

SUSPENSION AND AXLE

SERVICE DATA

SSOFD-06

Cold tire inflation pressure	Up to 4 passengers		
	Tire size 215/45ZR17	Front*1	250 kPa (2.5 kgf/cm ² , 36 psi)
		Rear*1	260 kPa (2.6 kgf/cm ² , 38 psi)
		Front*2	240 kPa (2.4 kgf/cm ² , 35 psi)
		Rear*2	240 kPa (2.4 kgf/cm ² , 35 psi)
		Front*3	230 kPa (2.3 kgf/cm ² , 33 psi)
Rear*3		230 kPa (2.3 kgf/cm ² , 33 psi)	
205/55R16 89V	Front*1	230 kPa (2.3 kgf/cm ² , 33 psi)	
	Rear*1	240 kPa (2.4 kgf/cm ² , 35 psi)	
	Front*2	230 kPa (2.3 kgf/cm ² , 33 psi)	
	Rear*2	230 kPa (2.3 kgf/cm ² , 33 psi)	
	Front*3	230 kPa (2.3 kgf/cm ² , 33 psi)	
	Rear*3	230 kPa (2.3 kgf/cm ² , 33 psi)	
5 passengers			
Tire size 215/45ZR17	Front*1	260 kPa (2.6 kgf/cm ² , 38 psi)	
	Rear*1	340 kPa (3.4 kgf/cm ² , 49 psi)	
	Front*2	250 kPa (2.5 kgf/cm ² , 36 psi)	
	Rear*2	280 kPa (2.8 kgf/cm ² , 41 psi)	
	Front*3	230 kPa (2.3 kgf/cm ² , 33 psi)	
	Rear*3	240 kPa (2.4 kgf/cm ² , 35 psi)	
205/55R16 89V	Front*1	240 kPa (2.4 kgf/cm ² , 35 psi)	
	Rear*1	310 kPa (3.1 kgf/cm ² , 45 psi)	
	Front*2	240 kPa (2.4 kgf/cm ² , 35 psi)	
	Rear*2	270 kPa (2.7 kgf/cm ² , 39 psi)	
	Front*3	230 kPa (2.3 kgf/cm ² , 33 psi)	
	Rear*3	230 kPa (2.3 kgf/cm ² , 33 psi)	
Front wheel alignment	Vehicle height	Front: B*5 - A*4 Rear: C*6 - D*7	72 mm (2.83 in.) 85 mm (3.35 in.)
	Camber	Right-left error	-0°30' ± 30' (-0.5° ± 0.5°) 30' (0.5°) or less
	Caster	Right-left error	6°07' ± 30' (6.12° ± 0.5°) 30' (0.5°) or less
	Steering axis inclination	Right-left error	9°25' ± 30' (9.42° ± 0.5°) 30' (0.5°) or less
	Toe-in (total)	Rack end length difference	0°06' ± 12' (0.1° ± 0.2°, 1 ± 2 mm, 0.04 ± 0.08 in.) 1.5 mm (0.059 in.) or less
	Wheel angle	Inside wheel Outside wheel: Reference	41°01' (39°01' - 42°01') 41.02° (39.02° - 42.02°) 33°23' 33.38°
Rear wheel alignment	Camber	Right-left error	-0°55' ± 30' (-0.92° ± 0.5°) 30' (0.5°) or less
	Toe-in (total)	Right and left length difference	0°12' ± 12' (0.2° ± 0.2°, 2 ± 2 mm, 0.08 ± 0.08 in.) 4.0 mm (0.157 in.) or less
Front axle	Wheel bearing backlash	Maximum	0.05 mm (0.0020 in.)
	Axle hub deviation	Maximum	0.05 mm (0.0020 in.)

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

*2: For driving at 160 km/h (100 mph) to 210 km/h (131 mph)

- *3: For driving under 160 km/h (100 mph)
- *4: Ground clearance of the front No .1 lower suspension arm mounting bolt center.
- *5: Ground clearance of the front wheel center.
- *6: Ground clearance of the rear wheel center.
- *7: Ground clearance of the No. 2 lower suspension arm mounting bolt (Suspension member side) tail center.