DRIVE SHAFT / PROPELLER SHAFT / AXLE

031CS–01

SERVICE DATA

Front wheel	Preload	5 Hub bolts	4.9 – 14.2 N (0.5 – 1.4 kgf·cm, 1.1 – 3.1 lbf)
		6 Hub bolts	17.7 – 44.1 N (1.8 – 4.5 kgf·cm, 4.0 – 10 lbf)
	Axial play		0.05 mm (0.0020 in.)
Rear wheel	Preload	5 Hub bolts	9.8 – 29.4 N (1.0 – 3.0 kgf·cm, 2.2 – 6.6 lbf)
		6 Hub bolts	35.3 – 53.0 N (3.6 – 5.4 kgf·cm, 7.9 – 11.9 lbf)
	Axial play		0.10 mm (0.0039 in.)
Propeller shaft (B–Type)	Runout	Maximum	0.8 mm (0.031 in.)
Propeller shaft (LE–Type)	Runout	Standard	0 – 0.6 mm (0 – 0.024 in.)
		Maximum	1.0 mm (0.039 in.)
Universal joint spider (B–joint)	Standard rotating torque (at starting)		0.5 – 2.8 N·m (5.1 – 28.6 kgf·cm, 4.4 – 24.8 in.·lbf)
	Clearance between spider journal and bearing	Standard	0.024 – 0.064 mm (0.0009 – 0.0025 in.)
		Maximum	0.1 mm (0.0039 in.)
Universal joint spider (LE–joint)	Standard rotating torque (at starting)		1.47 – 2.94 N·m (15 – 30 kgf·cm, 13.0 – 26.0 in.·lbf)
	Clearance between spider journal and bearing	Standard	0.024 – 0.064 mm (0.0009 – 0.0025 in.)
		Maximum	0.1 mm (0.0039 in.)
Sliding yoke	Free play	Standard	0.062 – 0.174 mm (0.0024 – 0.0069 in.)
		Maximum	0.25 mm (0.0098 in.)
Adjustment parts of universal joint spider (LE–joint)	Retainer ring thickness	Mark 1	1.98 – 2.00 mm (0.0780 – 0.0787 in.)
		2	2.00 – 2.02 mm (0.0787 – 0.0795 in.)
		3	2.02 – 2.04 mm (0.0795 – 0.0803 in.)
		4	2.04 – 2.06 mm (0.0803 – 0.0811 in.)
		5	2.06 – 2.08 mm (0.0811 – 0.0819 in.)
		6	2.08 – 2.10 mm (0.0819 – 0.0827 in.)
		7	2.10 – 2.12 mm (0.0827 – 0.0835 in.)
		8	2.12 – 2.14 mm (0.0835 – 0.0843 in.)
		9	2.14 – 2.16 mm (0.0843 – 0.0850 in.)
		10	2.16 – 2.18 mm (0.0850 – 0.0858 in.)
Adjustment parts of universal joint spider (B–joint)	Retainer ring thickness	White	1.50 mm (0.0591 in.)
		Red	1.55 mm (0.0610 in.)
		Green	1.60 mm (0.0630 in.)
		Blue	1.65 mm (0.0650 in.)
		Yellow	1.70 mm (0.0669 in.)
Propeller shaft intermediate shaft (B–Type)	Runout	Maximum	0.8 mm (0.031 in.)
Propeller shaft intermediate shaft (LE–Type)	Runout	Standard	0 – 0.6 mm (0 – 0.024 in.)
		Maximum	1.0 mm (0.039 in.)
Steering knuckle LH (5 Hub bolts)	Bush inner diameter		28.01 – 28.03 mm (1.1028 – 1.1035 in.)
	Clearance between knuckle and I–beam		0.10 mm (0.039 in.) or less
Steering knuckle LH (6 Hub bolts)	Bush inner diameter		35.01 – 35.03 mm (1.3784 – 1.3791 in.)
	Clearance between knuckle and I–beam		0.10 mm (0.039 in.) or less
Adjustment parts of clearance between knuckle and I–beam (5 Hub bolts)	Shim		1.7 mm (0.067 in.)
			1.8 mm (0.071 in.)
			1.9 mm (0.075 in.)
			2.0 mm (0.079 in.)
			2.1 mm (0.083 in.)
			2.2 mm (0.087 in.)
			2.3 mm (0.091 in.)
			2.4 mm (0.094 in.)

Adjustment parts of clearance between knuckle and I–beam (6 Hub bolts)	Shim	1.9 mm (0.075 in.) 2.0 mm (0.079 in.) 2.1 mm (0.083 in.) 2.2 mm (0.087 in.) 2.3 mm (0.091 in.) 2.4 mm (0.094 in.) 2.5 mm (0.098 in.) 2.6 mm (0.102 in.)
Rear axle shaft LH	Runout Maximum	0.8 mm (0.031 in.)