

# STEERING

## SERVICE DATA

SS020-02

POWER STEERING FLUID (IFS)		
Oil level rise	Maximum	5 mm (0.20 in.)
Oil pressure at idle speed with valve closed	Minimum	10,000 kPa (102 kgf/cm <sup>2</sup> , 1,451 psi)
POWER STEERING VANE PUMP		
Pump shaft and front housing bushing oil clearance	STD	0.021 – 0.043 mm (0.00083 – 0.00169 in.)
	Maximum	0.070 mm (0.00276 in.)
Pump shaft and rear housing bushing oil clearance	STD	0.020 – 0.077 mm (0.00079 – 0.00303 in.)
	Maximum	0.080 mm (0.00315 in.)
Vane plate thickness	Minimum	1.405 mm (0.0531 in.)
Vane plate and pump rotor groove clearance	Maximum	0.03 mm (0.0012 in.)
Flow control valve spring length	Minimum	31.3 mm (1.2323 in.)
Pump rotating torque	Maximum	0.28 N·m (2.8 kgf·cm, 2.4 in.·lbf) or less
POWER STEERING GEAR (IFS)		
Steering rack runout	Maximum	0.30 mm (0.0118 in.)
Total preload	Center area	1.8 – 2.2 N·m (18.4 – 22.4 kgf·cm, 16.0 – 19.5 in.·lbf)
	End area	1.3 – 1.7 N·m (13.3 – 17.3 kgf·cm, 11.5 – 15.0 in.·lbf)