

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"
DIAGNOSIS SENSOR UNIT (CONTROL UNIT) [B1202-B1207]	<ul style="list-style-type: none"> Diagnosis sensor is out of order. 	<ul style="list-style-type: none"> Replace diagnosis sensor unit (ACU).
FRONTAL COLLISION DETECTION [B1209]	<ul style="list-style-type: none"> Seat belt pre-tensioner and front air bag is deployed. 	<ul style="list-style-type: none"> Go to SRC-134, "Diagnosis Procedure (Component diagnosis)".
SIDE COLLISION DETECTION [B1210]	<ul style="list-style-type: none"> Side and curtain air bag is deployed. 	<ul style="list-style-type: none"> Go to SRC-136, "Diagnosis Procedure (Component diagnosis)".

*: with RHD models.

WARNING LAMP FLASH CODE CHART (Without CONSULT-III)

NOTE:

Follow the procedures in numerical order when repairing malfunctioning parts. Confirm whether malfunction is eliminated using air bag warning lamp or CONSULT-III each time repair is completed. If malfunction is still observed, proceed to the next step. When malfunction is eliminated, further repair work is not required.

<Diagnosis results (previously stored in the memory) might not be erased after repair or intermittent malfunctions have been detected in the past.>	
Flash pattern	Repair order
a through b are repeated. IGN ON ON OFF	1. Erase memory. (Once key switch is turned from OFF to ON, TROUBLE DIAG RECORD will be erased.)

PHIA0532E

<Diagnosis sensor unit>	
Flash pattern	Repair order
a through d are repeated. d: Seven flashes indicate malfunctioning diagnosis sensor unit circuit.	1. Replace the diagnosis sensor unit (ACU).

JMHI A0034GB

<Front passenger air bag indicator CKT>	
Flash pattern	Repair order
a through d are repeated. d: Eleven flashes indicate malfunctioning front passenger air bag off indicator.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace front passenger air bag off indicator unit. 4. Replace the diagnosis sensor unit (ACU).

JMHI A0233GB

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<Front passenger air bag deactivation switch>	
Flash pattern	Repair order
<p>a through d are repeated. d: Ten flashes indicate malfunctioning front passenger air bag deactivation switch.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace front passenger air bag deactivation switch. 4. Replace the diagnosis sensor unit (ACU).
JMHI A0228GB	
<Crash zone sensor>	
Flash pattern	Repair order
<p>a through d are repeated. d: Six flashes indicate malfunctioning crash zone sensor circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the crash zone sensor. 4. Replace the diagnosis sensor unit.
JMHI A0036GB	
<Driver air bag module>	
Flash pattern	Repair order
<p>a through d are repeated. d: Two flashes indicate malfunctioning driver air bag module circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the driver air bag module. 4. Replace the spiral cable. 5. Replace the diagnosis sensor unit (ACU).
JMHI A0033GB	
<Front passenger air bag module>	
Flash pattern	Repair order
<p>a through d are repeated. d: Eight flashes indicate malfunctioning front passenger air bag module circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front passenger air bag module. 4. Replace the diagnosis sensor unit (ACU).
JMHI A0035GB	
<Front RH seat belt pre-tensioner>	
Flash pattern	Repair order
<p>a through d are repeated. d: One flash indicates malfunctioning front RH seat belt pre-tensioner circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace the front RH seat belt. 4. Replace the diagnosis sensor unit (ACU).
JMHI A0037GB	

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<Front LH seat belt pre-tensioner>	
Flash pattern	Repair order
<p>a through d are repeated. d: Three flashes indicate malfunctioning front LH seat belt pre-tensioner circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace the front LH seat belt. 4. Replace the diagnosis sensor unit (ACU).

JMHI A0038GB

<RH side air bag (Satellite) sensor>	
Flash pattern	Repair order
<p>a through f are repeated. f: Three flashes indicate malfunctioning RH side air bag (Satellite) sensor circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the RH side air bag (Satellite) sensor. 4. Replace the diagnosis sensor unit.

JMHI A0039GB

<LH side air bag (Satellite) sensor>	
Flash pattern	Repair order
<p>a through f are repeated. f: Four flashes indicate malfunctioning LH side air bag (Satellite) sensor.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the LH side air bag (Satellite) sensor. 4. Replace the diagnosis sensor unit.

JMHI A0040GB

<Front RH side air bag module>	
Flash pattern	Repair order
<p>a through f are repeated. f: One flash indicates malfunctioning front RH side air bag module circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front RH side air bag module. 4. Replace the diagnosis sensor unit (ACU).

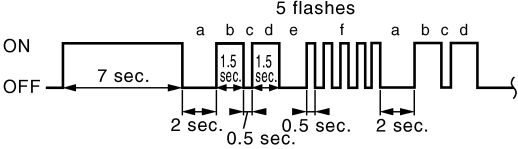
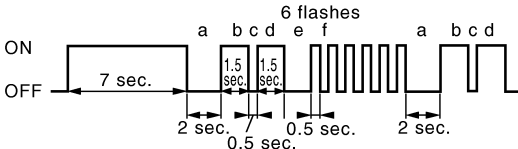
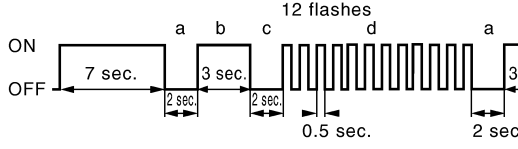
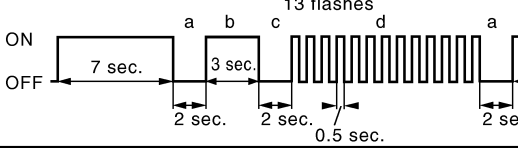
JMHI A0041GB

<Front LH side air bag module>	
Flash pattern	Repair order
<p>a through f are repeated. f: Two flashes indicate malfunctioning front LH side air bag module circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front LH side air bag module. 4. Replace the diagnosis sensor unit (ACU).

JMHI A0042GB

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<RH side curtain air bag module>	
Flash pattern	Repair order
<p>a through f are repeated. f: Five flashes indicate malfunctioning RH side curtain air bag module circuit.</p> 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the RH side curtain air bag module. 4. Replace the diagnosis sensor unit (ACU).
JMHI A0043GB	
<LH side curtain air bag module>	
Flash pattern	Repair order
<p>a through f are repeated. f: Six flashes indicate malfunctioning LH side curtain air bag module circuit.</p> 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the LH side curtain air bag module. 4. Replace the diagnosis sensor unit (ACU).
JMHI A0044GB	
<Front RH seat belt pre-tensioner 2>	
Flash pattern	Repair order
<p>a through d are repeated. d: Twelve flashes indicates malfunctioning front RH seat belt pre-tensioner 2 circuit.</p> 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace the front RH seat belt pre-tensioner 2. 4. Replace the diagnosis sensor unit (ACU).
JMHI A0223GB	
<Front LH seat belt pre-tensioner 2>	
Flash pattern	Repair order
<p>a through d are repeated. d: Thirteen flashes indicate malfunctioning front LH seat belt pre-tensioner 2 circuit.</p> 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace the front LH seat belt pre-tensioner 2. 4. Replace the diagnosis sensor unit (ACU).
JMHI A0222GB	

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