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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: SPECIFICATIONS: M20A-FXS INTAKE / EXHAUST: TORQUE SPECIFICATIONS; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

TORQUE SPECIFICATIONS

INTAKE MANIFOLD

PART TIGHTENED	N*M	KGF*CM	FT.*LBF	IN.*LBF
Intake manifold x Cylinder head sub-assembly	24	245	18	
No. 2 fuel delivery guard x Cylinder head sub-assembly	24	245	18	
Intake manifold stay x Cylinder block	21	214	15	
Intake manifold stay x Intake manifold	10	102	7	
Wiring harness clamp bracket x Intake manifold	10	102	7	
No. 3 water by-pass pipe x Intake manifold	10	102	7	
Engine wire x Engine assembly	10	102	7	
No. 1 air cleaner inlet x Upper radiator support sub-assembly	4.0	41		35

EXHAUST MANIFOLD

PART TIGHTENED	N*M	KGF*CM	FT.*LBF	IN.*LBF
No. 2 exhaust manifold heat insulator x Exhaust manifold	10	102	7	
Exhaust manifold x Cylinder head sub-assembly	26	265	19	
Manifold stay x Exhaust manifold and cylinder block sub-assembly	43	438	32	
No. 1 exhaust manifold heat insulator x Exhaust manifold	without union nut wrench	10	102	7
	with union nut wrench	8.8	90	78
Front No. 1 floor heat insulator x Vehicle body	5.0	51		44

PART TIGHTENED	N*M	KGF*CM	FT.*LBF	IN.*LBF
Front exhaust pipe assembly x Exhaust manifold	43	438	32	
Front exhaust pipe assembly x Tail exhaust pipe assembly	43	438	32	
Front floor center brace x Vehicle body	27	275	20	
Front floor cover RH x Vehicle body	7.5	76		66
Front floor cover LH x Vehicle body	7.5	76		66
Dash panel heat insulator x Bracket	5.0	51		44

EXHAUST PIPE

PART TIGHTENED	N*M	KGF*CM	FT.*LBF
Front exhaust pipe assembly x Exhaust manifold	43	438	32
Tail exhaust pipe assembly x Front exhaust pipe assembly	43	438	32

