

# SUSPENSION

## SERVICE DATA

### Front suspension

Front wheel alignment	Vehicle height	A - B: D - C:	82 mm (3.22 in.) 12 mm (0.47 in.)	
	Toe-in (total) Rack end length difference		0° +11' (0° +0.19°), 0 +-2 mm (0 +-0.08 in.) 1.5 mm (0.0059 in.) or less	
	Wheel angle	Inside wheel		33°42' (31°42' to 35°42') 33.70°(31.70°to 35.70°)
		Outside wheel: Reference		30°04' 30.07°
	Camber Right-left error		-0°34' +45' (-0.57° +-0.75°) 30' (0.5°) or less	
	Caster Right-left error		1°45' +45' (1.75° +-0.75°) 30' (0.5°) or less	
	Steering axis inclination Right-left error		10°01' +45' (10.02° +-0.75°) 30' (0.5°) or less	
Front suspension	Lower ball joint turning torque		.5.0 N*m (51 kgf*cm, 44 in.*lbf) or less	

**A:**

**Ground clearance of lower suspension arm front bolt center**

**B:**

**Ground clearance of front wheel center**

**C:**

**Ground clearance of axle beam set bolt center**

**D:**

**Ground clearance of rear wheel center**

### Rear suspension

Rear wheel alignment	Toe-in (total)		0°20' +-20' (0.33° +-0.33°, 3.2 +- 3.0 mm, 0.13 +-0.12 in.)
	Camber Right-left error		-0°57' +25' (-0.95° +-0.42°) 45' (0.75°) or less

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## TORQUE SPECIFICATIONS

### Front suspension

Part Tightened	N*m	kgf*cm	in.*lbf
Tie rod end lock nut	74	750	54
Steering knuckle x Shock absorber	132	1,350	97
Front wheel hub nut	103	1,050	76
Suspension support x Piston rod	33	340	25
Suspension support x Body	39	400	29
Speed sensor wire harness bracket set bolt	29	300	22
Cowl top panel outer x Body	5.0	51	44 in.*lbf
Suspension crossmember x Body	Bolt A:	70	52
	Bolt B:	116	86
Suspension crossmember x Transverse engine mounting insulator	80	816	59
Suspension crossmember x Pressure feed tube	7.8	80	69 in.*lbf
Power steering link assembly x Suspension crossmember	74	755	55
Stabilizer bolt set nut	18	180	13
Steering knuckle x Lower ball joint	98	1,000	72
Lower suspension arm x Suspension crossmember	Bolt A:	88	65
	Bolt B:	132	97
Stabilizer bracket No. 1 x Suspension crossmember	37	375	27

### Rear suspension

Part Tighten	N*m	kgf*cm	ft.*lbf
Piston rod set nut	25	255	18
Shock absorber x Rear axle beam	49	500	36
Rear axle hub set bolt	61	622	45
Parking brake cable bracket set bolt	5.4	55	48 in.*lbf
Skid control sensor wire harness bracket set bolt	8.0	82	71 in.*lbf
Rear axle beam x Body	82	836	60
Rear wheel hub nut	103	1,050	76

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