

SUSPENSION SPECIFICATIONS

id020000100300

Suspension

Item					Specification
Front suspension	Type				Strut type
	Spring type				Coil spring
	Shock absorber type				Low-pressure gas charged, cylindrical, double-acting
	Stabilizer	Type			Torsion bar
		Diameter	(mm {in})		21.0 {0.827}
	Maximum steering angle [Tolerance ±3°]			Inner	37°48'
				Outer	30°54'
	Wheel alignment (Unloaded*1)	Total toe-in [Tolerance ±4 {0.2}]	Tire [Tolerance ±4 {0.2}]	(mm {in})	2 {0.08}
			Rim inner [Tolerance ±3 {0.1}]		1.0 {0.04}
					(Degree)
Caster angle (Reference) [Tolerance ±1°]				SKYACTIV-G 2.0: 6°29' SKYACTIV-G 2.5: 6°29' SKYACTIV-D 2.2: 6°25'	
Camber angle (Reference) [Tolerance ±1°]				-0°22'	
Steering axis inclination (Reference)				12°00'	
Rear suspension	Type				Multi-link
	Spring type				Coil spring
	Shock absorber type				Low-pressure gas charged, cylindrical, double-acting
	Stabilizer	Type			Torsion bar
		Diameter	(mm {in})		2WD: 18.0 {0.709} 4WD: 19.0 {0.748}
	Wheel alignment (Unloaded*1)	Total toe-in [Tolerance ±4 {0.2}]	Tire [Tolerance ±4 {0.2}]	(mm {in})	2 {0.08}
			Rim inner [Tolerance ±3 {0.1}]		1.0 {0.04}
					(degree)
	Camber angle (Reference) [Tolerance ±1°]				-1°01'
	Thrust angle [Tolerance ±0°48']				0°00'

*1 : Unloaded: Fuel tank is full. Engine coolant and engine oil are at specified level. Spare tire, jack and tools are in designated position.

Standard tire

Item			Specification	
Tire	Size		225/65R17 102V	225/55R19 99V
	Size		17 × 7J	19 × 7J
Wheel	Inset	(mm)	50 {2.0}	
	Pitch circle diameter	(mm)	114.3 {4.50}	
	Material		Steel Aluminum alloy	Aluminum alloy

Temporary spare tire

Item		Specification
Tire	Size	185/80R17 95M

Item		Specification
Wheel	Size	17 × 5 1/2J
	Inset (mm)	45 {1.8}
	Pitch circle diameter (mm)	114.3 {4.50}
	Material	Steel