

FRONT SUSPENSION

SERVICE DATA

031U3-01

Front wheel alignment	Vehicle height Except air suspension P225/55 R17 Front: B - A Rear: D - C	105 mm (4.13 in.) 91 mm (3.58 in.)
	Except air suspension 245/45 R18 Front: B - A Rear: D - C	104 mm (4.09 in.) 89 mm (3.50 in.)
Front wheel alignment	Vehicle height Air suspension Front: B - A Rear: D - C	115 mm (4.53 in.) 109 mm (4.29 in.)
	Toe-in (total)	$0^{\circ}06' \pm 12'$ ($0.1^{\circ} \pm 0.2^{\circ}$) 1 ± 2 mm (0.04 ± 0.08 in.)
Front wheel alignment	Wheel angle Inside wheel Outside wheel: Reference	$42^{\circ}10'$ (42.2°) $36^{\circ}15'$ (36.3°)
Except air suspension Front wheel alignment	Camber Right-left error	$-0^{\circ}05' \pm 45'$ ($-0.08^{\circ} \pm 0.75^{\circ}$) 30' (0.5°) or less
	Caster Right-left error	$6^{\circ}45' \pm 45'$ ($6.75^{\circ} \pm 0.75^{\circ}$) 30' (0.5°) or less
	Steering axis inclination Right-left error	$9^{\circ}00' \pm 45'$ ($9^{\circ} \pm 0.75^{\circ}$) 30' (0.5°) or less
Air suspension Front wheel alignment	Camber Right-left error	$-0^{\circ}15' \pm 45'$ ($-0.25^{\circ} \pm 0.75^{\circ}$) 30' (0.5°) or less
	Caster Right-left error	$7^{\circ}15' \pm 45'$ ($7.25^{\circ} \pm 0.75^{\circ}$) 30' (0.5°) or less
	Steering axis inclination Right-left error	$9^{\circ}15' \pm 45'$ ($9.25^{\circ} \pm 0.75^{\circ}$) 30' (0.5°) or less
Front suspension	Lower ball joint turning torque	0.5 to 3.5 N·m (5 to 36 kgf·cm, 4.5 to 31 in.·lbf)
	Stabilizer bar link ball joint turning torque	0.05 to 1.98 N·m (0.5 to 20 kgf·cm, 0.4 to 17 in.·lbf)

A: Ground clearance of lower suspension arm No.1 bush set bolt center

B: Ground clearance of front wheel center

C: Ground clearance of rear suspension arm No.2 set bolt center

D: Ground clearance of rear wheel center