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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: Brake Hold Operated Indicator Light Circuit; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

Brake Hold Operated Indicator Light Circuit

DESCRIPTION

The brake hold operated indicator light illuminates when the brake hold system is operating (vehicle stopped due to brake fluid pressure hold) and turns off when the brake hold system operation is finished (brake fluid pressure decreases).

The brake hold system may not operate depending on vehicle conditions even when the system is in standby mode and the brake hold standby indicator light is illuminated.

If there is a system malfunction that causes brake hold control to be prohibited, when the vehicle is under the following conditions and the brake hold switch (electric parking brake switch assembly) is pressed, the brake hold operated indicator light blinks.

Vehicle Conditions:

- a. The driver door is closed.
- b. The driver seat belt is fastened.

HINT:

- When the ignition switch is turned off during brake hold operation, control stops.
- If brake hold control does not operate even when the vehicle stops, depress the brake pedal again firmly to stop the vehicle.

If brake hold control still does not operate, confirm the conditions for brake hold control to operate.

PROCEDURE

1. PRE-CHECK

(a) Check that the brake hold standby indicator light operates normally.

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(b) If the brake hold operated indicator light does not illuminate even though the brake hold standby indicator light is illuminated, check that the following brake hold operation (brake fluid pressure is being maintained) conditions are met.

1. System is in operation standby state (brake hold standby indicator light is illuminated).
2. Shift position is not P or R.
3. Driver is depressing brake pedal and vehicle is fully stopped.
4. Driver is not depressing accelerator pedal.
5. Vehicle is not on steep decline.
6. The parking brake is not engaged.

HINT:

If a malfunction occurs in one of the following systems, the brake hold operated indicator light will blink. If this occurs, perform troubleshooting on the malfunctioning system.

- Electronically controlled brake system
- Electric parking brake system
- Hybrid control system

NEXT  **INSPECT METER / GAUGE SYSTEM** 

