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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> MAINTENANCE: FRONT DISC BRAKE PAD: REMOVAL; 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		

## REMOVAL

### CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization, or registration) that must be performed after parts are removed and installed, or replaced during front disc brake pad removal/installation are shown below.

#### Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Tires	<ul style="list-style-type: none"> <li>Initialization*1*2</li> <li>Tire Position Identification*1*2</li> </ul>	Tire Pressure Warning System	Refer to Procedures Necessary When Replacing Parts (for Tire Pressure Warning System) <a href="#">INFO</a>
	Rear television camera assembly optical axis (Back camera position setting)*3	Parking Assist Monitor System	<a href="#">INFO</a>
	Parking assist ECU initialization*3	Panoramic View Monitor System	<a href="#">INFO</a>
		Advanced Park	<a href="#">INFO</a>

\*1: Also necessary after performing a tire rotation.

\*2: It is not necessary to perform this procedure if the tire pressure warning valve and transmitters are installed to the same location.

\*3: The vehicle height changes because of tire replacement.

#### HINT:

When the cable is disconnected / reconnected to the auxiliary battery terminal, systems temporarily stop operating. However, each system has a function that completes learning the first time the system is used.

#### Items for which learning is completed by driving the vehicle

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Front Camera System	Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 seconds or more.	<a href="#">INFO</a>

#### Items for which learning is completed by operating the vehicle normally

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Power Door Lock Control System*1 <ul style="list-style-type: none"> <li>Back door opener</li> </ul>	Perform door unlock operation with door control switch or electrical key transmitter sub-assembly switch.	INFO
Power Back Door System*2	Reset back door close position	INFO
Air Conditioning System	<b>for HEV Model:</b>  After the ignition switch is turned to ON, the servo motor standard position is recognized.  <b>for PHEV Model:</b>  After the ignition switch is turned to ON, the servo motor and expansion valve standard position is recognized.	-
*1: w/o Power Back Door System  *2: w/ Power Back Door System		

