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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: BRAKE CONTROL / DYNAMIC CONTROL SYSTEMS: ELECTRONICALLY CONTROLLED BRAKE SYSTEM: C051262; Right Rear Wheel Speed Sensor Signal Compare Failure; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DTC	C051262	Right Rear Wheel Speed Sensor Signal Compare Failure
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DESCRIPTION

Refer to DTC C051212.

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DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MIL	DTC OUTPUT FROM	PRIORITY	NOTE
C051262	Right Rear Wheel Speed Sensor Signal Compare Failure	Any of the following is detected: <ul style="list-style-type: none"> A lowest wheel speed is 10 km/h (6 mph) or more, the difference between the highest and lowest wheel speeds is 2 km/h (1 mph) or less, and the rotation direction of any one of the wheels is not detected for 15 seconds or more. A vehicle speed is 30 km/h (19 mph) or more and the rotation direction of one of the wheels is different from those of other 3 wheels as well as it is not detected for 1 	<ul style="list-style-type: none"> Rear speed sensor RH*1 Rear speed sensor RH (rear axle hub and bearing assembly RH)*2 	Does not come on	Brake/EPB	B	Output ECU: No. 2 skid control ECU (brake actuator assembly)

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MIL	DTC OUTPUT FROM	PRIORITY	NOTE
		second or more.					

*1: for AWD

*2: for 2WD

PROCEDURE

1.	CHECK DTC
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(a) Check the DTCs that are output.

Chassis > Brake/EPB > Trouble Codes

RESULT	PROCEED TO
Only C051262 is output	A
None of the above conditions are met	B

B  **REPAIR CIRCUITS INDICATED BY OUTPUT DTCS**

A

2.	CHECK VEHICLE
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RESULT	PROCEED TO
for 2WD	A
for AWD	B

B  **GO TO STEP 4**

A

3. REPLACE REAR AXLE HUB AND BEARING ASSEMBLY RH**HINT:**

The rear speed sensor RH and rear speed sensor rotor RH are incorporated into the rear axle hub and bearing assembly RH.

If the rear speed sensor RH and rear speed sensor rotor RH need to be replaced, replace the rear axle hub and bearing assembly RH.

Click here [INFO](#)

NEXT  **END**

4. REPLACE REAR SPEED SENSOR RH**HINT:**

Click here [INFO](#)

NEXT  **END**

