

POWER STEERING

SERVICE DATA

030QA-01

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| POWER STEERING FLUID | | |
| Fluid level rise | Maximum | 5 mm (0.20 in.) |
| Fluid pressure at idle speed with valve closed | | 7,300 – 7,800 kPa (75 – 80 kgf/cm ² , 1,067 – 1,138 psi) |
| STEERING WHEEL | | |
| Steering effort at idle speed | (Reference) | 6 N·m (60 kgf·cm, 53 in.-lbf) |
| POWER STEERING VANE PUMP | | |
| 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 | 0.03 mm (0.0012 in.) |
| Spring free length | Minimum | 36.9 mm (1.453 in.) |
| POWER STEERING GEAR | | |
| Steering rack runout | Maximum | 0.1 mm (0.004 in.) |
| Total preload (Tie rod rotating torque) | (Turning) | 0.49 – 3.43 N·m (5.0 – 35 kgf·cm, 4.34 – 30.38 in.-lbf) |
| Total preload (Control valve rotating torque) | (Turning) | 1.0 – 1.8 N·m (10 – 18 kgf·cm, 8.6 – 15.7 in.-lbf) |