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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> BRAKE CONTROL / DYNAMIC CONTROL SYSTEMS: ELECTRONICALLY CONTROLLED BRAKE SYSTEM: C050C62; Left Rear Wheel Speed Sensor Signal Compare Failure; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

<b>DTC</b>	<b>C050C62</b>	<b>Left Rear Wheel Speed Sensor Signal Compare Failure</b>
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## DESCRIPTION

Refer to DTC C050C12.

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DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MIL	DTC OUTPUT FROM	PRIORITY	NOTE
C050C62	Left Rear Wheel Speed Sensor Signal Compare Failure	Any of the following is detected: <ul style="list-style-type: none"> <li>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.</li> <li>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</li> </ul>	<ul style="list-style-type: none"> <li>Rear speed sensor LH*1</li> <li>Rear speed sensor LH (rear axle hub and bearing assembly LH)*2</li> </ul>	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

<b>1.</b>	<b>CHECK DTC</b>
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(a) Check the DTCs that are output.

**Chassis > Brake/EPB > Trouble Codes**

RESULT	PROCEED TO
Only C050C62 is output	A
None of the above conditions are met	B

**B**  **REPAIR CIRCUITS INDICATED BY OUTPUT DTCS**

**A**



<b>2.</b>	<b>CHECK VEHICLE</b>
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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 LH****HINT:**

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

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

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**NEXT**  **END**

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

Click here [INFO](#)

**NEXT**  **END**

