

# 2022 NX 250, NX 350, NX 350h, NX 450h+ Pre-Delivery Service (PDS)

**Service Category** General

**Section** Pre-Delivery Service

**Market** USA

Toyota Supports  
ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2022	NX250, NX350, NX350H, NX450H+	

### REVISION NOTICE

January 18, 2022 Rev1:

- The Set Hybrid Radio Feature to “OFF” and Navigation — “Set Date & Time by GPS” sections have been included.

Any previous printed versions of this bulletin should be discarded.

## Introduction

This bulletin contains the vehicle specific pre-delivery services for 2022 model year NX 250, NX 350, NX 350h, and NX 450h+ vehicles. Additionally, refer to the applicable Pre-Delivery Service (PDS) Check Sheet for services to be performed.

## Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

## 2022 NX 250, NX 350, NX 350h, NX 450h+ Pre-Delivery Service (PDS)

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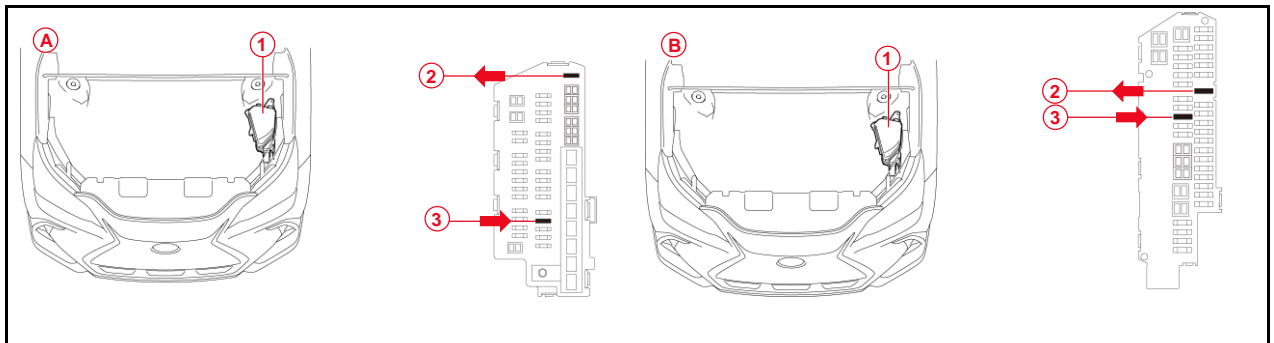
\*If Applicable

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### D/C Cut Fuse Installation

To minimize battery discharge during transportation and storage, the D/C cut fuse (20A) 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 (20A) into its original location and clear ALL related Diagnostic Trouble Codes (DTCs).

**Figure 1.**



<b>A</b>	NX 250, NX 350, NX 350h
<b>B</b>	NX 450h+
<b>1</b>	Relay Block
<b>2</b>	Remove D/C Cut Fuse (20A)
<b>3</b>	Install D/C Cut Fuse (20A) (Original Location)

#### NOTE

While the vehicle is stored at the dealership, disconnect the negative (-) battery terminal to prevent battery discharge. Refer to [L-SB-0013-21](#), *Battery Maintenance During PDS*, for battery maintenance information.

### Seating Position Control ECU Initialization

Refer to the applicable Repair Manual for the seating position control ECU initialization procedure ([NX 250](#) / [NX 350](#) / [NX 350h](#) / [NX 450h+](#)). (procedure 2).

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### Power Back Door Initialization

Initialize the power back door system AFTER installing the D/C cut fuse during PDS by fully closing the back door manually.

### 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 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.

#### Hybrid Engine

1. Start the engine.
2. Ensure the panoramic view monitor is operative.
3. Place the shifter in the (R) Reverse position.
4. Ensure the estimated course lines are displayed.

#### NOTE

Initialization of the panoramic view monitor system has been completed when the estimated course lines are displayed.

#### Gasoline Engine

1. Start the engine.
2. Turn the steering wheel lock to the locked position.
3. Place the shifter in the (R) Reverse position.
4. Ensure the estimated course lines are displayed.

