

2021 LX 570 Pre-Delivery Service (PDS)

Service Category General

Section Pre-Delivery Service

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2021	LX570	

Introduction

This bulletin contains the vehicle specific pre-delivery services for 2021 model year LX 570 vehicles. Additionally, refer to the applicable Pre-Delivery Service (PDS) Check Sheet for services to be performed.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
N/A	Not Applicable to Warranty	—	—	—	—

Procedures

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*If applicable.

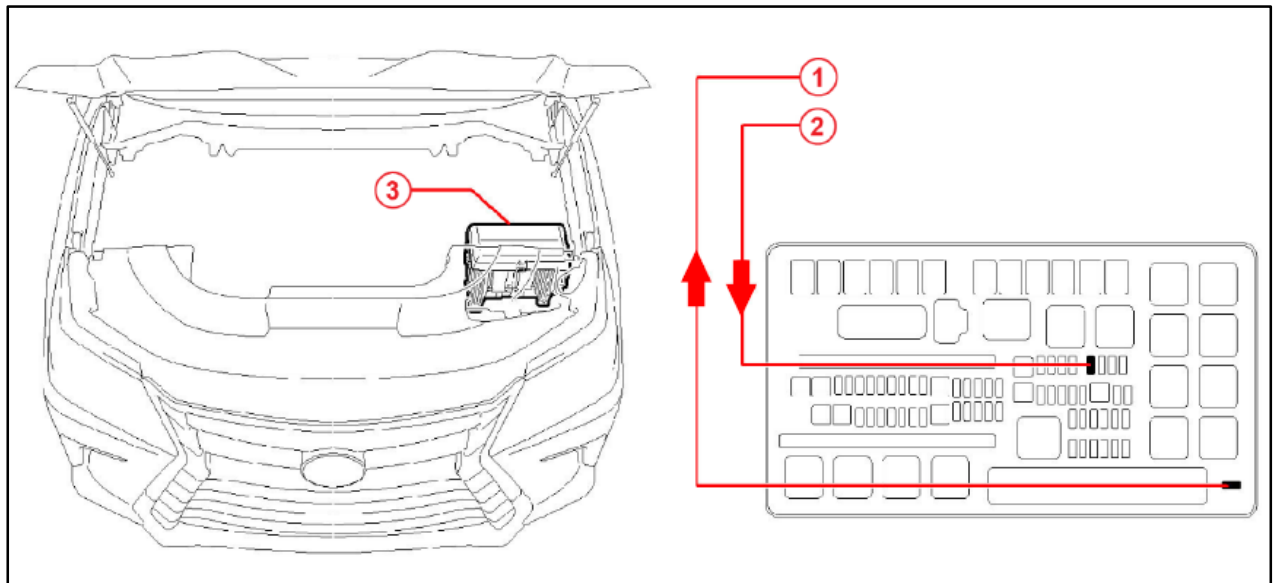
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D/C Cut Fuse (30A) Installation

To minimize battery discharge during transportation and storage, the D/C cut fuse (30A) has been removed at the assembly plant and temporarily stored in the blank space of the relay block in the engine compartment. During PDS, reinstall the D/C cut fuse (30A) to its original location and confirm ALL related Diagnostic Trouble Codes (DTCs) are cleared.

Remove the D/C cut fuse (30A) from the blank space of the relay block in the engine compartment and install the D/C cut fuse (30A) in the relay block as shown.

Figure 1.



1	Remove D/C Cut Fuse (30A)
2	Install D/C Cut Fuse (30A) (Original Location)

3	Relay Block
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Deletion of Vehicle Alert History

As the D/C cut fuse is removed, the communication between the various ECUs is interrupted. When the D/C fuse is reinstalled, the communication status is restored, but Lexus Enform Service Connect may store malfunction history in the form of vehicle alert history. Therefore, it is necessary to operate the multi-display and delete the vehicle alert history AFTER installing the D/C cut fuse during PDS at the dealership.

Deletion Procedure

1. Turn the engine switch (power switch) to the ON position (ON mode).
2. Push the Menu switch on the remote touch device.
3. On the multi-display, enter the following menus: *Info – Vehicle Alert History*.
4. If there is vehicle alert history stored, perform the Delete History operation.

