0314X–02

TORQUE SPECIFICATION

Part Tightened	N·m	kgf·cm	ft·lbf
Brake fluid			
Bleeder plug	11	112	8
Brake pedal support assy			
Brake booster clevis lock nut	25.5	260	19
Brake pedal sub–assy x Brake pedal support sub–assy	34.3	350	25
Brake pedal support sub–assy x Brake booster assy	14.2	145	10
Brake pedal support sub–assy x Brake pedal support reinforcement	34.3	350	25
Brake master cylinder assy (w/o VSC)			
Brake booster assy x Brake master cylinder assy	12.5	127	9
Brake union nut	15.2	155	11
Brake master cylinder assy (w VSC 1KZ–TE)			
Brake booster pump x Brake booster accumulator	54	551	40
Brake master cylinder x Brake booster pump bracket No. 3	7.8	80	69 in.·lbf
Brake master cylinder x Brake booster pump bracket No. 2	7.8	80	69 in.·lbf
Brake booster pump x Brake booster pump bracket No. 1	7.8	80	69 in.·lbf
Brake booster pump x Brake booster pump bracket No. 2	11.8	120	9
Brake booster pump x Brake booster pump bracket No. 3	11.8	120	9
Brake booster pump x Brake control wire	2.9	30	26 in.·lbf
Brake master cylinder x Brake control wire	1.7	17	15 in.·lbf
Brake union nut	15.2	155	11
Brake master cylinder x Brake actuator bracket No.4	7.8	80	69 in.·lbf
Brake master cylinder x Brake actuator bracket No.1	7.8	80	69 in.·lbf
Brake master cylinder x Master cylinder reservoir	1.7	17	15 in.·lbf
Brake master cylinder assy (w VSC 1GR–FE/1KD–FTV)			
Master cylinder solenoid set bolts	32	326	24
Brake master cylinder x Pin	7.8	80	69 in.·lbf
Rod Operating adapter lock nut	26	260	19
Master cylinder push rod clevis lock nut	26	260	19
Brake booster pump x Brake booster accumulator	57	585	42
Brake master cylinder x Brake booster pump bracket No. 2	7.8	80	69 in.·lbf
Master cylinder solenoid x Brake booster pump assy wire harness	2.9	30	26 in.·lbf
Brake actuator tube No.1 union nuts	14 (15)	143 (155)	10 (11)
Brake line union nut	14 (15)	143 (155)	10 (11)
Brake master cylinder x Brake actuator bracket No.1	7.8	80	69 in.·lbf
Brake master cylinder x Master cylinder reservoir	1.7	17	15 in.·lbf
Brake master cylinder set nuts	14	145	10
Brake booster assy			
Brake pedal support sub–assy x Brake booster assy	14.2	145	10
Vacuum pump assy (1KD–FTV/1KZ–TE)			
Vacuum pump gear lock not	110	1,125	81
Vacuum pump end cover x Housing	7.8	80	69 in.·lbf
Vacuum pump check valve x End cover	74	750	54
Vacuum pump union nut	14	140	10
Vacuum pump assy x Engine	21	210	15
Vacuum pump assy (5L–E)			
Vacuum pump end plate x Casing	2.0	20	17 in.·lbf
Vacuum pump end cover x Casing	4.6	47	41 in.·lbf
Vacuum pump check valve x Casing	74	750	54
Vacuum pump union nut	14	140	10
Vacuum pump assy x Pulley	105	1,075	78

Part Tightened	N·m	kgf·cm	ft·lbf
Vacuum pump assy x Generator	7.8	80	69
Front brake			
Front disc brake cylinder x Steering knuckle	123	1,254	91
Brake union nut	15.2	155	11
Rear brake			
Flexible hose x Disc brake cylinder assy rear	31	316	23
Rear disc brake cylinder mounting x Axle hub	105	1,071	77
Rear disc brake cylinder mounting x Disc brake cylinder assy rear	88	897	65
Flexible hose x Disc brake cylinder assy rear	31	316	23
Load sensing w/ spring valve assy			
Load sensing w/ spring valve assy x Body	29.4	300	22
Brake union nut	15.2	155	11
Load sensing w/ spring valve assy x valve assy cover	12.7	130	9
Brake actuator assy			
Brake actuator assy x Bracket	5.4	55	48 in.·lbf
Brake actuator with bracket x Body	19	194	14
Brake union nut	15.2	155	11
Air cleaner assy x Body	5.0	51	44 in.·lbf
Speed sensor front LH			
Front speed sensor x Steering knuckle	8.3	85	73 in.·lbf
Speed sensor rear LH			
Rear speed sensor x Axle hub	8.3	85	73 in.·lbf
Deceleration sensor			
Deceleration sensor x Body	13.3	136	10
Yawrate sensor			
Yawrate sensor x Body	13.3	136	10
Skid control ECU assy			
Skid control ECU assy x Body	5.0	51	44 in.·lbf
Junction block assy x Reinforcement	8.4	85	74 in.·lbf

( ): For use without SST