#### NOTE

Initialization of the panoramic view monitor system has been completed when the estimated course lines are displayed.

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### Parking Support Brake System Calibration

As a result of the removal of the D/C cut fuse, the steering angle sensor power source is cut off. When the D/C cut fuse is reinstalled, the center position recognized by the steering angle sensor may not be the appropriate position. Therefore, it is necessary to perform intelligent clearance sonar system calibration AFTER installing the D/C cut fuse during PDS.

Refer to the applicable Repair Manual for the intelligent clearance sonar system calibration procedure:

- Driving Method: ([NX 250](#) / [NX 350](#) / [NX 350h](#) / [NX 450h+](#)).
- Techstream Method (procedure 4): ([NX 250](#) / [NX 350](#) / [NX 350h](#) / [NX 450h+](#)).

### Customize ACC Function

The pre-startup function detects when a user enters the vehicle and energizes the audio head unit (+BA) so that the multimedia system can quickly be used. This function is not enabled at the factory to reduce parasitic current draw in transit and storage. To enable this function, it is necessary to set the ACC customization function in the navigation display to OFF.

1. Turn the engine switch (power switch) to the ON position (ON mode).
2. Enter the following menus: *Settings – Vehicle Customization – Utility – ACC Customize*.
3. Change the setting to OFF (toggle at left with gray background).

### Set Hybrid Radio Feature to “OFF”

Without a Wi-Fi subscription, the customer will receive a “Subscription Required” pop-up while in weak broadcast radio signal areas. This pop-up notification may cause confusion to the customer. Therefore, it is necessary to toggle the Hybrid Radio feature to the “OFF” position.

1. Turn the engine switch (power switch) to ON position (ON mode).
2. Navigate the following menus in the head unit: *Settings – Sound and Media – Radio – Hybrid Radio*.
3. Ensure the Hybrid Radio function is set to the “OFF” position.

#### NOTE

The “Enable hybrid radio” feature is factory preset to the “ON” position.

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### Front License Plate and Mounting Bracket Installation

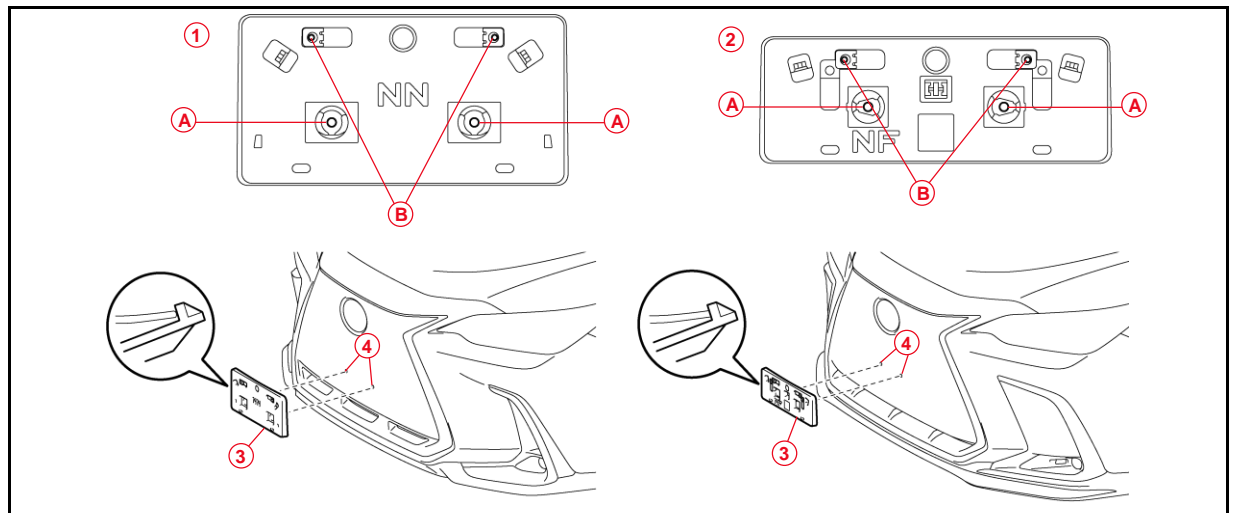
The front license plate mounting bracket and two self-tapping screws are stored in the vehicle. For states that require a front license plate, install the front license plate and mounting bracket during PDS.

