

SERVICE SPECIFICATIONS

SERVICE DATA

| | | | |
|--|---------------------------------------|--|---------------------|
| Steering wheel freeplay | Maximum | 30 mm | 1.18 in. |
| Power Steering (On-vehicle inspection) | Maximum rise of oil level | Below 5 mm (0.20 in.) | |
| | Oil pressure at Idle speed | 7.355–7,845 kPa (75–80 kgf/cm ² , 1,067–1,137 psi) | |
| | Steering effort Maximum | 40 N | 4.1 kgf 9.0 lbf |
| (Power steering pump) | Rotor shaft bushing oil clearance STD | 0.01–0.03 mm | 0.004–0.0012 in. |
| | Maximum | 0.07 mm | 0.0028 in. |
| | Vane plate to rotor groove clearance | 0.03 mm (0.0012 in.) or less | |
| | Vane plate | | |
| | Minimum length | 14.97 mm | 0.5894 in. |
| | Minimum height | 8.0 mm | 0.315 in. |
| | Minimum thickness | 1.77 mm | 0.0697 in. |
| | Vane plate length | | |
| | Rotor and cam ring mark | | |
| | None | 14.996–14.998 mm | 0.5904–0.5905 in. |
| | 1 | 14.994–14.996 mm | 0.5903–0.5904 in. |
| | 2 | 14.992–14.994 mm | 0.5902–0.5903 in. |
| | 3 | 14.990–14.992 mm | 0.59016–0.59024 in. |
| | 4 | 14.988–14.990 mm | 0.5901–0.5902 in. |
| | Flow control valve STD | 37 mm | 1.46 in. |
| | spring length Minimum | 36 mm | 1.46 in. |
| | Pump rotating torque | 0.1 N·m (1.0 kgf·cm, 0.9 in.·lbf) or less | |
| (Gear housing) | Steering rack runout Maximum | 0.3 mm | 0.012 in. |
| | Total preload | 0.9–1.9 N·m (9–20 kgf·cm, 7.9–17.3 in.·lbf) | |
| | Solenoid valve resistance | 6–11 Ω | |

TORQUE SPECIFICATIONS

| Steering column | Part tightened | N·m | kgf·cm | ft·lbf |
|---|--|-----|--------|------------|
| | Steering wheel | 35 | 360 | 26 |
| | Steering wheel pad | 7.4 | 75 | 65 in.·lbf |
| | Column bracket X Body | 25 | 260 | 19 |
| | Sliding Yoke | 35 | 360 | 26 |
| | Tilt steering housing support X Lower tube | 13 | 130 | 9 |
| | Support stopper bolt lock nut | 2.9 | 30 | 26 in.·lbf |
| | Connector bracket | 4.9 | 50 | 43 in.·lbf |
| | Telescopic sensor plate | 4.9 | 50 | 43 in.·lbf |
| | Telescopic adjusting screw | 6.9 | 70 | 61 in.·lbf |
| | Telescopic adjusting screw lock nut | 31 | 320 | 23 |
| Power steering (Power steering pump) | PS pump installation bolt | 39 | 400 | 29 |
| | PS pump installation nut | 43 | 440 | 32 |
| | Pressure tube X Pressure port union | 49 | 500 | 36 |
| | Drive pulley X Rotor shaft | 43 | 440 | 32 |
| | Front housing X Rear bracket | 39 | 400 | 29 |
| | Pressure port union X Pump housing | 69 | 700 | 51 |
| | Suction port union X Pump housing | 13 | 130 | 9 |
| (Gear housing) | Tie rod end X Steering knuckle | 49 | 500 | 36 |
| | Control valve shaft X Universal joint | 35 | 360 | 26 |
| | Pressure and return tube X Gear housing | 49 | 500 | 36 |
| | Gear housing installation bolt | 76 | 770 | 56 |
| | Pressure control valve X Control valve housing | 18 | 185 | 13 |
| | Rack housing X Control valve housing | 18 | 185 | 13 |
| | Control valve self-locking nut | 39 | 400 | 29 |
| | Rack housing cap | 69 | 700 | 51 |
| | Rack guide spring cap lock nut | 56 | 570 | 41 |
| | Rack X Rack end | 92 | 940 | 68 |
| | Tie rod end lock nut | 56 | 570 | 41 |
| | Turn pressure tube union nut | 24 | 240 | 17 |
| | Turn pressure tube union bolt | 34 | 350 | 25 |