

SUSPENSION CONTROL

SERVICE DATA

<div style="display: flex; align-items: center;"> <div style="background-color: black; color: white; padding: 5px; font-weight: bold; margin-right: 10px;">SS</div> <div style="padding-top: 10px;">Air suspension</div> </div>	Amount of change in vehicle height		
		N → HI position: N → LO position: N → Get on and off mode position:	30 mm (1.18 in.) 15 mm (0.59 in.) 30 mm (1.18 in.)
	Time of change in vehicle height		
		N → HI position: HI → N position: N → LO position: LO → N position:	40 to 60 seconds 20 to 40 seconds 10 to 30 seconds 20 to 40 seconds
	Time of target height		
		4 people on the vehicle: 4 people out of the vehicle:	40 to 60 seconds 10 to 30 seconds

TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft*lbf
Pneumatic cylinder assembly x Air tube	17	175	13
Height control compressor assembly x Height control dryer assembly	6.4	65	57 in.*lbf
Height control compressor x Rear height control compressor bracket	5.9	60	52 in.*lbf
Height control compressor bracket x Rear height control compressor bracket	19	194	14
Pneumatic w/ tube tank assembly x Body	29	296	21
Height control sensor sub-assembly front x Body	7.8	80	69 in.*lbf
Height control sensor sub-assembly front x Lower arm assembly	5.4	55	48 in.*lbf
Front disc wheel hub nut	103	1,050	76
Height control sensor sub-assembly rear x Rear suspension member sub-assembly	7.8	80	69 in.*lbf
Height control sensor sub-assembly rear x Rear suspension arm assembly No. 2	5.4	55	48 in.*lbf
Height control valve sub-assembly No. 1 x Body	5.4	55	48 in.*lbf
Height control valve sub-assembly No. 2x Body	5.4	55	48 in.*lbf
Suspension control ECU x Air conditioner amplifier assembly	7.8	80	69 in.*lbf

SS