

**DTC U0001:88/U0100:00/U0101:00/U0121:00/U0151:00/U0155:00/U0214:00/U023A:00/U0515:00 [FRONT BODY CONTROL MODULE (FBCM)]**

id0902p2010100

<b>System malfunction location</b>	<p><b>U0001:88</b></p> <ul style="list-style-type: none"> <li>• Module communication error (HS-CAN)</li> </ul> <p><b>U0100:00</b></p> <ul style="list-style-type: none"> <li>• Communication error with PCM</li> </ul> <p><b>U0101:00</b></p> <ul style="list-style-type: none"> <li>• Communication error with TCM</li> </ul> <p><b>U0121:00</b></p> <ul style="list-style-type: none"> <li>• Communication error with DSC HU/CM</li> </ul> <p><b>U0151:00</b></p> <ul style="list-style-type: none"> <li>• SAS control module communication error</li> </ul> <p><b>U0155:00</b></p> <ul style="list-style-type: none"> <li>• Communication error with instrument cluster</li> </ul> <p><b>U0214:00</b></p> <ul style="list-style-type: none"> <li>• Communication error with start stop unit</li> </ul> <p><b>U023A:00</b></p> <ul style="list-style-type: none"> <li>• Communication error with forward sensing camera (FSC)</li> </ul> <p><b>U0515:00</b></p> <ul style="list-style-type: none"> <li>• SAS control module communication error</li> </ul>
<b>Detection condition</b>	<ul style="list-style-type: none"> <li>• U0001:88 <ul style="list-style-type: none"> <li>— The front body control module (FBCM) detects CAN bus communication line (HS-CAN) malfunction <b>10 times</b> continuously.</li> </ul> </li> <li>• U0100:00 <ul style="list-style-type: none"> <li>— The front body control module (FBCM) could not receive CAN signal from the PCM for <b>5 s or more</b>.</li> </ul> </li> <li>• U0101:00 <ul style="list-style-type: none"> <li>— The front body control module (FBCM) could not receive CAN signal from the TCM for <b>5 s or more</b>.</li> </ul> </li> <li>• U0121:00 <ul style="list-style-type: none"> <li>— The front body control module (FBCM) could not receive CAN signal from the DSC HU/CM for <b>5 s or more</b>.</li> </ul> </li> <li>• U0151:00 <ul style="list-style-type: none"> <li>— The front body control module (FBCM) could not receive CAN signal from the SAS control module for <b>5 s or more</b>.</li> </ul> </li> <li>• U0155:00 <ul style="list-style-type: none"> <li>— The front body control module (FBCM) could not receive CAN signal from the instrument cluster for <b>5 s or more</b>.</li> </ul> </li> <li>• U0214:00 <ul style="list-style-type: none"> <li>— The front body control module (FBCM) could not receive CAN signal from the start stop unit for <b>5 s or more</b>.</li> </ul> </li> <li>• U023A:00 <ul style="list-style-type: none"> <li>— The front body control module (FBCM) could not receive CAN signal from the forward sensing camera (FSC) for <b>5 s or more</b>.</li> </ul> </li> <li>• U0515:00 <ul style="list-style-type: none"> <li>— The front body control module (FBCM) could not receive CAN signal from the SAS control module for <b>5 s or more</b>.</li> </ul> </li> </ul>
<b>Fail-safe</b>	<ul style="list-style-type: none"> <li>• U0001:88 <ul style="list-style-type: none"> <li>— Control at the default signal value after holding the previous value for 5 s.</li> </ul> </li> <li>• U0100:00 <ul style="list-style-type: none"> <li>— Control at the default signal value after holding the previous value for 5 s.</li> </ul> </li> <li>• U0101:00 <ul style="list-style-type: none"> <li>— Control at the default signal value after holding the previous value for 5 s.</li> </ul> </li> <li>• U0121:00 <ul style="list-style-type: none"> <li>— Control at the default signal value after holding the previous value for 5 s.</li> </ul> </li> <li>• U0151:00 <ul style="list-style-type: none"> <li>— Control at the default signal value after holding the previous value for 5 s.</li> </ul> </li> <li>• U0155:00 <ul style="list-style-type: none"> <li>— Control at the default signal value after holding the previous value for 5 s.</li> </ul> </li> <li>• U0214:00 <ul style="list-style-type: none"> <li>— Control at the default signal value after holding the previous value for 5 s.</li> </ul> </li> <li>• U023A:00 <ul style="list-style-type: none"> <li>— Control at the default signal value after holding the previous value for 5 s.</li> </ul> </li> <li>• U0515:00 <ul style="list-style-type: none"> <li>— Control at the default signal value after holding the previous value for 5 s.</li> </ul> </li> </ul>

<b>System malfunction location</b>	<b>U0001:88</b> • Module communication error (HS-CAN) <b>U0100:00</b> • Communication error with PCM <b>U0101:00</b> • Communication error with TCM <b>U0121:00</b> • Communication error with DSC HU/CM <b>U0151:00</b> • SAS control module communication error <b>U0155:00</b> • Communication error with instrument cluster <b>U0214:00</b> • Communication error with start stop unit <b>U023A:00</b> • Communication error with forward sensing camera (FSC) <b>U0515:00</b> • SAS control module communication error
<b>Possible cause</b>	• Malfunction in CAN bus communication line • Malfunction in CAN line between the PCM and front body control module (FBCM) • Malfunction in CAN line between the TCM and front body control module (FBCM) • Malfunction in CAN line between the DSC HU/CM and front body control module (FBCM) • Malfunction in CAN line between the instrument cluster and front body control module (FBCM) • Malfunction in CAN line between the start stop unit and front body control module (FBCM) • Malfunction in CAN line between the forward sensing camera (FSC) and front body control module (FBCM) • Malfunction in CAN line between the SAS control module and front body control module (FBCM)
<b>System wiring diagram</b>	—

### Diagnostic Procedure

- Perform the malfunction diagnosis according to the troubleshooting procedure for the multiplex communication system. (See FOREWORD [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (L.H.D.)].) (See FOREWORD [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (R.H.D.)].) (See FOREWORD [SKYACTIV-D 2.2 (L.H.D.)].) (See FOREWORD [SKYACTIV-D 2.2 (R.H.D.)].)

### DTC U0001:88 cannot be cleared

#### Note

- When the M-MDS is connected to the DLC-2 with the ignition switched ON (engine off or on), DTC U0001:88 may be displayed and cannot be cleared even if there is no malfunction in the CAN. If DTC U0001:88 cannot be cleared, clear it using the following procedure:

- Switch the ignition OFF (LOCK).
- Disconnect the negative battery cable and wait for 1 min or more. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
- Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
- Clear the DTC for the front body control module (FBCM) using the M-MDS. (See CLEARING DTC [FRONT BODY CONTROL MODULE (FBCM)].)