


2013 Scion xD Pre-Delivery Service

Service Category General

Section Pre-Delivery Service

Market USA

Scion Supports ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	xD	

REVISION NOTICE

June 20, 2013 Rev1:

- **The Functional Operation, Walkaround Inspection, Under Hood, Road Test, and Final Inspection & Cleaning sections have been updated.**

Any previous printed versions of this bulletin should be discarded.

Introduction

Pre-Delivery Service (PDS) is a critical step in satisfying our new car customers. Customer feedback indicates the following areas deserve special attention when performing PDS:

- Careful inspection for paint chips/scratches and body dents/dings.
- Proper operation of electrical accessories (including interior light, clock, and radio reset).
- Interior cleanliness.
- Proper function of mechanical systems.

Customer retention and proper maintenance of vehicles has been a major focus for Toyota. To help remind customers that regular oil changes are essential to the proper maintenance of their vehicle, dealers are required to begin installing a first oil change reminder sticker prior to delivery. By doing this, customers will be reminded to return to your dealership for their first oil change. Your current oil change reminder sticker may be used. (See PDS Check Sheet item 8 of *Final Inspection & Cleaning*.)

A new PDS [Check Sheet](#) has been developed for the 2013 model year Scion xD. Some check points have been added, expanded or clarified. **Bulletins are available for items in bold type.**

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Warranty Policy

If the need for additional repairs or adjustment is noted during the Pre-Delivery Service, the required service should be performed under warranty. Reimbursement will be managed under the warranty policy.

The Warranty Policy and Procedures Manual requires that you maintain the completed PDS check sheet in the customer's file. If you cannot produce a completed form for each retailed vehicle upon TMS and/or Region/Distributor audit, the PDS payment amount will be subject to debit.

An additional Repair Order completed in conjunction with normal PDS must have time punch/flags for service. If multiple repairs are performed, separate time flags must be punched for each repair.

Reimbursement Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
001013	Pre-Delivery Service (PDS)	1.0	N/A	N/A	N/A

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
TIS Techstream		TSPKG1	
Techstream Lite		TSLITEDLR01	

* Essential SST.

<p>NOTE</p> <ul style="list-style-type: none"> • Only ONE of the Techstream units listed above is required. • Software version 8.10.021 or later is required. • Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Before Inspection

When performing new car Pre-Delivery Service, install DOME fuse before moving vehicle from storage lot so that FUNCTIONAL OPERATION checks can begin as soon as vehicle is moved into the service stall.

1. **Install DOME fuse** – see check sheet
2. Install radio antenna

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Functional Operation

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

1. Check dome, courtesy, map, and sun visor lights*
2. Check warning/indicator lights, gauges, and horn
3. Check windshield wipers and washers
4. Check headlights, instrument lights, turn signals, dimmer switch, emergency flashers, and brake lights
5. Check inside/outside rear view mirror operation/adjustment
6. Check cigarette lighter* and power outlet
7. Check audio/navigation* system, set SSP to xD*, and set clock
8. Install shift-lock override button cover
9. Check that the electroluminescent dash illuminates when the door is opened* (Scion Series 10 vehicles only)
10. Check that the shift knob illuminates* (Scion Series 10 vehicles only)

Walkaround Inspection

Starting at the left front door, check window and door lock operation and the operation of all power windows and door locks from master switch. While walking around vehicle in a counterclockwise direction, open left rear door and check operation of window regulator and door lock, set child safety door locks to the normal (unlocked) position. Assure tightness of interior garnishes and check seat belts. Inspect rear hatch contents and lights at rear of vehicle. Repeat checks at right rear door. Inspect right front door window regulator and lock operation and garnishes. Check seat and seat belt operation. Continue on around to the front of the vehicle checking lights.