1. Align holes "A" of the mounting bracket with the dimples on the radiator lower grille.

**NOTE**

- Holes "A" are used for installation of the front license plate mounting bracket to the radiator lower grille.
- Holes "B" are used to install the license plate onto the mounting bracket.

**Figure 2.**



1	Type A
2	Type B
3	Mounting Bracket
4	Dimple

2. Install the mounting bracket to the radiator lower grille by installing the two self-tapping screws directly into the dimples.

**NOTICE**

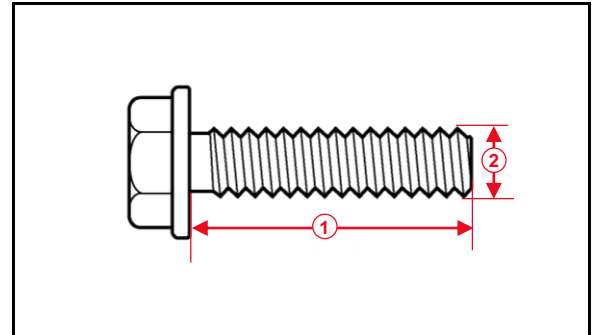
**Do NOT overtighten the self-tapping screws.**

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### Front License Plate and Mounting Bracket Installation (continued)

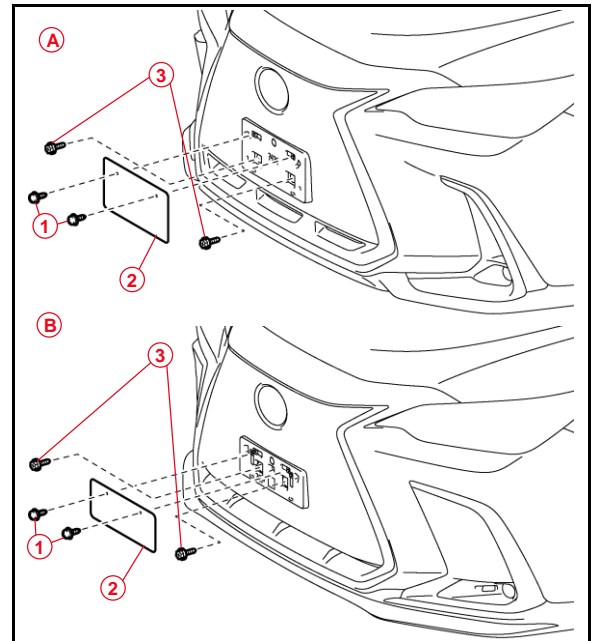
3. Install the front license plate onto the mounting bracket using two noncorroding bolts with the following dimensions:  
**Nominal Length: 15.0 mm (0.59 in.)**  
**Diameter: 6.0 mm (0.24 in.)**

**Figure 3.**



<b>1</b>	<b>Nominal Length</b>
<b>2</b>	<b>Diameter</b>

**Figure 4.**



<b>A</b>	<b>Type A</b>
<b>B</b>	<b>Type B</b>
<b>1</b>	<b>Bolt</b>
<b>2</b>	<b>Front License Plate</b>
<b>3</b>	<b>Self-tapping Screw</b>

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### Enable Hybrid Battery Thermal Keep Control Mode

In extremely cold climates such as Canada and Alaska, the hybrid battery may be frozen. As a result, the hybrid battery may become excessively weak and the engine may not start. By setting the Hybrid Battery Thermal Keep Control Mode to ON, it is possible to warm the hybrid battery and maintain its current temperature in order to prevent it from becoming excessively weak. When this mode is set to ON, the charging timer settings are canceled at temperatures of 14°F (10°C) or lower, and charging will begin immediately when the charging cable is connected to the vehicle. Therefore, NEVER set this mode to ON in any region other than the regions mentioned above.

