031CL–01

TORQUE SPECIFICATION

Part Tightened		N·m	kgf·cm	ft·lbf
BRAKE FLUID				
Bleeder plug				
Front side:	2.0 t (disc & drum), standard cab 3.0 t:	11.0	110	8.0
	Wide cab over 2.0 t:	9.5	95	83 (in.·lbf)
Rear side:	Standard cab, wide cab 2.0 t:	11.0	110	8.0
	Wide cab over 2.0 t:	9.5	95	83 (in.·lbf)
Brake line union nut		15 (12.9)	155 (131)	11 (9.4)
BRAKE PEDAL SUB–ASSY				
Push rod lock nut		25.5	260	19
Brake pedal x Pedal bracket		31	310	22
BRAKE MASTER LESS RESERVOIR TANK CYLINDER SUB–ASSY				
Master cylinder body x Piston stopper bolt		11.8 (7.8)	120 (80)	8.7 (69 in.·lbf)
Master cylinder fluid outlet plug x Master cylinder body		64	630	46
Oil pressure sensor x Master cylinder body		64	630	46
Master less reservoir tank cylinder sub–assy x Brake booster assy		12.5	130	9
Master cylinder support x Brake pedal bracket		19.0	185	14
BRAKE BOOSTER ASSY				
Brake booster nut		12.5	130	9
Brake booster assy x Brake pedal bracket and Clutch pedal bracket assy		29	300	21
Brake pedal bracket and Clutch pedal bracket assy x Body (See page 32–18)				
	Bolt A	29	300	21
	Bolt B	19	185	14
VACUUM PUMP (14B, 15B–FTE)				
End cover x Housing		7.8	80	69 in.·lbf
Gear lock nut		110	1,125	81
Vacuum pump x Timing gear case		39	400	29
Vacuum pump x Union tube		14	140	10
Check valve		74	750	54
VACUUM PUMP (W04D–J)				
Vacuum pump housing x Alternator		7.4	75	65 in.·lbf
Check valve		32	326	24
VACUUM PUMP (S05C–B, TA, TB)				
End cover x Housing		7.8	80	69 in.·lbf
Gear lock nut		110	1,125	81
Vacuum pump x Clutch housing		55	560	41
Vacuum pump x Union tube		14.0	140	10
FRONT BRAKE (Disc brake 2.0 t)				
Disc rotor installation bolt		165	1,680	122
Disc brake cylinder mounting x Knuckle		265	2,700	195
Front disc brake cylinder mounting x Disc brake cylinder mounting				
	for inside	78.4	800	58
	for outside	15.7	160	12
Flexible hose x Brake cylinder		29	300	22
FRONT BRAKE (Drum brake, wide cab over 2.0 t)				
Wheel cylinder x Backing plate	M8 x 1.25 bolt	21.0	214	15
	M14 x 1.5 bolt	105	1,071	77
Brake line union nut		15 (12.9)	155 (131)	11 (9.4)
Brake drum x Axle hub		200	2,050	148
FRONT BRAKE (Drum brake, standard cab 2.0 t & 3.0 t, wide cab 2.0 t)				
Wheel cylinder x Backing plate		61	622	45
Brake line union nut		15 (12.9)	155 (131)	11 (9.4)

Part Tightened	N·m	kgf·cm	ft·lbf
Brake drum x Axle hub	200	2,050	148
REAR DRUM BRAKE (Standard cab 2.0 t Australia 195/75R15 tire)			
Wheel cylinder x Backing plate	26	265	192
Brake drum x Axle hub	160	1,630	118
REAR DRUM BRAKE (Standard cab except 195/75R15 type, wide cab 2.0 t)			
Wheel cylinder x Backing plate	61	622	45
Brake drum x Axle hub	160	1,631	118
REAR DRUM BRAKE (Wide cab over 2.0 t)			
Wheel cylinder x Backing plate	120	1,200	88
Brake drum x Axle hub	200	2,050	148
ABS & TRACTION ACTUATOR ASSY			
Brake actuator x Bracket	5.4	55	48
SPEED SENSOR FRONT			
Front speed sensor installation bolt	8.0	82	71 in.·lbf
Front speed sensor harness clamp x Knuckle	19	194	14
Front speed sensor harness clamp x Upper arm	19	194	14
Front speed sensor harness clamp x Frame	19	194	14
SPEED SENSOR REAR			
Rear speed sensor installation bolt	8.0	82	71 in.·lbf
Rear speed sensor harness clamp x Frame and housing	19	194	14
ES (EASY & SMOOTH) START			
ES start valve assembly	12.7	130	9.4
Brake actuator	15	155	11.2
LOAD SENSING PROPORTIONING VALVE (LSPV)			
No. 1 shackle x Load sensing valve	12.5	130	9
Load sensing spring x Valve bracket	12.5	130	9
Valve bracket x Frame	25	260	19
No. 2 shackle x Shackle bracket	12.5	130	9
Brake pipe x Load sensing valve body	15	155	11
Breeder plug x Load sensing valve body	11	110	8
Load sensing valve body x Bracket	12.5	130	9

HINT:

( ): For use with SST