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)	Rack end length difference	0°+- 12' (0° +- 0.2°), 0 +- 2 mm, (0 +- 0.08 in.)
			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	116
		Bolt B:	113	1,152	83
	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