

Short Pin Installation During PDS

Service Category General

Section Pre-Delivery Service

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	Camry, Camry HV	

Introduction

To minimize battery discharge during transportation and storage, the Short Pin has been removed at the assembly plant and temporarily stored in the engine compartment Relay Block. Reinstall the Short Pin into its original location and confirm all related DTCs are cleared during Pre-Delivery Service (PDS).

NOTE

The short pin is removed only on vehicles going to Hawaii, Puerto Rico, Saipan, Guam and American Samoa.

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS Techstream* or Techstream Lite NOTE: Software version 7.31.003 or later is required.	ADE	TSPKG1 or TSLITEDLR01	1

* Essential SST.

NOTE

Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Warranty Information

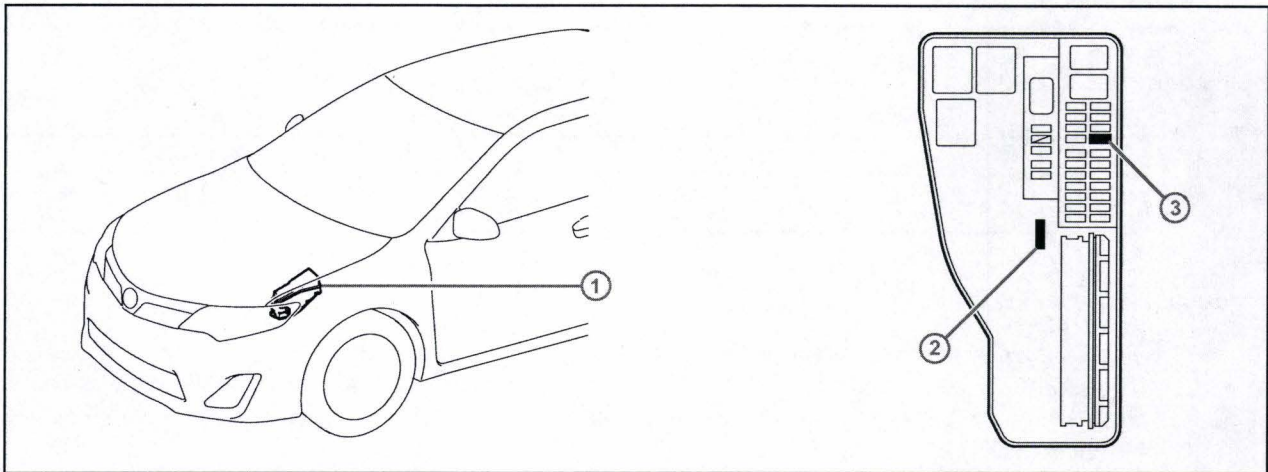
OP CODE	DESCRIPTION	TIME	ONP	T1	T2
N/A	Not Applicable to Warranty	-	-	-	-

Short Pin Installation During PDS

Installation Procedure

Remove the Short Pin from the blank space of the Relay Block in the engine compartment and install the Short Pin in the Relay Block as shown.

Figure 1.



1	Relay Block
2	Remove this Short Pin

3	Install Short Pin Here
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NOTE

- The Short Pin does NOT function as a fuse, so install it only in the position shown.
- If the vehicle is stored in the dealership after PDS, disconnect the negative (-) battery terminal to prevent battery discharge. Refer to Service Bulletin No. [PG001-06](#), "Battery Maintenance for In-Stock Vehicles & Pre-Delivery".

DTC Clearing Procedure

With the Short Pin removed, the occupant classification ECU and Center Airbag Sensor Assembly (airbag ECU) may detect the interruption in battery voltage (B+) and store a DTC. Clear DTCs B1650 and B1794 after installing the Short Pin.

1. Connect TIS Techstream to DLC3.
2. Cycle the ignition switch to the "IG-ON" position.
3. Using TIS Techstream, check any other codes being output.

NOTE

If any DTCs besides B1650 and B1794 remain, repair the applicable system according to the Repair Manual.

4. Erase DTCs (B1650 and B1794) and Freeze Frame Data.



TOYOTA CAMRY

2013 PRE-DELIVERY SERVICE CHECK SHEET

December 2012

BEFORE INSPECTION

01 Install Short Pin* (Hawaii, Puerto Rico, Saipan, Guam, American Samoa)

OK
Adjust/
Repair

FUNCTIONAL OPERATION

Apply parking brake and cycle ignition "IG-ON"; place gear selector in reverse; turn on lights and rear defogger. Unlock doors; release fuel door.

