FRONT SUSPENSION

SERVICE DATA

0314C–01

Front wheel alignment	• Vehicle height (5 Door Except air suspension)			
	RZJ120R–GKMEK	5 passenger	Front A–B:	80.3 mm (3.16 in.)
			Rear C–D:	53.3 mm (2.10 in.)
		8 passenger	Front A–B:	79.8 mm (3.14 in.)
			Rear C–D:	57.8 mm (2.28 in.)
		10 passenger	Front A–B:	80.0 mm (3.15 in.)
			Rear C–D:	55.6 mm (2.19 in.)
	RZJ120L–GKMEK	5 passenger	Front A–B:	77.5 mm (3.05 in.)
			Rear C–D:	52.8 mm (2.08 in.)
		8 passenger	Front A–B:	77.0 mm (3.03 in.)
			Rear C–D:	57.1 mm (2.25 in.)
		10 passenger	Front A–B:	77.2 mm (3.04 in.)
			Rear C–D:	54.9 mm (2.16 in.)
	RZJ120L–GKPEK	5 passenger	Front A–B:	79.0 mm (3.11 in.)
			Rear C–D:	53.2 mm (2.09 in.)
		8 passenger	Front A–B:	78.5 mm (3.09 in.)
			Rear C–D:	57.6 mm (2.27 in.)
	LJ120R/L–GKMEE	5 passenger	Front A–B:	79.4 mm (3.13 in.)
			Rear C–D:	53.4 mm (2.10 in.)
		8 passenger	Front A–B:	78.9 mm (3.11 in.)
			Rear C–D:	57.8 mm (2.28 in.)
		10 passenger	Front A–B:	79.1 mm (3.11 in.)
			Rear C–D:	55.6 mm (2.19 in.)
	KZJ120L–GKMGT	5 passenger	Front A–B:	79.7 mm (3.14 in.)
			Rear C–D:	54.8 mm (2.16 in.)
		8 passenger	Front A–B:	79.2 mm (3.12 in.)
			Rear C–D:	59.1 mm (2.33 in.)
	KZJ120L–GKPGT	5 passenger	Front A–B:	81.1 mm (3.19 in.)
			Rear C–D:	55.1 mm (2.17 in.)
		8 passenger	Front A–B:	80.6 mm (3.17 in.)
			Rear C–D:	59.5 mm (2.34 in.)
	RZJ120L–GKMEKV	5 passenger	Front A–B:	80.5 mm (3.17 in.)
			Rear C–D:	53.6 mm (2.11 in.)
		8 passenger	Front A–B:	80.0 mm (3.15 in.)
			Rear C–D:	57.9 mm (2.28 in.)
		10 passenger	Front A–B:	80.2 mm (3.16 in.)
			Rear C–D:	55.7 mm (2.19 in.)
	RZJ120L–GKPEKV	5 passenger	Front A–B:	82.0 mm (3.23 in.)
			Rear C–D:	53.9 mm (2.12 in.)
		8 passenger	Front A–B:	81.5 mm (3.21 in.)
			Rear C–D:	58.2 mm (2.29 in.)
		10 passenger	Front A–B:	81.7 mm (3.22 in.)
			Rear C–D:	56.1 mm (2.21 in.)
	RZJ120R–GKMEKQ	5 passenger	Front A–B:	74.8 mm (2.94 in.)
			Rear C–D:	52.2 mm (2.06 in.)
		8 passenger	Front A–B:	74.3 mm (2.93 in.)
			Rear C–D:	56.6 mm (2.23 in.)
	RZJ120R–GKPEKQ	5 passenger	Front A–B:	76.2 mm (3.00 in.)
			Rear C–D:	52.6 mm (2.07 in.)
		8 passenger	Front A–B:	75.7 mm (2.98 in.)
			Rear C–D:	56.9 mm (2.24 in.)
	KZJ120R–GKMETQ	5 passenger	Front A–B:	79.8 mm (3.14 in.)
			Rear C–D:	53.7 mm (2.11 in.)
		8 passenger	Front A–B:	79.3 mm (3.12 in.)
			Rear C–D:	58.0 mm (2.28 in.)

