

# Suspension System

**GENERAL**

**@ECU118**

SS -2

SUSPENSION SYSTEM

## GENERAL

### SPECIFICATIONS

E298AEBE

#### FRONT SUSPENSION

Item		Specification	
Suspension type		Double wishbone coil spring	
Shock absorber	Type	Gas pressurized	
	Stroke	112mm (4.41in.)	
	Damping force(Piston speed: 0.3m/s)	Compression	82±15kg (804±147N)
		Extension	124±18kg (1217±177N)
I.D. color		Red	
Coil spring	Free height	341.8mm	
	I.D. color	Red	

#### REAR SUSPENSION

Item		Specification	
Suspension type		5 link coil spring	
Shock absorber	Type	Gas pressurized	
	Stroke	186mm (7.32in.)	
	Damping force (Piston speed: 0.3m/s)	Compression	78±14kg (765±137N)
		Extension	158±23kg (1550±226N)
I.D. color		Yellow	
Shock absorber (Self levelizer)	Type	Gas pressurized	
	Stroke	180mm (7.09in.)	
	Damping force (Piston speed: 0.3m/s)	Compression	36±9kg (350±85N)
		Extension	175±23 (1710±220N)
I.D. color		Yellow	
Coil spring	Free height	353.9mm (13.93in.)	
	I.D. color	Blue	
Coil spring (Self levelizer)	Free height	360.4mm (14.19in.)	
	I.D. color	Purple	

## GENERAL

SS -3

### WHELL AND TIRE

Item		Specification
Tire		225/75 R16
		245/70 R16
		245/65 R17
Wheel		7.0J × 16
		7.0J × 17
Tire pressure	Front	2.1kg/cm <sup>2</sup> (30psi)
	Rear	2.1kg/cm <sup>2</sup> (30psi)

### WHEEL ALIGNMEN

Item		Specification
Toe		0±2mm (0±0.079in.)
Camber angle		0.00±0.5°
Caster angle	To ground	3.89°±0.5°
	To body	4.43°±0.5°
King pin angle		12.13°

**@ECU118**