- 01 Check dome, courtesy, map, and sun visor lights*
- 02 Check warning/indicator lights, gauges, and horn
- 03 Check windshield wipers and washers
- 04 Check headlights, instrument lights, turn signals, emergency flashers, and brake lights
- 05 Check inside/outside rear view mirror operation/adjustment*
- 06 Check cigarette lighter* and power outlets
- 07 Check audio/navigation*/backup camera* systems and set clock
- 08 Verify Entune/Navigation software version (Display Audio, Non-HDD Type only)*
- 09 Check sliding roof*
- 10 Install shift-lock override button cover

WALKAROUND INSPECTION

Start at left front door. Check window and door lock operation (from master power switch, if equipped). Continue around vehicle in a counterclockwise direction checking each door and window operation, child door locks, seat belts, interior condition, all lights, luggage compartment contents. Finish by checking headlight aim and continue into UNDER HOOD checks.

- 01 Check Smart Key System*
- 02 Check door and door lock operation, including each wireless remote control/theft deterrent system*
- 03 Check window operation
- 04 Check that engine starts with all keys
- 05 Check that child safety door locks are in normal (unlocked) position
- 06 Check seats and seat belt operation
- 07 Check rear defogger/rear view mirror defogger*
- 08 Check side marker, tail, backup, and license plate lights
- 09 Check luggage compartment light* and trim appearance
- 10 Adjust spare tire pressure, inspect for damage, and check jack and tool installation
- 11 Check headlight aim

UNDER HOOD

- 01 Check engine oil level and ATM fluid levels
- 02 Check brake fluid level
- 03 Check engine coolant level
- 04 Check windshield washer fluid level
- 05 Check battery state-of-charge using Digital Battery System Analyzer (SOC Reading: _____%)
- 06 Inspect for fuel, oil, coolant, and other fluid leaks

* Inspect or install when equipped/required.

UNDER VEHICLE (ON HOIST)

- 01 Remove disc brake anti-rust covers/anti-corrosion wheel film*
- 02 Inspect tires for defects/damage
- 03 Verify Tire Pressure Warning System (TPWS) operation - see page 2
- 04 Install wheel covers/caps/spare tire wheel covers*
- 05 Inspect for fuel, oil, coolant, and other fluid leaks
- 06 Inspect under the vehicle for damage, rust, etc.
- 07 Visually check bolts and nuts on chassis and powertrain for looseness
- 08 Install rubber body plugs (stored in glove box or center console)*
- 09 Install front wheel opening extension pads - see page 2

ROAD TEST

A complete road test helps assure customer satisfaction. Drive vehicle over a variety of road surfaces and driving conditions. Check for unusual noise and driving performance.

Enter Odometer Readings

Reading Before Test: _____ Reading After Test: _____

- 01 Check cold engine operation
- 02 Check engine operation during warm-up
- 03 Check engine at normal operating temperature
- 04 Check transmission operation
- 05 Check brake and parking brake operation
- 06 Check steering operation & off-center/vehicle pull/flutter.
- 07 Inspect for abnormal noise and vibration
- 08 Inspect for squeaks and rattles
- 09 Check Blind Spot Monitor System*
- 10 Check front and rear* heater and A/C operation
- 11 Check cruise control operation*
- 12 Check front seat heater/ventilation operation*
- 13 Set/calibrate compass* - see page 2

FINAL INSPECTION AND CLEANING

- 01 Remove interior protective covers, unnecessary labels, tags, etc. (Remove just before delivery to customer)
- 02 Visually inspect all interior parts for installation, damage, fit, dirt, etc.
- 03 Verify floor mat application and install using retaining clips*
- 04 Verify green light is illuminated on SOS (Safety Connect) button*
- 05 Remove Rapgard™ and clear protective bumper film*
- 06 Wash and clean vehicle
- 07 Inspect paint finish for scratches, chips, rust, dents, damage, etc.
- 08 Inspect exterior body parts for proper installation, damage, rust, etc.
- 09 Place oil change sticker on inside of windshield, top left corner
- 10 Place Owner's Guide & first aid kit portfolio* in glove box
- 11 Perform Techstream Health Check
- 12 Install front license plate & mounting bracket* - see page 2

Completion and retention of this form is required to comply with Toyota's Warranty Policy.

TECHNICIAN'S SIGNATURE _____

SERVICE MANAGER'S SIGNATURE _____

NAME (PLEASE PRINT) _____

NAME (PLEASE PRINT) _____

We hereby certify that all items on this form have been checked and corrected for proper operation as required.

Date	Dealer Name	Dealer Code	Vehicle Identification Number (Sticker)
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FRONT WHEEL OPENING EXTENSION PAD INSTALLATION

The front wheel opening extension pad set (right and left front wheel opening extension pads and 2 tapping screws) is loaded in the luggage compartment at the assembly plant to avoid damage in transit.