HINT

If there is no vehicle alert history stored, the system will display a message stating "There is no vehicle alert history."

5. When the vehicle alert history deletion confirmation screen is displayed, select Yes.

HINT

If there is no vehicle alert history stored, the system will display a message stating "There is no vehicle alert history."

6. Turn the engine switch (power switch) to the OFF position (OFF mode).

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Tire Pressure Warning System (TPWS) Initialization

Refer to the applicable Repair Manual for the TPWS [initialization procedure](#). Note the spare tire does NOT have a TPWS sensor.

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 display on the Health Check results screen. Adjust the tire pressure when the tires are cold.

Memorize Steering Angle Neutral Point

As a result of the removal of the D/C cut fuse, the power source to the steering angle sensor is cut off. When the D/C cut fuse is reinstalled, the parking assist monitor system/panoramic view monitor system will be operative, but it cannot display guidelines to assist parking operation because the center position recognized by the steering angle sensor may not be in an initial position. Therefore, perform steering angle neutral point initialization AFTER installing the D/C cut fuse during PDS.

Refer to the applicable Repair Manual for the steering angle neutral point [initialization procedure](#).

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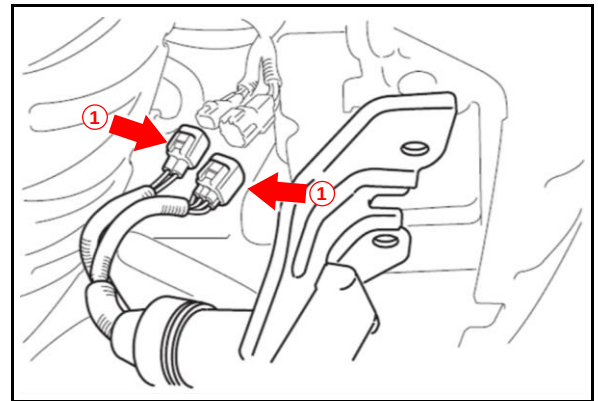
Towing Wire Harness Connector Installation

The towing wire harness connector set (towing wire harness connector assembly and two bolts) is loaded in the vehicle at the assembly plant to avoid damage during transit.

During PDS, use the following procedure to install the towing wire harness connector to the vehicle.

1. Connect the towing wire harness connectors.
 - A. Remove the water-resistant caps from the two frame wire harness connectors.
 - B. Connect the two frame wire harness connectors and two towing wire harness connectors.

Figure 2.



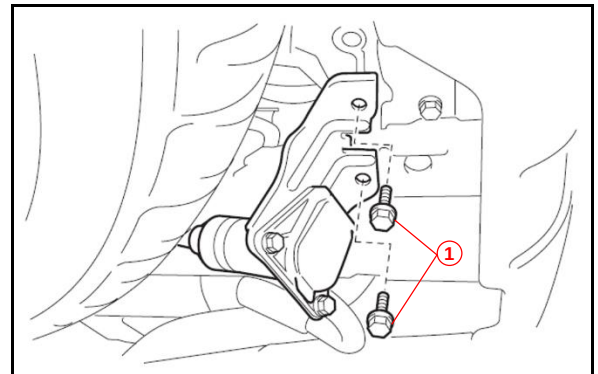
1

Towing Wire Harness Connector

2. Install the towing wire harness assembly bracket on the frame bracket using the two bolts provided.

Torque: 19.5 N*m (199 kgf*cm, 14 ft*lb)

Figure 3.



1

Bolt

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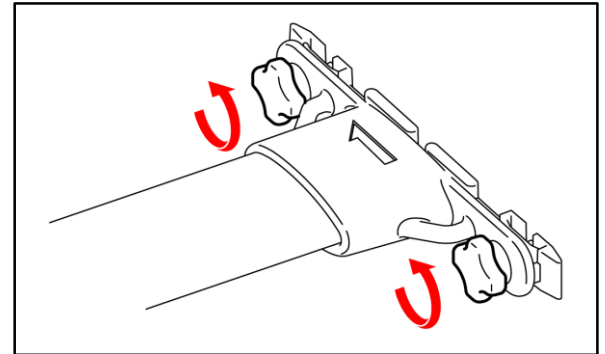
Installation of Roof Rack Crossbars

To avoid damage during transportation, the 2021 model year LX 570 roof rack crossbars have been placed inside the vehicle at the assembly plant.

