

2020 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
2020	Mirai	

REVISION NOTICE

December 09, 2019 Rev1:

- **Step 3, perform steering sensor zero point calibration, was added to the Before Inspection section.**

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
- Interior cleanliness.
- Proper function of mechanical systems.

Customer retention and proper maintenance of vehicles are and have always been a major focus for Toyota. To help remind customers that service is essential to the proper maintenance of the vehicle, dealers are required to install a service reminder sticker before to delivery. By doing this, customers will be reminded to return to your dealership for service. Your current service reminder sticker may be used. (See PDS Check Sheet item 10 of "Final Inspection and Cleaning.")

A new PDS [Check Sheet](#) has been developed for the 2020 model year Mirai. 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 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.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
001013	Pre-Delivery Service (PDS)	3.0	-	-	-

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVi*	ADE	TSADVUNIT	1
Techstream 2.0		TS2UNIT	
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 14.20.019 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

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Before Inspection

When performing new car PDS, install the D/C cut fuse before moving the vehicle from the storage lot so that Functional Operation checks can begin as soon as the vehicle is moved into the service stall.

1. **Install D/C cut fuse** – [T-SB-0153-19](#)
2. **Initialize/update the App Suite** – [T-SB-0008-19](#)
3. **Perform steering sensor zero point calibration*** – [Driving Method](#) / [Techstream Method \(Procedure 4\)](#)

NOTE

If equipped with parking support brake system.

Functional Operation

Apply parking brake, turn vehicle on (ready off), place gear selector in “R,” turn on lights and rear defogger, unlock all doors, and release fuel door, trunk, and 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 USB and 12V power outlet(s)
7. Check backup camera operation
8. Check audio/navigation* systems and set clock
For navigation, set the destination search area to local position.
9. Check sliding roof*

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Walkaround Inspection

Starting at the 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, and luggage compartment contents. Finish by checking headlight aim.

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.

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. Inspect for fuel, coolant, and other fluid leaks
6. **Check battery State-Of-Charge (SOC) using digital battery system analyzer**

Refer to Service Bulletin No. [T-SB-007-19](#), *Battery Maintenance During PDS*.

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.

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Battery Maintenance

1. **Perform HV battery check and maintenance** – [T-SB-0006-19](#)

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 before delivery to the customer.

2. Inspect tires for defects/damage
3. **Check Tire Pressure Warning System (TPWS)** – [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. 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.
9. **Install front wheel opening extension pads** – [see Check Sheet](#)

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Road Test

A complete road test helps promote 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 operation at normal operating temperature
4. Check HV transaxle 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 Blind Spot Monitor System*
10. Check heater and A/C operation
11. Check speedometer operation
12. Check seat heater/ventilation* operation
13. Check driver's seat memory operation*
14. Check cruise control operation*
Check cruise control, including ON-OFF switch, Set/Coast, Resume/Accel, and Cancel functions.

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Final Inspection and 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. **Verify floor mat application and install using retaining clips*** – [T-SB-0158-18](#)
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 Manual 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 Techstream Health Check
Perform Health Check to ensure that Diagnostic Trouble Codes (DTCs) 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.