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

***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**