

STEERING

SERVICE DATA

SS16Y-04

POWER STEERING FLUID		
Fluid level rise	Maximum	5 mm (0.20 in.)
Fluid pressure at idle speed with valve closed	Minimum	4,900 kPa (50 kgf/cm ² , 711 psi)
STEERING WHEEL		
Steering wheel free play	Maximum	30 mm (1.18 in.)
Steering effort at idle speed	Reference	6.5 N·m (65 kgf·cm, 58 in.-lbf)
POWER STEERING VANE PUMP		
Vane plate height	Minimum	5.4 mm (0.213 in.)
Vane plate thickness	Minimum	0.882 mm (0.0347 in.)
Vane plate length	Minimum	4.596 mm (0.1809 in.)
Vane plate and vane pump rotor groove clearance	Maximum	0.023 mm (0.0009 in.)
Vane plate length	pump rotor and cam ring mark	
	0	4.604 – 4.606 mm (0.18126 – 0.18134 in.)
	1	4.602 – 4.604 mm (0.18118 – 0.18126 in.)
	2	4.600 – 4.602 mm (0.18110 – 0.18118 in.)
	3	4.598 – 4.600 mm (0.18102 – 0.18110 in.)
	4	4.596 – 4.598 mm (0.18094 – 0.18102 in.)
Spring free length	Minimum	28.7 mm (1.130 in.)
POWER STEERING GEAR		
Steering rack runout	Maximum	0.1 mm (0.004 in.)
Total preload	Turning	0.8 – 1.3 N·m (8 – 13 kgf·cm, 6.9 – 11.3 in.-lbf)