

DTC U0001:88/U0100:00/U0121:00/U0131:00/U0140:00/U0155:00/U0214:00 [FORWARD SENSING CAMERA (FSC)]

id0902p9029900

System malfunction location	U0001:88 • Module communication error (HS-CAN) U0100:00 • Communication error with PCM 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) U0155:00 • Communication error with instrument cluster U0214:00 • Communication error with start stop unit
Detection condition	• U0001:88 — Forward sensing camera (FSC) cannot receive CAN bus communication signal (HS-CAN) for 1 s or more . — Forward sensing camera (FSC) detects CAN bus communication line (HS-CAN) malfunction 10 times continuously. • U0100:00 — Forward sensing camera (FSC) cannot receive CAN signal from the PCM for 1 s or more . • U0121:00 — Forward sensing camera (FSC) cannot receive CAN signal from the DSC HU/CM for 1 s or more . • U0131:00 — Forward sensing camera (FSC) cannot receive CAN signal from the EPS control module for 1 s or more . • U0140:00 — Forward sensing camera (FSC) cannot receive CAN signal from front body control module (FBCM) for 5 s or more . • U0155:00 — Forward sensing camera (FSC) cannot receive CAN signal from instrument cluster for 5 s or more . • U0214:00 — Forward sensing camera (FSC) cannot receive CAN signal from the start stop unit for 1 s or more .
Fail-safe	• U0001:88 — Inhibits the lane departure warning system (LDWS). — Inhibits the high beam control system (HBC). • U0100:00 — Inhibits the lane departure warning system (LDWS). — Inhibits the high beam control system (HBC). • U0121:00 — Inhibits the lane departure warning system (LDWS). — Inhibits the high beam control system (HBC). • U0131:00 — Inhibits the lane departure warning system (LDWS). • U0140:00 — Inhibits the lane departure warning system (LDWS). — Inhibits the high beam control system (HBC). • U0155:00 — Inhibits the lane departure warning system (LDWS). — Inhibits the high beam control system (HBC). • U0214:00 — Inhibits the lane departure warning system (LDWS). — Inhibits the high beam control system (HBC).
Possible cause	• Malfunction in CAN bus communication line • Malfunction in CAN line between the PCM and forward sensing camera (FSC) • Malfunction in CAN line between the DSC HU/CM and forward sensing camera (FSC) • Malfunction in CAN line between the EPS control module and forward sensing camera (FSC) • Malfunction in CAN line between the front body control module (FBCM) and forward sensing camera (FSC) • Malfunction in CAN line between the instrument cluster and forward sensing camera (FSC) • Malfunction in CAN line between the start stop unit and forward sensing camera (FSC)
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.)].)