

# FRONT SUSPENSION

## SERVICE DATA

030RA-01

Cold tire inflation pressure	2WD: P205/55R16 89H P215/50ZR17	Front, Rear	220 kPa (2.2 kgf/cm <sup>2</sup> , 32 psi)
	4WD: P205/55R16 89H	Front Rear	240 kPa (2.4 kgf/cm <sup>2</sup> , 35 psi) 220 kPa (2.2 kgf/cm <sup>2</sup> , 32 psi)
Front wheel alignment	Vehicle height		
	2WD Models	Front: A *1 – B *2 Rear: D *5 – C *3	89 mm (3.50 in.) 41 mm (1.61 in.)
	4WD Models	Front: A *1 – B *2 Rear: D *5 – C *4	83 mm (3.27 in.) 38 mm (1.50 in.)
	Toe-in (total)	Rack end length difference	0° ± 12' (0° ± 0.2°), 0 ± 2 mm, (0 ± 0.08 in.) 1.5 mm (0.059 in.) or less
	Wheel angle		
	2WD:	Inside wheel Reference: Outside wheel	36°40' ± 2° (36°67' ± 2°) 31°53' (31.88°)
	4WD:	Inside wheel Reference: Outside wheel	37°03' ± 2° (37°05' ± 2°) 32°02' (32.03°)
Camber			
	2WD: 4WD: Left-right error	-0°34' ± 45' (-0.57° ± 0.75°) -0°29' ± 45' (-0.48° ± 0.75°) 45' (0.75°) or less	
Caster			
	2WD: 4WD: Left-right error	2°47' ± 45' (2.78° ± 0.75°) 2°46' ± 45' (2.77° ± 0.75°) 45' (0.75°) or less	
Steering axis inclination			
	2WD: 4WD: Left-Right error	12°28' ± 45' (12.47° ± 0.75°) 12°13' ± 45' (12.22° ± 0.75°) 45' (0.75°) or less	
Front suspension	Lower ball joint turning torque		0.98 – 4.9 N·m (10 – 50 kgf·cm, 8.7 – 43 in.-lbf)
	Stabilizer bar link ball joint turning torque		0.05 – 1.96 N·m (0.5 – 20 kgf·cm, 0.4 – 1.7 in.-lbf)

\*1: Ground clearance of front wheel center

\*2: Ground clearance of lower suspension arm front bolt center

\*3: Ground clearance of rear axle beam set bolt center

\*4: Ground clearance of rear suspension lower arm rear bolt center

\*5: Ground clearance of rear wheel center