

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 B 113	600 1,150	43 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	147	1,500	108
	Rear	142	1,450	105
Ring gear set bolt		64	650	47
Differential carrier retainer x Differential carrier		22	225	16
Companion flange lock nut		See page SA-83		
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