

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002AEH9
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: SPECIFICATIONS: AXLE AND DIFFERENTIAL: TORQUE SPECIFICATIONS; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

TORQUE SPECIFICATIONS

FRONT AXLE HUB BOLT

PART TIGHTENED	N*M	KGF*CM	FT.*LBF
Steering knuckle x Front disc brake caliper assembly	107	1091	79

FRONT AXLE HUB

PART TIGHTENED	N*M	KGF*CM	FT.*LBF	IN.*LBF
Steering knuckle x Front axle hub sub-assembly and front disc brake dust cover	130	1326	96	
Front axle assembly x Front shock absorber assembly	270	2753	199	
Front lower No. 1 suspension arm sub-assembly x Front lower ball joint assembly	89	908	66	
Front drive shaft assembly x Front axle shaft nut	216	2203	159	
Front speed sensor and front flexible hose x Front shock absorber assembly	29	296	21	
Steering knuckle x Front speed sensor	8.5	87		75

STEERING KNUCKLE

PART TIGHTENED	N*M	KGF*CM	FT.*LBF
Steering knuckle x Front axle hub sub-assembly and front disc brake dust cover	130	1326	96

REAR AXLE HUB BOLT

PART TIGHTENED	N*M	KGF*CM	FT.*LBF
Rear axle carrier sub-assembly x Rear disc brake caliper assembly	107	1091	79

REAR AXLE HUB

PART TIGHTENED	N*M	KGF*CM	FT.*LBF	IN.*LBF
Rear axle hub and bearing assembly and rear disc brake dust cover sub-assembly x Rear axle carrier sub-assembly	90	918	66	
Rear drive shaft assembly x Rear axle shaft nut	216	2203	159	
Rear skid control sensor x Rear axle carrier sub-assembly	8.5	87		75

REAR AXLE CARRIER

PART TIGHTENED	N*M	KGF*CM	FT.*LBF	
Rear trailing arm assembly x Rear axle carrier sub-assembly	150	1530	111	
Rear trailing arm assembly x Rear axle carrier sub-assembly	w/o Stabilizer Bar	79	806	58
No. 4 flexible hose bracket x Rear axle carrier sub-assembly	29	296	21	
Rear axle carrier sub-assembly x Rear upper control arm assembly	73	744	54	
Rear flexible hose x No. 4 flexible hose bracket	29	296	21	
Rear trailing arm assembly x No. 2 parking brake wire assembly	15.5	158	11	
Rear drive shaft assembly x Rear axle shaft nut	216	2203	159	

