

SUSPENSION

SERVICE DATA

Front wheel alignment	Vehicle height		
	USA, Canada	Front: A ^{*1} - B ^{*2}	89 mm (3.50 in.)
		Rear: D ^{*5} - C ^{*3}	41 mm (1.61 in.)
	Mexico	Front: A ^{*1} - B ^{*2}	74 mm (2.91 in.)
		Rear: D ^{*5} - C ^{*3}	30 mm (1.18 in.)
	Toe-in (total)		0°+- 12' (0° +- 0.2°), 0 +- 2 mm, (0 +- 0.08 in.)
	Rack end length difference		1.5 mm (0.059 in.) or less
	Wheel angle		
	USA, Canada	Inside wheel	36°40' +- 2° (36°67' +- 2°)
		Reference: Outside wheel	31°53' (31.88°)
	Mexico	Inside wheel	36°55' +- 2° (36.92° +- 2°)
		Reference: Outside wheel	32°11' (32.18°)
	Camber	USA, Canada	-0°34' +- 45' (-0.57° +- 0.75°)
		Mexico	-0°24' +- 45' (-0.40° +- 0.75°)
		Right-left error	45' (0.75°) or less
	Caster	USA, Canada	2°47' +- 45' (2.78° +- 0.75°)
		Mexico	2°40' +- 45' (2.67° +- 0.75°)
		Right-left error	45' (0.75°) or less
	Steering axis inclination	USA, Canada	12°28' +- 45' (12.47° +- 0.75°)
		Mexico	12°05' +- 45' (12.08° +- 0.75°)
		Right-left error	45' (0.75°) or less
Front suspension	Lower ball joint turning torque		0.98 - 4.9 N*m (10 - 50 kgf*cm, 8.7 - 43 in.*lbf)
	Stabilizer bar link ball joint turning torque		0.05 - 1.96 N*m (0.5 - 20 kgf*cm, 0.4 - 1.7 in.*lbf)

*1: Ground clearance of front wheel center

*2: Ground clearance of lower suspension arm front bolt center

*3: Ground clearance of rear axle beam set bolt center

*4: Ground clearance of rear suspension lower arm rear bolt center

*4: Ground clearance of rear suspension lower arm rear bolt center

Rear wheel alignment (USA, Canada)	Toe-in (total)	0° 16' +- 16' (0.26° +- 0.26°) 2.8 +- 2.7 mm (0.11 +- 0.11 in.)
	Camber	-1°27' +- 30' (-1.45° +- 0.5°)
	Right-left error	30' (0.5°) or less
Rear wheel alignment (Mexico)	Toe-in (total)	0°13' +- 16' (0.22° +- 0.26°) 2.2 +- 2.7 mm (0.09 +- 0.11 in.)
	Camber	-1°26' +- 30' (-1.43°+- 0.5°)
	Right-left error	30' (0.5°) or less
Rear suspension	Stabilizer bar link ball joint turning torque	0.05 - 1.0 N*m (0.5 - 10 kgf*cm, 0.4 - 8.7 in.*lbf)

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TORQUE SPECIFICATIONS

Part Tightened		N*m	kgf*cm	ft*lbf
Front suspension	Tie rod end lock nut	74	749	54
	Steering knuckle x Shock absorber	220	2,243	162
	Hub nut	103	1,050	76
	Suspension support x Piston rod	47	479	35
	Suspension support x Body	39	398	29
	Front flexible hose set bolt	29	296	21
	Suspension cross member x Body	Bolt A:	157	1,601
		Bolt B:	113	1,152
	Suspension cross member x Transverse engine engine mounting insulator	52	530	38
	Rack & pinion power steering gear assembly set bolt	58	591	43
	Steering knuckle x Lower ball joint	103	1,050	76
	Stabilizer bracket No.1 x Suspension cross member	19	194	14
	Stabilizer bar link set nut	74	755	55
	Lower suspension arm x Lower ball joint	89	908	66
	Lower suspension arm x Suspension cross member	137	1,397	101
	Speed sensor LH set bolt	8.0	82	71 in.*lbf
	Front strut bar bracket set nut	39	398	29
	Front strut bar set nut	52	530	38
Rear suspension	Hub nut	103	1,050	76
	Piston rod set nut	56	571	41
	Shock absorber x Body	80	816	59
	Shock absorber x Rear axle beam	80	816	59
	Parking brake cable set bolt	5.4	55	48 in.*lbf
	Rear axle hub set bolt	61	622	45
	Skid control sensor wire harness bracket set bolt	5.0	51	44 in.*lbf
	Rear axle beam x Body	85	867	63
	Stabilizer bar x Rear axle beam	195	1,988	144