1. Check door and door lock operation, including each wireless remote control/theft deterrent system*
2. Check power window operation
3. Check that engine starts with all keys
4. Check that child safety door locks are in normal (unlocked) position
5. Check seats and seat belt operation
6. Check rear defogger
7. Check side marker, tail, backup, and license plate lights
8. Check rear hatch trim appearance

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Walkaround Inspection (Continued)

9. Adjust spare tire pressure, inspect for damage, and check jack and tool installation

NOTE

Compact spare tire — 60 psi (420 kPa).

10. Check headlight aim

Refer to the Repair Manual for procedures.

11. Check that front and rear exterior Scion badges illuminate after unlocking vehicle* (Scion Series 10 vehicles only)

Under Hood

1. Check engine oil and ATM* fluid levels
2. Check brake and clutch* fluid levels.

Visually inspect using see-through reservoirs.

3. Check engine coolant level
4. Check windshield washer fluid level

5. **Check battery state-of-charge using Digital Battery System Analyzer**

Refer to Service Bulletin No. PG001-06, "Battery Maintenance for In-Stock Vehicles & Pre-Delivery."

NOTE

Battery SOC should be a minimum of 75%. Please enter the SOC Reading on the space provided on the check sheet and attach the printout to the check sheet.

6. Inspect for fuel, oil, coolant, and other fluid leaks

Under Vehicle (On Hoist)

1. **Remove disc brake anti-rust covers/anti-corrosion wheel film* — PD017-04**

Visually inspect rotors for rust.

NOTE

For best rotor rust prevention, retain wheel film on vehicle until just prior to customer delivery.

2. Inspect tires for defects/damage
3. **Activate and Initialize Tire Pressure Warning System (TPWS) — see check sheet**

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Under Vehicle (On Hoist) (Continued)

4. Install wheel covers/caps/spare tire wheel covers*
5. Install rubber body plugs (stored in glove box)
6. Inspect for fuel, oil, coolant, and other fluid leaks
7. Visually check bolts and nuts on chassis and powertrain for looseness
8. Inspect under the vehicle for damage, rust, etc.

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.

1. Check cold engine operation
Check starting and fast idle operation performance.
2. Check engine operation during warm-up
Check that engine operates smoothly during warm-up.
Check for unusual noise, engine vibration, rough idle, etc.
3. Check engine at normal operating temperature
Check engine performance over a broad range of driving conditions, including idle quality, acceleration, cruise and deceleration.
4. Check clutch or automatic transmission operation
Check manual transmission operation, including shift lever/linkage and unusual noise.
Check automatic transmission operation, including operation in each range, neutral start switch and shift lock system.
5. Check brake and parking brake operation
Check brake function, including unusual noise, parking brake performance and all related brake system indicator lights.
6. Check steering operation and off-center/vehicle pull/flutter
Check steering function.
Check steering off-center/vehicle pull/flutter.
7. Inspect for abnormal noise and vibration
8. Inspect for squeaks and rattles

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Road Test (Continued)

9. Check front and rear* heater and A/C* operation
10. Check speedometer operation
11. Check cruise control operation*

Final Inspection & Cleaning

1. Remove interior protective covers, unnecessary labels, tags, etc. (Remove protective covers just before delivery to the customer.)

Remove plastic covers from door panels, seats, head restraints, and sun visors, as required.

Remove labels, tags, and stickers (except those containing owner information).

NOTE

Consumer information labels, such as airbag information warning and bumper information labels, MUST be left on the vehicle until delivery to a retail customer.

