

suspension arm can be removed together from the front fork. The front arm rebound stopper can next be removed.

- By removing the 8 mm bolt and the front cushion lower bolt, the front cushion and the front suspension arm can be separated.

C. Inspection

- Check the front cushion spring

	Item	Standard value	Serviceable limit
S 90	Free length	197.7 mm (7.789 in)	Replace if under 178 (7.013 in)
	Loading	16.97 mm/10.2 kg (6.686 in/22.44 lbs)	—
	Tilt	Within 1°	
CL 90 CL 90 L	Free length	197.7 mm (7.789 in)	Replace if under 178 (7.013 in)
	Loading	16.97 mm/10.2 kg (6.686 in/22.44 lbs)	—
	Tilt	Within 1°	
CD 90	Free length	149.5 mm (5.886 in)	Replace if under 135.0 mm (5.32 in)
	Loading	117 mm/76 kg (4.606 in/167.58 lbs)	—
	Tilt	Within 1°	
C 90	Free length	133.4 mm (5.2520 in)	Replace if under 120 mm (4.73 in)
	Loading	112.6 mm/47.5~52.5 kg (4.433 in/104.736 115.763 lbs)	—
	Tilt	Within 1°	
CT 90 (from frame No. 000001A)	Free length	203 mm (8.0 in)	Replace if under 185 mm (7.3 in)
	Loading	119.6 mm/23.5~26.5 kg (4.71 in/51.7~58.3 lbs)	
	Tilt		

- Damping capacity

Model	Damping Capacity
S 90	10 kg/0.5 m/sec (22.1 lbs/20 in/sec)
CL 90 L	"
CD 90	"
C 90	"
CT 90	"

- Dimensions

Item	Standard value	Serviceable limit
S 90 Front fork piston (CT 90 from frame No. 000001A)	30.950~30.975 (1.219~1.220 in)	Replace if under 30.85 (1.215 in)
Front fork bottom case	31.00~31.039 (1.22~1.223 in)	Replace if over 31.10 (1.225 in)
CL90, CL90L Front fork piston	30.950~30.975 (1.219~1.220 in)	Replace if under 30.85 (1.215 in)
Front fork bottom case	31.00~31.039 (1.221~1.223 in)	Replace if over 31.10 (1.225 in)