

2016 Mirai Pre-Delivery Service (PDS)

Service Category General

Section Pre-Delivery Service

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016	Mirai	

REVISION NOTICE

July 14, 2016 Rev2:

- The **Warranty Information** section has been updated.

January 25, 2016 Rev1:

- The **Warranty Information** section has been added.

Any previous printed versions of this bulletin should be discarded.

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.

A new PDS [Check Sheet](#) has been developed for the 2016 model year Mirai. Some check points have been added, expanded, or clarified. **Bulletins are available for items in bold type.**

Warranty Policy

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



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Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
001013	Mirai Pre-Delivery Service	3.0	-	-	-

NOTE

This OP Code includes 1.0 hour to complete the Pre-Delivery Service plus 2.0 hours to top off the fuel tank and train customers on the fueling process. This training should be completed within 72 hours of the customer taking possession of the vehicle. Refer to Warranty Procedure Bulletin [PRO16-06](#) for additional information.

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
Techstream Lite		TSLITEPDLR01	

* Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 10.20.030 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 D/C Cut 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 D/C Cut Fuse – [T-SB-0058-15](#)



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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 trunk 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, emergency flashers, and brake lights
5. Check inside/outside rear view mirror operation/adjustment
6. Check power outlets and cigarette lighter*
7. Check audio/navigation*/backup camera* systems and set clock
For Navigation, set the destination search area to local position.
8. Install shift-lock override button cover*
9. Check sliding roof*

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 door and door lock operation, including each wireless remote control/theft deterrent system*
2. Check power window operation
3. Check that fuel cell system starts with all keys
4. Check seats and seat belt operation
5. Check rear defogger/outside rear view mirror defoggers*
6. Check side marker, tail, backup, and license plate lights
7. Check rear hatch/cargo area trim appearance
8. Check jack, tool, and emergency tire puncture repair kit installation
9. Check headlight aim
Refer to the Repair Manual for procedures.



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Under Hood

1. Check brake fluid level
Visually inspect using see-through reservoirs.
2. Check fuel cell coolant level
3. Check inverter 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, coolant, and other fluid leaks

Battery Maintenance

1. **Perform HV battery check and maintenance** – [T-SB-0087-14](#)

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. **Tire Pressure Warning System (TPWS) confirmation** – [see check sheet](#)
4. Install wheel covers/caps*
5. Install rubber body plugs
Install the rubber body plugs (stored in glove box) into rear torque box holes.
6. Check HV transaxle fluid level
7. Inspect for fuel, oil, coolant, and other leaks.
8. Visually check bolts and nuts on chassis and powertrain for looseness
9. Inspect under the vehicle for damage, rust, etc.
10. **Install front wheel opening extension pads** – [see check sheet](#)



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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 fuel cell stack operation
Check startup performance.
2. Check fuel cell stack operation during warm-up
Check that fuel cell stack operates smoothly during warm-up.
Check for unusual noise, vibration, roughness, etc.
3. Check fuel cell stack at normal operating temperature
Check fuel cell stack performance over a broad range of driving conditions, including idle quality, acceleration, cruise, and deceleration.
4. Check HV transaxle operation
Check for unusual noise, as well as overall operation, including operation in each range, neutral start switch, shift lock system, etc.
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. Inspect for abnormal noise and vibration
10. Inspect for squeaks and rattles
11. Check Blind Spot Monitor system*
12. Check heater and A/C operation
13. Check speedometer operation
14. Check seat heater/ventilation* operation
15. Check driver's seat memory* operation
16. Check cruise control operation



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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*** – [T-SB-0051-14](#)
3. Visually inspect all interior parts for installation, damage, fit, dirt, etc.
4. Verify green light is illuminated on SOS (Safety Connect) button*
5. Remove Rapgard™ and clear protective bumper film*
Ensure ALL glue residue is removed.
6. Wash and clean vehicle
7. Inspect paint finish for scratches, chips, rust, dents, damage, etc.
8. Inspect exterior body parts for proper installation, damage, rust, etc.
9. Place Owner's Guide and first aid kit portfolio* in glove box
10. Place service reminder sticker on inside of windshield, top left corner
Complete the mileage or date recommendation and apply the service reminder sticker to the inside of the windshield, top left corner. You may use your current service reminder sticker.
11. Install front license plate and mounting bracket* - see check sheet
12. 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*