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|---|---------------------------|--------------------------------------|
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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> HYBRID / BATTERY CONTROL: HYBRID CONTROL SYSTEM (for M20A-FXS): P057113; Brake Switch "A" Circuit Open; 2023 - 2024 MY Prius Prius Prime [12/2022 - ] |                           |                                      |

|            |                |                                      |
|------------|----------------|--------------------------------------|
| <b>DTC</b> | <b>P057113</b> | <b>Brake Switch "A" Circuit Open</b> |
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## DESCRIPTION

When the brakes are applied by the dynamic radar cruise control system, the skid control ECU (brake booster with master cylinder assembly) operates the stop light switch assembly (stop light control relay) to illuminate the stop lights.

If the hybrid vehicle control ECU receives a signal from the skid control ECU (brake booster with master cylinder assembly) indicating a malfunction of the stop light control relay, DTC P057113 is stored.

| DTC NO. | DETECTION ITEM                | DTC DETECTION CONDITION  | TROUBLE AREA                           | MIL              | WARNING INDICATE                 | DTC OUTPUT FROM | PRIORITY | NOTE            |
|---------|-------------------------------|--|--|------------------|----------------------------------|-----------------|----------|-----------------|
| P057113 | Brake Switch "A" Circuit Open | When the dynamic radar cruise control system is operating, the hybrid vehicle control ECU detects a signal indicating a stop light control relay malfunction from the skid control ECU (brake booster with master cylinder assembly) for approximately 1 second or more.<br><br>(1 trip detection logic) | Electronically controlled brake system | Does not come on | Master Warning: Does not come on | Hybrid Control  | A        | SAE Code: P0571 |

## PROCEDURE

|           |   |
|-----------|---|
| <b>1.</b> | <b>GO TO ELECTRONICALLY CONTROLLED BRAKE SYSTEM</b> |
|-----------|---|

### **HINT:**

If DTC P057113 is output by the dynamic radar cruise control system, perform troubleshooting for the electronically controlled brake system first.

Click here [INFO](#)

**NEXT**  **END**

