

TORQUE SPECIFICATION

Part tightened	N-m	kgf-cm	ft-lbf
STEERING COLUMN (Standard Cab, Access Cab)			
Steering wheel pad set screw (Torx® screw)	8.8	90	78 in.-lbf
Steering wheel set nut	50	510	37
Control valve shaft x No. 2 intermediate shaft assembly	35	360	26
No. 2 intermediate shaft assembly x Sliding yoke	35	360	26
Sliding yoke x No. 2 universal joint assembly	35	360	26
No. 2 universal joint assembly x Main shaft assembly	35	360	26
Steering column assembly set nut	26	260	19
Column hole cover set bolt	8.0	82	71 in.-lbf
Shift lever set bolt A/T	18	180	13
Non-tilt steering column:	–	–	–
Shift lever housing x Column upper tube A/T	12	120	9
Turn signal bracket x Column upper tube	7.5	75	65 in.-lbf
Column upper tube x Column tube assembly	19	195	14
Tilt steering column:	–	–	–
Shift lever housing x Column housing support A/T	12	120	9
Turn signal bracket x Steering column housing	7.5	75	65 in.-lbf
Column housing support x Column tube assembly	19	195	14
STEERING COLUMN (Double Cab)			
Steering wheel pad set screw (Torx® screw)	8.8	90	78 in.-lbf
Steering wheel set nut	50	510	37
Control valve shaft x No. 2 intermediate shaft assembly	35	360	26
No. 2 intermediate shaft assembly x Sliding yoke	35	360	26
No. 2 universal joint assembly x Sliding yoke	35	360	26
No. 2 universal joint assembly x Main shaft assembly	35	360	26
Steering column assembly set nut	26	260	19
Column hole cover No. 2 set bolt	8.0	82	71 in.-lbf
Shift lever set bolt	18	180	13
Shift lever housing x Column tube assembly	12	120	9
Turn signal bracket x Steering column housing	7.5	75	65 in.-lbf
Tilt lever lock shaft	9.0	90	78 in.-lbf
PS VANE PUMP (1GR-FE)			
Union bolt x Pressure feed tube	46.5	474	34
Bracket x Pump assembly	21	210	15
Front housing x Rear housing	22	220	16
Pressure port union x Front housing	69	700	51
Suction port union x Front housing	12	120	9
Oil pressure switch x Front housing	21	210	15
PS VANE PUMP (2UZ-FE)			
Union bolt x Pressure feed tube	46.5	475	34
PS vane pump assembly set stud bolt	22	220	16
PS vane pump assembly set bolt and nut	44	450	33
Suction port union set bolt	13	130	9

SERVICE SPECIFICATIONS – STEERING

Pressure port union	83	850	61
Front housing x Rear housing	24	240	17
PS GEAR			
Turn pressure tube union nut	13 (15)	135 (150)	10 (11)
Tie rod end lock nut	55	560	41
Rack x Rack end	76 (103)	770 (1,050)	56 (76)
Rack guide spring cap lock nut	51 (69)	520 (700)	38 (51)
Rack housing cap	59	600	43
Self-locking nut	30	300	22
Control valve housing set bolt	18	185	13
PS gear assembly set bolt	165	1,700	123
PS gear assembly set bolt and nut	130	1,350	96
Bracket x Body Bolt and nut	165	1,700	123
Bracket x Body Stud bolt	20	200	15
Pressure feed and return tubes x Control valve housing	22 (25)	227 (250)	16 (18)
Control valve shaft x No. 2 intermediate shaft assembly	35	360	26
Tie rod end x Lower arm	91	930	67

(): For use without SST