

SUSPENSION

Suspension System (Service Specifications) - Sienna

FRONT SUSPENSION

SERVICE DATA

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Front lower ball joint turning torque	0.7 to 4.5 N*m (7 to 46 kgf*cm, 6.2 to 40 in.*lbf)
Front stabilizer link ball joint turning torque	0.05 to 1.96 N*m (0.5 to 20 kgf*cm, 0.4 to 17 in.*lbf)

TORQUE SPECIFICATIONS

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Part Tightened		N*m	kgf*cm	ft.*lbf
Front shock absorber with coil spring x Body		90	918	66
Front shock absorber assembly x Steering knuckle		250	2549	184
Front stabilizer link assembly x Front shock absorber assembly		74	755	55
Front flexible hose x Front shock absorber assembly		19	192	14
Cowl panel sub-assembly x Body		5.5	56	49 in.*lbf
Front suspension support nut x Piston rod		70	714	52
Front wheel		103	1050	76
Front lower suspension arm sub-assembly x Front frame assembly	Bolt 1, 2	200	2039	148
	Bolt 3	140	1428	103
Front lower ball joint assembly x Steering knuckle		123	1254	91
Front No. 1 stabilizer bracket x Front frame assembly		30	306	22
Front stabilizer link assembly x Front stabilizer bar		74	755	55
Front suspension member dynamic damper x Front frame assembly (for 2WD)		29	296	21
Rear engine mounting insulator assembly x Front frame assembly (for AWD)		52	530	38
Engine mounting insulator RH x Front frame assembly		87	887	64

Engine mounting insulator LH x Front frame assembly	87	887	64
Front engine mounting insulator assembly x Front frame assembly	52	530	38