## CAUTION / NOTICE / HINT

### NOTICE:

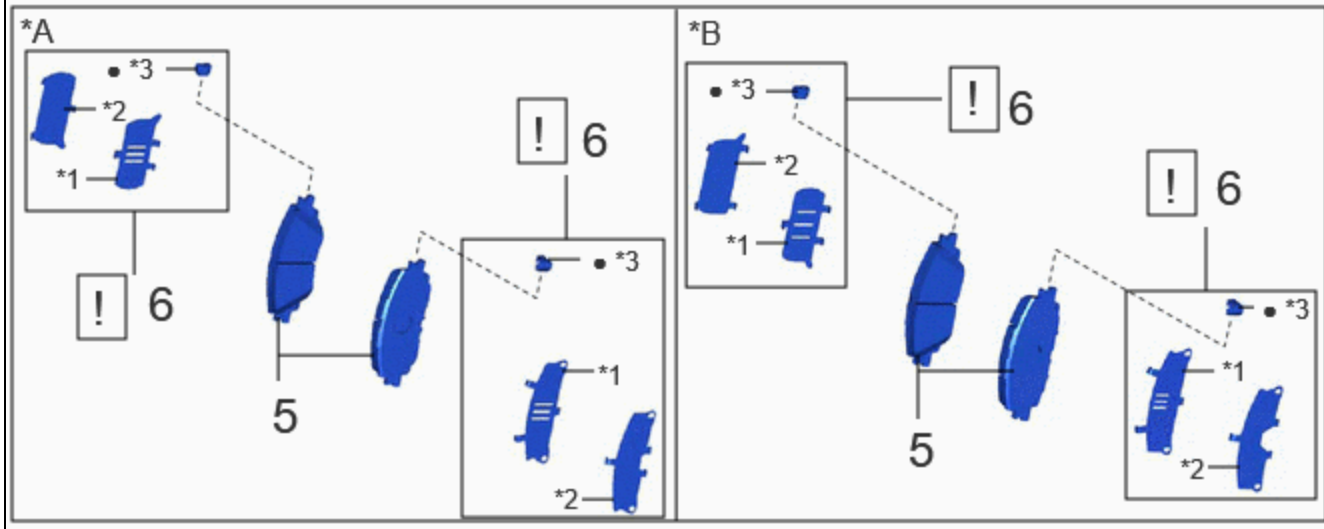
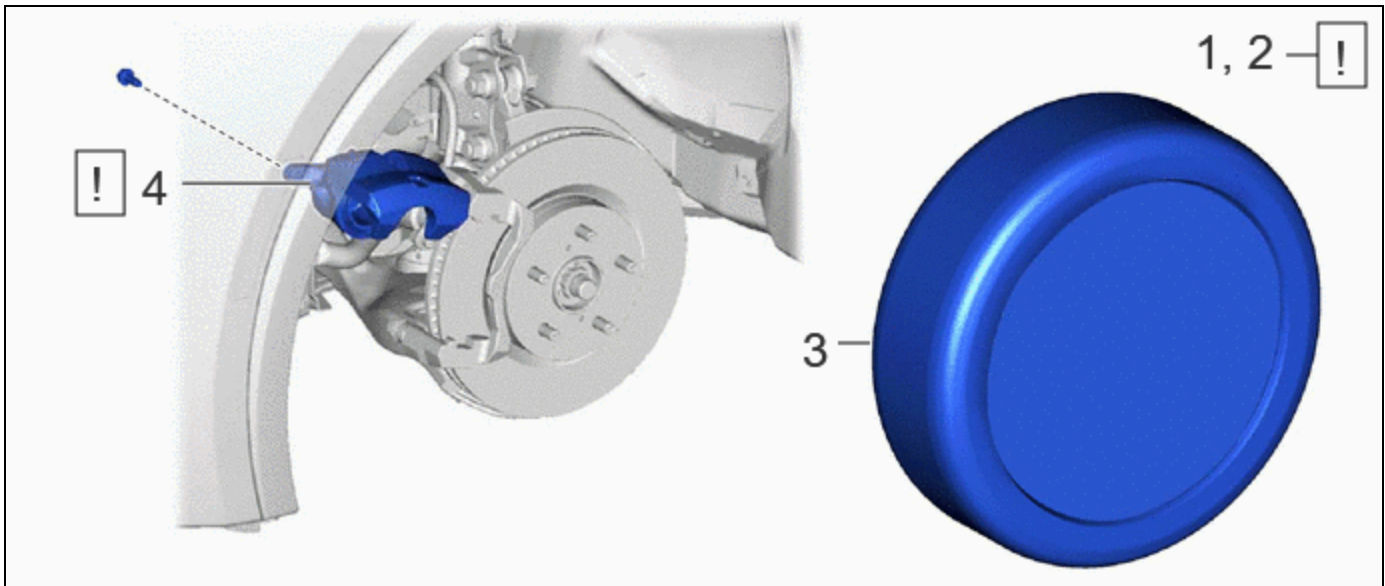
- Immediately after installing the brake pads, the braking performance may be reduced. Always perform a road test in a safe place while paying attention to the surroundings.
- After replacing the front disc brake pads, the brake pedal may feel soft due to clearance between the front disc brake pads and front disc. Depress the brake pedal several times until the brake pedal feels firm.
- After replacing the front disc brake pads, always perform a road test to check the braking performance and check for vibrations.
- While the auxiliary battery is connected, even if the ignition switch is off, the brake control system activates when the brake pedal is depressed or any door courtesy switch turns on. Therefore, when servicing the brake system components, do not operate the brake pedal or open/close the doors while the auxiliary battery is connected.
- When the brake pedal is first depressed after replacing the brake pads or pushing back the disc brake piston, DTCs may be stored. As there is no malfunction, clear the DTC.

### HINT:

- Use the same procedure for the RH side and LH side.
- The following procedure is for the LH side.

## CAUTION / NOTICE / HINT

### COMPONENTS (REMOVAL)




PROCEDURE		PART NAME CODE			
1	PRECAUTION	-	<a href="#">INFO</a>	-	-
2	DISABLE BRAKE CONTROL	-	<a href="#">INFO</a>	-	-
3	FRONT WHEEL	-	-	-	-
4	FRONT DISC BRAKE CYLINDER ASSEMBLY	-	<a href="#">INFO</a>	-	-
5	FRONT DISC BRAKE PAD	-	-	-	-
6	FRONT DISC BRAKE ANTI-SQUEAL SHIM KIT	04945	<a href="#">INFO</a>	-	-

*A	for HEV Model AWD, PHEV Model	*B	for HEV Model 2WD
*1	FRONT NO. 1 DISC BRAKE ANTI-SQUEAL SHIM	*2	FRONT NO. 2 DISC BRAKE ANTI-SQUEAL SHIM
*3	FRONT DISC BRAKE PAD WEAR INDICATOR PLATE	-	-
•	Non-reusable part	-	-

