

## TORQUE SPECIFICATION

Part tightened	N·m	kgf·cm	ft·lbf
FRONT			
Hub bolt	103	1,050	76
Lower suspension arm x Body (Camber adjusting cam nut)	251	2,560	185
Suspension member brace x Body	39	400	29
Strut bar x Strut bar bracket (Caster adjusting cam nut)	181	1,850	134
Rack end x Tie rod end	56	570	41
Brake caliper x Steering knuckle	118	1,200	87
Brake disc x Axle hub	5.0	55	48 in.·lbf
ABS speed sensor installation bolt	7.8	80	69 in.·lbf
ABS speed sensor wire harness installation bolt	7.8	80	69 in.·lbf
Lower ball joint x Steering knuckle	113	1,150	83
Steering knuckle x Upper suspension arm	65	660	48
Dust cover x Steering knuckle	8.4	85	74 in.·lbf
Axle hub lock nut	199	2,030	147
Height control sensor link x Shock absorber lower bracket	5.0	55	48 in.·lbf
Shock absorber x Shock absorber lower bracket	157	1,600	116
Suspension support x Piston rod	28	280	20
Suspension support x Body	58	590	43
Pneumatic cylinder x Shock absorber lower bracket	157	1,600	116
Air tube x Pneumatic cylinder	17	175	13
Actuator cover nut	58	590	43
Actuator x Pneumatic cylinder	7.8	80	69 in.·lbf
Suspension support x Pneumatic cylinder	36	370	27
Shock absorber lower bracket set bolt	A	59	43
	B	113	83
Strut bar x Lower suspension arm	164	1,670	121
Upper suspension arm x Body	113	1,150	83
Tie rod end x Lower ball joint	59	600	43
Lower ball joint x Lower suspension arm	152	1,550	112
Stabilizer bar link nut	95	970	70
Stabilizer bar bracket x Body	28	290	21
Strut bar bracket x Body	72	730	53
Height control compressor bracket x Body	19	195	14
Height control compressor x Dryer	6.4	65	56 in.·lbf
Height control compressor x Bracket	5.9	60	52 in.·lbf
Height control valve x Body	5.4	55	48 in.·lbf

## SERVICE SPECIFICATIONS – SUSPENSION AND AXLE

Part tightened	N-m	kgf-cm	ft-lbf
REAR			
Hub nut	103	1,050	76
Height control sensor link x No.1 lower suspension arm	5.0	55	48 in.·lbf
Brake caliper x Axle carrier	104	1,065	77
Brake disc x Axle hub	5.0	55	48 in.·lbf
ABS speed sensor installation bolt	7.8	80	69 in.·lbf
ABS speed sensor wire harness installation bolt	5.4	55	48 in.·lbf
Shock absorber x Axle carrier	137	1,400	101
Upper suspension arm x Body	164	1,670	121
Parking brake cable x Backing plate	7.8	80	69 in.·lbf
Backing plate x Axle carrier	59	600	43
Upper suspension arm x Axle carrier	108	1,100	80
Drive shaft x Axle hub	289	2,950	213
Suspension member brace x Body	50	510	37
Drive shaft x Differential	83	850	61
Stabilizer bar bracket x Body	18	180	13
Propeller shaft x Differential	79	805	58
Propeller shaft x Transmission	79	805	58
Center support bearing x Body	37	375	27
Front center crossmember brace x Body	13	130	9
Rear center crossmember brace x Body	13	130	9
Heated oxygen sensor	44	450	33
Exhaust front pipe x Exhaust manifold	43	440	32
Differential mounting bolt	Front Rear	147 142	1,500 1,450
Ring gear set bolt	64	650	47
Differential carrier retainer x Differential carrier	22	225	16
Companion flange lock nut	See page <a href="#">SA-83</a>		
Oil deflector x Differential carrier cover	7.0	70	62 in.·lbf
Differential carrier cover set bolt	47	475	34
Breather plug	21	210	15
Drain plug	49	500	39
Filler plug	49	500	39
Seatback x Body	18	185	13
Stabilizer bar link nut	65	660	48
Shock absorber cap nut	25	260	18
Suspension support x Piston rod	27	280	20
Suspension support x Body	64	650	47
Air tube x Pneumatic cylinder	17	175	13
Actuator cover nut	25	260	18
Actuator x Pneumatic cylinder	7.8	80	69 in.·lbf
Suspension support x Pneumatic cylinder	36	370	27
Strut rod x Axle carrier	184	1,880	136
Strut rod x Body	78	790	57
No.1 lower suspension arm x Axle carrier	59	600	43

2000 LEXUS LS400 (RM717U)

Author :

Date :

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Part tightened	N-m	kgf-cm	ft-lbf
No.1 lower suspension arm x Body	78	790	57
No.2 lower suspension arm x Axle carrier	81	825	60
No.2 lower suspension arm x Body	78	790	57
Height control valve x Body	5.4	55	48 in.-lbf