

DTC U0001:88/U0010:88/U0100:00/U0101:00/U0114:00/U0121:00/U0131:00/U0140:00/U0142:00/U0151:00/U0182:00/U0214:00/U0232:00/U0233:00/U0235:00/U023A:00 [INSTRUMENT CLUSTER]

id0902e8016200

<p>System malfunction location</p>	<p>U0001:88 • Module communication error (HS-CAN) U0010:88 • Unit communication error (MS-CAN) U0100:00 • Communication error with PCM U0101:00 • Communication error with TCM U0114:00 • 4WD control module communication error U0121:00 • Communication error with DSC HU/CM U0131:00 • Communication error with EPS control module U0140:00 • Communication error with front body control module (FBCM) U0142:00 • Communication error with rear body control module (RBCM) U0151:00 • Communication error with SAS control module U0182:00 • Communication error with AFS control module U0214:00 • Communication error with start stop unit U0232:00 • Communication error with rear vehicle monitoring control module (RH) U0233:00 • Communication error with BSM control module (RH) U0235:00 • Communication error with laser sensor U023A:00 • Communication error with forward sensing camera (FSC)</p>
<p>Detection condition</p>	<ul style="list-style-type: none"> • U0001:88 — The instrument cluster detects a CAN bus communication line (HS-CAN) malfunction. • U0010:88 — The instrument cluster detects a CAN bus communication line (MS-CAN) malfunction. • U0100:00 — The instrument cluster cannot receive CAN signal from the PCM. • U0101:00 — The instrument cluster cannot receive CAN signal from the TCM for 1 s or more. • U0114:00 — The instrument cluster cannot receive CAN signal from the 4WD control module for 1 s or more. • U0121:00 — The instrument cluster cannot receive CAN signal from the DSC HU/CM for 1 s or more. • U0131:00 — The instrument cluster could not receive CAN signal from the EPS control module for 1 s or more. • U0140:00 — The instrument cluster cannot receive CAN signal from the front body control module (FBCM) for 5 s or more. • U0142:00 — The instrument cluster cannot receive CAN signal from the rear body control module (RBCM) for 5 s or more. • U0151:00 — The instrument cluster cannot receive CAN signal from the SAS control module for 2 s or more. • U0182:00 — The instrument cluster cannot receive CAN signal from the AFS control module for 5 s or more. • U0214:00 — The instrument cluster could not receive CAN signal from the start stop unit. • U0232:00 — The instrument cluster cannot receive CAN signal from the rear vehicle monitoring control module (RH) for 5 s or more. • U0233:00 — The instrument cluster cannot receive CAN signal from the BSM control module (RH) for 1.5 s or more. • U0235:00 — The instrument cluster cannot receive CAN signal from the laser sensor for 1 s or more. • U023A:00 — The instrument cluster cannot receive CAN signal from the forward sensing camera (FSC) for 1 s or more.

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Fail-safe	—
Possible cause	• Malfunction in CAN bus communication line • Malfunction in CAN line between the PCM and instrument cluster • Malfunction in CAN line between the TCM and instrument cluster • Malfunction in CAN communication line between AFS control module and instrument cluster • Malfunction in CAN line between the DSC HU/CM and instrument cluster • Malfunction in CAN line between the EPS control module and instrument cluster • Malfunction in CAN line between the front body control module (FBCM) and instrument cluster • Malfunction in CAN line between the rear body control module (RBCM) and instrument cluster • Malfunction in CAN line between the SAS control module and instrument cluster • Malfunction in CAN line between the AFS control module and instrument cluster • Malfunction in CAN line between the start stop unit and instrument cluster • Malfunction in CAN line between the rear vehicle monitoring control module (RH) and instrument cluster • Malfunction in CAN line between the BSM control module (RH) and instrument cluster • Malfunction in CAN line between the laser sensor and instrument cluster • Malfunction in CAN line between the forward sensing camera (FSC) and instrument cluster
System wiring diagram	—

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.)].)