POWER STEERING

0315R–02

SERVICE DATA

POWER STEERING FLUID		
Fluid level rise	Maximum:	5 mm (0.20 in.)
Fluid pressure at idle speed with valve closed		8,300 – 8,800 kPa (85 – 90 kgf/cm^2, 1,209 – 1280 psi)
STEERING WHEEL		
Steering effort at idle speed	(Reference)	6 N·m (60 kgf·cm, 53 in.·lbf)
VANE PUMP ASSY (1GR–FE)		
Vane pump rotating torque		0.27 N·m (2.8 kgf·cm, 2.4 in.·lbf) or less
Vane pump shaft and vane pump housing oil clearance	STD: Maximum:	0.021 – 0.043 mm (0.0008 – 0.0017 in.) 0.07 mm (0.0028 in.)
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 (0.0012 in.)
Spring free length	Minimum:	29.2 mm (1.105 in.)