

# **TOYOTA Highlander/Highlander HV** **2017 PRE-DELIVERY SERVICE CHECK SHEET**

Market: USA

November 2016

## BEFORE INSPECTION

1 Install short pin (see page 2).....  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, and release the back 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.....
- 7 Check audio/navigation\*/backup camera systems and set clock.....
- 8 Check multi-information display.....
- 9 Install shift-lock override button cover.....
- 10 Check sliding roof\*.....
- 11 Check Rear Seat Entertainment system operation\*.....

## WALKAROUND INSPECTION

*Starting at the left front door, check window and door lock operation. Continue around the vehicle in a counterclockwise direction checking each door and window operation, child door locks, seat belts, interior condition, all lights, and luggage compartment contents. Finish by checking headlight aim and continue into UNDER HOOD checks.*

- 1 **Check Smart Key System\***.....
- 2 Check door and door lock operation, including each wireless remote control/theft deterrent system\*.....
- 3 Check window operation.....
- 4 Check that engine starts with all keys.....
- 5 Check that child safety door locks are in normal (unlocked) position.....
- 6 Check seats and seat belt operation.....
- 7 Check rear defogger/rear view mirror defogger\*.....
- 8 Check side marker, tail, backup, and license plate lights.....
- 9 Check luggage compartment light\* and trim appearance.....
- 10 Check headlight aim.....

## UNDER HOOD

- 1 Check engine oil level.....
- 2 Check brake fluid level.....
- 3 Check engine coolant level.....
- 4 Check inverter coolant level\*.....
- 5 Check windshield washer fluid level.....
- 6 **Check battery State-Of-Charge using Digital Battery System Analyzer (SOC Reading: \_\_\_\_\_%)**.....
- 7 Inspect for fuel, oil, coolant, and other fluid leaks.....

## BATTERY MAINTENANCE\*

- 1 **Perform HV battery check and maintenance**.....

\* Inspect or install when equipped/required.

## UNDER VEHICLE (ON HOIST)

- 1 **Remove disc brake anti-rust covers/anti-corrosion wheel film\*** (remove just prior to customer delivery).....  OK  Adjust/Repair
- 2 Inspect tires for defects/damage.....
- 3 Adjust spare tire pressure, inspect for damage, and check jack and tool installation.....
- 4 Initialize Tire Pressure Warning System (TPWS) (see page 2).....
- 5 Install wheel covers/caps/spare tire wheel covers\*.....
- 6 Inspect for fuel, oil, coolant, and other fluid leaks.....
- 7 Inspect under the vehicle for damage, rust, etc.....
- 8 Visually check bolts and nuts on chassis and powertrain for looseness.....
- 9 Install rubber body plugs (stored in glove box or center console)\*.....

## 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: \_\_\_\_\_

- 1 Check cold engine operation.....
- 2 Check engine operation during warm-up.....
- 3 Check engine operation at normal operating temperature...
- 4 Check transaxle operation.....
- 5 Check brake and parking brake operation.....
- 6 Check steering operation and off-center/vehicle pull/flutter..
- 7 Inspect for abnormal noise and vibration.....
- 8 Inspect for squeaks and rattles.....
- 9 Check front and rear\* heater and A/C operation.....
- 10 Check cruise control operation\*.....
- 11 Check front seat heater/ventilation operation\*.....
- 12 Set/calibrate compass\* (see page 2).....
- 13 Initialize Parking Assist Monitor System\* (see page 2).....

## FINAL INSPECTION AND CLEANING

- 1 Remove interior protective covers, unnecessary labels, tags, etc. (Remove just before delivery to customer).....
- 2 **Verify floor mat application and install using retaining clips\***.....
- 3 Visually inspect all interior parts for installation, damage, fit, dirt, etc.....
- 4 Remove Rapgard™ and clear protective bumper film\*.....
- 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.....
- 9 Place Owner's Manual portfolio\* in glove box.....
- 10 Install front license plate and mounting bracket\* (see page 2).....
- 11 Perform Techstream Health Check.....