# PROCEDURE

## 1. PRECAUTION

	<p><b>NOTICE:</b></p> <p>After the ignition switch is turned off, there may be a waiting time before disconnecting the negative (-) auxiliary battery terminal.</p> <p>Click here <a href="#">INFO</a></p>
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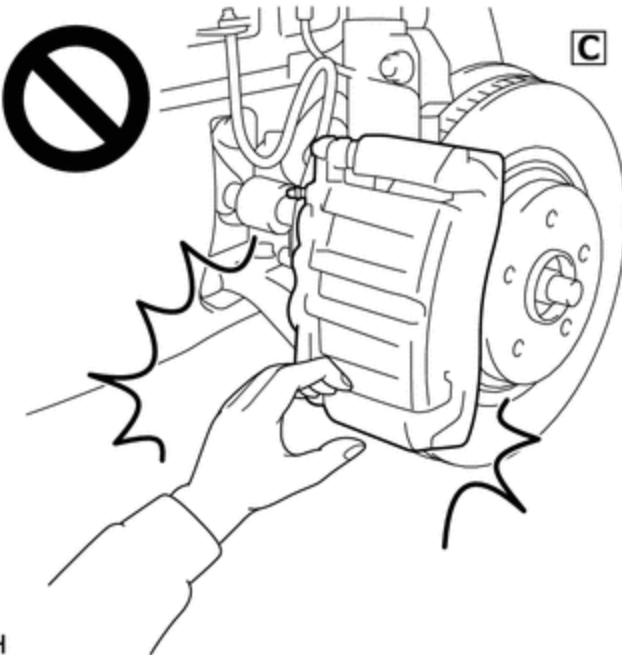
## 2. DISABLE BRAKE CONTROL

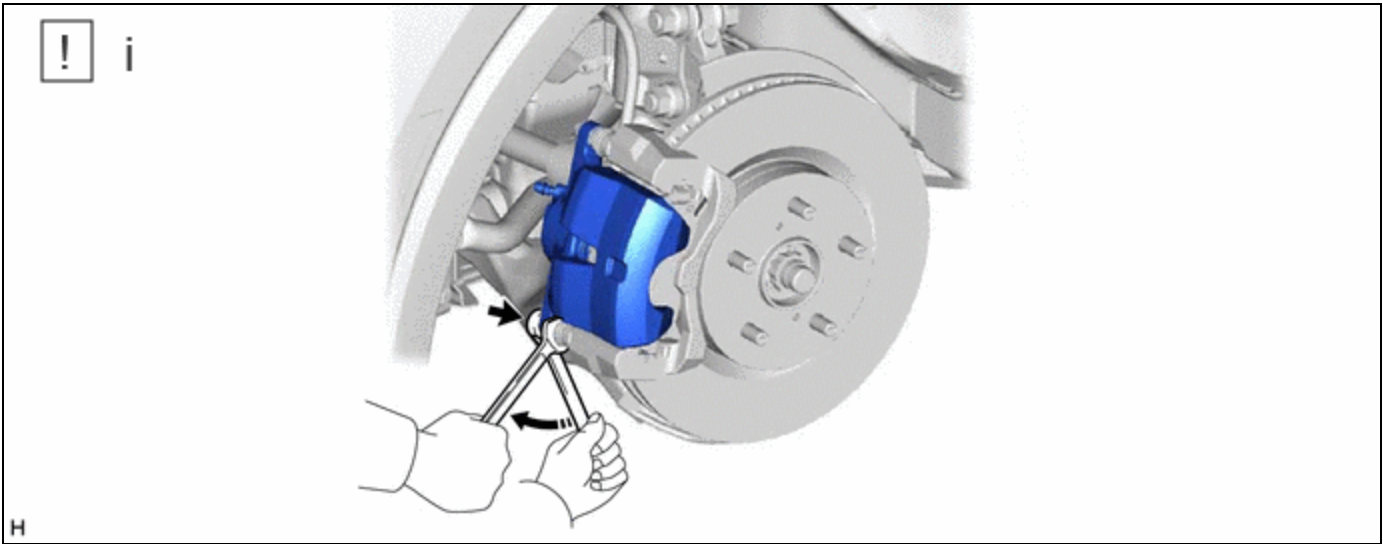
	<p>Click here <a href="#">INFO</a></p>
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## 3. REMOVE FRONT WHEEL

Click here [INFO](#)

