i-stop WARNING LIGHT (AMBER) [SKYACTIV-D 2.2]

id0140z7008700

Purpose, Function

• If the i-stop control inhibits the operation, the i-stop warning light (amber) flashes/illuminates to inform the driver that the i-stop control inhibits the operation.

Construction

• The i-stop warning light (amber) is built into the instrument cluster.

Operation

• The flashing/illumination conditions of the i-stop warning light (amber) are as follows:

i-stop warning light (amber) flashing condition

— Any of the following DTCs are stored:

PCM DTC

- P0555:00, P057F:00, P058A:00, P0615:00, P0A0F:00, P0A8D:00, P0A94:00, P2502:00, P2503:00, P2504:00, U0101:00, U0121:00, U0131:00, U0140:00, U0151:00, U0155:00, U0214:00, U0298:00
- For details on DTCs, refer to [Engine On-board Diagnostic System Malfunction Detection Function]. (See ON-BOARD DIAGNOSTIC SYSTEM TEST MODE [SKYACTIV-D 2.2].)

TCM DTC

- P0C2C:00, P181F:00, P2712:00
- For details on DTCs, refer to [Transmission/Transaxle On-board Diagnostic System Malfunction Detection Function]. (See ON-BOARD DIAGNOSTIC SYSTEM MALFUNCTION DETECTION FUNCTION [GW6A-EL, GW6AX-EL].)

DSC HU/CM DTC

- C0001:01, C0002:01, C0003:01, C0004:01, C0010:01, C0011:01, C0014:01, C0015:01, C0018:01, C0019:01, C0010:01, C001D:01, C0020:01, C0020:1C, C0020:71, C0030:07, C0031:01, C0031:07, C0033:07, C0034:01, C0034:07, C0036:07, C0037:01, C0037:07, C0039:07, C003A:01, C003A:07, C0044:01, C0044:28, C0044:54, C0044:64, C0051:28, C0061:28, C0061:54, C0061:64, C0062:28, C0062:54, C0062:64, C0062:76, C0063:28, C0063:54, C0063:64, C006B:00, C0082:47, C0082:48, C0082:49, C1B14:01, B10DF:46, U0001:88, U0100:00, U0101:00, U0140:00, U0151:00, U0155:00, U0401:00, U0402:00, U0422:00, U0428:62, U0428:64, U0452:86, U2007:46, U2100:00, U2101:00, U3003:16, U3003:17
- For details on DTCs, refer to [Brake On-board Diagnostic System]. (See ON-BOARD DIAGNOSTIC SYSTEM [DYNAMIC STABILITY CONTROL (DSC)].)

i-stop warning light (amber) illumination condition

- Any one of the following conditions is met:
 - Ignition switched ON (check of i-stop control system)
 - · i-stop OFF switch is on
 - Engine stalls due to driver's operation while engine is stopped by i-stop control
 - Communication error between the instrument cluster and PCM
- The PCM sends an i-stop warning light (amber) flashing/illumination request to the instrument cluster via CAN communication.