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

<p>_____ TECHNICIAN'S SIGNATURE</p> <p>_____ NAME (PLEASE PRINT)</p>	<p>_____ SERVICE MANAGER'S SIGNATURE</p> <p>_____ NAME (PLEASE PRINT)</p>	<p><b>We hereby certify that all items on this form have been checked and corrected for proper operation as required.</b></p>	
Date	Dealer Name	Dealer Code	Vehicle Identification Number (Sticker)

## SHORT PIN INSTALLATION

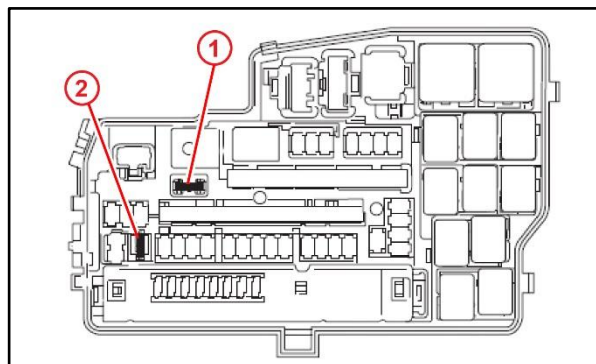
To minimize battery discharge the short pin has been removed and is stored in the engine compartment Relay Block. Install the short pin and confirm ALL related DTCs are cleared.

### 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.

#### NOTE

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



1 Storage Location

2 Installation Location

## TIRE PRESSURE WARNING SYSTEM (TPWS) INITIALIZATION

Refer to the Repair Manual for the Initialization procedure ([Highlander](#) / [Highlander HV](#)).

#### NOTE

To adjust the tire pressure correctly when the outside temperature is significantly colder than shop temperature, perform a Health Check using Techstream and select the "Compensation Tire Pressure" checkbox. Compensation pressures will be displayed on the Health Check results screen. Adjust the tire pressure when the tires are cold.

## COMPASS CALIBRATION\*

Refer to the Repair Manual for the Calibration procedure ([Highlander](#) / [Highlander HV](#)) 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.

## INITIALIZATION OF PARKING ASSIST MONITOR SYSTEM\*

Refer to the Repair Manual for the parking assist monitor system initialization procedure ([Highlander](#) / [Highlander HV](#)).

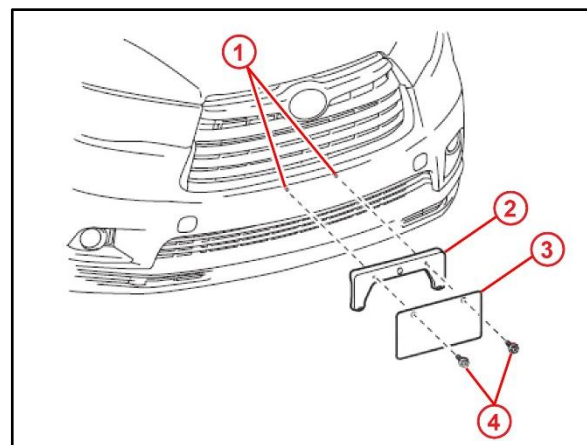
## FRONT LICENSE PLATE & MOUNTING BRACKET INSTALLATION\*

The front license plate mounting bracket and 2 self-tapping screws are loaded in the luggage compartment.

1. Align the holes on the front license plate and bracket with the dimples on the front of the bumper.
2. Install 1 self-tapping screw through the round hole on the front license plate bracket, license plate, and the bumper.
3. Install 1 self-tapping screw through the slotted hole on the front license plate bracket, license plate, and the bumper.

#### NOTICE

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



1 Dimples

2 License Plate Mounting Bracket

3 License Plate

4 Self-tapping Screws