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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> POWER ASSIST SYSTEMS: POWER STEERING SYSTEM: PROBLEM SYMPTOMS TABLE; 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		

## PROBLEM SYMPTOMS TABLE

**HINT:**

- Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, the potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table.
- Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.
- Inspect the fuses and relays related to this system before inspecting the suspected areas below.

### Power Steering System

SYMPTOM	SUSPECTED AREA	LINK
Heavy steering	Front tires (improperly inflated, unevenly worn)	<a href="#">INFO</a>
	Front wheel alignment (incorrect)	<a href="#">INFO</a>
	Front suspension (Lower ball joint)	<a href="#">INFO</a>
	Steering gear assembly	<a href="#">INFO</a>
	Auxiliary battery and power source circuit (for M20A-FXS)	<a href="#">INFO</a>
	Auxiliary battery and power source circuit (for 2ZR-FXE)	<a href="#">INFO</a>
	Power source voltage of power steering ECU assembly	<a href="#">INFO</a>
	Power steering ECU assembly	<a href="#">INFO</a>
	Vehicle condition (Steering wheel is turned from left to right repeatedly with vehicle stopped or heavy load is continuously applied to vehicle)	<a href="#">INFO</a>
Heavy Steering (EPS Warning Light (Yellow))	Heavy Steering Feel (EPS Warning Light (Yellow))	<a href="#">INFO</a>
Steering effort differs between right and left or is uneven	Front tires (improperly inflated, unevenly worn)	<a href="#">INFO</a>

SYMPTOM	SUSPECTED AREA	LINK
	Front wheel alignment (incorrect)	<a href="#">INFO</a>
	Front suspension (Lower ball joint)	<a href="#">INFO</a>
	Steering gear assembly	<a href="#">INFO</a>
	Torque sensor (Electric power steering column sub-assembly)	<a href="#">INFO</a>
	Electric power steering column sub-assembly	<a href="#">INFO</a>
	Power steering ECU assembly	<a href="#">INFO</a>
While driving, steering effort does not change in accordance with vehicle speed, or steering wheel does not return to its centered position easily	No.2 skid control ECU (Brake actuator assembly)	<a href="#">INFO</a>
	Speed sensor	<a href="#">INFO</a>
	Torque sensor (Electric power steering column sub-assembly)	<a href="#">INFO</a>
	Power steering ECU assembly	<a href="#">INFO</a>
	CAN communication system (for HEV Model)	<a href="#">INFO</a>
	CAN communication system (for PHEV Model)	<a href="#">INFO</a>
Friction sounds occur when turning steering wheel during low speed driving	Power steering motor (Power steering ECU assembly)	<a href="#">INFO</a>
	Electric power steering column sub-assembly	<a href="#">INFO</a>
	Spiral with cable sensor sub-assembly	<a href="#">INFO</a>
	Steering column cover contacting steering wheel assembly	<a href="#">INFO</a>
High-pitched sound (squeaking) occurs when turning steering wheel slowly with vehicle stopped	Power steering motor (Power steering ECU assembly)	<a href="#">INFO</a>
	Steering wheel installation (incorrect)	<a href="#">INFO</a>

SYMPTOM	SUSPECTED AREA	LINK
Steering wheel vibrates and noise occurs when turning steering wheel from lock to lock	Power steering motor (Power steering ECU assembly)	<a href="#">INFO</a>
	Electric power steering column sub-assembly	<a href="#">INFO</a>
	Steering wheel installation (incorrect)	<a href="#">INFO</a>
Drive mode does not change (w/ Drive mode select switch)	Drive mode select switch circuit (for PHEV Model)	<a href="#">INFO</a>
	Drive mode select switch circuit (for 2ZR-FXE)	<a href="#">INFO</a>
	Drive mode select switch circuit (for M20A-FXS)	<a href="#">INFO</a>
EPS warning light remains on	EPS warning light circuit	<a href="#">INFO</a>
Abnormal feel at steering end position	Refer to "Abnormal Feel at Steering End Position"	<a href="#">INFO</a>

