

Diagnosis Circuit

DESCRIPTION

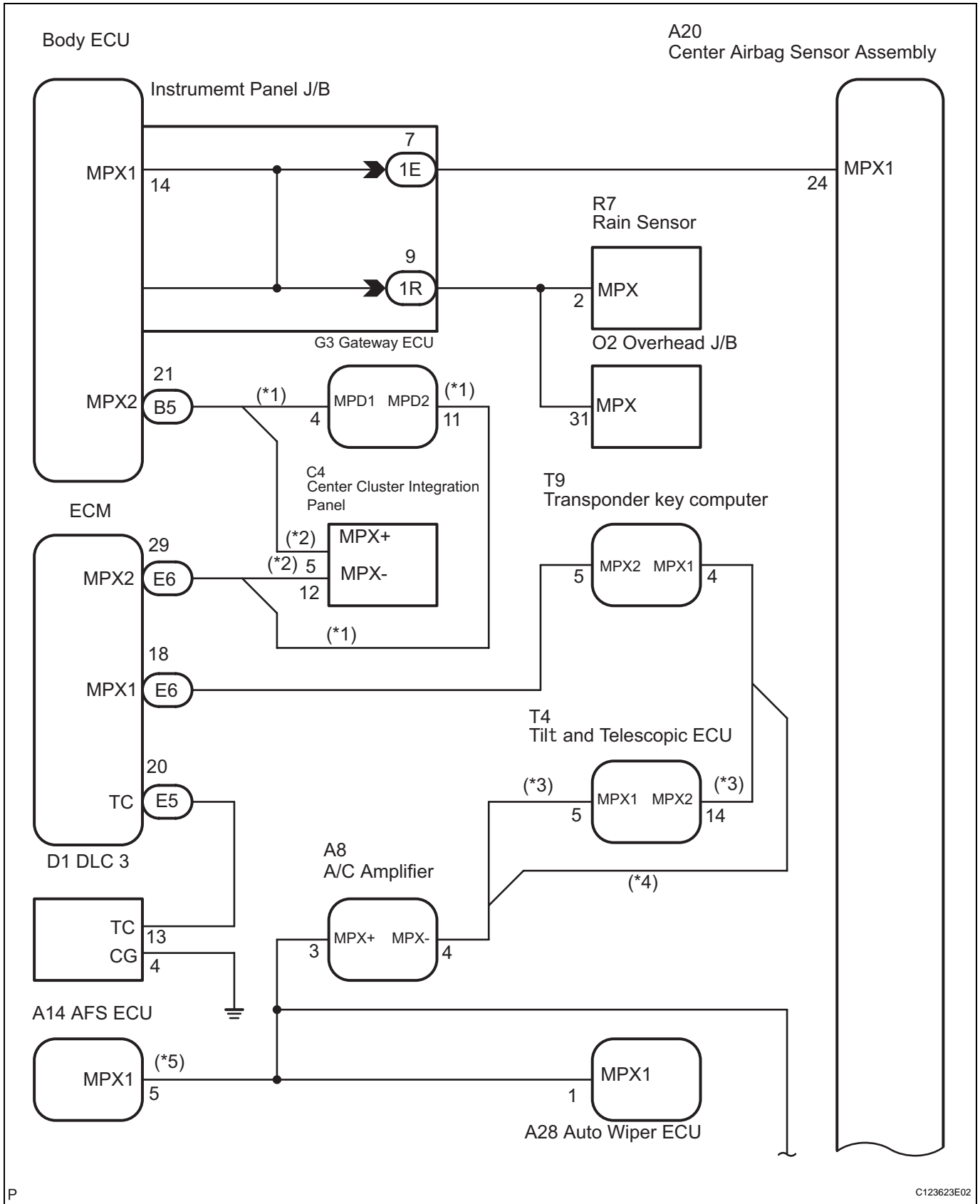
DTC output mode is set by connecting terminals TC and CG of the DLC3.

DTCs are displayed by blinking the SRS warning light.

HINT:

- Make sure that DTC B1281 has not been output. If DTC B1281 has been output, refer to the multiplex communication system.
- When each warning light stays blinking, a ground short in the wiring of terminal TC of the DLC3 or an internal ground short in each ECU is suspected.
- A DTC output mode signal is transmitted through BEAN to each ECU including the center airbag sensor assembly, except for the skid control ECU with actuator. Thus when all systems except the ABS system do not enter DTC output mode, it can be suspected that there is an ECM malfunction.

