

2013 Prius PHV Pre-Delivery Service (PDS)

Service
Category General

Section Pre-Delivery Service

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	Prius PHV	

Introduction

Pre-Delivery Service (PDS) is a critical step in satisfying your dealership's 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 Prius PHV. Some check points have been added, expanded or clarified. **Bulletins are available for items in bold type.**

Precautions

The Prius PHV has unique operating modes, always follow the precautions below when performing the PDS operation:

- The Prius PHV contains high-voltage (200 ~ 650 volts) AC and DC systems. All high-voltage wiring and connections are orange in color. Do NOT carelessly touch these orange-colored wiring harnesses and connectors.
- The gasoline engine may start up and shut down suddenly whenever the "**READY**" light is illuminated. **Be sure to press the "P" position switch, apply the parking brake, press the "POWER" switch in order to stop the hybrid system (the "READY" light is OFF), and remove the ignition key from inside the vehicle before working in the engine compartment.**

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Precautions (Continued)

- The internal combustion engine, hybrid transaxle, inverter, engine radiator, and inverter radiator may reach high temperatures during inspection. Carefully read and follow all caution labels and instructions regarding these components.
- Be sure to place the shift selector into "P" (press the "P" switch) at all times unless otherwise instructed. When the shift selector is in the "N" position, the hybrid vehicle battery will NOT charge even if the gasoline engine is operating.
- When leaving the vehicle, press the "P" position switch, apply the parking brake, and press the "POWER" switch in order to stop the hybrid system (the "READY" light is OFF). Remove the ignition key.
- There are two cooling air vents for the traction battery. One vent is on the right side C pillar and the other is on the rear passenger seat left side seat base. Do NOT block these air vents.
- Do NOT splash water on the electric components in the engine compartment.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
001013	Pre-Delivery Service (PDS)	1.5	N/A	—	—

Warranty Policy

If the need for additional repairs or adjustment is noted during PDS, 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 Prius 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.

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS Techstream* or Techstream Lite NOTE: Software version 7.20.041 or later is required.	ADE	TSPKG1 or TSLITEDLR01	1

* Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

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Before Inspection

1. **Install short pin – see check sheet**
2. Install radio antenna*

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.

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, emergency flashers, and brake lights
5. Check inside/outside rear view mirror operation/adjustment
6. Check cigarette lighter* and power outlets

Check the power outlet using an electrical accessory designed for this use.

7. Check audio/navigation*/backup camera* systems and set clock

For navigation, set the destination search area to local position.

8. **Verify Entune/Navigation Software version (Display Audio, Non-HDD Type only)* – T-SB-0026-12**

9. Check multi-information display and trip information on center display*
10. Install shift-lock override button cover*
11. Check sliding roof*

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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, on vehicles so equipped. While walking around vehicle in a counterclockwise direction, open left rear door (if applicable) 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 lights at rear of vehicle. Repeat checks at right rear door. Inspect right front door window regulator and lock operation and garnishes. Check seats and seat belt operation. Continue on around to the front of the vehicle checking lights.

1. **Check Smart Key System – T-SB-0015-12**
2. Check 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/rear view mirror defogger*
7. Check side marker, tail, backup, and license plate lights
8. Check luggage compartment light* and trim appearance
9. Check emergency tire puncture repair kit
10. Check headlight aim
- Refer to the Repair Manual for procedures.
11. **Check battery state-of-charge using Digital Battery System Analyzer (SOC Reading: _____%)***

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.

