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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> POWER ASSIST SYSTEMS: POWER STEERING ECU: POWER STEERING ECU INITIAL SETTING; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## POWER STEERING ECU INITIAL SETTING

### PROCEDURE

#### 1. POWER STEERING ECU INITIAL SETTING (TORQUE SENSOR ZERO POINT CALIBRATION AND ASSIST MAP WRITING)

##### NOTICE:

If any of the following conditions are met, perform Power Steering ECU Initial Setting (torque sensor zero point calibration and assist map writing):

- The power steering ECU assembly has been replaced.
- The electric power steering column sub-assembly has been replaced.
- There is a difference in steering effort between turning left and right.

(a) Perform Power Steering ECU Initial Setting (torque sensor zero point calibration and assist map writing).

(1) Align the front wheels straight ahead and center the steering wheel.

(2) Turn the ignition switch off.

(3) Connect the GTS to the DLC3.

(4) Turn the ignition switch to ON.

(5) Turn the GTS on.

(6) Enter the following menus: Chassis / EMPS / Utility / Power Steering ECU Initial Setting.

##### Chassis > EMPS > Utility

TESTER DISPLAY
Power Steering ECU Initial Setting

##### NOTICE:

- Do not turn the steering wheel sharply.
- During the torque sensor zero point calibration the steering wheel will shudder. Do not touch the steering wheel until at least 3 seconds have elapsed after the shuddering has stopped.

(7) Check for RoBs.

Click here [INFO](#)

##### Chassis > EMPS > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

##### NOTICE:

When Power Steering ECU Initial Setting (torque sensor zero point calibration and assist map writing) are completed, make sure to check for vehicle control history (RoB).