Install the roof rack crossbars and leg covers during PDS using the following procedure.

1. Loosen the adjustment knobs on each crossbar joint.

Figure 4.

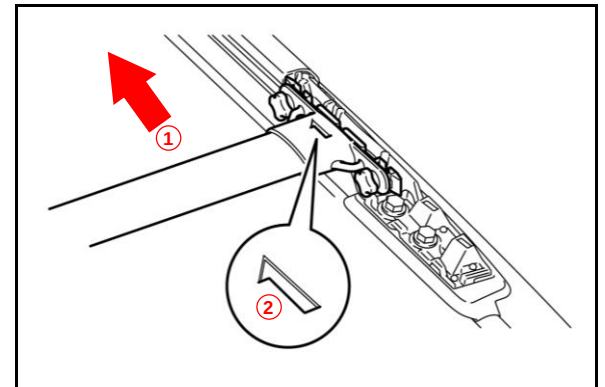


2. Slide the crossbar joints into the grooves of the right and left roof rack rails with the arrow mark on each crossbar joint facing forward.

NOTE

There is a possibility that the crossbars will create wind noise if they are installed backward.

Figure 5.



1	Front
2	Arrow Mark

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Installation of Roof Rack Crossbars (continued)

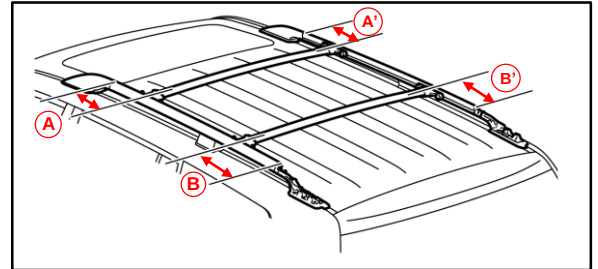
3. Position the front and rear crossbars so they are parallel to each other.
4. Securely tighten the knobs on each crossbar (A = A', B = B').

AREA	MEASUREMENT
A	250 mm (9.84 in.)
B	295 mm (11.60 in.)

NOTICE

If the knobs are NOT tightened securely, the knobs may come loose and rattle or possibly fall off the vehicle.

Figure 6.

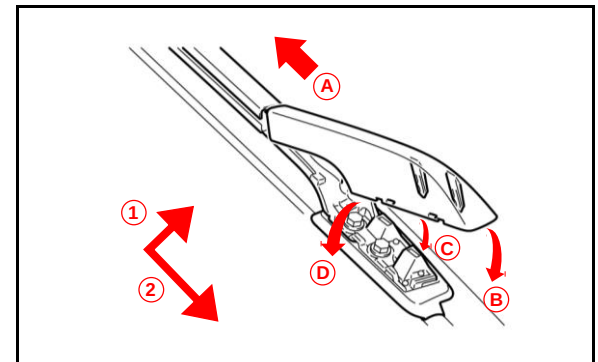


5. Install the right and left rear roof rack leg covers in the following sequence (labeled as shown):
 - A. Insert the tab at the front of the cover into the roof rack rail.
 - B. Place the cover on the leg and align the rear part of the cover. Do NOT press down.
 - C. Press the cover claws facing the outside of the vehicle into place.
 - D. Press the cover claws facing the inside of the vehicle into place.

NOTICE

Do NOT press on the claws facing the outside of the vehicle at the same time as pressing on the claws facing the inside. This may damage the leg cover.

Figure 7.



1	Outside
2	Rear

6. Check that the covers are installed securely.

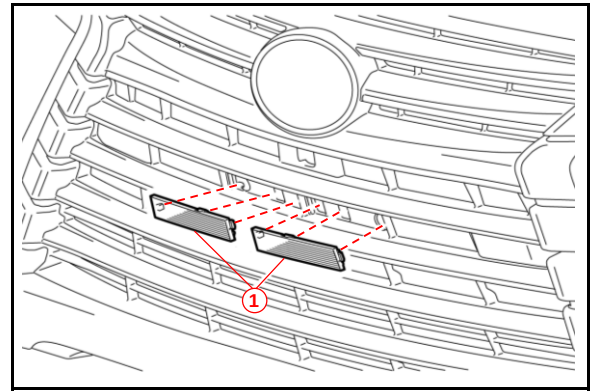
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Front License Plate and Mounting Bracket Installation

The front license plate mounting bracket and two self-tapping screws for the 2021 model year LX 570 are stored in the rear cargo area of the vehicle. For states that require a front license plate, install the license plate and mounting bracket during PDS.

