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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: C134554; Linear Solenoid Valve Offset Learning Missing Calibration; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DTC	C134554	Linear Solenoid Valve Offset Learning Missing Calibration
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DESCRIPTION

Refer to DTC C134500.

Click here [INFO](#)

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MIL	DTC OUTPUT FROM	PRIORITY	NOTE
C134554	Linear Solenoid Valve Offset Learning Missing Calibration	The linear solenoid valve offset learning value cannot be obtained.	<ul style="list-style-type: none"> Perform linear solenoid valve offset learning and check for DTCs. If no DTCs are output again, the valve is normal. No. 1 skid control ECU (brake booster with master cylinder assembly) 	Does not come on	Brake Booster	B	Output ECU: No. 1 skid control ECU (brake booster with master cylinder assembly)

PROCEDURE

1.	CHECK DTC
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(a) Check that no DTCs other than those related to incomplete learning are output.

Chassis > Brake Booster > Trouble Codes

Chassis > Brake/EPB > Trouble Codes

OK:

DTCs other than those related to incomplete learning are not output.

NG  **REPAIR CIRCUITS INDICATED BY OUTPUT DTCs**

OK



2. PERFORM AIR BLEEDING

(a) Perform the air bleeding procedure in Bleed Brake System.

HINT:

[Click here](#) **INFO**

NEXT



3. PERFORM LINEAR SOLENOID VALVE OFFSET LEARNING

HINT:

[Click here](#) **INFO**

NOTICE:

If DTC C134554 is output, turn the ignition switch off for 4 minutes or more, turn the ignition switch to ON again, and then clear the DTC before performing learning

Chassis > Brake/EPB > Utility

TESTER DISPLAY
Calibration

NEXT



4. CLEAR DTC

Pre-procedure1

(a) None

Procedure1

(b) Clear the DTCs.

Chassis > Brake Booster > Clear DTCs

Post-procedure1

(c) Turn the ignition switch off.

NEXT**5. RECONFIRM DTC**

Pre-procedure1

- (a) Based on the Freeze Frame Data and interview with the customer, attempt to reproduce the conditions when the malfunction occurred.

Procedure1

- (b) Check if the same DTC is output.

Chassis > Brake Booster > Trouble Codes

RESULT	PROCEED TO
C134554 is not output	A
C134554 is output	B

Post-procedure1

- (c) None

A **END****B** **REPLACE BRAKE BOOSTER WITH MASTER CYLINDER ASSEMBLY**

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