

TORQUE SPECIFICATION

Part tightened	N·m	kgf·cm	ft·lbf
FRONT AXLE			
Hub nut	103	1,050	76
Tie rod end lock nut	56	570	41
Brake caliper x Steering knuckle	118	1,200	87
Brake disc x Axle hub	5.0	55	44 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
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
FRONT SUSPENSION			
Height control sensor link x Shock absorber lower bracket	5.4	55	48 in.·lbf
Suspension support x Body	77	785	57
Pneumatic cylinder x Shock absorber lower bracket	157	1,600	116
Air tube x Pneumatic cylinder	17	175	13
Actuator cover set nut	77	785	57
Suspension control actuator set nut	4.9	50	43 in.·lbf
Suspension support x Pneumatic cylinder	36	370	27
Shock absorber lower bracket set bolt	Inner side	59	43
	Outer side	113	83
Strut bar x Lower suspension arm	164	1,670	121
Strut bar x Strut bar bracket (Caster adjusting cam nut)	201	2,050	148
Upper suspension arm x Body	127	1,300	94
Tie rod end x Lower ball joint	108	1,102	80
Lower ball joint x Lower suspension arm	152	1,550	112
Lower suspension arm x Body (Camber adjusting cam nut)	251	2,560	185
Suspension member brace set nut	39	400	29
Stabilizer bar link set nut	54	550	40
Stabilizer bar bracket x Body	28	290	21
Strut bar bracket x Body	118	1,200	87
REAR AXLE			
Hub nut	103	1,050	76
Height control sensor link x No. 1 lower suspension arm	5.4	55	48 in.·lbf
Brake caliper x Axle carrier	104	1,065	77
Brake disc x Axle hub	5.0	55	44 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
Pneumatic cylinder x Axle carrier	137	1,400	101
Upper suspension arm x Body	164	1,670	121
Parking brake cable x Backing plate	7.5	80	66 in.·lbf
Backing plate x Axle carrier	59	600	43
Upper suspension arm x Axle carrier	108	1,100	80

SERVICE SPECIFICATIONS - SUSPENSION AND AXLE

Part Tightened	N·m	kgf·cm	ft·lbf	
REAR DRIVE SHAFT				
Drive shaft x Axle hub	289	2,950	213	
Suspension member brace x Body	50	510	37	
Drive shaft x Differential side gear shaft	83	850	61	
REAR DIFFERENTIAL				
Propeller shaft x Differential	79	805	58	
Propeller shaft x Transmission	79	805	58	
Propeller shaft 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	
Exhaust front pipe x Exhaust manifold	43	440	32	
Differential mounting bolt	Front Rear	147 142	1,500 1,450	108 105
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	
REAR SUSPENSION				
Rear seatback set bolt	19	195	14	
Rear seat belt	42	420	31	
Suspension support x Body	83	846	61	
Air tube x Pneumatic cylinder	17	175	13	
Actuator cover set nut	83	846	61	
Suspension control actuator set nut	4.9	50	43 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	58	
No. 1 lower suspension arm x Axle carrier	83	847	61	
No. 1 lower suspension arm x Body	78	790	58	
No. 2 lower suspension arm x Axle carrier	81	825	60	
No. 2 lower suspension arm x Body	78	790	58	
Stabilizer bar link set nut	65	660	48	
Stabilizer bar bracket x Body	18	180	13	
ELECTRONIC MODULATED AIR SUSPENSION				
Front height control sensor link length adjusting nut	5.4	55	48 in.·lbf	
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	
Front height control sensor and acceleration sensor set nut	7.8	80	69 in.·lbf	

Part tightened	N·m	kgf·cm	ft·lbf
Rear height control sensor set bolt	7.8	80	69 in·lbf
Rear acceleration sensor set bolt	5.4	55	48 in·lbf