2. **Verify floor mat application and install using retaining clips* – S-SB-0008-11**
3. Visually inspect all interior parts for installation, damage, fit, dirt, etc.
4. Remove Rapgard™ and clear protective bumper film*
Ensure ALL glue residue is removed.
5. Wash and clean vehicle
6. Inspect paint finish for scratches, chips, rust, dents, damage, etc.
7. Inspect exterior body parts for proper installation, damage, rust, etc.
8. Place oil change sticker on inside of windshield, top left corner
Complete the mileage or date recommendation and apply the oil change reminder sticker to the inside of the windshield, top left corner. You may use your current oil change reminder sticker.
9. Place Owner's Guide and first aid kit portfolio* in glove box
10. Perform Techstream Health Check
Perform Health Check to ensure that diagnostic trouble codes are not present. Health Check results can be printed for the customer at delivery, or for the dealer file, using the Diagnostic Report function.
11. **Install front license plate – see check sheet**

**Inspect or install when equipped or required*



2013 PRE-DELIVERY SERVICE CHECK SHEET

BEFORE INSPECTION	OK	Adjust/Repair
01 Install DCC Fuse (see page 2)	<input type="checkbox"/>	<input type="checkbox"/>
02 Connect Delivery Mode Wire Harness Connectors (see page 2)	<input type="checkbox"/>	<input type="checkbox"/>

FUNCTIONAL OPERATION

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

01 Check dome, courtesy, map, and sun visor lights*	<input type="checkbox"/>	<input type="checkbox"/>
02 Check warning/indicator lights, gauges, and horn	<input type="checkbox"/>	<input type="checkbox"/>
03 Check windshield wipers and washers	<input type="checkbox"/>	<input type="checkbox"/>
04 Check headlights, instrument lights, turn signals, dimmer switch, emergency flashers, and brake lights	<input type="checkbox"/>	<input type="checkbox"/>
05 Check inside/outside rear view mirror operation/adjustment	<input type="checkbox"/>	<input type="checkbox"/>
06 Check power outlet* and cigarette lighter	<input type="checkbox"/>	<input type="checkbox"/>
07 Check audio/navigation* systems, set SSP* to FR-S, and set clock	<input type="checkbox"/>	<input type="checkbox"/>
08 Install shift-lock override button cover	<input type="checkbox"/>	<input type="checkbox"/>
09 Check sliding roof	<input type="checkbox"/>	<input type="checkbox"/>
10 Check that the electroluminescent dash illuminates when the door is opened**	<input type="checkbox"/>	<input type="checkbox"/>
11 Check that the shift knob illuminates**	<input type="checkbox"/>	<input type="checkbox"/>

WALKAROUND INSPECTION

Start at driver's 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 door and door lock operation, including each wireless remote control/theft deterrent system*	<input type="checkbox"/>	<input type="checkbox"/>
02 Check power window operation	<input type="checkbox"/>	<input type="checkbox"/>
03 Check that engine starts with all keys	<input type="checkbox"/>	<input type="checkbox"/>
04 Check seats and seat belt operation	<input type="checkbox"/>	<input type="checkbox"/>
05 Check rear defogger	<input type="checkbox"/>	<input type="checkbox"/>
06 Check side marker, tail, backup, and license plate lights	<input type="checkbox"/>	<input type="checkbox"/>
07 Check rear cargo area trim appearance	<input type="checkbox"/>	<input type="checkbox"/>
08 Adjust compact spare tire pressure and check jack and tool installation	<input type="checkbox"/>	<input type="checkbox"/>
09 Check headlight aim	<input type="checkbox"/>	<input type="checkbox"/>
10 Check that front and rear exterior Scion badges illuminate after unlocking vehicle**	<input type="checkbox"/>	<input type="checkbox"/>

UNDER HOOD

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

UNDER VEHICLE (ON HOIST)

01 Remove disc brake anti-rust covers/anti-corrosion wheel film*	<input type="checkbox"/>	<input type="checkbox"/>
02 Activate the Tire Pressure Warning System (TPWS) sensors (see page 2)	<input type="checkbox"/>	<input type="checkbox"/>
03 Inspect tires for defects/damage	<input type="checkbox"/>	<input type="checkbox"/>
04 Install rubber body plugs	<input type="checkbox"/>	<input type="checkbox"/>
05 Inspect for fuel, oil, coolant, and other fluid leaks	<input type="checkbox"/>	<input type="checkbox"/>
06 Visually check bolts and nuts on chassis and powertrain for looseness	<input type="checkbox"/>	<input type="checkbox"/>
07 Inspect under the vehicle for damage, rust, etc.	<input type="checkbox"/>	<input type="checkbox"/>