1. Remove the two radiator grille moldings by disengaging the three claws on each.

Figure 8.



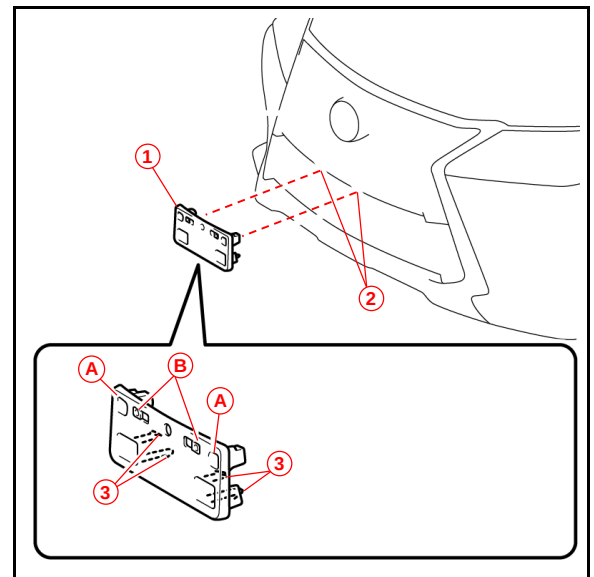
1 Radiator Grille Molding

2. Attach the front license plate mounting bracket hooks to the air intake of the radiator grille and hold in place.
3. Align holes "A" of the mounting bracket with the installation holes on the radiator grille.

NOTE

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

Figure 9.



1 Mounting Bracket

2 Installation Hole

3 Hook

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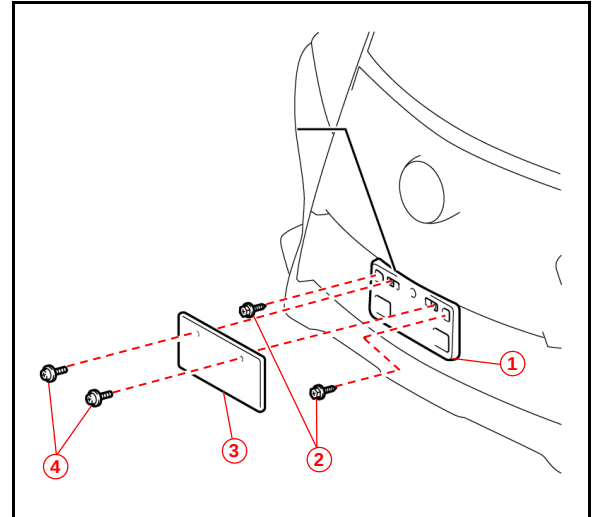
Front License Plate and Mounting Bracket Installation (continued)

4. Install the mounting bracket to the radiator grille using the two self-tapping screws provided.

NOTICE

Do NOT overtighten the self-tapping screws.

Figure 10.



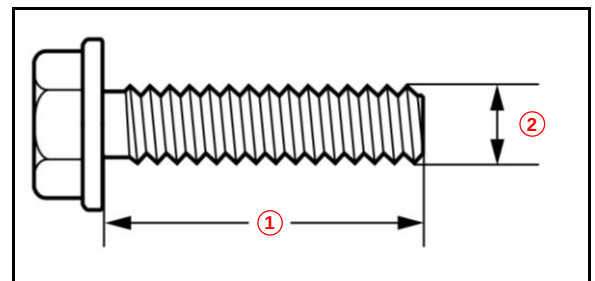
1	Mounting Bracket
2	Self-tapping Screw
3	License Plate
4	Bolt

5. Install the front license plate using two noncorroding bolts with the following dimensions:

Nominal Length: 15.0 mm (0.59 in.)

Diameter: 6.0 mm (0.24 in.)

Figure 11.



1	Nominal Length
2	Diameter