

**DTC U0001:88/U0100:00/U0101:00/U0121:00/U0121:87/U0131:00/U0140:00/U0146:00/U0151:00/U0155:00  
[START STOP UNIT]**

id0902p6023800

<p><b>System malfunction location</b></p>	<p><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>U0121:87</b> • Communication error with DSC HU/CM <b>U0131:00</b> • Communication error with EPS control module <b>U0140:00</b> • Communication error with front body control module (FBCM) <b>U0146:00</b> • Communication error with instrument cluster <b>U0151:00</b> • SAS control module communication error <b>U0155:00</b> • Communication error with instrument cluster</p>
<p><b>Detection condition</b></p>	<p>• U0001:88 — The start stop unit detects CAN bus communication line (HS-CAN) malfunction <b>10 times</b> continuously. • U0100:00 — The start stop unit could not receive CAN signal from the PCM for <b>1 s or more</b>. • U0101:00 — The start stop unit could not receive CAN signal from the TCM for <b>1 s or more</b>. • U0121:00 — The start stop unit could not receive CAN signal from the DSC HU/CM for <b>1 s or more</b>. • U0121:87 — The start stop unit could not receive CAN signal from the DSC HU/CM for <b>10 s or more</b>. • U0131:00 — The start stop unit could not receive CAN signal from the EPS control module for <b>1.2 s or more</b>. • U0140:00 — The start stop unit could not receive CAN signal from the front body control module (FBCM) for <b>5 s or more</b>. • U0146:00 — The start stop unit cannot receive CAN signals from the instrument cluster for <b>5 s or more</b> with the ignition switched ON (engine off or on). • U0151:00 — The start stop unit could not receive CAN signal from the SAS control module for <b>1 s or more</b>. • U0155:00 — The start stop unit could not receive CAN signal from the instrument cluster for <b>5 s or more</b>.</p>

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<b>Fail-safe</b>	• U0001:88 — Sets to default signal. — Cancel the i-stop control. (With i-stop) • U0100:00 — Sets to default signal. — Cancel the i-stop control. (With i-stop) • U0101:00 — Sets to default signal. • U0121:00 — Sets to default signal. • U0121:87 — Sets to default signal. • U0131:00 — Sets to default signal. • U0140:00 — Sets to default signal. • U0146:00 — Sets to default signal. • U0151:00 — Sets to default signal. • U0155:00 — Sets to default signal.
<b>Possible cause</b>	• Malfunction in CAN bus communication line • Malfunction in CAN line between the PCM and start stop unit • Malfunction in CAN line between the TCM and start stop unit • Malfunction in CAN line between the DSC HU/CM and start stop unit • Malfunction in CAN line between the EPS control module and start stop unit • Malfunction in CAN line between the front body control module (FBCM) and start stop unit • Malfunction in CAN line between the SAS control module and start stop unit • Malfunction in CAN line between the instrument cluster and start stop unit
<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.)].)