Under Hood

1. Check engine oil and ATM* fluid levels
2. Check brake and power steering fluid levels
- Visually inspect using see-through reservoirs.
3. Check engine coolant level

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Under Hood (Continued)

4. Check inverter coolant level
5. Check windshield washer fluid level
6. Inspect for fuel, oil, coolant, and other fluid leaks

Battery Maintenance

1. **Perform HV battery check and maintenance** – T-SB-0194-12
2. **Perform Plug-In charge check** – T-SB-0197-12

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
4. Install wheel caps*
5. **Install front spoiler under cover and rear side spoilers** – T-SB-0193-12
6. **Install rear wheel opening extension pads** – T-SB-0195-12
7. Inspect for fuel, oil, coolant, and other fluid leaks
8. Inspect under the vehicle for damage, rust etc.
9. Visually check bolts and nuts on chassis and powertrain for looseness
10. Install rubber body plugs (stored in glove box or console)*
11. Check hybrid transaxle fluid

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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 hybrid transmission operation
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
9. Check heater and A/C* operation
10. Check cruise control operation*
Check cruise control, including On-Off switch, "SET/COAST," "RESUME/ACCEL," and "CANCEL" functions.
11. Check front seat heater operation*

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Final Inspection & Cleaning

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

Customer information labels, such as the fuel caution, airbag warnings, and bumper labels, MUST be left on the vehicle until delivery to a retail customer.

2. Visually inspect all interior parts for installation, damage, fit, dirt, etc.
3. **Verify floor mat application and install using retaining clips* – T-SB-0024-12**
4. Verify green light is illuminated on SOS (Safety Connect) button*

NOTE

Vehicle may arrive with hanger requesting inspection to Safety Connect system. If system is working properly and green light is illuminated, disregard hanger.

5. Remove Rapgard™ and clear protective bumper film*

Ensure that ALL glue residue is removed.

6. Wash and clean vehicle
7. Inspect paint finish for scratches, chips, rust, dents, damage, 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 or order new stickers by calling 1-800-527-6283.

9. Inspect exterior body parts for proper installation, damage, rust, etc.
10. **Install front license plate and mounting bracket* – see check sheet**
11. Place Owner's Guide and first aid kit portfolio* in glove box
12. 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.

* Inspect or install when equipped or required

TOYOTA PRIUS PHV **2013 PRE-DELIVERY SERVICE CHECK SHEET**

October 2012

BEFORE INSPECTION	OK	Adjust/ Repair
01 Install short pin (see page 2)	<input type="checkbox"/>	<input type="checkbox"/>
02 Install radio antenna*	<input type="checkbox"/>	<input type="checkbox"/>

FUNCTIONAL OPERATION		
<small>IMPORTANT: See Pre-Delivery Service bulletin for details on startup methods for the hybrid system.</small>		
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, 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 cigarette lighter* and power outlets	<input type="checkbox"/>	<input type="checkbox"/>
07 Check audio/navigation*/backup camera* systems and set clock	<input type="checkbox"/>	<input type="checkbox"/>
08 Verify Entune/Navigation software version (Display Audio, Non-HDD Type only)*	<input type="checkbox"/>	<input type="checkbox"/>
09 Check multi-information display and trip information on center display*	<input type="checkbox"/>	<input type="checkbox"/>
10 Install shift-lock override button cover*	<input type="checkbox"/>	<input type="checkbox"/>
11 Check sliding roof*	<input type="checkbox"/>	<input type="checkbox"/>

WALKAROUND INSPECTION		
<small>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.</small>		
01 Check Smart Key System	<input type="checkbox"/>	<input type="checkbox"/>
02 Check window operation	<input type="checkbox"/>	<input type="checkbox"/>
03 Check that engine starts with all keys	<input type="checkbox"/>	<input type="checkbox"/>
04 Check that child safety door locks are in normal (unlocked) position*	<input type="checkbox"/>	<input type="checkbox"/>
05 Check seats and seat belt operation	<input type="checkbox"/>	<input type="checkbox"/>
06 Check rear defogger/rear view mirror defogger*	<input type="checkbox"/>	<input type="checkbox"/>
07 Check side marker, tail, backup, and license plate lights	<input type="checkbox"/>	<input type="checkbox"/>
08 Check luggage compartment light* and trim appearance	<input type="checkbox"/>	<input type="checkbox"/>
09 Check emergency tire puncture repair kit	<input type="checkbox"/>	<input type="checkbox"/>
10 Check headlight aim	<input type="checkbox"/>	<input type="checkbox"/>
11 Check battery state-of-charge using Digital Battery System Analyzer (SOC Reading: ____%)*	<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 power steering fluid levels	<input type="checkbox"/>	<input type="checkbox"/>
03 Check engine coolant level	<input type="checkbox"/>	<input type="checkbox"/>
04 Check inverter coolant level	<input type="checkbox"/>	<input type="checkbox"/>
05 Check windshield washer fluid level	<input type="checkbox"/>	<input type="checkbox"/>
06 Inspect for fuel, oil, coolant, and other fluid leaks	<input type="checkbox"/>	<input type="checkbox"/>

