

TORQUE SPECIFICATION

Part tightened		N-m	kgf-cm	ft-lbf
STEERING COLUMN				
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
TILT STEERING COLUMN				
Tilt steering bolt		20	200	14
PS VANE PUMP				
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
PS GEAR				
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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