### Confirm Hybrid Battery Thermal Keep Control Mode State

1. Connect the Techstream to the DLC3.
2. Turn the power switch IG-ON.
3. According to the display on the Techstream, read the Data List.
4. Enter the following menus: *Powertrain – HV Battery –Data List – Hybrid Battery Thermal Keep Control Mode Status.*
5. Check the results by referring to the following table:

**Table 1.**

Tester Display	Measurement Item	Range	Normal Condition
Hybrid Battery Thermal Keep Control Mode Status	Hybrid Battery Thermal Keep Control Mode State	ON or OFF	ON: Enabled OFF: Disabled



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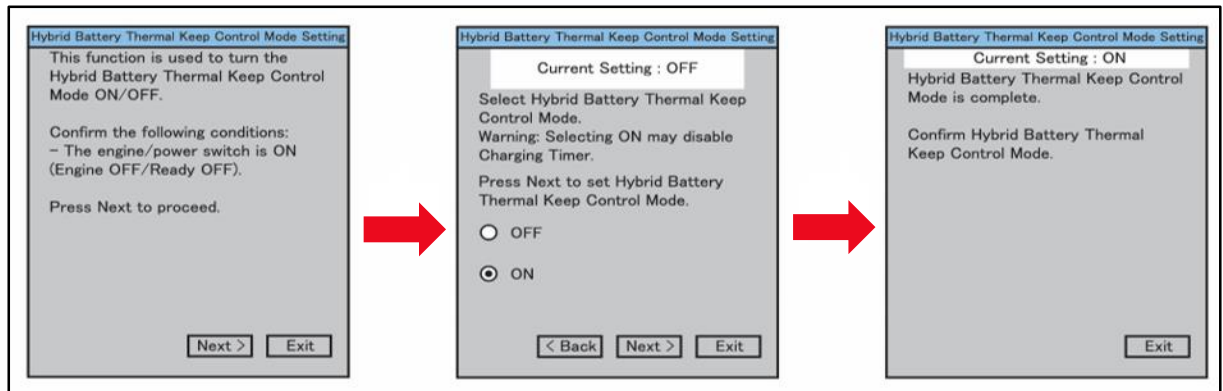
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### Enable Hybrid Battery Thermal Keep Control Mode (continued)

#### Set Hybrid Battery Thermal Keep Control Mode

1. Connect the Techstream to the DLC3.
2. Turn the power switch to IG-ON.
3. Turn the Techstream ON.
4. Enter the following menus: *Powertrain – HV Battery – Utility – Hybrid Battery Thermal Keep Control Mode.*

**Figure 5.**



5. Confirm the following message is displayed:  
“This function is used to turn the Hybrid Battery Thermal Keep Control Mode ON / OFF.”
6. Confirm that the conditions displayed on the screen are met and then press Next.

**NOTE**

The power switch is ON (Ready OFF).

7. Confirm the following message is displayed:  
“Select Hybrid Battery Thermal Keep Control Mode.”
8. Select ON and press Next.

**NOTICE**

Selecting ON may disable the charging timer.

9. Confirm the following message is displayed:  
“Hybrid Battery Thermal Keep Control Mode is complete.”

## 2022 NX 250, NX 350, NX 350h, NX 450h+ Pre-Delivery Service (PDS)

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### Navigation — “Set Date & Time by GPS”

Prior to selling a Toyota/Lexus vehicle, we are asking that dealers please confirm that they have turned the “Set time by GPS” functionality on in each vehicle. Therefore, it is necessary to turn the Set Time by GPS setting to the “ON” position.

