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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: SPECIFICATIONS: FRONT SUSPENSION: TORQUE SPECIFICATIONS; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

TORQUE SPECIFICATIONS

FRONT SHOCK ABSORBER

PART TIGHTENED	N*M	KGF*CM	FT.*LBF
Front support to front shock absorber nut x Front shock absorber assembly	47	479	35
Front shock absorber with coil spring x Vehicle body	50	510	37
Front shock absorber with coil spring x Steering knuckle	270	2753	199
Front speed sensor and Front flexible hose x Front shock absorber assembly	29	296	21
Front shock absorber with coil spring x Front stabilizer link assembly	74	755	55
Outer cowl top panel x Vehicle body	Nut	50	510
	Bolt	12	122

FRONT LOWER SUSPENSION ARM

PART TIGHTENED	N*M	KGF*CM	FT.*LBF
Front lower No. 1 suspension arm sub-assembly x Front lower ball joint assembly	89	908	66

FRONT LOWER BALL JOINT

PART TIGHTENED	N*M	KGF*CM	FT.*LBF
Front Lower Ball Joint Assembly x Front axle assembly	133	1356	98

FRONT STABILIZER BAR

PART TIGHTENED	N*M	KGF*CM	FT.*LBF
Front stabilizer bar x Front suspension crossmember sub-assembly	103	1050	76
Front stabilizer bar x Front stabilizer link assembly	74	755	55

FRONT SUSPENSION MEMBER

PART TIGHTENED		N*M	KGF*CM	FT.*LBF	IN.*LBF
Engine moving control rod x Front suspension crossmember sub-assembly		200	2039	148	
Engine moving control rod x No. 2 engine moving control rod		170	1734	125	
Front suspension crossmember sub-assembly x Vehicle body	Bolt (A)	141	1438	104	
	Bolt (B)	32	326	24	
	Bolt (C)	12	122	9	
Tie rod end sub-assembly x Front axle assembly		49	500	36	
Front lower No. 1 suspension arm subassembly x Front suspension crossmember sub-assembly	Bolt (A)	with SST	180	1835	133
		without SST	240	2447	177
	Bolt (B)	125	1275	92	
No. 2 engine under cover x Front suspension crossmember sub-assembly		48.5	495	36	
No. 2 crossmember gusset x Front suspension crossmember sub-assembly and Vehicle body (Bolt (A))		72	734	53	
No. 2 crossmember gusset x Vehicle body (Bolt (B))		7.5	76		66
Wire harness clamp bracket x Front suspension crossmember sub-assembly		13	133	10	