1. Remove the 2 tapping screws from the engine under cover (the screws will be reused for installation).
2. Place the left front wheel opening extension pad on the installation position as shown and tighten the 3 tapping screws.

NOTE

- There is a distinguishable mark on each pad.
- Do not interchange the tapping screws A and B.

3. Repeat steps 1 & 2 for the right side.

Tapping screws A:

Nominal length: 23.0 mm (0.91 in.)

Diameter: 6.0 mm (0.24 in.)

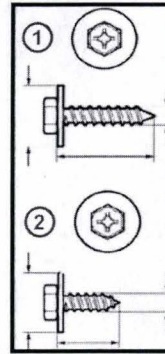
Washer outside diameter: 18.0 mm (0.71 in.)

Tapping screws B:

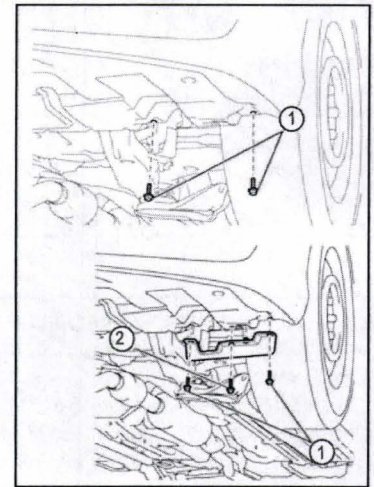
Nominal length: 16.0 mm (0.63 in.)

Diameter: 6.0 mm (0.24 in.)

Washer outside diameter: 20.0 mm (0.79 in.)



1 Screw A
2 Screw B



COMPASS CALIBRATION

Refer to the Repair Manual for the Calibration procedure for vehicles equipped with a compass in the rear view mirror.

NOTE

- Do NOT perform calibration of the compass in a place where the earth's magnetic field is subject to interference (underground parking, under a steel tower, between buildings, roof parking, near a railroad crossing, near a large vehicle, etc.).
- During calibration, do NOT operate electric systems (moon roof, power windows, etc.) as they may interfere with the calibration.

TPWS OPERATION VERIFICATION

1. Connect Techstream to DLC3.
2. Adjust all tires (except the spare tire) to the standard tire inflation pressure, as indicated on the tire and loading information label on vehicle.

NOTE

- To adjust the tire pressure correctly when outside temperature is significantly colder or warmer than shop temperature, follow the procedures outlined in Service Bulletin T-SB-0020-12, "Tire Inflation Pressure Compensation and Adjustment".
- Adjust the tire pressure when the tires are cold.

3. Cycle the ignition switch to the "IG-ON" mode.
4. Check the tire pressure of all tires using Techstream. If the tire pressure values cannot be displayed, the system is not operating properly. Refer to the Repair Manual.

NOTE

If the tire pressure values are not properly displayed (i.e., showing N/A) the data from the transmitter has not been received.

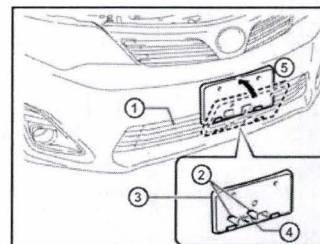
5. Remove the ID number labels that are attached to each wheel and discard.

FRONT LICENSE PLATE & MOUNTING BRACKET* INSTALLATION

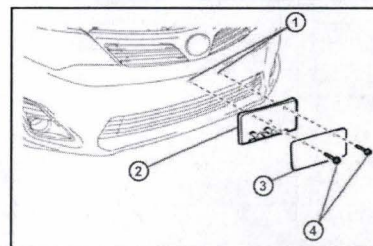
*There are two types of brackets. Type A (P/N 52114-06160) for Base, LE and XLE models. Type B (P/N 52114-06170) for SE models.

Installation Procedure

1. Insert the front license plate into the mounting bracket.
2. Align the center tab on the mounting bracket with the center line of the air intake.
3. **Type A (Base, LE, XLE) - P/N 52114-06160**
Attach the hooks of the mounting bracket to the second air intake opening and rotate the bracket upwards.
Type B (SE) - P/N 52114-06170
Attach the hooks of the mounting bracket to the top air intake opening and rotate bracket upwards.
4. Align the installation holes on the mounting bracket and front license plate with the dimples on the front bumper.
5. Screw in the 2 self-tapping screws directly into the dimples to install the front license plate and mounting bracket.



1 Air Intake
2 Hooks
3 Front License Plate
Mounting Bracket
4 Tab
5 Rotate Bracket



1 Dimples
2 Front License Plate
Mounting Bracket
3 License Plate
4 Self-tapping Screws

NOTICE

- Do NOT pre-drill holes into the bumper.
- Do NOT over-tighten the self-tapping screws.