

FRONT SUSPENSION

SERVICE DATA

030FB-01

Cold tire inflation pressure (1MZ-FE)	Up to 4 passengers		
	Tire size: 215/60R16 95V	Front, Rear*1	280 kPa (2.8 kgf/cm ² , 41 psi)
		Front, Rear*2	250 kPa (2.5 kgf/cm ² , 36 psi)
		Front, Rear*3	230 kPa (2.3 kgf/cm ² , 33 psi)
	5 passengers		
	Tire size: 215/60R16 95V	Front, Rear*1	290 kPa (2.9 kgf/cm ² , 42 psi)
Front, Rear*2		260 kPa (2.6 kgf/cm ² , 38 psi)	
Front, Rear*3		230 kPa (2.3 kgf/cm ² , 33 psi)	
Cold tire inflation pressure (1AZ-FE,2AZ-FE)	Up to 4 passengers		
	Tire size: 215/60R16 95V	Front, Rear*1	260 kPa (2.6 kgf/cm ² , 38 psi)
		Front, Rear*2	230 kPa (2.3 kgf/cm ² , 33 psi)
		Front, Rear*3	210 kPa (2.1 kgf/cm ² , 30 psi)
	Tire size: 205/65R15 94V	Front, Rear*1	260 kPa (2.6 kgf/cm ² , 38 psi)
		Front, Rear*4	230 kPa (2.3 kgf/cm ² , 33 psi)
	5 passengers		
	Tire size: 215/60R16 95V	Front, Rear*1	290 kPa (2.9 kgf/cm ² , 42 psi)
		Front, Rear*2	260 kPa (2.6 kgf/cm ² , 38 psi)
		Front, Rear*3	210 kPa (2.1 kgf/cm ² , 30 psi)
Tire size: 205/65R15 94V	Front, Rear*1	280 kPa (2.8 kgf/cm ² , 41 psi)	
	Front, Rear*4	260 kPa (2.6 kgf/cm ² , 38 psi)	

^{*1}: For driving at 210 km/h (131 mph) or over

^{*2}: For driving under 160 km/h (100 mph) to 210 km/h (131 mph)

^{*3}: For driving under 160 km/h (100 mph)

^{*4}: For driving under 210 km/h (131 mph)

Front wheel alignment	Vehicle height		
	1MZ-FE	Front: A * ⁵ – B * ⁶ Rear: D * ⁸ – C * ⁷	116 mm (4.57 in.) 40 mm (1.57 in.)
	1AZ-FE, 2AZ-FE 15 inch	Front: A * ⁵ – B * ⁶ Rear: D * ⁸ – C * ⁷	115 mm (4.53 in.) 40 mm (1.57 in.)
	1AZ-FE, 2AZ-FE 16 inch	Front: A * ⁵ – B * ⁶ Rear: D * ⁸ – C * ⁷	115 mm (4.53 in.) 38 mm (1.50 in.)
	HI UP	Front: A * ⁵ – B * ⁶ Rear: D * ⁸ – C * ⁷	101 mm (3.98 in.) 25 mm (0.98 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		
	1MZ-FE	Inside wheel Outside wheel: Reference	36°53' ± 2° (36.88° ± 2°) 32°22' (32.37°)
	1AZ-FE, 2AZ-FE 15 inch	Inside wheel Outside wheel: Reference	39°13' ± 2° (39.22° ± 2°) 33°50' (33.83°)
	1AZ-FE, 2AZ-FE 16 inch	Inside wheel Outside wheel: Reference	36°46' ± 2° (36.77° ± 2°) 32°16' (32.27°)
	HI UP 15 inch	Inside wheel Outside wheel: Reference	39°38' ± 2° (39.63° ± 2°) 34°07' (34.12°)
	HI UP 16 inch	Inside wheel Outside wheel: Reference	37°07' ± 2° (37.12° ± 2°) 32°33' (32.55°)
	Camber		
Front suspension	HI UP	Right-left error	–0°29' ± 45' (–0.48° ± 0.75°) 45' (0.75°) or less
	Except HI UP	Right-left error	–0°40' ± 45' (–0.67° ± 0.75°) 45' (0.75°) or less
	Caster		
	1MZ-FE	Right-left error	2°30' ± 45' (2.5° ± 0.75°) 45' (0.75°) or less
	1AZ-FE, 2AZ-FE 15 inch	Right-left error	2°34' ± 45' (2.57° ± 0.75°) 45' (0.75°) or less
	1AZ-FE, 2AZ-FE 16 inch	Right-left error	2°32' ± 45' (2.53° ± 0.75°) 45' (0.75°) or less
	HI UP 15 inch	Right-left error	2°27' ± 45' (2.45° ± 0.75°) 45' (0.75°) or less
	HI UP 16 inch	Right-left error	2°25' ± 45' (2.41° ± 0.75°) 45' (0.75°) or less
	Steering axis inclination		
	HI UP	Right-left error	10°57' ± 45' (10.95° ± 0.75°) 45' (0.75°) or less
	Except HI UP	Right-left error	11°20' ± 45' (11.33° ± 0.75°) 45' (0.75°) or less
	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)

*⁵: Ground clearance of front wheel center*⁶: Ground clearance of lower suspension arm front bolt center*⁷: Ground clearance of axle beam set bolt center*⁸: Ground clearance of rear wheel center