STEERING

SERVICE DATA

SS163–01

POWER STEERING VANE PUMP		
Vane pump rotating torque		0.3 N·m (2.8 kgf·cm, 2.4 in.·lbf) or less
Pump shaft and front housing bushing oil clearance	STD	0.020 – 0.087 mm (0.00079 – 0.00343 in.)
	Maximum	0.087 mm (0.00343 in.)
Vane plate height	Minimum	9.2 mm (0.362 in.)
Vane plate thickness	Minimum	1.965 mm (0.007736 in.)
Vane plate length	Minimum	15.953 mm (0.62807 in.)
Vane plate and pump rotor groove clearance	Maximum	0.03 mm (0.0012 in.)
Flow control valve spring length	Maximum	33.4 mm (1.315 in.)
POWER STEERING GEAR		
Worm gear valve body ball clearance	Maximum	0.05 mm (0.0020 in.)
Sector shaft adjusting screw thrust clearance	Maximum	0.15 mm (0.0059 in.)
Power piston rotating torque		0.35 – 1.0 N·m (3.6 – 10 kgf·cm, 4.1 – 8.7 in.·lbf)
Total preload		0.2 – 0.4 N·m (2 – 4 kgf·cm, 1.7 – 3.5 in.·lbf)