

FRONT SUSPENSION

SERVICE DATA

032CP-01

Front wheel alignment	Vehicle height		
	1MZ-FE COMFORT	Front: A – B	120 mm (4.72 in.)
		Rear: D – C	46 mm (1.81 in.)
	1MZ-FE PREMIUM (USA, Canada)	Front: A – B	119 mm (4.69 in.)
		Rear: D – C	47 mm (1.85 in.)
	1MZ-FE PREMIUM (Mexico)	Front: A – B	106 mm (4.17 in.)
			*1 101 mm (3.98 in.)
		Rear: D – C	33 mm (1.30 in.)
			*1 25 mm (0.98 in.)
	3MZ-FE SPORT	Front: A – B	120 mm (4.72 in.)
		Rear: D – C	48 mm (1.89 in.)
	2AZ-FE COMFORT (USA, Canada)	Front: A – B	119 mm (4.69 in.)
		Rear: D – C	45 mm (1.77 in.)
	2AZ-FE COMFORT (Mexico)	Front: A – B	106 mm (4.17 in.)
			*1 101 mm (3.98 in.)
		Rear: D – C	33 mm (1.30 in.)
			*1 25 mm (0.98 in.)
	2AZ-FE PREMIUM	Front: A – B	120 mm (4.72 in.)
		Rear: D – C	45 mm (1.77 in.)
	2AZ-FE SPORT	Front: A – B	120 mm (4.72 in.)
		Rear: D – C	48 mm (1.89 in.)
Front wheel alignment	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		
	15 inch (USA, Canada)	Inside wheel	39°04' ± 2° (39.07° ± 2°)
		Outside wheel: Reference	33°44' (33.73°)
	15 inch (Mexico)	Inside wheel	39°30' ± 2° (39.50° ± 2°)
		Outside wheel: Reference	34°02' (34.03°)
	16 inch (USA, Canada)	Inside wheel	36°39' ± 2° (36.65° ± 2°)
		Outside wheel: Reference	32°11' (32.18°)
	16 inch (Mexico)	Inside wheel	37°00' ± 2° (37.00° ± 2°)
		Outside wheel: Reference	32°28' (32.47°)
	Camber	USA, Canada:	-0°43' ± 45' (-0.72° ± 0.75°)
		Mexico:	-0°33' ± 45' (-0.55° ± 0.75°)
		Right-left error	45' (0.75°) or less
	Caster		
	3MZ-FE		2°39' ± 45' (2.65° ± 0.75°)
	1MZ-FE Except SPORT (USA, Canada)		2°37' ± 45' (2.62° ± 0.75°)
	1MZ-FE Except SPORT (Mexico)		2°33' ± 45' (2.55° ± 0.75°)
	2AZ-FE SPORT		2°43' ± 45' (2.72° ± 0.75°)
	2AZ-FE Except SPORT (USA, Canada)		2°39' ± 45' (2.65° ± 0.75°)
	2AZ-FE Except SPORT (Mexico)		2°36' ± 45' (2.60° ± 0.75°)
		Right-left error	45' (0.75°) or less
	Steering axis inclination	USA, Canada:	11°27' ± 45' (11.45° ± 0.75°)
		Mexico:	11°05' ± 45' (11.08° ± 0.75°)
		Right-left error	45' (0.75°) or less
Front suspension	Lower ball joint turning torque		0.98 – 3.43 N·m (10 – 35 kgf·cm, 8.7 – 30 in.-lbf)
	Stabilizer bar link ball joint turning torque		0.05 – 1.96 N·m (0.5 – 20 kgf·cm, 0.4 – 17.4 in.-lbf)

A: Ground clearance of front wheel center**B: Ground clearance of lower suspension arm No. 2 set bolt center****C: Ground clearance of strut rod set bolt center****D: Ground clearance of rear wheel center*****1: HI UP**