

# SERVICE SPECIFICATIONS

## SERVICE DATA

SA290-2

Cold tire inflation pressure	Tire size		Pressure		
			Front	Rear	
	215/80 R16	3 Door	190 (1.9, 28)	210 (2.1, 30)*	
		5 Door	180 (1.8, 26)	200 (2.0, 29)*	
	265/70 R16	Europe	200 (2.0, 29)	200 (2.0, 29)	
		Others	180 (1.8, 26)	180 (1.8, 26)	
* When the vehicle is laden, rear tire pressure should be 240 kPa (2.4 kgf/cm <sup>2</sup> , 35 psi)					
Wheel alignment	Vehicle height mm (in.)		Model	Front A - B	Rear C - D
	A : Ground clearance of spindle center		3 Door Except longitudinal seat	66.0 (2.598)	45.5 (1.791)
B : Ground clearance of front adjusting cam bolt center		3 Door w/ longitudinal seat		68.5 (2.696)	36.5 (1.437)
C : Ground clearance of rear axle shaft center		5 Door w/o Winch		54.5 (2.145)	37.0 (1.456)
D : Ground clearance of lower control arm front bushing center		5 Door Others		62.5 (2.460)	39.0 (1.535)
Camber	3 Door	Except longitudinal seat	-0°10' ± 45' (-0.17° ± 0.75°)		
		w/ longitudinal seat	-0°10' ± 45' (-0.17° ± 0.75°)		
Left-right error		30' (0.5°) or less			
5 Door	Malaysia w/o Winch	0°05' ± 45' (0.08° ± 0.75°)			
	Others	-0°05' ± 45' (-0.08° ± 0.75°)			
	Left-right error	30' (0.5°) or less			
Caster	3 Door	Except longitudinal seat	2°55' ± 45' (2.91° ± 0.75°)		
		w/ longitudinal seat	2°40' ± 45' (2.67° ± 0.75°)		
Left-right error		30' (0.5°) or less			
5 Door	Malaysia w/o Winch	2°45' ± 45' (2.75° ± 0.75°)			
	Others	2°50' ± 45' (2.83° ± 0.75°)			
	Left-right error	30' (0.5°) or less			
Steering axis inclination	3 Door	Except longitudinal seat	10°55' ± 45' (10.91° ± 0.75°)		
		w/ longitudinal seat	10°55' ± 45' (10.91° ± 0.75°)		
Left-right error		30' (0.5°) or less			
5 Door	Malaysia w/o Winch	10°40' ± 45' (10.67° ± 0.75°)			
	Others	10°50' ± 45' (10.83° ± 0.75°)			
	Left-right error	30' (0.5°) or less			
Toe-in (total)	3 Door	Except longitudinal seat	0°11' ± 12' (0.18° ± 0.2°, 2 ± 2 mm, 0.08 ± 0.08 in.)		
		w/ longitudinal seat	0°09' ± 12' (0.15° ± 0.2°, 2 ± 2 mm, 0.08 ± 0.08 in.)		
5 Door	Malaysia w/o Winch	0°20' ± 12' (0.33° ± 0.2°, 4 ± 2 mm, 0.16 ± 0.08 in.)			
	Others	0°14' ± 12' (0.23° ± 0.2°, 3 ± 2 mm, 0.12 ± 0.08 in.)			
Wheel angle	Inside wheel		35° (33° - 36°)		
	Outside wheel		31° (Reference)		
Front drive shaft	Front drive shaft length		530.8 ± 5.0 mm (20.898 ± 0.197 in.)		
Front suspension	Upper ball joint turning torque		0.7 - 4.4 N·m (7 - 45 kgf·cm, 6 - 39 in.·lbf)		
	Lower ball joint turning torque		0.1 - 2.5 N·m (1 - 25 kgf·cm, 1 - 22 in.·lbf)		
Rear axle shaft	Shaft runout		Max.	2.0 mm (0.079 in.)	
	Flange runout		Max.	0.1 mm (0.004 in.)	

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