02–50 TECHNICAL DATA

SUSPENSION TECHNICAL DATA. 02–50–1

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A3U025001013W01

Item				Specification		
WHEEL ALIGNMENT						
Front wheel alignment (Unloaded)*1	Maximum steering angle		Inner	37°±3°		
			Outer	33°±3°		
	Total toe-in		(mm {in})	2±4 {0.08±0.16}		
			(degree)	0°12′±24′		
	Camber angle*2			–0°49′±1°		
	Caster angle*2			1°56′±1°		
	Kingpin angle (Reference value)			12°36′		
Rear wheel alignment (Unloaded)*1	Total toe-in		(mm {in})	2±4 {0.08±0.16}		
			(degree)	0°12′±24′		
	Camber angle*2 (Reference value)			–0°31′±1°(14,15inch wheel), –0°34′±1°(16inch wheel)		
	Thrust angle (Reference value)			0°±48′		
WHEELS AND TIRES						
Standard tire wheel	Size			14×5 1/2JJ	15×6JJ	16×6JJ
	Offset		(mm {in})	45 {1.77}		50 {1.97}
	Pitch circle diameter		(mm {in})	100 {3.94}		114.3 {4.50}
	Material			Steel	Steel or aluminum alloy	Aluminum alloy
Standard tire	Size			P185/65R14 85S	P195/55R15 84V	P195/50R16 83V
	Air pressure		(kPa {kgf/cm^2, psi})	220 {2.2, 32}		
	Remaining tread		(mm {in})	1.6 {0.063}		
Standard tire wheel and tire	Wheel and tire runout	Radial direction	(mm {in})	1.5 {0.06 max.}		
		Lateral direction	(mm {in})	Steel: 2.5 {0.10} max., Aluminum: 2.0 {0.08} max.		
	Wheel unbalance*3		(g {oz})	10 {0.35} max.	9 {0.32} max.	8 {0.30} max.
Temporary spare tire wheel	Size			14×4T		15×4T
	Offset		(mm {in})	40 {1.58}		45 {1.77}
	Pitch circle diameter		(mm {in})	100 {3.94}		114.3 {4.50}
	Material			Steel		
Temporary spare tire	Size			T125/70 D14		T115/70 D15
	Air pressure		(kPa {kgf/cm^2, psi})	420 {4.2, 60}		
Temporary spare tire wheel and tire	Wheel and tire runout	Radial direction	(mm {in})	2.0 {0.08} max.		
		Lateral direction	(mm {in})	2.5 {0.10} max.		
FRONT SUSPENSION						
Lower arm ball joint rotation torque (Pull scale reading)			(N {kgf, lbf})	14—44 {1.4—4.5, 3—10}		
Stabilizer control link rotation torque			(N·m {kgf·cm, in·lbf})	0.2—2.5 {1.4—26.0, 1.3—22.0}		
REAR SUSPENSION						
Stabilizer control link rotation torque			(N·m {kgf·cm, in·lbf})	0.2—2.5 {1.4—26.0, 1.3—22.0}		

*1 : Fuel tank is full. Engine coolant and engine oil are at specified levels. Spare tire, jack and tools are in designated positions. Adjust to the median when carrying out wheel alignment.
*2 : Difference between left and right must not exceed **1°30'**.
*3 : 1 balance weight: max. **60 g {2.12 oz}**. If the total weight exceeds **100 g {3.53 oz}** on one side, rebalance after moving the tire around on the rim. Do not use more than 2 balance weights on the inner or outer side of the wheel.