

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029XUS
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: BRAKE CONTROL / DYNAMIC CONTROL SYSTEMS: FRONT SPEED SENSOR: REMOVAL; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

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 speed sensor 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"> Initialization*1*2 Tire Position Identification*1*2 	Tire Pressure Warning System	Refer to Procedures Necessary When Replacing Parts (for Tire Pressure Warning System) INFO
	Rear television camera assembly optical axis (Back camera position setting)	Parking Assist Monitor System	INFO
	Parking assist ECU initialization	Panoramic View Monitor System	INFO
		Advanced Park	INFO

*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.

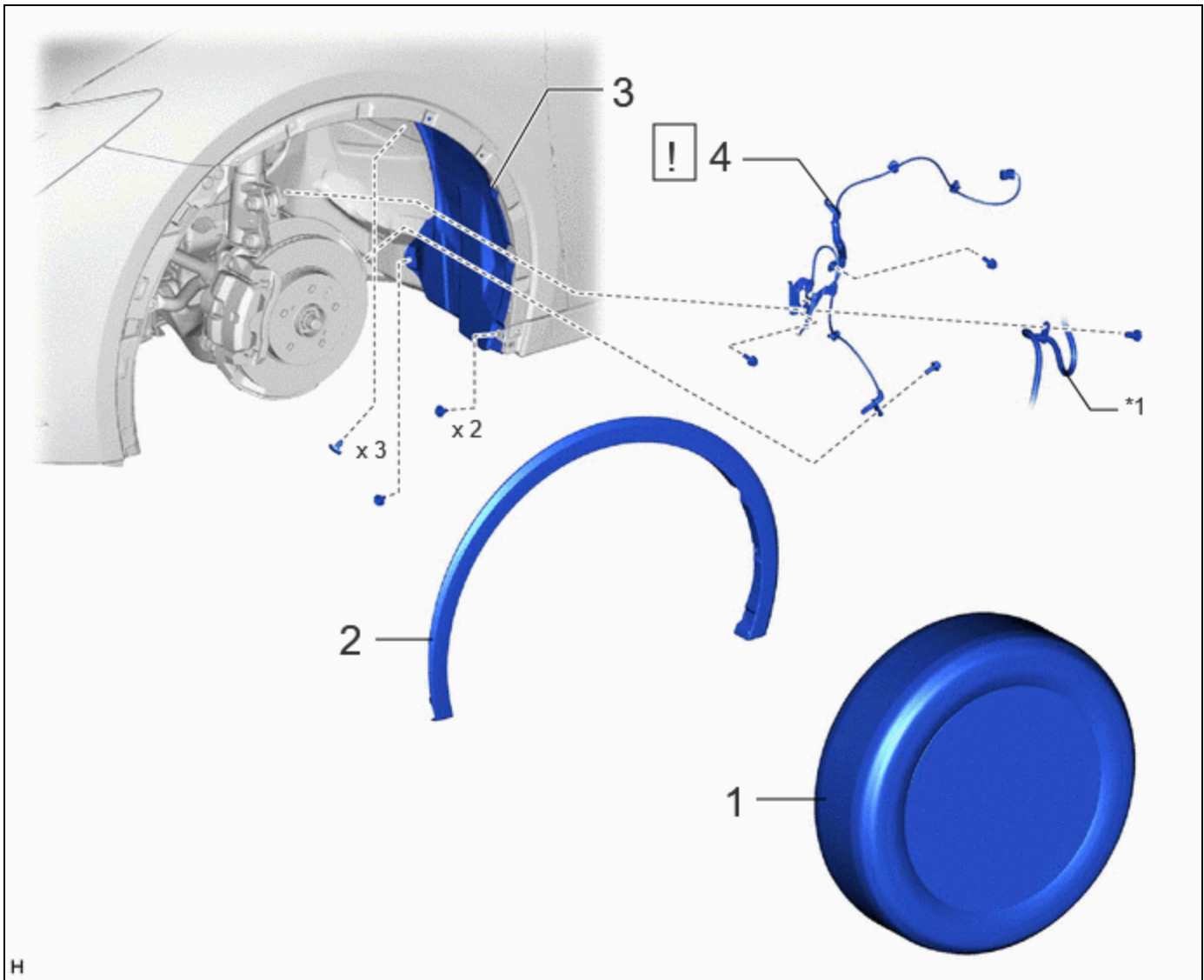
CAUTION / NOTICE / HINT

HINT:

- Use the same procedure for the RH side and LH side.
- The following procedure is for the LH side.
- The front speed sensor rotor is a component of the front axle hub sub-assembly. If the front speed sensor rotor is malfunctioning, replace the front axle hub sub-assembly.

CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)



PROCEDURE		PART NAME CODE			
1	FRONT WHEEL	-	-	-	-
2	WHEEL OPENING MOULDING	-	-	-	-
3	FRONT FENDER LINER	53876A	-	-	-
4	FRONT SPEED SENSOR	89543	INFO	-	-

*1	FRONT FLEXIBLE HOSE	-	-
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PROCEDURE

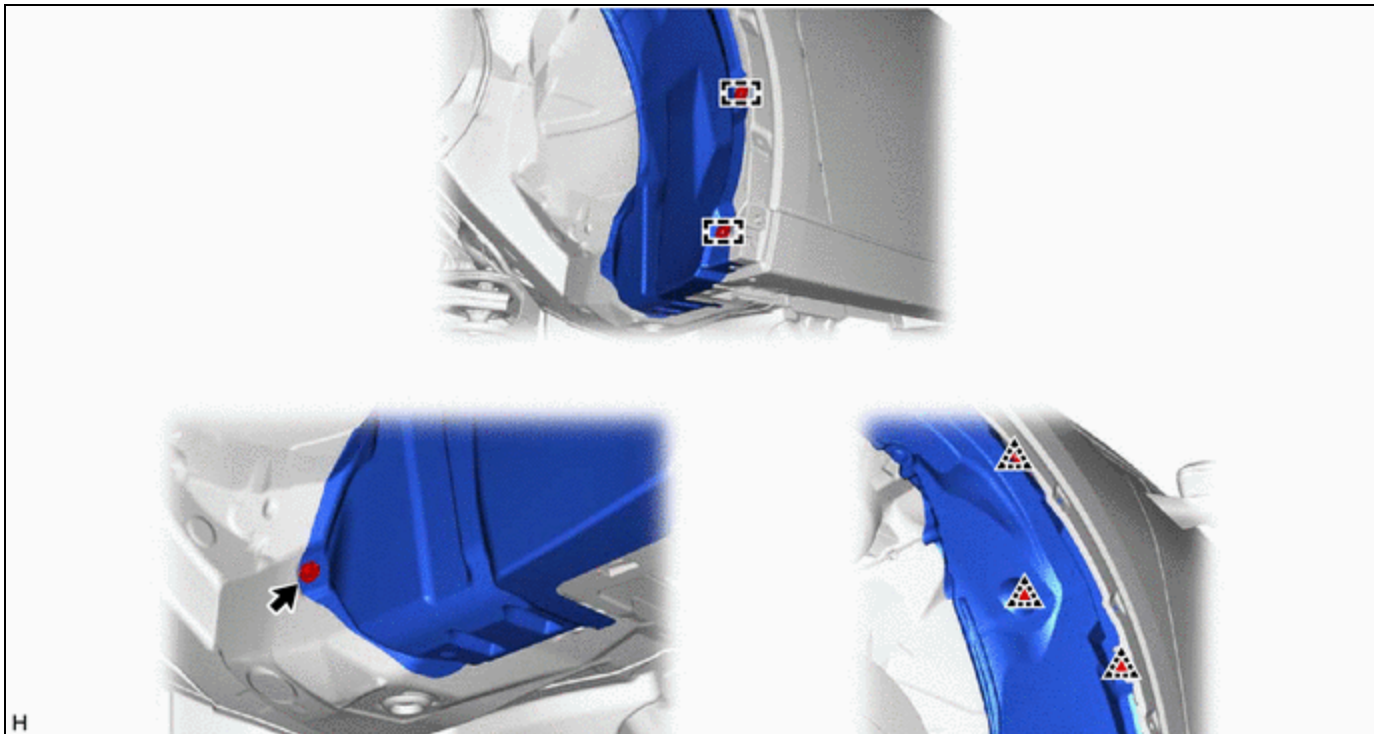
1. REMOVE FRONT WHEEL

Click here [INFO](#)

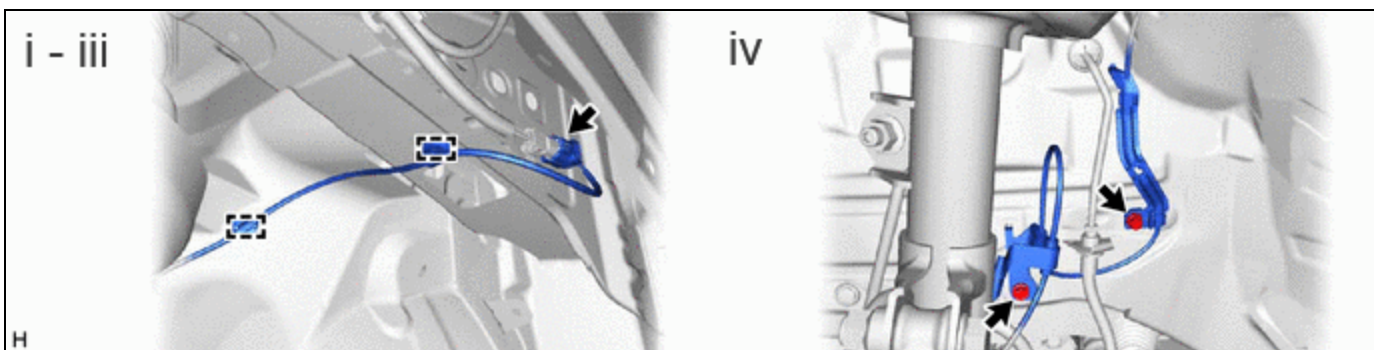
2. REMOVE WHEEL OPENING MOULDING

Click here [INFO](#)

