POWER STEERING

SERVICE DATA

031JE–02

POWER STEERING FLUID		
Fluid level rise	Maximum	5 mm (0.20 in.)
Fluid pressure at idle speed with valve closed		7,800 to 8,300 kPa (80 to 85 kgf/cm^2, 1,131 to 1,204 psi)
STEERING WHEEL		
Steering effort at idle speed	(Reference)	6.0 N·m (60 kgf·cm, 53 in.·lbf)
VANE PUMP ASSY		
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	0.027 to 0.054 mm (0.00106 to 0.00213 in.) 0.07 mm (0.0028 in.)
Vane plate thickness	Minimum	1.397 to 1.403 mm (0.0550 to 0.0552 in.)
Clearance between the rotor groove and plate	Maximum	0.03 mm (0.0012 in.)
Spring free length	Minimum	32.24 mm (1.2693 in.)
POWER STEERING LINK ASSY		
Steering rack runout	Maximum	0.3 mm (0.0118 in.)
Tie rod assy stad bolt torque	(Turning)	0.49 to 3.43 N·m (5.0 to 35.0 kgf·cm, 4.3 to 30.4 in.·lbf)
Total preload (Control valve rotating torque)	(Turning)	1.2 to 1.5 N·m (12.2 to 15.3 kgf·cm, 10.6 to 13.3 in.·lbf)
Rack boot clamp clearance		3.0 mm (0.118 in.) or less