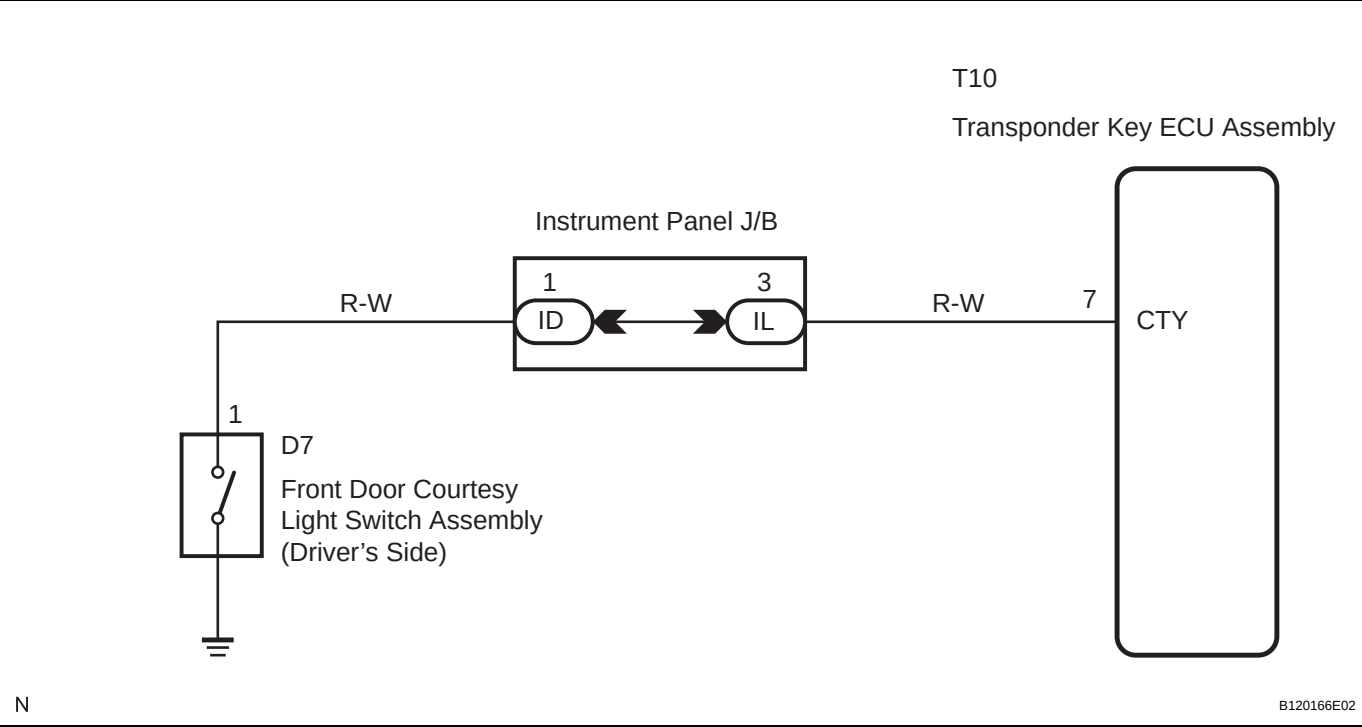


Door Courtesy Switch Circuit

DESCRIPTION

When an additional transponder key is registered, the transponder key ECU assembly detects the front door courtesy light switch open/close condition to register the key.

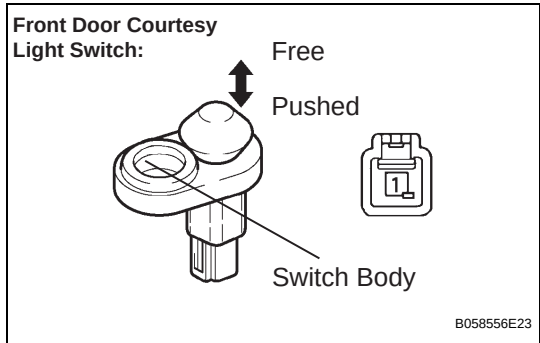
WIRING DIAGRAM



INSPECTION PROCEDURE

1

INSPECT FRONT DOOR COURTESY LIGHT SWITCH ASSEMBLY



- (a) Remove the driver side front door courtesy light switch.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
1 - Switch body	Switch pushed	10 kΩ or higher
1 - Switch body	Switch free	Below 1 Ω

NG

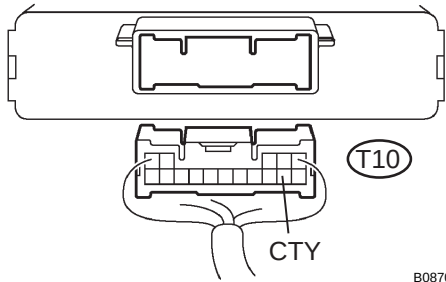
REPLACE FRONT DOOR COURTESY LIGHT SWITCH ASSEMBLY

OK

2

CHECK HARNESS AND CONNECTOR (FRONT DOOR COURTESY LIGHT SWITCH CIRCUIT)

Wire Harness Rear View:



- (a) Install the driver side front door courtesy light switch.
- (b) Disconnect the T10 ECU connector.
- (c) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
T10-7 (CTY) - Body ground	Courtesy switch pushed	10 k Ω or higher
T10-7 (CTY) - Body ground	Courtesy switch free	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

EI