

Standards and Service Limits

Unit of length: mm (in)

Steering — Section 17

		MEASUREMENT	STANDARD (NEW)
Steering wheel	Play Starting force N (kgf, lbf)	M/S P/S engine stopped P/S engine running	5.0 (0.2) max. 20 (2, 4) max. wheels off the ground 120 (12, 26) max. } Wheels on the ground 41 (4.2, 9.3) max. }
Gearbox	Angle of rack guide screw loosened from locked position Pinion starting preload N (kg, lbs)	M/S P/S M/S M/S P/S	15° 20° $\pm 5^\circ$ 7-17 (0.7 – 1.7, 1.5 – 3.8) 1.5 – 2.5 (0.15 – 0.25, 0.33 – 0.55) (without rack) 30 (3, 6.6)

Suspension — Section 18

SUSPENSION — Section 18			MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT
Wheel alignment	Camber	Front	at inspection	-0°20' ± 30' (Except Type S)	_____
			at adjustment	-0°30' ± 30' (Type S)	_____
	Rear	at inspection	-0°20' ± 10' (Except Type S)	_____	
		at adjustment	-0°30' ± 10' (Type S)	_____	
	Caster	Front	at inspection	-1°30' ± 30' (Except Type S)	_____
			at adjustment	-2°00' ± 30' (Type S)	_____
	Total toe	Front	at inspection	-1°30' ± 10' (Except Type S)	_____
			at adjustment	-2°00' ± 10' (Type S)	_____
	Rear	at inspection	+8°00' ± 45' (Except Type S)	_____	
		at adjustment	+8°14' ± 45' (Type S)	_____	
	Front wheel turning angle	Inward wheel	at inspection	+8°00' ± 15' (Except Type S)	_____
			at adjustment	+8°14' ± 15' (Type S)	_____
Side slip	Front	at inspection	Out 3.5 ± 1.0 (0.14 ± 0.04)	_____	
		at adjustment	In 4.0 ± 1.0 (3/16 ± 1/16)	_____	
Rear	Outward wheel	at inspection	33°06' ± 2° (Except Type S)	_____	
		at adjustment	32°58' ± 2° (Type S)	_____	
Wheel	Rim runout	Axial	at inspection	26°34' (Except Type S)	_____
			at adjustment	26°30' (Type S)	_____
Wheel bearing	End Play	Front	at inspection	Out 6.0 ± 2.0 (1/4 ± 1/16)	_____
			at adjustment	In 6.0 ± 2.0 (1/4 ± 1/16)	_____
Wheel	Rim runout	Radial	at inspection	0 - 0.7 (0 - 0.03)	_____
			at adjustment	0 - 0.7 (0 - 0.03)	_____
Wheel bearing	End Play	Rear	at inspection	0	0.05 (0.002)
			at adjustment	0	0.05 (0.002)

Brakes — Section 19

Brakes — Section 19				
	MEASUREMENT		STANDARD (NEW)	SERVICE LIMIT
Parking brake lever	Play in stroke 196 N (20 kgf, 44 lbf)		To be locked when pulled 10 – 14 notches	_____
Foot brake pedal	Pedal height (with floor mat removed)	M/T A/T	218 (8 9/16) 218 (8 9/16)	_____ _____
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	23.0 (0.91)	21.0 (0.83)
	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