

**AXLE****SERVICE DATA**

Front axle hub bearing deviation	Maximum	0.05 mm (0.0020 in.)
Front axle hub bearing runout	Maximum	0.05 mm (0.0020 in.)
Rear axle hub bearing deviation	Maximum	0.05 mm (0.0020 in.)
Rear axle hub and bearing runout	Maximum	0.05 mm (0.0020 in.)
Rear axle shaft runout	Maximum	1.5 mm (0.0591 in.)
Rear axle shaft flange runout	Maximum	0.05 mm (0.0020 in.)

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## TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft.*lbf
Front wheel	113	1,152	83
Battery negative terminal x Battery	3.9	40	35 in.*lbf
Steering knuckle x Front disc dust cover	8.3	85	73 in.*lbf
Steering knuckle x Front axle hub	199	2,029	147
Front suspension upper arm x Steering knuckle	110	1,122	81
Front lower ball joint attachment x Steering knuckle	160	1,631	118
Tie rod end sub-assembly x Steering knuckle (2WD)	49	500	36
Front disc brake caliper assembly x Steering knuckle (2WD)	108	1,101	80
Front flexible hose x Front disc brake caliper assembly	30	306	22
Front flexible hose x Shock absorber assembly front	32	326	24
Front speed sensor x Steering knuckle	8.3	85	73 in.*lbf
Skid control sensor wire x Steering knuckle	5.0	51	44 in.*lbf
Skid control sensor wire x Front suspension upper arm	5.0	51	44 in.*lbf
Front axle hub x Steering knuckle	80	816	59
Front wheel adjusting nut x Steering knuckle	275	2,804	203
Tie rod end sub-assembly x Steering knuckle (4WD and Pre-Runner)	91	928	67
Front stabilizer link assembly x Steering knuckle	70	714	52
Front axle hub nut x Front drive shaft	235	2,396	173
Front disc brake caliper assembly x Steering knuckle (4WD and Pre-Runner)	123	1,254	91
Brake tube bracket x Steering knuckle	29	296	21
Brake tube x Front disc brake caliper assembly	15	155	11
Front speed sensor harness bracket x Steering knuckle	13	133	10
Front speed sensor x Steering knuckle	8.3	85	73 in.*lbf
Rear wheel	113	1,152	83
Rear axle shaft with backing plate x Rear axle housing	36	367	27
Rear brake tube No. 8 x Rear wheel brake cylinder	15	155	11
Parking brake cable assembly No. 3 x Backing plate	8.0	82	71 in.*lbf

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