SUSPENSION AND AXLE

SERVICE DATA

SS1KO–01

	Model code	Tire size	Front / Rear	Pressure kPa (kgf/cm^2, psi)
Cold tire inflation pressure (Australia)	78 series	7.50R16–8PRLT	Front	250 (2.5, 36)*2
				250 (2.5, 36)*4
			Rear	275 (2.8, 40)*2
				475 (4.8, 69)*4
	79 series	7.50R16–8PRLT	Front	250 (2.5, 36)*3
				250 (2.5, 36)*4
			Rear	250 (2.5, 36)*3
				475 (4.8, 69)*4
		265/70R16LT	Front	250 (2.5, 36)*3
				250 (2.5, 36)*4
			Rear	250 (2.5, 36)*3
				350 (3.5, 51)*4
Cold tire inflation pressure (G.C.C. countries)	71 or 74 series	7.50R16–8PRLT or 7.50R16C 8PR	Front	200 (2.0, 29)*1
				200 (2.0, 29)*4
			Rear	200 (2.0, 29)*1
				375 (3.8, 54)*4
		265/70R16	Front	180 (1.8, 26)*1
				180 (1.8, 26)*4
			Rear	180 (1.8, 26)*1
				220 (2.2, 32)*4
	78 series	7.50R16–8PRLT or 7.50R16C 8PR	Front	250 (2.5, 36)*2
				250 (2.5, 36)*4
			Rear	300 (3.0, 44)*2
				475 (4.8, 69)*4
	79 series	7.50–16–8PRLT	Front	240 (2.4, 35)*3
				240 (2.4, 35)*4
			Rear	240 (2.4, 35)*3
				425 (4.3, 62)*4
		7.50R16–8PRLT or 7.50R16C 8PR	Front	250 (2.5, 36)*3
				250 (2.5, 36)*4
			Rear	300 (3.0, 44)*3
				475 (4.8, 69)*4
		225/95R16C	Front	220 (2.2, 32)*3
				220 (2.2, 32)*4
			Rear	260 (2.6, 38)*3
				450 (4.5, 65)*4
Cold tire inflation pressure (VENEZUELA)	71 series	255/70R16 or 7.50R16–8	Front	200 (2.0, 29)*1
				200 (2.0, 29)*4
			Rear	200 (2.0, 29)*1
				240 (2.4, 35)*4
	74 series	7.50R16 8PRLT	Front	200 (2.0, 29)*1
				200 (2.0, 29)*4
			Rear	200 (2.0, 29)*1
				375 (3.8, 54)*4
	78 series	7.50R16 8PRLT	Front	200 (2.0, 29)*2
				200 (2.0, 29)*4
			Rear	200 (2.0, 29)*2
				375 (3.8, 54)*4
	79 series	7.50R16 8PRLT	Front	200 (2.0, 29)*3
				200 (2.0, 29)*4
			Rear	200 (2.0, 29)*3
				375 (3.8, 54)*4

Cold tire inflation pressure (Other countries)	71 series	7.50–16–6PRLT	Front	180 (1.8, 26)*1
				180 (1.8, 26)*4
			Rear	180 (1.8, 26)*1
				325 (3.3, 47)*4
		7.50R16–6PRLT or 7.50R16–8PRLT	Front	200 (2.0, 29)*1
				200 (2.0, 29)*4
			Rear	200 (2.0, 29)*1
				375 (3.8, 54)*4
		265/70R16	Front	180 (1.8, 26)*1
				180 (1.8, 26)*4
		255/70R16 (VENEZUELA)	Rear	180 (1.8, 26)*1
				220 (2.2, 32)*4
			Front	200 (2.0, 29)*1
				200 (2.0, 29)*4
			Rear	200 (2.0, 29)*1
				240 (2.4, 35)*4
	74 series	7.50R16–6PRLT or 7.50R16–8PRLT	Front	200 (2.0, 29)*1
				200 (2.0, 29)*4
			Rear	200 (2.0, 29)*1
				375 (3.8, 54)*4
		265/70R16	Front	180 (1.8, 26)*1
				180 (1.8, 26)*4
			Rear	180 (1.8, 26)*1
				220 (2.2, 32)*4
	78 series	7.50–16–8PRLT	Front	240 (2.4, 35)*2
				240 (2.4, 35)*4
			Rear	240 (2.4, 35)*2
				425 (4.3, 62)*4
		7.50R16–8PRLT or 7.50R16C 8PR	Front	250 (2.5, 36)*2
				250 (2.5, 36)*4
			Rear	300 (3.0, 44)*2
				475 (4.8, 69)*4
	79 series	7.50–16–8PRLT	Front	240 (2.4, 35)*3
				240 (2.4, 35)*4
			Rear	240 (2.4, 35)*3
				425 (4.3, 62)*4
		7.50R16–8PRLT or 7.50R16C 8PR	Front	250 (2.5, 36)*3
				250 (2.5, 36)*4
			Rear	300 (3.0, 44)*3
				475 (4.8, 69)*4
		225/95R16C	Front	220 (2.2, 32)*3
				220 (2.2, 32)**4
			Rear	260 (2.6, 38)*3
				450 (4.5, 65)*4

*1: Unladen condition with 2 passengers and 400 kg of luggage
*2: Unladen condition with 2 passengers and 500 kg of luggage
*3: Unladen condition with 2 passengers and 1000 kg of luggage
*4: Fully laden condition

Front wheel alignment	Vehicle height		Clearance *5
	71 series	Front	27 mm (1.06 in.)
		Rear	105 mm (4.13 in.)
	74 series	Front	34 mm (1.34 in.)
		Rear	104 mm (4.09 in.)
	78 series	Front	34 mm (1.34 in.)
		Rear	113 mm (4.45 in.)
	79 series	Front (Standard suspension)	33 mm (1.30 in.)
		Rear (Standard suspension)	159 mm (6.26 in.)
		Front (Heavy duty suspension)	22 mm (0.87 in.)
		Rear (Heavy duty suspension)	132 mm (5.20 in.)
	Camber		1° ± 45' (1° ± 0.75°)
		Right–left error	45' (0.75°) or less
	Caster		
	79 series		3°35' ± 60' (3.58° ± 1.0°)
	Others		4°20' ± 60' (4.33° ± 1.0°)
		Right–left error	45' (0.75°) or less
	Steering axis inclination		13° ± 45' (13° ± 0.75°)
	Toe–in (total)	Bias ply tire	0°12' ± 12' (0.2° ± 0.2°, 2 ± 2 mm, 0.08 ± 0.08 in.)
		Radial tire	0°00' ± 12' (0.0° ± 0.2°, 0 ± 2 mm, 0.00 ± 0.08 in.)
	Wheel angle	Inside wheel	32° (29° – 32°)
		Outside wheel: Reference	28°

*5: Clearance

Front: Distance from the front axle housing to the following spring

Rear: Distance from the rear axle housing to the bumper stopper

Tire runout	3.0 mm (0.118 in.) or less
Imbalance after adjustment	14.0g (0.031 lb) or less