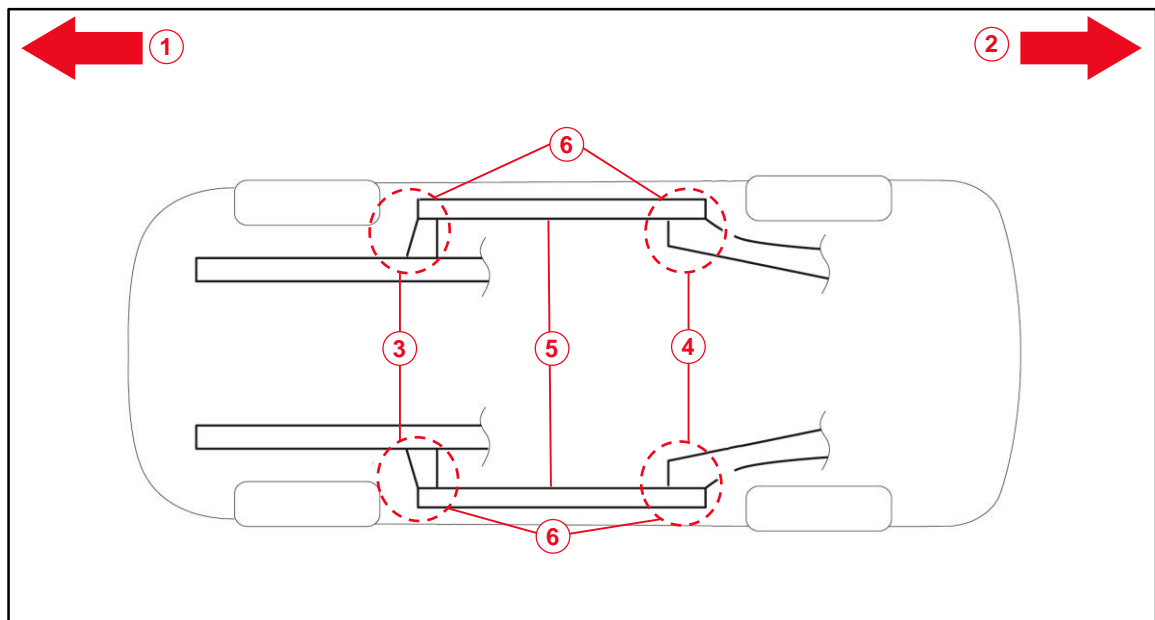
1. Turn the engine switch (power switch) to ON position (ON mode).
2. Navigate the following menus in the head unit: *Settings – General – Date & Time – Set date & time by GPS*.
3. Ensure the Set date & time by GPS function is set to the “ON” position.

## 2022 NX 250, NX 350, NX 350h, NX 450h+ Pre-Delivery Service (PDS)

### Installation of Rubber Body Plugs

1. Confirm the number of plugs in the glove box. If two plugs are present, perform substep 2A ONLY. If four plugs are present, perform substep 2A AND substep 2B.
2. Install plugs according to the following instructions by confirming the number of plugs in the glove box.
  - A. Install two plugs in the rear side member hole or rocker inner hole.
  - B. Install two plugs in the torque box hole or rocker inner hole.

**Figure 6.**



<b>1</b>	<b>Front Side</b>
<b>2</b>	<b>Rear Side</b>
<b>3</b>	<b>Torque Box Hole or Rocker Inner Hole</b>
<b>4</b>	<b>Rear Side Member Hole or Rocker Inner Hole</b>
<b>5</b>	<b>Rocker Inner</b>
<b>6</b>	<b>Install Plug Here (if Applicable)</b>

#### **NOTICE**

- The installation of these plugs is required to prevent rust.
- These plugs are stored in the glove box.
- The number of plugs may vary according to production locations in the same vehicle model.

## 2022 NX 250, NX 350, NX 350h, NX 450h+ Pre-Delivery Service (PDS)

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### Tire Pressure Warning System (TPWS) Initialization

Refer to the applicable Repair Manual for the TPWS initialization procedure ([NX 250](#) / [NX 350](#) / [NX 350h](#) / [NX 450h+](#)). 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 the 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.