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 Reading
 Reading Before Test: _____ Reading After Test: _____

01 Check cold engine operation	<input type="checkbox"/>	<input type="checkbox"/>
02 Check engine operation during warm-up	<input type="checkbox"/>	<input type="checkbox"/>
03 Check engine at normal operating temperature	<input type="checkbox"/>	<input type="checkbox"/>
04 Check clutch or automatic transmission operation	<input type="checkbox"/>	<input type="checkbox"/>
05 Check brake and parking brake operation	<input type="checkbox"/>	<input type="checkbox"/>
06 Check steering operation and off-center/vehicle pull/flutter	<input type="checkbox"/>	<input type="checkbox"/>
07 Inspect for abnormal noise and vibration	<input type="checkbox"/>	<input type="checkbox"/>
08 Inspect for squeaks and rattles	<input type="checkbox"/>	<input type="checkbox"/>
09 Check heater and A/C operation	<input type="checkbox"/>	<input type="checkbox"/>
10 Check speedometer operation	<input type="checkbox"/>	<input type="checkbox"/>
11 Check cruise control operation	<input type="checkbox"/>	<input type="checkbox"/>

FINAL INSPECTION AND CLEANING

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

* Inspect or install when equipped/required.
** For Scion Series 10 vehicles only.

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

TECHNICIAN'S SIGNATURE _____	SERVICE MANAGER'S SIGNATURE _____	<i>We hereby certify that all items on this form have been checked and corrected for proper operation as required.</i>
NAME (PLEASE PRINT) _____	NAME (PLEASE PRINT) _____	

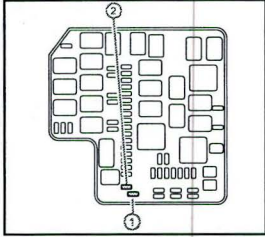
Date	Dealer Name	Dealer Code	Vehicle Identification Number (Sticker)
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DCC FUSE INSTALLATION

To minimize battery discharge the DCC fuse has been removed and is stored in the engine compartment Relay Block. Install the DCC fuse during PDS.

NOTE

Failure to install the DCC fuse may cause the Check Engine Light (MIL) to flash with no engine misfires or DTCs stored and may cause the radiator fans to cycle on and off rapidly.



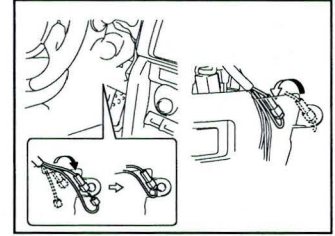
- 1 Remove This DCC Fuse
- 2 Install DCC Fuse Here

DELIVERY MODE WIRE HARNESS CONNECTORS

(Automatic Transmission ONLY)

The delivery mode connectors for key interlock have been disconnected at the assembly plant to prevent damage to automatic transmission during rail transport. The disconnected delivery mode connectors must be connected during PDS.

1. From the driver side cowl trim, remove the 2 disconnected connectors.
2. Connect the 2 connector ends.
3. Place connector inside cowl trim area.
4. Confirm transmission will not shift from P with ignition OFF.
5. Confirm the ignition switch cannot be turned from ACC to LOCK or that the key cannot be removed from the key cylinder when the shift lever is NOT in P.



TPWS ACTIVATION

Activation Procedure

1. Connect Techstream.
2. Cycle the IG switch to the "IG-ON" position and check that the Low Tire Pressure Warning Light blinks for 1 minute and then remains illuminated.
3. Press or remove the valve core to reduce the tire inflation pressure rapidly by 6 psi (0.4 kg/cm², 40 kPa), or more, within 30 seconds.
4. Check that the Low Tire Pressure Warning Light goes OFF after all the TPWS sensors are activated.