Front wheel alignment	KZJ120R–GKPETQ	5 passenger	Front A–B:	81.2 mm (3.20 in.)
			Rear C–D:	54.1 mm (2.13 in.)
		8 passenger	Front A–B:	80.8 mm (3.18 in.)
			Rear C–D:	58.4 mm (2.30 in.)
	KDJ120R/L–GKMEYW	5 passenger	Front A–B:	74.7 mm (2.94 in.)
			Rear C–D:	52.7 mm (2.07 in.)
		8 passenger	Front A–B:	74.6 mm (2.94 in.)
			Rear C–D:	52.3 mm (2.06 in.)
	KDJ120R/L–GKPEYW	5 passenger	Front A–B:	76.1 mm (3.00 in.)
			Rear C–D:	53.0 mm (2.09 in.)
		8 passenger	Front A–B:	76.0 mm (3.00 in.)
			Rear C–D:	52.7 mm (2.07 in.)
	• Vehicle height (5 Door Air suspension)			
	KZJ120L–GKMGT	5 passenger	Front A–B:	78.6 mm (3.09 in.)
			Rear C–D:	66.2 mm (2.61 in.)
		8 passenger	Front A–B:	78.6 mm (3.09 in.)
			Rear C–D:	66.1 mm (2.60 in.)
	KZJ120L–GKPGT	5 passenger	Front A–B:	80.1 mm (3.15 in.)
			Rear C–D:	66.7 mm (2.63 in.)
		8 passenger	Front A–B:	80.0 mm (3.15 in.)
			Rear C–D:	66.4 mm (2.61 in.)
	KZJ120R–GKMETQ	5 passenger	Front A–B:	78.7 mm (3.10 in.)
			Rear C–D:	66.3 mm (2.61 in.)
		8 passenger	Front A–B:	78.6 mm (3.09 in.)
			Rear C–D:	66.1 mm (2.60 in.)
	KZJ120R–GKPETQ	5 passenger	Front A–B:	80.1 mm (3.15 in.)
			Rear C–D:	66.7 mm (2.63 in.)
		8 passenger	Front A–B:	80.0 mm (3.15 in.)
			Rear C–D:	66.4 mm (2.61 in.)
	KDJ120R/L–GKMEYW	5 passenger	Front A–B:	73.5 mm (2.89 in.)
			Rear C–D:	65.2 mm (2.57 in.)
		8 passenger	Front A–B:	73.4 mm (2.89 in.)
			Rear C–D:	65.0 mm (2.56 in.)
	KDJ120R/L–GKPEYW	5 passenger	Front A–B:	74.9 mm (2.95 in.)
			Rear C–D:	65.6 mm (2.58 in.)
		8 passenger	Front A–B:	74.8 mm (2.94 in.)
			Rear C–D:	65.3 mm (2.57 in.)
	• Vehicle height (3 Door)			
	RZJ125L–GJMEK		Front A–B:	81.0 mm (3.19 in.)
			Rear C–D:	56.9 mm (2.24 in.)
	RZJ125L–GJPEK		Front A–B:	82.6 mm (3.25 in.)
			Rear C–D:	57.4 mm (2.26 in.)
	LJ125L–GJMEE		Front A–B:	82.8 mm (3.26 in.)
			Rear C–D:	57.6 mm (2.27 in.)
	RZJ125L–GJMEKV		Front A–B:	84.1 mm (3.31 in.)
			Rear C–D:	58.8 mm (2.31 in.)
	RZJ125L–GJPEKV		Front A–B:	85.6 mm (3.37 in.)
			Rear C–D:	59.2 mm (2.33 in.)
	KDJ125R/L–GJPEYW		Front A–B:	78.9 mm (3.11 in.)
			Rear C–D:	56.9 mm (2.24 in.)
	KDJ125L–GJMEYW		Front A–B:	76.5 mm (3.01 in.)
			Rear C–D:	56.2 mm (2.21 in.)
	• Toe–in (total)			
			5 Door:	0°10' ± 0°10' (0.16° ± 0.16°) 2 ± 2 mm (0.08 ± 0.08 in.)
			3 Door:	0°05' ± 0°10' (0.08° ± 0.16°) 1 ± 2 mm (0.04 ± 0.08 in.)
			Rack end length difference	1.0 mm (0.04 in.) or less

Front wheel alignment	• Wheel angle	
	Inside wheel	36˚20' (34˚20' – 37˚20') 36.33˚ (34.33˚ – 37.33˚)
	Outside wheel: Reference	33˚14' 33.23˚
	• Camber	
	5 Door	–0˚19' ± 45' (–0.32˚ ± 0.75˚)
	Right–left error	45' (0.75˚) or less
	3 Door	–0˚16' ± 45' (–0.27˚ ± 0.75˚)
	Right–left error	45' (0.75˚) or less
	• Caster	
	5 Door Except air suspension	2˚40' ± 45' (2.67˚ ± 0.75˚)
	Right–left error	45' (0.75˚) or less
	5 Door Air suspension	2˚56' ± 45' (2.93˚ ± 0.75˚)
	Right–left error	45' (0.75˚) or less
	3 Door	2˚41' ± 45' (2.68˚ ± 0.75˚)
	Right–left error	45' (0.75˚) or less
	• Steering axis inclination	
	5 Door	12˚11' ± 45' (12.18˚ ± 0.75˚)
	Right–left error	45' (0.75˚) or less
	3 Door	12˚14' ± 45' (12.23˚ ± 0.75˚)
	Right–left error	45' (0.75˚) or less
Front suspension	Upper arm ball joint turning torque	4.5 N·m (46 kgf·cm, 40 in.·lbf) or less
	Lower arm ball joint turning torque	3.0 N·m (31 kgf·cm, 27 in.·lbf) or less
	Stabilizer link ball joint turning torque	2.0 N·m (20 kgf·cm, 18 in.·lbf) or less

A: Ground clearance of front wheel center

B: Ground clearance of lower suspension arm No.2 set bolt center

C: Ground clearance of rear wheel center

D: Ground clearance of strut rod set bolt center