

# TORQUE SPECIFICATION

Part tightened	N-m	kgf-cm	ft-lbf
<b>STEERING COLUMN</b>			
Steering wheel set nut	50	500	35
Steering wheel pad set screw (Torx screw)	9.0	90	78 in.-lbf
Steering column assembly set nut and bolt	26	260	19
Main shaft assembly x Universal joint No.2	35	360	26
Universal joint No.2 x Intermediate No.2 shaft	35	360	26
Control valve shaft x Intermediate No.2 shaft	35	360	26
Column hole cover x Body 2WD	8.0	80	69 in.-lbf
Column hole cover No.2 x Column hole cover x Body 4WD	8.0	80	69 in.-lbf
<b>TILT STEERING COLUMN</b>			
Tilt steering bolt	20	200	14
<b>PS VANE PUMP</b>			
2RZ-FE, 3RZ-FE and 5VZ-FE:			
Union bolt x Pressure feed tube	47	475	34
Pressure port union x Pump housing	83	850	61
Bracket x Pump assembly 5VZ-FE	43	440	32
Oil reservoir set bolt Front	13	130	9
Rear	24	240	17
Vane pump pulley set nut	43	440	32
Oil pressure switch x Pressure feed tube 5VZ-FE	21	210	15
Vane pump assembly with bracket set bolt and nut 5VZ-FE	43	440	32
Vane pump assembly set bolt 2RZ-FE, 3RZ-FE	39	400	29
Rear housing set bolt	24	240	17
Power steering idle pulley set nut	39	400	29
<b>PS GEAR</b>			
2WD:			
Self-locking nut	25	250	18
Rack housing cap	59	600	43
Control valve housing set bolt	18	185	13
Rack guide spring cap lock nut	50 (60)	513 (700)	37 (51)
Rack housing No.2 bracket set bolt	61	620	45
Rack x Rack end	60 (83)	615 (850)	45 (61)
Tie rod end lock nut	54	550	40
Turn pressure tube union nut	12 (13)	122 (130)	9 (9)
PS gear assembly set bolt	201	2,050	148
Pressure feed tube x Control valve housing	33 (45)	337 (450)	24 (33)
Return tube x Control valve housing	36 (49)	365 (500)	26 (36)
4WD and Pre runner:			
Cylinder end stopper	59 (78)	597 (800)	43 (58)
Rack guide spring cap lock nut	51 (69)	521 (700)	38 (51)
Rack x Rack end	76 (103)	770 (1,050)	56 (76)
Tie rod end lock nut	55	560	41

( ): For use without SST

Part tightened	N-m	kgf-cm	ft-lbf
4WD and Pre runner:			
Turn pressure tube union nut	23 (25)	235 (250)	17 (18)
PS gear assembly set bolt	167	1,700	123
PS gear assembly set bolt x nut	191	1,950	141
Bracket x Body	167	1,700	123
Pressure feed tube x Control valve housing	33 (45)	337 (450)	24 (33)
Return tube x Control valve housing	36 (49)	365 (500)	26 (36)
Control valve housing set bolt	18	185	13
Bearing guide nut	25	250	18

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