BATTERY MAINTENANCE		
01 Perform HV battery check and maintenance	<input type="checkbox"/>	<input type="checkbox"/>
02 Plug-in charge check	<input type="checkbox"/>	<input type="checkbox"/>

* Inspect or install when equipped/required.

UNDER VEHICLE (ON HOIST)		
01 Remove disc brake anti-rust covers/anti-corrosion wheel film*	<input type="checkbox"/>	<input type="checkbox"/>
02 Inspect tires for defects/damage	<input type="checkbox"/>	<input type="checkbox"/>
03 Activate and Initialize Tire Pressure Warning System (TPWS) (see page 2)	<input type="checkbox"/>	<input type="checkbox"/>
04 Install wheel caps*	<input type="checkbox"/>	<input type="checkbox"/>
05 Install front spoiler under cover & rear side spoilers	<input type="checkbox"/>	<input type="checkbox"/>
06 Install rear wheel opening extension pads	<input type="checkbox"/>	<input type="checkbox"/>
07 Inspect for fuel, oil, coolant, and other fluid leaks	<input type="checkbox"/>	<input type="checkbox"/>
08 Inspect under the vehicle for damage, rust, etc.	<input type="checkbox"/>	<input type="checkbox"/>
09 Visually check bolts and nuts on chassis and powertrain for looseness	<input type="checkbox"/>	<input type="checkbox"/>
10 Install rubber body plugs (stored in glove box or console)* ..	<input type="checkbox"/>	<input type="checkbox"/>
11 Check hybrid transaxle fluid	<input type="checkbox"/>	<input type="checkbox"/>

ROAD TEST	
<small>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.</small>	

Enter Odometer Readings	
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 hybrid 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 & 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 cruise control operation*	<input type="checkbox"/>	<input type="checkbox"/>
11 Check front seat heater 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 Visually inspect all interior parts for installation, damage, fit, dirt, etc.	<input type="checkbox"/>	<input type="checkbox"/>
03 Verify floor mat application and install using retaining clips*	<input type="checkbox"/>	<input type="checkbox"/>
04 Verify green light is illuminated on SOS (Safety Connect) button*	<input type="checkbox"/>	<input type="checkbox"/>
05 Remove Rapgard™ and clear protective bumper film*	<input type="checkbox"/>	<input type="checkbox"/>
06 Wash and clean vehicle	<input type="checkbox"/>	<input type="checkbox"/>
07 Inspect paint finish for scratches, chips, rust, dents, damage, etc.	<input type="checkbox"/>	<input type="checkbox"/>
08 Place oil change sticker on inside of windshield, top left corner	<input type="checkbox"/>	<input type="checkbox"/>
09 Inspect exterior body parts for proper installation, damage, rust, etc.	<input type="checkbox"/>	<input type="checkbox"/>
10 Install front license plate and mounting bracket* (see page 2)	<input type="checkbox"/>	<input type="checkbox"/>
11 Place Owner's Guide & first aid kit portfolio* in glove box	<input type="checkbox"/>	<input type="checkbox"/>
12 Perform Techstream Health Check	<input type="checkbox"/>	<input type="checkbox"/>

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)	
Date	Dealer Name	Dealer Code	Vehicle Identification Number (Sticker)

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

SHORT PIN INSTALLATION

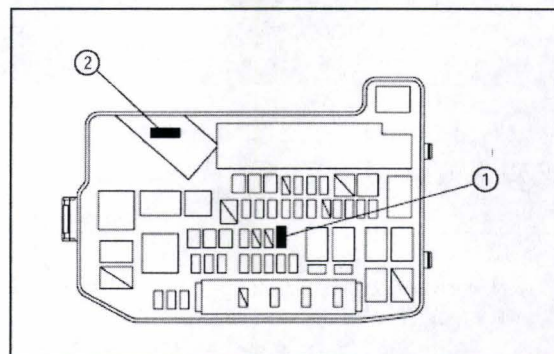
To minimize battery discharge the Short Pin has been removed and is stored in the engine compartment Relay Block. Install the Short Pin and confirm all related DTCs are cleared.

