

FRONT SUSPENSION

SERVICE DATA

0313J-06

Front wheel alignment	• Vehicle height (2WD Except air suspension)		
	UZN210L-GKAGKA	Front A-B:	113.6 mm (4.47 in.)
		Rear C-D:	71.7 mm (2.82 in.)
	UZN210L-GKAZKA	Front A-B:	113.5 mm (4.47 in.)
		Rear C-D:	72.3 mm (2.85 in.)
	GRN210L-GKAGKA	Front A-B:	110.5 mm (4.35 in.)
		Rear C-D:	70.9 mm (2.79 in.)
	GRN210L-GKAZKA	Front A-B:	110.4 mm (4.35 in.)
		Rear C-D:	71.3 mm (2.81 in.)
	• Vehicle height (2WD Air suspension)		
	UZN210L-GKAZKA	Front A-B:	112.7 mm (4.44 in.)
		Rear C-D:	81.4 mm (3.20 in.)
	• Vehicle height (4WD Except air suspension)		
	UZN215L-GKAGKA	Front A-B:	99.9 mm (3.93 in.)
		Rear C-D:	71.6 mm (2.82 in.)
	UZN215L-GKAZKA	Front A-B:	99.8 mm (3.93 in.)
		Rear C-D:	72.1 mm (2.84 in.)
	GRN215L-GKAGKA	Front A-B:	99.8 mm (3.93 in.)
		Rear C-D:	71.3 mm (2.81 in.)
	GRN215L-GKAZKA	Front A-B:	99.8 mm (3.93 in.)
		Rear C-D:	71.9 mm (2.83 in.)
	• Vehicle height (4WD Air suspension)		
	UZN215L-GKAZKA	Front A-B:	99.2 mm (3.91 in.)
		Rear C-D:	78.9 mm (3.11 in.)
	• Toe-in (total)		
			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
	• Wheel angle (2WD)		
	Inside wheel		37°00' (35°00' - 38°00')
	Outside wheel: Reference		37.00° (35.00° - 38.00°)
			32°30'
			32.50°
	• Wheel angle (4WD)		
	Inside wheel		36°40' (34°40' - 37°40')
	Outside wheel: Reference		36.67° (34.67° - 37.67°)
			32°53'
			32.88°
	• Camber		
	2WD Except air suspension		-0°28' ± 45' (-0.47° ± 0.75°)
	Right-left error		45' (0.75°) or less
	2WD Air suspension		-0°30' ± 45' (-0.50° ± 0.75°)
	Right-left error		45' (0.75°) or less
	4WD Except air suspension		-0°09' ± 45' (-0.15° ± 0.75°)
	Right-left error		45' (0.75°) or less
	4WD Air suspension		-0°10' ± 45' (-0.17° ± 0.75°)
	Right-left error		45' (0.75°) or less

Front wheel alignment	• Caster	
	2WD Except air suspension	$3^{\circ}23' \pm 45'$ ($3.38^{\circ} \pm 0.75^{\circ}$)
	Right-left error	45' (0.75°) or less
	2WD Air suspension	$3^{\circ}33' \pm 45'$ ($3.55^{\circ} \pm 0.75^{\circ}$)
	Right-left error	45' (0.75°) or less
	4WD Except air suspension	$3^{\circ}13' \pm 45'$ ($3.22^{\circ} \pm 0.75^{\circ}$)
	Right-left error	45' (0.75°) or less
	4WD Air suspension	$3^{\circ}22' \pm 45'$ ($3.37^{\circ} \pm 0.75^{\circ}$)
	Right-left error	45' (0.75°) or less
	• Steering axis inclination	
Front suspension	2WD Except air suspension	$12^{\circ}58' \pm 45'$ ($12.97^{\circ} \pm 0.75^{\circ}$)
	Right-left error	45' (0.75°) or less
	2WD Air suspension	$13^{\circ}00' \pm 45'$ ($13.00^{\circ} \pm 0.75^{\circ}$)
	Right-left error	45' (0.75°) or less
	4WD Except air suspension	$12^{\circ}39' \pm 45'$ ($12.65^{\circ} \pm 0.75^{\circ}$)
	Right-left error	45' (0.75°) or less
Front suspension	4WD Air suspension	$12^{\circ}40' \pm 45'$ ($12.67^{\circ} \pm 0.75^{\circ}$)
	Right-left error	45' (0.75°) 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**