NOTE

To adjust tire pressure correctly when outside temperature is significantly colder or warmer than shop temperature, follow the procedures outlined in the Tire Inflation Pressure Compensation and Adjustment service bulletin (S-SB-0001-12).

5. Using Techstream, check for DTCs (C2111-C2114). If DTCs C2111-C2114 are stored, repeat step 3.
6. System initialization is NOT available or required.

FRONT LICENSE PLATE AND MOUNTING BRACKET INSTALLATION

For states that require a front license plate, please install per this procedure. The mounting bracket, self-tapping screws, flange bolts, J-nuts, and non-corroding bolts are stored in the luggage compartment.

Installation Procedure

1. Align holes "A" of the mounting bracket and the dimples on the front intake cover. Temporarily install the 2 self-tapping screws.
2. Mark the location of holes "B" on the front bumper cover.

NOTE

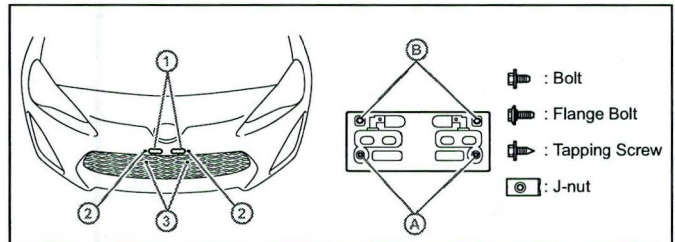
Holes "A" and "B" are used for the installation of the mounting bracket to the bumper cover.

3. Remove the license plate mounting bracket.
4. Mark the Mark "C" locations on the front bumper cover as shown in the illustration.
5. Drill 2 relief holes with a diameter of 10 mm (0.39 in.) at Mark "B" on the front bumper cover.
6. Drill 6 relief holes with a diameter of 22 mm (0.87 in.) at Mark "C" on the front bumper cover as shown in the illustration.

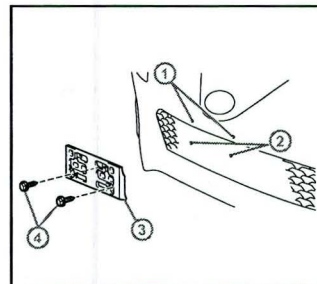
NOTE

Holes "C" are used to install J-nuts to the front bumper cover.

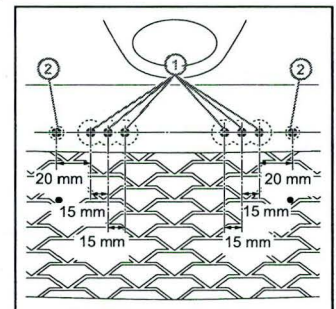
7. Install the 2 J-nuts to the front bumper cover through holes "C".
8. Align holes "B" of the mounting bracket and the J-nuts on the front bumper cover. Temporarily install the 2 flange bolts.
9. Align holes "A" of the mounting bracket and the dimples on the front intake cover. Temporarily install the 2 self-tapping screws.
10. Tighten the 2 flange bolts and tapping screws equally so that there is no clearance between the license plate mounting bracket and the front bumper cover.
11. Install the front license plate to the mounting bracket using the 2 non-corroding bolts.



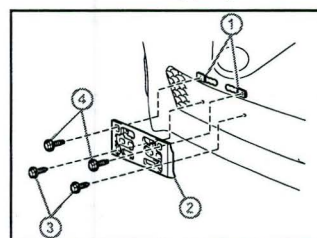
1 Mark "C" 2 Mark "B" 3 Dimples A Holes "A" B Holes "B"



1 Mark "B" 2 Dimples 3 License Plate Mounting Bracket 4 Tapping Screw



1 Mark "C" 2 Mark "B"



1 J-nut 2 License Plate Mounting Bracket 3 Tapping Screw 4 Flange Bolt