

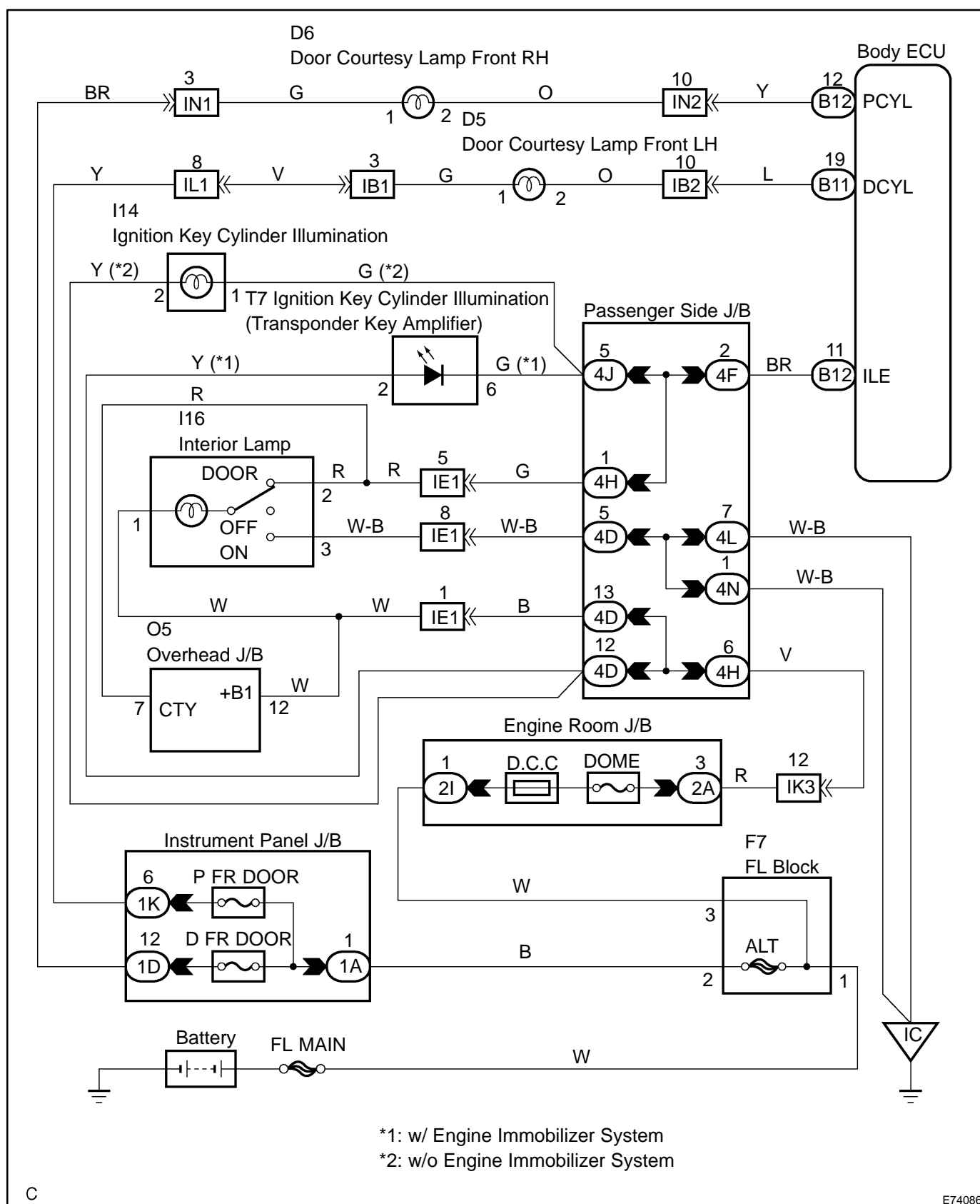
ILLUMINATION CIRCUIT

CIRCUIT DESCRIPTION

The multiplex network body ECU controls the following.

- (1) Key cylinder lamp
- (2) Interior lamp
- (3) Personal lamp (overhead J/B)
- (4) Door courtesy lamp

