## **TORQUE SPECIFICATION**

SS0FE-12

Part tightened	N⋅m	kgf-cm	ft-lbf
FRONT AXLE		<u> </u>	ı
Hub nut	103	1,050	76
Brake caliper x Steering knuckle	118	1,200	87
ABS speed sensor x Steering knuckle	8.0	82	71 in.·lbf
Steering knuckle x Upper suspension arm	65	660	50
Steering knuckle x Lower ball joint	113	1,150	83
Brake dust cover x Steering knuckle	8.3	85	74 in.·lbf
Tie rod end lock nut	56	570	41
Axle hub lock nut	147	1,500	108
FRONT SUSPENSION			
Height control sensor link x Lower arm bracket	5.4	55	48 inlbf
ABS speed sensor wire harness x Shock absorber	5.0	51	44 in.·lbf
Stabilizer bar x Stabilizer bar link	74	755	55
Shock absorber x Shock absorber bracket	64	650	47
Piston rod x Suspension support	34	350	25
Suspension support x Body	35	360	26
Upper suspension arm x Body	59	600	44
No. 1 lower suspension arm x Front suspension member	184	1,880	136
Steering gear housing bracket x Front suspension member	74	755	55
Front suspension member brace x No. 2 lower suspension arm x Body	119	1,210	88
Front suspension member brace x Body	58	590	43
Front suspension member brace x Front suspension member	58	590	43
Stabilizer bar link x Shock absorber bracket	95	970	70
No. 1 lower suspension arm x No. 2 lower suspension arm	245	2,500	180
No. 1 lower suspension arm x Lower ball joint	123	1,250	91
Shock absorber bracket x No. 1 lower suspension arm	25	250	18
Tie rod end x Lower ball joint	54	550	40
Stabilizer bar bracket x Body	23	235	17
REAR AXLE	•		1
Hub nut	103	1,050	76
Brake caliper x Axle carrier	104	1,065	77
Axle carrier x Upper suspension arm	108	1,100	80
Backing plate x Axle carrier	59	600	43
No.2 lower suspension arm x Axle carrier	110	1,120	81
No.1 lower suspension arm x Axle carrier	75	765	55
Toe control link x Axle carrier	49	500	36
ABS speed sensor x Axle carrier	8.0	82	71 in.·lbf
Parking brake cable x Backing plate	7.8	80	69 in.·lbf
REAR DRIVE SHAFT	•	•	•
Drive shaft x Axle hub	289	2,950	213
Drive shaft x Differential side gear shaft	68	695	50
REAR DIFFERENTIAL	•	•	ı
			_

2005 LEXUS IS300 (RM1140U)

Author: Date: 179

## SERVICE SPECIFICATIONS - SUSPENSION AND AXLE

Differential filler plug	49	500	36
Differential mounting bolt Front	95	970	71
Rear	142	1,450	105
Ring gear set bolt	97	985	71
Companion flange lock nut	See page SA-88		
Differential carrier cover set bolt	47	475	34
Breather plug	21	210	15
Rear suspension member brace set bolt	50	510	37
Center exhaust pipe x Tailpipe	43	440	32
Front exhaust pipe x Exhaust pipe assembly	62	632	46
Heated oxygen sensor	44	450	33
Propeller shaft center support bearing set bolt	49	500	36
Propeller shaft assembly x Rear differential	74	750	54
Differential carrier x Bearing cap	85	870	63
Oil deflector x Differential carrier cover	8.0	82	71 inlbf
Rear suspension member x Body	127	1,300	94
Rear suspension member stopper x Body	19	195	14
Rear suspension member lower brace x Body	19	195	14
Parking brake cable x Body	7.8	80	69 inlbf
REAR SUSPENSION			
Height control sensor link x Lower arm bracket	5.4	55	48 in.·lbf
Rear seat belt assembly outer x Body	42	430	31
Rear seatback assembly x Body	18	185	13
Suspension support x Body Upper side	64	650	47
Lower side	18	185	13
Piston rod x Suspension support	18	185	13
Upper suspension arm x Body Front side	88	900	65
Rear side	74	755	55
No. 1 lower suspension arm x Body	75	765	55
No. 2 lower suspension arm x Stabilizer bar link	30	305	22
No. 2 lower suspension arm x Shock absorber	110	1,120	81
No. 2 lower suspension arm x Rear suspension member	110	1,120	81
ABS speed sensor wire harness x Toe control link	5.0	51	44 in.·lbf
Toe control link x Rear suspension member	49	500	36
Stabilizer bar x Stabilizer bar link	65	663	48
Stabilizer bar bracket x Suspension member	18	185	13

Author: Date: 180