WIRING DIAGRAM



RS

RS

P13
Power Back Door ECU



(*6)

(*6)

P32
Power Seat ECU (Driver's Seat)



(*6)

R26
Remote Control Mirror ECU LH



(*6)

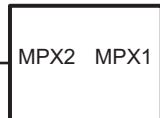
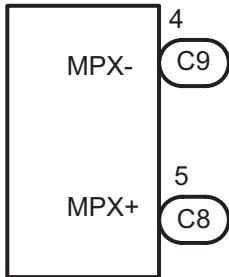
R27
Remote Control Mirror ECU RH



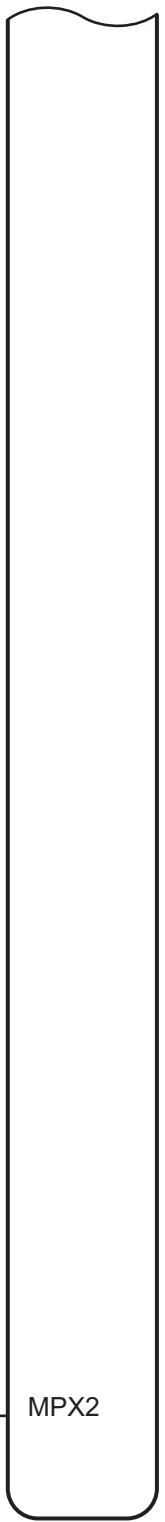
(*6)

Combination Meter

P22
Power Window Master SW

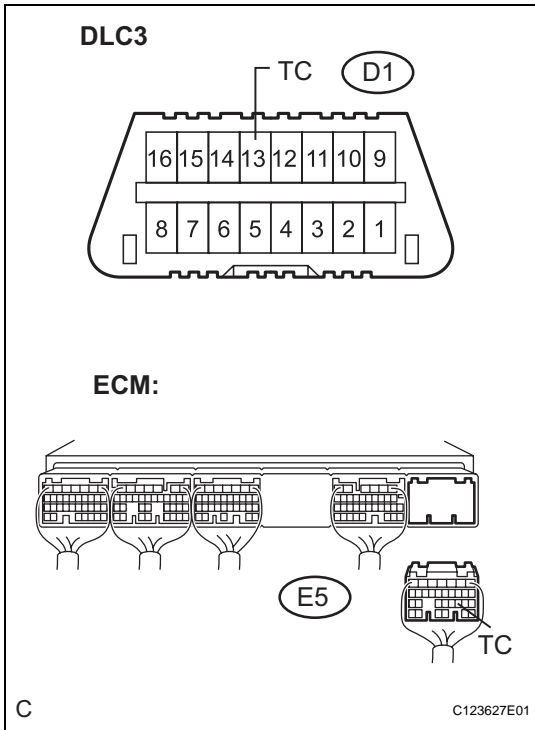


22



- *1 : w/ LEXUS Navigation System
- *2 : w/o LEXUS Navigation System
- *3 : w/ Power Tilt and Power Telescopic
- *4 : w/o Power Tilt and Power Telescopic
- *5 : w/ Adaptive Front - Lighting System
- *6 : w/ Driving Position Memory

1 CHECK WIRE HARNESS (DLC3 - ECM)



- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the center airbag sensor assembly connector.
- (c) Measure the resistance according to the value(s) in the table below.

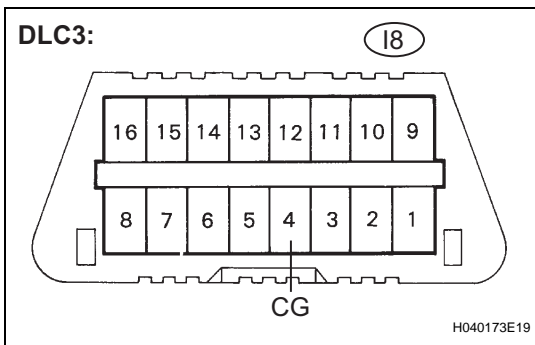
Resistance

Tester connection	Condition	Specified condition
D1-13 (TC) - E5-20 (TC)	Always	Below 1 Ω

NG REPAIR OR REPLACE WIRE HARNESS (TC OF DLC3 - TC OF ECM)

OK

2 CHECK WIRE HARNESS (CG OF DLC3 - BODY GROUND)



- (a) Measure the resistance according to the value(s) in the table below.

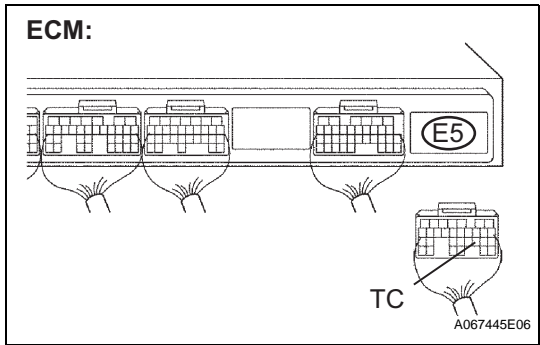
Resistance

Tester connection	Condition	Specified condition
D1-4 (CG) - Body ground	Always	Below 1 Ω

NG REPAIR OR REPLACE WIRE HARNESS (CG OF DLC3 - BODY GROUND)

OK

3 CHECK WIRE HARNESS (TC OF ECM - BODY GROUND)



(a) Measure the resistance according to the value(s) in the table below.

Resistance

Tester connection	Condition	Specified condition
E5-20 (TC) - Body ground	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE WIRE HARNESS OR EACH ECU**

OK

4 REPLACE ECM

(a) Check that the ECM.

Result:

A:
Normal system code is output.

B:
DTC is output.

C:
ECM does not set the DTC output mode.

A → **END**

B → **GO TO INSPECTION PROCEDURE OF DTC OUTPUT**

C

REPLACE CENTER AIRBAG SENSOR ASSEMBLY

RS