

STEERING

Specifications

Steering column	Steering wheel freeplay Pawl stopper	Maximum	40 mm		1.58 in.	
		Mark				
		1 or A	12.65 — 12.75 mm		0.4980 — 0.5020 in.	
		2 or B	12.55 — 12.65 mm		0.4941 — 0.4980 in.	
		3 or C	12.45 — 12.55 mm		0.4902 — 0.4941 in.	
		4 or D	12.35 — 12.45 mm		0.4862 — 0.4902 in.	
		5 or E	12.25 — 12.35 mm		0.4823 — 0.4862 in.	
Power steering	Drive belt tension	New belt	125 ± 25 lb			
		Used belt	80 ± 20 lb			
	Maximum rise of oil level		5 mm		0.20 in.	
	Oil pressure at idle speed	Minimum	80 kg/cm ²	1,138 psi	7,845 kPa	
			4 kg	8.8 lb	39 N	
	Steering effort	Maximum				
	Rotor shaft bushing oil clearance	STD	0.01 — 0.03 mm		0.0004 — 0.0012 in.	
		Maximum	0.07 mm		0.0028 in.	
	Vane plate to rotor groove clearance					
		Maximum	0.028 mm		0.0011 in.	
	Vane plate	Minimum height	8.1 mm		0.319 in.	
		Minimum thickness	1.797 mm		0.0707 in.	
		Minimum length	14.988 mm		0.5901 in.	
	Vane plate length					
	Rotor and cam ring mark					
		None	14.996 — 14.998 mm		0.5904 — 0.5905 in.	
		1	14.994 — 14.996 mm		0.5903 — 0.5904 in.	
		2	14.992 — 14.994 mm		0.5902 — 0.5903 in.	
		3	14.990 — 14.992 mm		0.59016 — 0.59024 in.	
		4	14.988 — 14.990 mm		0.5901 — 0.5902 in.	
	Flow control valve spring length		35 — 37 mm		1.38 — 1.46 in.	
	Pump rotating torque		2.8 kg-cm (2.4 in.-lb, 0.3 N·m) or less			
	Steering rack runout	Maximum	0.15 mm		0.0059 in.	
	Cross shaft adjusting screw thrust clearance		0.03 — 0.05 mm		0.0012 — 0.0020 in.	
	Worm gear. preload	at Starting	3 — 5.5 kg-cm	2.6 — 4.8 in.-lb	0.3 — 0.5 N·m	
	Total preload	at Starting	7.5 — 11 kg-cm	6.5 — 9.5 in.-lb	0.7 — 1.1 N·m	

Torque Specifications

Steering column	Part tightened	kg-cm	ft-lb	N-m
Steering column	Steering wheel set nut	350	25	34
	Column tube x Body	250	18	25
	Breakaway bracket x Body	260	19	25
	Column hole cover x Body	130	9	13
	Main shaft x Intermediate shaft	350	25	34
	Intermediate shaft x Worm shaft	350	25	34
	Turn signal bracket x Upper column tube	50	43 in.-lb	4.9
	Tilt pawl set nut	60	52 in.-lb	5.9
	Compression spring set bolt	80	69 in.-lb	7.8
	Tilt lever retainer set nut	150	11	15
	Dust seal x Column hole cover	60	52 in.-lb	5.9
	Clamp x Column tube	195	14	19
Power steering (PS pump)	Pressure tube x PS pump	370	27	36
	PS pump x Bracket	450	33	44
	PS pump x Adjusting stay	400	29	39
	Adjusting stay x Bracket	400	29	39
	Pulley set nut	440	32	43
	Reservoir set bolt	130	9	13
	12 mm bolt	420	30	41
	14 mm bolt	700	51	69
Power- steering (Gear housing)	Pressure and return tube	450	33	44
	Universal joint	350	25	34
	Gear housing x Body	1,450	105	142
	Gear housing x Pitman arm	1,800	130	177
	Cross shaft adjusting screw set nut	470	34	46
	Cross shaft end cover lock bolt	620	45	61
	Plunger guide nut	205	15	20
	Worm gear valve body set bolt	620	45	61
Steering linkage	Pitman arm x Relay rod	925	67	91
	Relay rod x Steering damper	750	54	74
	Steering damper x Damper hinge	750	54	74
	Damper hinge x Body	400	29	39
	Relay rod x Knuckle arm	925	67	91
	Tie rod x Knuckle arm	925	67	91
	Tie or relay rod clamp	375	27	37