

2013 TOYOTA AVALON
ILLUMINATED DOOR SILLS
PT413-07130

TROUBLESHOOTING GUIDE

Rev A 06/19/2013

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SYSTEM DESCRIPTION

This system is an upgrade enhancement to the factory door sill plates and consists of the following items:

- 1 front left illuminated door sill with wire harness and fuse
- 1 front right illuminated door sill with wire harness and fuse
- 1 rear left non-illuminated door sill
- 1 rear right non-illuminated door sill

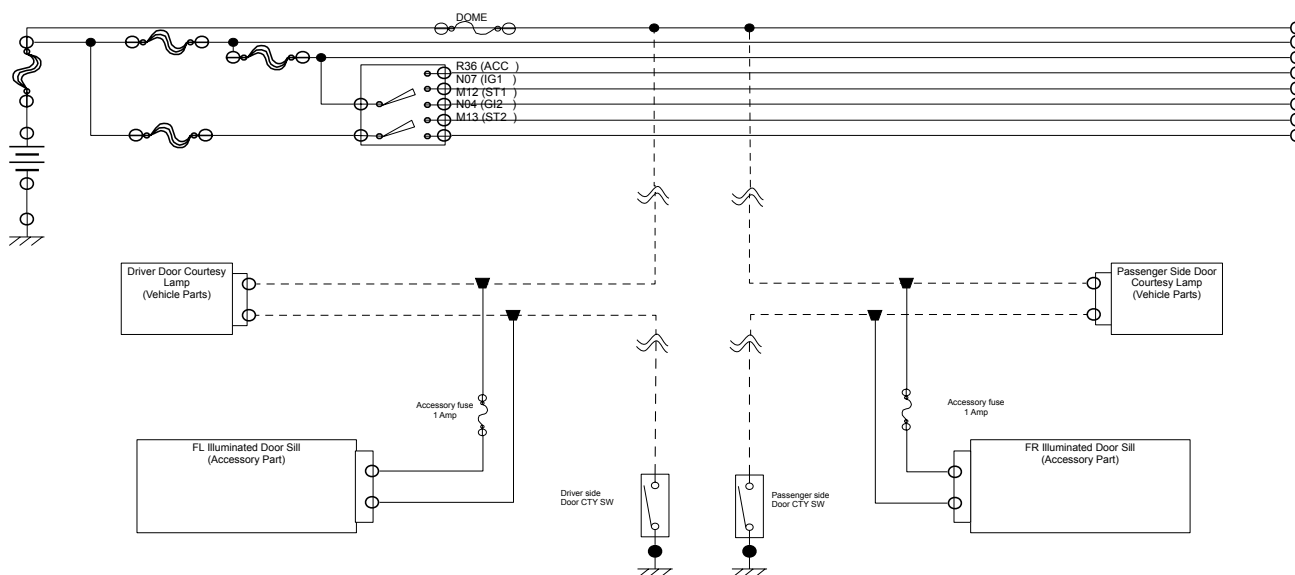
Upon installation, the front sills are intended to illuminate and stay illuminated while the doors are open.

Note: On some vehicles, the lighting system may turn off if any of the doors are open for more than 20 minutes.

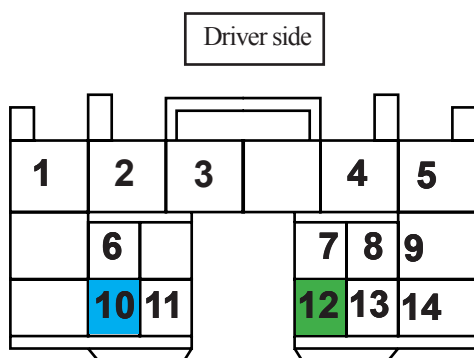
PRE-CHECK

- (a) Prior to performing troubleshooting steps, make sure the battery is connected and that it has sufficient charge.
- (b) The vehicle courtesy and dome light system should be functioning properly. If not, replace any blown fuses or have the system diagnosed properly.
- (c) The illumination system should light only when a door is open. When all doors are closed, the lights should turn off.

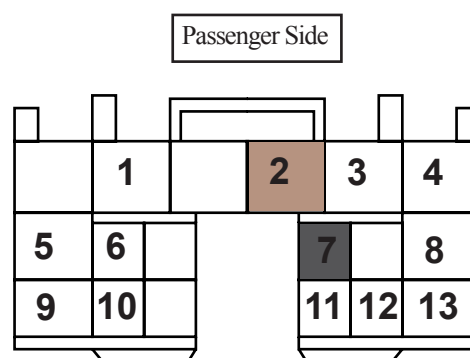
ELECTRICAL WIRING DIAGRAM



VEHICLE HARNESS CONNECTOR



Positive +, Blue wire, pin 10 on connector.
Negative -, Green wire, pin 12 on connector.



Positive +, Brown wire, pin 2 on Connector.
Negative -, Gray wire, pin 7 on Connector.

CONNECTOR AND FUSE LOCATIONS

	Connection	Type	Location
1	Scotchlok™	FL Sill B+ (Blue)	DS junction block
2	Scotchlok™	FL Door Switch GND (Green)	DS junction block
3	Fuse	FL Sill	DS junction block
4	Scotchlok™	FR Sill B+ (Brown)	PS junction block
5	Scotchlok™	FR Door Switch GND (Blue)	PS junction block
6	Fuse	System	PS junction block

INSPECTION

ILLUMINATED DOOR SILL DOES NOT LIGHT UP

(a) The door must be open for the illuminated door sill to light up.

1 IS THE BATTERY CONNECTED?

YES

NO

CONNECT BATTERY
AND RECHECK.

2 DO THE FOOT WELL LIGHTS WORK?

YES

NO

CHECK DOME LIGHT
FUSE AND REPLACE IF
DEFECTIVE. RECHECK.

3 IS THE DOOR SILL FUSE MISSING OR BLOWN?

NO

YES

CHECK DOOR SILL
FUSE AND REPLACE
IF DEFECTIVE

4 IS THE DOOR SILL HARNESS CONNECTED TO THE CORRECT HARNESS WIRE?

YES

NO

DRIVER SIDE:
BLUE WIRE OF SILL
HARNESS CONNECTED
TO BLUE WIRE (PIN 10)
OF VEHICLE HARNESS.
GREEN WIRE OF SILL
HARNESS CONNECTED
TO GREEN WIRE
(PIN 12) OF VEHICLE
HARNESS.

PASSENGER SIDE:
BROWN WIRE OF SILL
HARNESS CONNECTED
TO BROWN WIRE
(PIN 2) OF VEHICLE
HARNESS
GRAY WIRE OF SILL
HARNESS CONNECTED
TO GRAY WIRE (PIN 7)
OF VEHICLE HARNESS

5

ARE THE SCOTCHLOKS™ INSTALLED CORRECTLY?

YES

ILLUMINATED DOOR SILL MAY
BE DEFECTIVE. REPLACE WITH
A KNOWN GOOD DOOR SILL
AND RECHECK.

NO

INSTALL
SCOTCHLOKS™
PROPERLY ON THE
CORRECT WIRE.

DRIVER SIDE:
PIN 10 (GREEN)
PIN 12 (BLUE)
PASSENGER SIDE:
PIN 2 (BROWN)
PIN 7 (GRAY)