

SUSPENSION

B3E025001013W01

Suspension

Item				Fuel gauge indication				
				Empty	1/4	1/2	3/4	Full
Front wheel alignment (Unloaded)* ¹	Maximum steering angle [Tolerance ±3°]		Inner	39°48'				
			Outer	32°48'				
	Total toe-in	Tire [Tolerance ±4 mm {±0.16 in}]	(mm {in})	2 {0.08}				
		Rim inner		1±3 {0.04±0.12}				
		(degree)		0°11'±0°22'				
	Caster angle* ² (Reference value) [Tolerance ±1°]			2°55'	2°57'	3°00'	3°02'	3°04'
	Camber angle* ² (Reference value) [Tolerance ±1°]			-0°39'	-0°40'			-0°41'
	Steering axis inclination (Reference value)			13°59'	14°00'	14°01'		14°02'
Rear wheel alignment (Unloaded)* ¹	Total toe-in	Tire [Tolerance ±4 mm {±0.16 in}]	(mm {in})	2 {0.08}				
		Rim inner		1±3 {0.04±0.12}				
		(degree)		0°11'±0°22'				
	Camber angle* ² (Reference value) [Tolerance ±1°]			-1°10'	-1°12'	-1°14'	-1°17'	-1°19'
	Thrust angle (Reference value) [Tolerance ±0°48']			0°				
Front lower arm ball joint rotation torque				1.0-4.9 (11-49, 9-43)				
(N·m {kgf·cm, in·lbf})				{Pull scale reading: 10-49 N (1.1-4.9 kgf, 3-10 lbf)}				
Stabilizer control link rotation torque				Front: 0.2-0.9 (3-9, 2-7)				
(N·m {kgf·cm, in·lbf})				Rear: 0.5-2.0 (6-20, 5-17)				

*¹ : Fuel tank full. Engine coolant and engine oil are at specified level. Spare tire, jack, and tools are in designated position. Adjust to the median when carrying out wheel alignment.

*² : Difference between left and right must not exceed **1°30'**.

Wheel and Tires

Item			Specification		
Standard tire and wheel					
Wheel	Size		15 × 6J	16 × 6 1/2J	17 × 6 1/2J
	Offset	(mm {in})	52.5 {2.07}		
	Pitch circle diameter	(mm {in})	114.3 {4.50}		
	Material		Steel	Aluminum alloy	Aluminum alloy

Tire	Size			195/65R15 91H		205/55R16 91V		205/50R17 89V	
	Air pressure (kPa {kgf/cm ² , psi})	Front	Up to 3 persons	220 {2.2, 32}					
			Full load	230 {2.3, 33}					
		Rear	Up to 3 persons	220 {2.2, 32}					
			Full load	310 {3.2, 45}					
	Remaining tread			(mm {in})	1.6 {0.06}				
Wheel and tire	Wheel and tire runout		Radial direction	1.5 {0.06} max.					
	(mm {in})		Lateral direction	2.5 {0.10} max.		2.0 {0.08} max.			
	Wheel imbalance		(g {oz})	Knock-type* ² : 9 {0.32} max.	Adhesive-type* ¹ : 14 {0.49} max. Knock-type* ² : 9 {0.31} max.	Adhesive-type* ¹ : 13 {0.46} max. Knock-type* ² : 8 {0.28} max.	Adhesive-type* ¹ : 11 {0.38} max. Knock-type* ² : 7 {0.25} max.		
Temporary spare tire									
Wheel	Size			15×4T		15×4T 16×4T		16×4T	
	Offset		(mm {in})	45 {1.8}					
	Pitch circle diameter		(mm {in})	114.3 {4.50}					
	Material			Steel					
Tire	Size			T115/70 D15		T115/70 D15 T125/70 D16		T125/70 D16	
	Air pressure	(kPa {kgf/cm ² , psi})		420 {4.2, 60}					
Wheel and tire	Wheel and tire runout		Radial direction	2.0 {0.08} max.					
	(mm {in})		Lateral direction	2.5 {0.10} max.					

*1 : Total weight exceeds **160 g {5.65 oz}** .

*2 : One balance weight: **60 g {2.12 oz}** max. 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 3 or more balance weights.