DTC Clearing Procedure

1. Connect Techstream to DLC3.
2. Cycle the ignition switch to the "IG-ON" position.
3. Using Techstream, check any other codes being output.
4. Erase DTCs (B1650, B1794, U0155, U0142, and U0100) and freeze frame data.

NOTE

If any DTCs besides B1650, B1794, U155, U0142, and U0100 remain, repair the applicable system according to the Repair Manual.



1 Storage Location
2 Installation Location

TPWS ACTIVATION AND INITIALIZATION

Activation Procedure

1. Connect Techstream to DLC3.
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 kgf/cm², 40 kPa), or more, within 30 seconds.
4. Using Techstream, check for DTCs (C2111-C2114). If no DTCs are stored, continue to step 5. If these DTCs are stored, repeat step 3.
5. Adjust all tires to the standard tire inflation pressure, as indicated on the Tire and Loading information label inside the driver's door jamb.
6. Check the tire pressure values of all the tires using Techstream. **TPWS ECU / DATA LIST / TIREPRESS 1-4**

NOTE

If DTCs C2111-C2114 are present after repeating step 3, lift the vehicle and rotate each tire so that the tire pressure warning valve/sensor is at the top of the wheel well. Then repeat step 3.

Initialization Procedure

Refer to the Repair Manual for the Initialization procedure.

NOTE

If performing this procedure in areas with temperatures significantly colder or warmer than shop temperatures, follow the instructions in (T-SB-0020-12).

FRONT LICENSE PLATE AND MOUNTING BRACKET INSTALLATION

1. Align holes "A" of the mounting bracket with the dimples on the front bumper cover. Mark the location of holes "B" in the front bumper cover.

NOTE

- Holes "A" are used for installation of the mounting bracket to the bumper cover.
- Holes "B" are used for installation of the front license plate to the mounting bracket.

2. Drill two relief holes with a diameter of 11 mm (0.43 in.) at the hole "B" marks on the front bumper cover to prevent the license plate retaining bolt from contacting the cover.
3. Install the mounting bracket to the front bumper cover by attaching the two self-tapping screws into the dimples.
4. Install the front license plate to the mounting bracket using bolts with the following dimensions.

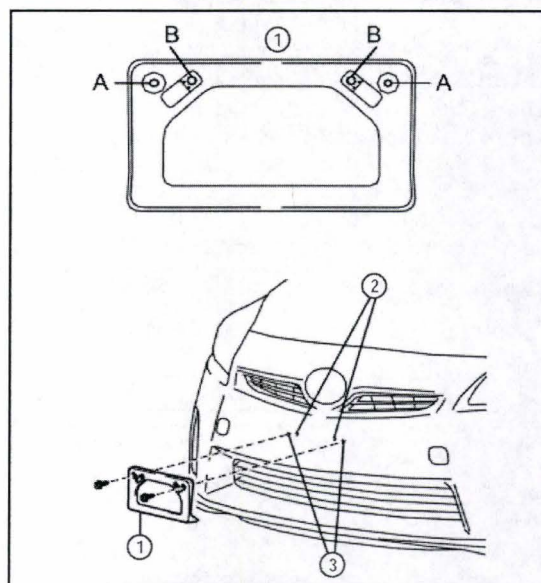
Length: 20.0 — 25.0 mm (0.79 — 0.98 in.)

Diameter: 6.0 mm (0.24 in.)

Pitch: 1.0 mm (0.04 in.)

NOTICE

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



1 Mounting Bracket
2 Mark and Drill Holes
3 Dimples