

# Standards and Service Limits

## Steering — Section 17

	MEASUREMENT	STANDARD (NEW)
Steering wheel	Play	5.0 (0.2) max.
	Starting force N (kg, lb) With engine stopped With engine running	120 (12, 26) max. 42 (4.2, 9.3) max. } wheels on the ground
Gearbox	Angle of rack guide screw loosened from locked position	$20^{\circ} + ^5_0$
	Pinion starting preload N (kg, lbs)	30 (3, 6.6)

## Suspension — Section 18

	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT	
Wheel alignment	Camber	Front at inspection	$-0^{\circ} 20' \pm 30'$	—
		at adjustment	$-0^{\circ} 20' \pm 10'$	—
	Rear	at inspection	$-1^{\circ} 30' \pm 30'$	—
		at adjustment	$-1^{\circ} 30' \pm 10'$	—
	Caster	Front at inspection	$+8^{\circ} 00' \pm 45'$	—
		at adjustment	$+8^{\circ} 00' \pm 15'$	—
	Total toe	Front	Out $3.5 \pm 1.0 (0.14 \pm 0.04)$	—
		Rear	In $4.0 \pm 1.0 (0.16 \pm 0.04)$	—
Front wheel turning angle	Inward wheel	$33^{\circ} 06' \pm 2^{\circ}$	—	
	Outward wheel	$26^{\circ} 34'$	—	
Side slip	Front	Out $6.0 \pm 2.0 (0.24 \pm 0.08)$	—	
	Rear	In $6.0 \pm 2.0 (0.24 \pm 0.08)$	—	
Wheel	Rim runout	Axial	0-0.7 (0-0.03)	—
		Radial	0-0.7 (0-0.03)	—
Wheel bearing	End Play	Front	0	0.05 (0.002)
		Rear	0	0.05 (0.002)

## Brakes — Section 19

	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT	
Parking brake lever	Play in stroke 200 N (20 kg, 44 lbs)	To be locked when pulled 10-14 notches	—	
Foot brake pedal	Pedal height (with floor mat removed)	M/T	218 (8.6)	—
		A/T	218 (8.6)	—
Master cylinder	Piston-to-pushrod clearance	0-0.4 (0-0.02)	—	
Disc brake	Disc thickness	Front	28.0 (1.10)	26.0 (1.02)
		Rear	21.0 (0.83)	19.0 (0.75)
	Disc runout	Front	—	0.10 (0.004)
		Rear	—	0.10 (0.004)
	Disc parallelism	Front and rear	—	0.015 (0.0006)
	Pad thickness	Front	11.0 (0.43)	1.6 (0.06)
Rear		9.5 (0.37)	1.6 (0.06)	

M/T: Manual Transmission    A/T: Automatic Transmission