC Logic

INFOID:000000008814613

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1350 B1351	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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-346, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814614

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SENSORS

- Replace both of front door satellite sensors. Refer to [SR-28, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-346, "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-32, "ROADSTER : Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-346, "DTC Logic"](#).

#### Is DTC detected?

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

# B1378, B1379, B1380, B1381 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

## B1378, B1379, B1380, B1381 DIAGNOSIS SENSOR UNIT

### DTC Logic

INFOID:000000008814599

### DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1378 B1379 B1380 B1381	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-190, "Diagnosis with Air Bag Warning Lamp"](#).

#### 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-347, "Diagnosis Procedure"](#).  
NO >> INSPECTION END

### Diagnosis Procedure

INFOID:000000008814600

#### WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-347, "DTC Logic"](#).

#### Is DTC detected?

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

# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

## ECU DIAGNOSIS INFORMATION

### DIAGNOSIS SENSOR UNIT

#### DTC Index

INFOID:000000008197150

DTC	Diagnostic item	Explanation	Reference page
—	NO DTC IS DETECTED.	Low battery voltage (Less than 9 V)	<a href="#">SRC-195. "CONSULT Function"</a> .
		When malfunction is indicated by the "AIR BAG" warning lamp in the user mode	<a href="#">SRC-190. "Diagnosis with Air Bag Warning Lamp"</a> , <a href="#">SRC-195. "CONSULT Function"</a> .
		Self-diagnostic result is not erased after repair	<a href="#">GI-45. "Intermittent Incident"</a>
		Intermittent malfunction is detected in the past	—
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-196. "DTC Logic"</a>.</li> <li>• <a href="#">SRC-198. "DTC Logic"</a>.</li> <li>• <a href="#">SRC-200. "DTC Logic"</a>.</li> </ul>
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Malfunction occurs in Occupant Classification System control unit	<a href="#">SRC-202. "DTC Logic"</a> .
B1018	OCCUPANT SENS [UNIT FAIL]	Malfunction occurs in Occupant Classification System sensor	<a href="#">SRC-204. "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 air bag diagnosis sensor unit, or air bag diagnosis sensor unit	<a href="#">SRC-206. "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-208. "DTC Logic"</a> .
B1025 B1032 B1048	OCS SENSOR	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit air bag diagnosis sensor unit, or air bag diagnosis sensor unit	<a href="#">SRC-210. "DTC Logic"</a> .
B1026-B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	<a href="#">SRC-212. "DTC Logic"</a> .
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning	<a href="#">SRC-214. "DTC Logic"</a> .
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning	<a href="#">SRC-216. "DTC Logic"</a> .
B1036	CRASH ZONE SEN [UNMATCH]	Crash zone sensor is out of the specified specification	<a href="#">SRC-218. "DTC Logic"</a> .
B1037 B1039 B1041	CRASH ZONE SEN1	Crash zone sensor is malfunctioning	<a href="#">SRC-220. "DTC Logic"</a> .
B1038	CRASH ZONE SEN [OPEN/UPR-VB-SHORT]	Crash zone sensor is malfunctioning	<a href="#">SRC-220. "DTC Logic"</a> .
B1040	CRASH ZONE SEN [SHORT/UPR-GND-SHORT]	Crash zone sensor is malfunctioning	<a href="#">SRC-220. "DTC Logic"</a> .

# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

**[ROADSTER]**

DTC	Diagnostic item	Explanation	Reference page
B1042-B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-222, "DTC Logic"</a>
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	<a href="#">SRC-224, "DTC Logic"</a>
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	<a href="#">SRC-226, "DTC Logic"</a>
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	<a href="#">SRC-228, "DTC Logic"</a>
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	<a href="#">SRC-230, "DTC Logic"</a>
B1058-B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-232, "DTC Logic"</a>
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	<a href="#">SRC-234, "DTC Logic"</a>
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	<a href="#">SRC-236, "DTC Logic"</a>
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	<a href="#">SRC-238, "DTC Logic"</a>
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	<a href="#">SRC-240, "DTC Logic"</a>
B1074-B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-242, "DTC Logic"</a>
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	<a href="#">SRC-244, "DTC Logic"</a>
B1081	PRE-TEN FRONT RH [OPEN]	Seat belt pre-tensioner RH circuit is open	<a href="#">SRC-246, "DTC Logic"</a>
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	<a href="#">SRC-248, "DTC Logic"</a>
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	<a href="#">SRC-250, "DTC Logic"</a>
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	<a href="#">SRC-252, "DTC Logic"</a>
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	<a href="#">SRC-254, "DTC Logic"</a>
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	<a href="#">SRC-256, "DTC Logic"</a>
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	<a href="#">SRC-258, "DTC Logic"</a>
B1089	PRE-TEN FRONT LH [SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	<a href="#">SRC-260, "DTC Logic"</a>
B1090-B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-262, "DTC Logic"</a>
B1106-B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-264, "DTC Logic"</a>
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	<a href="#">SRC-266, "DTC Logic"</a>
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning	<a href="#">SRC-268, "DTC Logic"</a>
B1116	SATELLITE SENS RH [UNMATCH]	Satellite sensor RH is out of the specified specification	<a href="#">SRC-270, "DTC Logic"</a>
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	<a href="#">SRC-272, "DTC Logic"</a>

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

SRC

# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

DTC	Diagnostic item	Explanation	Reference page
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor RH is malfunctioning	<a href="#">SRC-274, "DTC Logic"</a> .
B1121	SATELLITE SENS LH [UNMATCH]	Satellite sensor RH is out of the specified specification	<a href="#">SRC-276, "DTC Logic"</a> .
B1122-B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-278, "DTC Logic"</a> .
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	<a href="#">SRC-280, "DTC Logic"</a> .
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	<a href="#">SRC-282, "DTC Logic"</a> .
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	<a href="#">SRC-284, "DTC Logic"</a> .
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	<a href="#">SRC-286, "DTC Logic"</a> .
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	<a href="#">SRC-288, "DTC Logic"</a> .
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	<a href="#">SRC-290, "DTC Logic"</a> .
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	<a href="#">SRC-292, "DTC Logic"</a> .
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	<a href="#">SRC-294, "DTC Logic"</a> .
B1138-B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-296, "DTC Logic"</a> .
B1144	CONTROL UNIT [MISS INSTALLATION]	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	<a href="#">SRC-298, "DTC Logic"</a> .
B1154-B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-299, "DTC Logic"</a> .
B1170-B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-301, "DTC Logic"</a> .
B1186-B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-303, "DTC Logic"</a> .
B1202-B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-305, "DTC Logic"</a> .
B1209	FRONTAL COLLISION DETECTION	Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed	<a href="#">SRC-307, "DTC Logic"</a> .
B1210	SIDE COLLISION DETECTION	Side air bag and door-mounted curtain air bag is deployed	<a href="#">SRC-308, "DTC Logic"</a> .
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner side door-mounted curtain air bag module are deployed because of rollover detection	<a href="#">SRC-309, "DTC Logic"</a> .
B1212-B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	<a href="#">SRC-310, "DTC Logic"</a> .
B1215-B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	<a href="#">SRC-312, "DTC Logic"</a> .
B1218-B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-314, "DTC Logic"</a> .
B1234-B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-316, "DTC Logic"</a> .
B1250-B1255	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-317, "DTC Logic"</a> .
B1257	FR-RH DOOR MNT MODULE [OPEN]	Door-mounted curtain air bag RH circuit is open	<a href="#">SRC-318, "DTC Logic"</a> .

# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

DTC	Diagnostic item	Explanation	Reference page
B1258	FR-RH DOOR MNT MODULE [VB-SHORT]	Door-mounted curtain air bag RH circuit is shorted to power supply circuit	<a href="#">SRC-320, "DTC Logic"</a>
B1259	FR-RH DOOR MNT MODULE [GND-SHORT]	Door-mounted curtain air bag RH circuit is shorted to ground	<a href="#">SRC-322, "DTC Logic"</a>
B1260	FR-RH DOOR MNT MODULE [SHORT]	Door-mounted curtain air bag RH circuit are shorted to each other	<a href="#">SRC-324, "DTC Logic"</a>
B1262	FR-LH DOOR MNT MODULE [OPEN]	Door-mounted curtain air bag LH circuit is open	<a href="#">SRC-326, "DTC Logic"</a>
B1263	FR-LH DOOR MNT MODULE [VB-SHORT]	Door-mounted curtain air bag LH circuit is shorted to power supply circuit	<a href="#">SRC-328, "DTC Logic"</a>
B1264	FR-LH DOOR MNT MODULE [GND-SHORT]	Door-mounted curtain air bag LH circuit is shorted to ground	<a href="#">SRC-330, "DTC Logic"</a>
B1265	FR-LH DOOR MNT MODULE [SHORT]	Door-mounted curtain air bag LH circuit are shorted to each other	<a href="#">SRC-332, "DTC Logic"</a>
B1266-B1269	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-334, "DTC Logic"</a>
B1282-B1285	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-335, "DTC Logic"</a>
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor RH is malfunctioning	<a href="#">SRC-336, "DTC Logic"</a>
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor RH is malfunctioning	<a href="#">SRC-338, "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-340, "DTC Logic"</a>
B1343 B1344	FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor LH is malfunctioning	<a href="#">SRC-341, "DTC Logic"</a>
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor LH is malfunctioning	<a href="#">SRC-343, "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-345, "DTC Logic"</a>
B1350 B1351	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning	<a href="#">SRC-346, "DTC Logic"</a>
B1378-B1381	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<a href="#">SRC-347, "DTC Logic"</a>

A  
B  
C  
D  
E  
F  
G  
SRC  
I  
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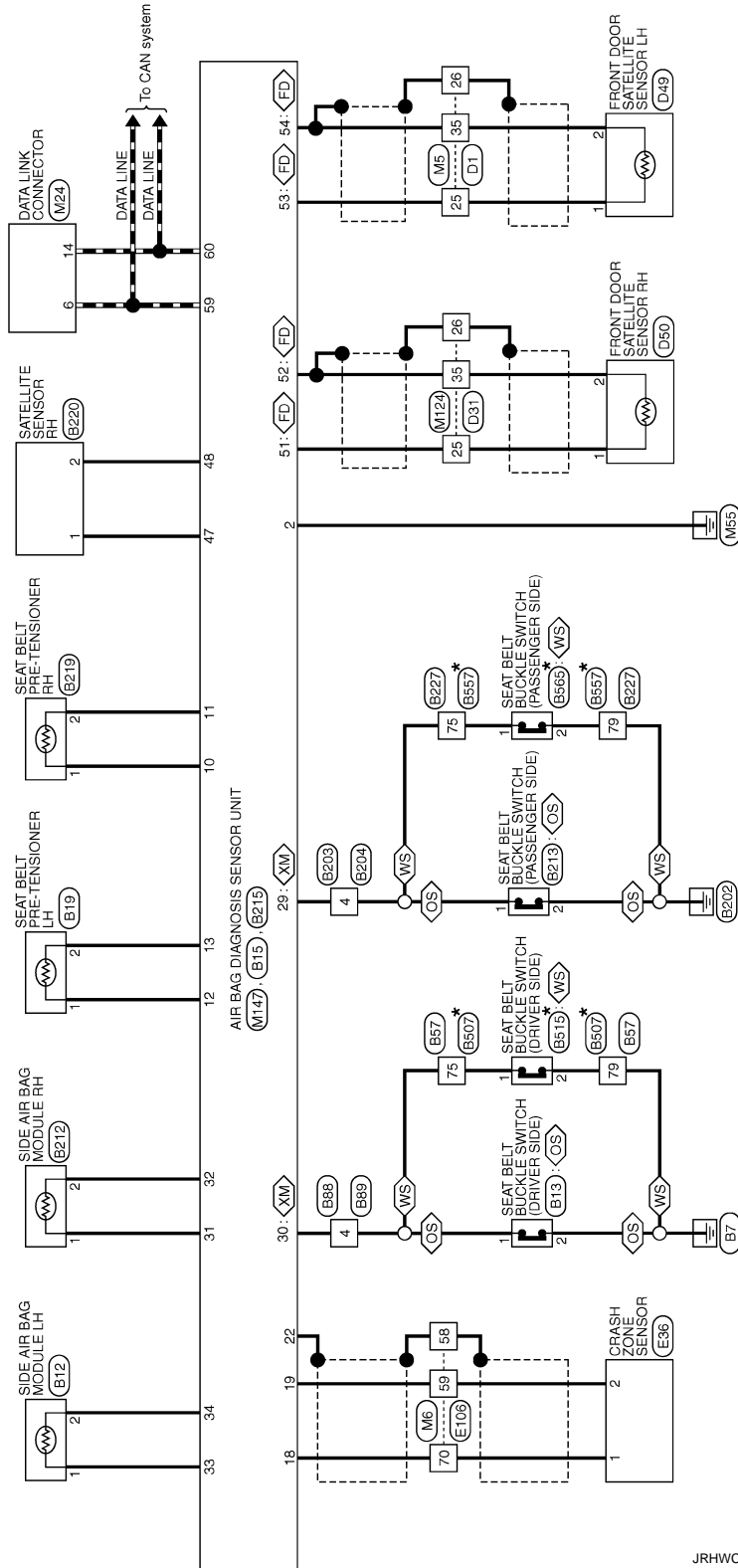


# DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

- ◊XM◊ : Except for Mexico
- ◊WS◊ : With climate controlled seat
- ◊OS◊ : Without climate controlled seat
- ◊FD◊ : With front door satellite sensor



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

JRHWC0240GB

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SRC

# SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

[ROADSTER]

## SYMPTOM DIAGNOSIS

### SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

#### Diagnosis Procedure

INFOID:000000008197152

#### 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 10A 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-30, "COUPE : Exploded View"](#).

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-92, "Removal and Installation"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.

# SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

[ROADSTER]

## SRS AIR BAG WARNING LAMP DOES NOT TURN ON

### Diagnosis Procedure

INFOID:000000008197153

#### 1.CHECK COMBINATION METER POWER SUPPLY AND GROUND CIRCUIT

Check combination meter unit power supply and ground circuit. Refer to [MWI-45, "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-30, "COUPE : Exploded View"](#).

NO >> Replace combination meter. Refer to [MWI-92, "Removal and Installation"](#).

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## PRECAUTION

### PRECAUTIONS

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

INFOID:000000008197154

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 battery, and wait at least 3 minutes before performing any service.

#### Service

INFOID:000000008197155

- Do not use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more.  
For approximately 3 minutes after the battery negative terminal is removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until 3 minutes or more elapse.
- Diagnosis sensor unit must always be installed with their arrow marks "⇐" pointing towards the front of the vehicle for normal operation. Also check diagnosis sensor unit for cracks, deformities, or rust before installation and replace if necessary.
- The spiral cable must be aligned in the neutral position since its rotations are limited. Do not 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.
- Perform self-diagnosis to check entire SRS for normal function after replacing any components.
- After air bag inflates, the front instrument panel assembly must be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

#### Occupant Classification System Precaution

INFOID:000000008197156

Replace Occupant Classification System control unit and passenger front seat cushion as an assembly. Refer to [SE-71, "Removal and Installation"](#).

Precaution for Battery Service

INFOID:000000008197157

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

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