## 4. REMOVE FRONT DISC BRAKE CYLINDER ASSEMBLY

	<p><b>CAUTION:</b></p> <ul style="list-style-type: none"><li>• Be careful not to get pinched by the front disc brake cylinder assembly or other parts when removing the front disc brake pads.</li><li>• After lifting up the front disc brake cylinder assembly, secure it in place before performing any work on it.</li><li>• The front disc brake cylinder assembly could fall, pinching hands or fingers and causing injury.</li></ul>  <p>The diagram shows a top-down view of the front disc brake assembly. A pair of hands is shown reaching towards the brake pads. A large black circle with a diagonal slash (a prohibition sign) is overlaid on the hands, indicating that the hands should not be placed in that area. The brake disc is labeled with 'C' at several points. The letter 'H' is located at the bottom left of the diagram area.</p>
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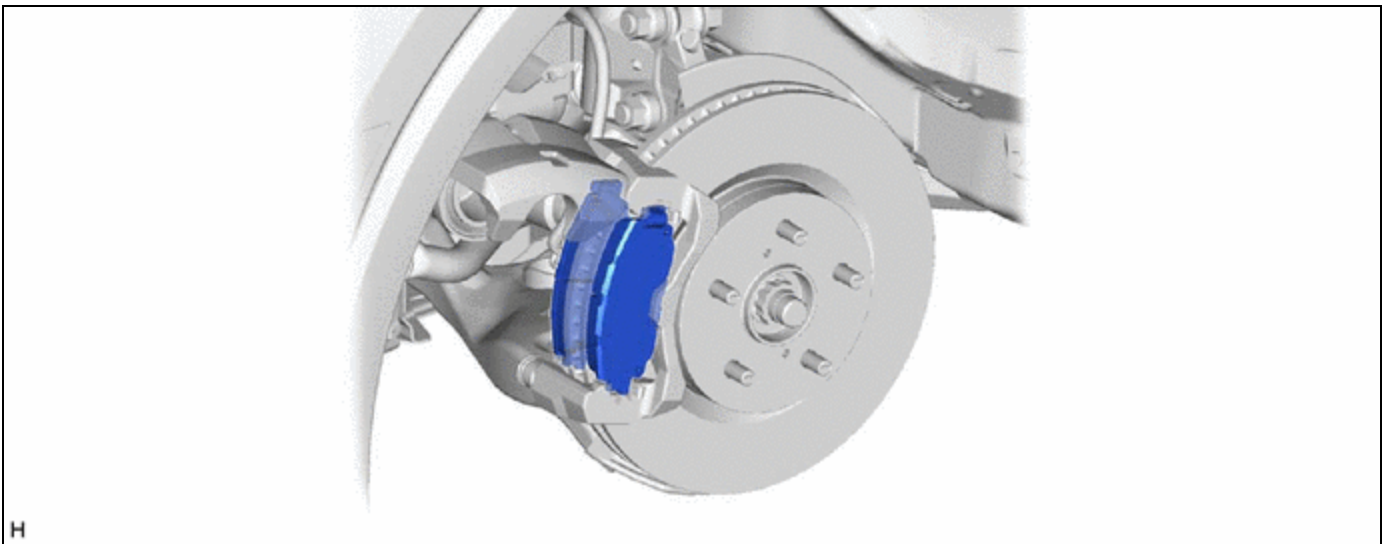


(1) Hold the front disc brake cylinder slide pin (lower side) and remove the bolt.

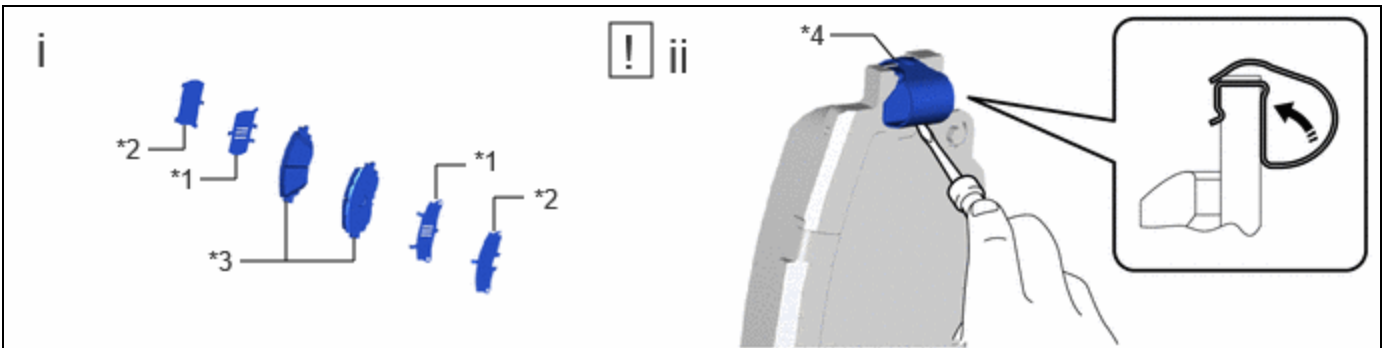
**NOTICE:**

- Do not kink or damage the brake line.

**5. REMOVE FRONT DISC BRAKE PAD**



**6. REMOVE FRONT DISC BRAKE ANTI-SQUEAL SHIM KIT**



*1	Front No. 1 Disc Brake Anti-squeal Shim	*2	Front No. 2 Disc Brake Anti-squeal Shim
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*3	Front Disc Brake Pad	*4	Front Disc Brake Pad Wear Indicator Plate
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- (1) Remove the front No. 1 disc brake anti-squeal shim and front No. 2 disc brake anti-squeal shim from each front disc brake pad.
- (2) Using a screwdriver, remove the front disc brake pad wear indicator plate from each front disc brake pad.