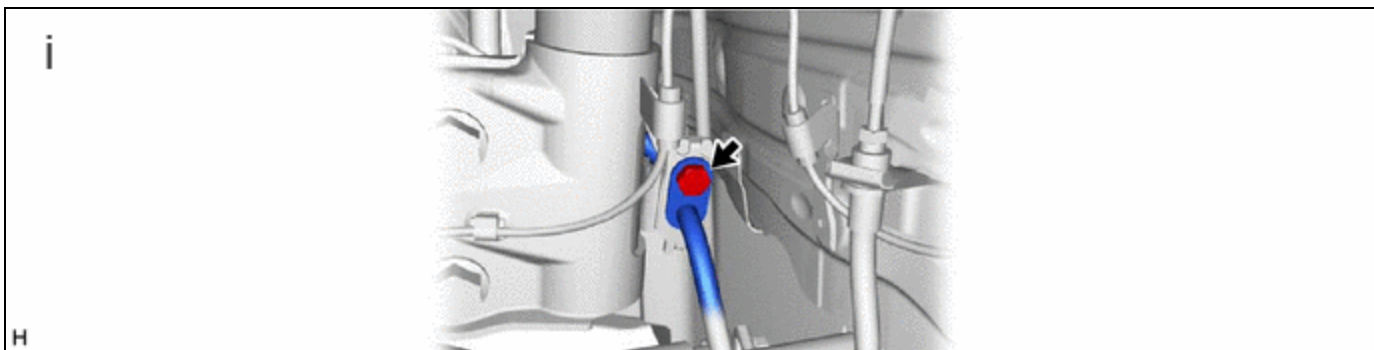
3. SEPARATE FRONT FENDER LINER



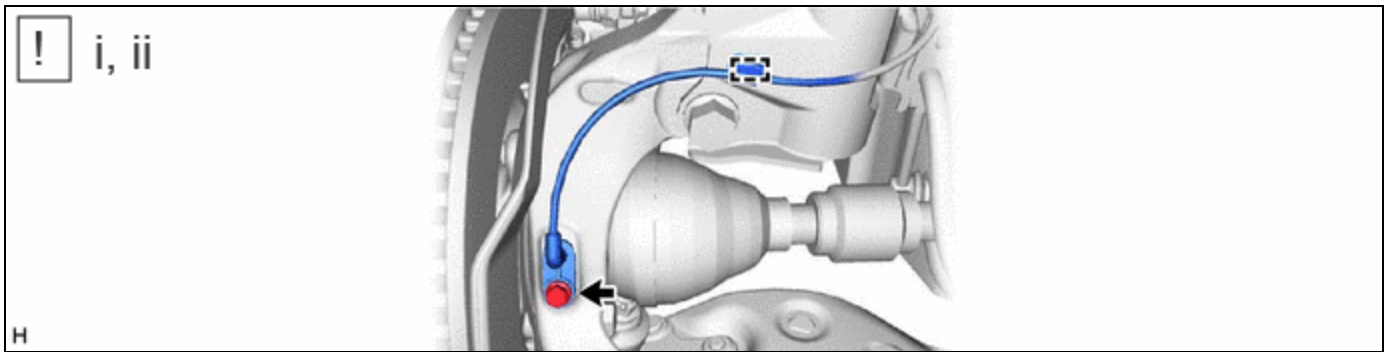
4. REMOVE FRONT SPEED SENSOR



- (1) Turn back the front fender liner.
- (2) Disconnect the connector.
- (3) Disengage the 2 clamps from the vehicle body.
- (4) Remove the 2 bolts and separate front speed sensor.



- (1) Remove the bolt and separate the front flexible hose and front speed sensor clamp from the front shock absorber assembly.



- (1) Disengage the clamp from the front shock absorber assembly.
- (2) Remove the bolt and front speed sensor from the steering knuckle.

NOTICE:

- Keep the tip of the front speed sensor and installation hole free of foreign matter.
- Do not rotate or apply excessive force to the front speed sensor when removing it from the steering knuckle. Rotating or applying excessive force may result in damage to the front speed sensor.