WIRING DIAGRAM



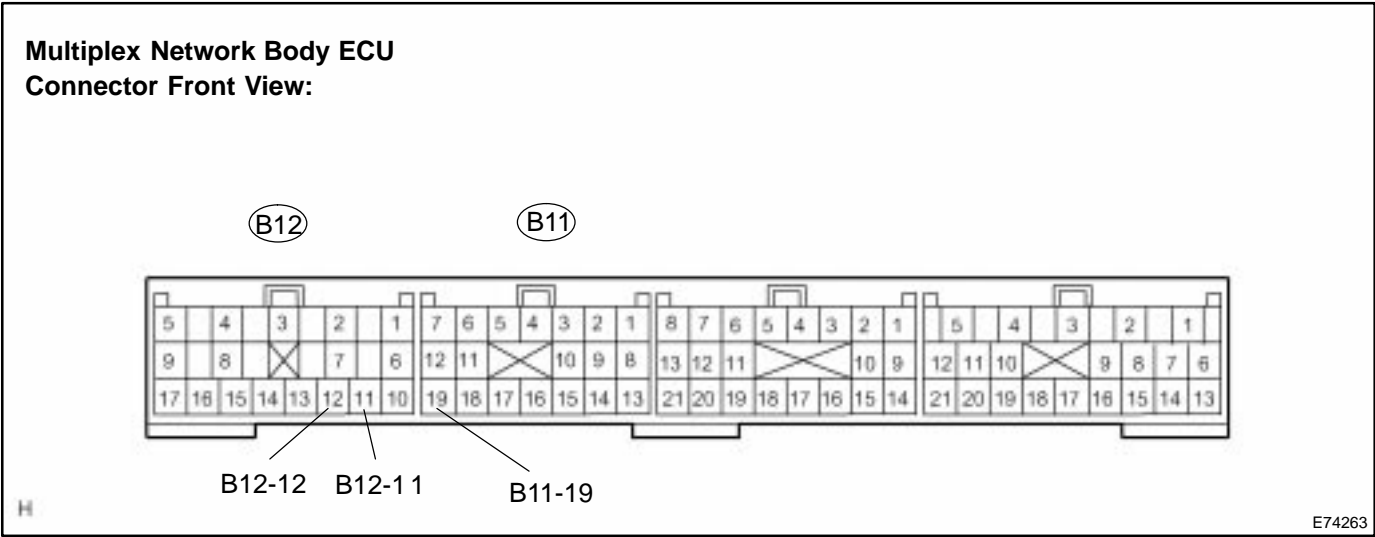
INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR(ILLUMINATION CIRCUIT)

- (a) Disconnect the B11 and B12 connectors from the multiplex network body ECU.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
B11-19 - Body ground	Always	10 to 14 V
B12-11 - Body ground	Always	10 to 14 V
B12-12 - Body ground	Always	10 to 14 V



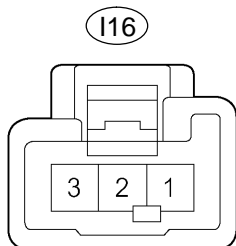
NG Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-1538)

2 INSPECT INTERIOR LIGHT

Connector Front View:



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- (a) Inspect room lamp assy No.1 (interior light).
 (1) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified resistance
1 - 2	Switch is OFF	Below 1 Ω
1 - 3	Switch is OFF	Below 1 Ω

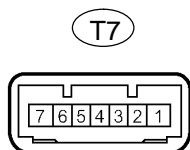
- (2) Connect the positive (+) lead from the battery to terminal 1 and negative (-) lead to terminal 2, then check that the lamp comes on when the switch is in the DOOR position.

OK: Lamp comes on.

- (3) Connect the positive (+) lead from the battery to terminal 1 and negative (-) lead to terminal 3, then check that the lamp comes on when the switch is in the ON position.

OK: Lamp comes on.

Connector Front View:

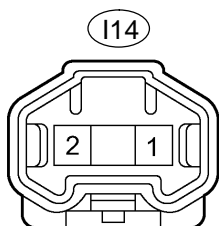


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- (b) Inspect key cylinder illumination.
 (1) w/ Theft deterrent system:
 Connect the positive (+) lead from the battery to terminal 2 and negative (-) lead to terminal 6, then check that the lamp comes on.

OK: Illumination comes on.

Connector Front View:



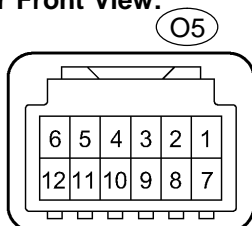
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- (2) w/o Theft deterrent system:
 Connect the positive (+) lead from the battery to terminal 2 and negative (-) lead to terminal 1, then check that the lamp comes on.

OK: Illumination comes on.

Connector Front View:

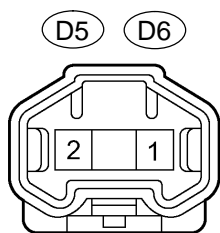


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- (c) Inspect personal lamp (overhead J/B).
 (1) Connect the positive (+) lead from the battery to terminal 12 and negative (-) lead to terminal 7, then check that the lamp comes on when switch is in the DOOR position.

OK: Lamp comes on.

Connector Front View:

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- (d) Inspect courtesy lamp.
- (1) Connect the positive (+) lead from the battery to terminal 1 and negative (-) lead to terminal 2, then check that the lamp comes on.

OK: Lamp comes on.**NG****REPLACE INTERIOR LIGHT (EACH OF ILLUMINATION LAMP)****OK****REPAIR OR REPLACE HARNESS OR CONNECTOR (EACH OF ILLUMINATION CIRCUIT)**