

POWER STEERING**SERVICE DATA**

Power steering fluid	Fluid level rise	Maximum	5 mm (0.20 in.)
	Fluid pressure at idle speed with valve closed		8.800 kPa (89.7 kgf/cm ² , 1,276 psi)
Steering wheel	Steering effort at idle speed	Reference	6.0 N*m (60 kgf*cm, 53in.*lbf)
Power steering vane pump	Vane pump rotating torque		0.27 N*m (2.8 kgf*cm, 2.4 in.*lbf) or less
	Vane plate height	Minimum	7.6 mm (0.299 in.)
	Vane plate thickness	Minimum	1.405 mm (0.0553 in.)
	Vane plate length	Minimum	11.993 mm (0.4722 in.)
	Clearance between the rotor groove and plate	Maximum	0.025 mm (0.0010 in.)
	Spring free length	Minimum	29.2 mm (1.150 in.)
Power steering link	Total preload (tie rod rotating torque)	Turning	0.29 to 1.96 N*m (2.9 to 20.0 kgf*cm, 2.57 to 17.35 in.*lbf)
	Total preload (control valve rotating torque)	Turning	0.8 to 1.6 N*m (8.2 to 16.3 kgf*cm, 7.1 to 14.2 in.*lbf)

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TORQUE SPECIFICATIONS

Part tightened	N*m	kgf*cm	ft.*lbf
Power steering vane pump			
Vane pump housing rear x Vane pump housing front	22	224	16
Pressure port union	69	704	51
Suction port union set bolt	9.0	92	80 in.*lbf
Vane pump assembly x Engine	21	214	15
Pressure feed tube assembly x Vane pump assembly	44 (42)	449 (428)	33 (31)

(): For use without SST

Part tightened	N*m	kgf*cm	ft.*lbf
No. 1 Engine under cover Body	29	296	21
Rear Engine under cove x Body for 4WD	29	296	21
Power steering link assembly			
Control valve housing set bolt	18	184	13
Rack guide spring cap lock nut	69 (65)	700 (660)	51 (48)
Power steering rack x Rack end	103 (98)	1,050 (1,000)	76 (72)
Tie rod assembly lock nut	88	897	65
Turn pressure tube union nut	25 (23)	250 (235)	18 (17)
Power steering link assembly set bolt and nut	100	1,020	74
Pressure feed and return tubes x Control valve housing	25 (23)	250 (235)	18 (17)
Pressure feed tube clamp set bolt	28	286	21
Outlet return tube	44 (42)	499 (428)	33 (31)
Tie rod end x steering knuckle	49	500	36

(): For use without SST

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