

SPECIFICATIONS

	STANDARD	SERVICE LIMIT
Wheel bearing play	_____	0.03 mm (0.001 in)
Front wheel runout	Radial	2.0 mm (0.08 in)
	Axial	2.0 mm (0.08 in)
Front axle runout	_____	0.2 mm (0.01 in)
Front brake drum I.D.	109.8 – 110.2 mm (4.32 – 4.34 in)	111 mm (4.4 in)
Front brake lining thickness	3.9 – 4.0 mm (0.154 – 0.158 in)	2.0 mm (0.08 in)
Front shock absorber spring free length	170.6 mm (6.72 in)	165.5 mm (6.52 in)
Suspension arm pivot bushing O.D.	13.96 – 13.98 mm (0.550 – 0.551 in)	13.55 mm (0.533 in)
Suspension arm pivot collar I.D.	14.00 – 14.10 mm (0.551 – 0.555 in)	14.47 mm (0.570 in)
Shock lower mount bushing O.D.	11.96 – 11.98 mm (0.471 – 0.472 in)	11.61 mm (0.457 in)
Shock lower mount collar I.D.	12.00 – 12.10 mm (0.472 – 0.476 in)	12.41 mm (0.489 in)

TROUBLESHOOTING

Hard steering

1. Steering stem bearing adjusting nut too tight
2. Faulty steering stem bearings
3. Damaged steering stem bearings
4. Insufficient tire pressure

Steers to one side or does not track straight

1. Faulty right or left shock absorber
2. Bent front fork arm
3. Bent front axle; wheel installed incorrectly

Front wheel wobble

1. Distorted rim
2. Worn front wheel bearings
3. Faulty tire
4. Axle not tightened properly
5. Worn front suspension arm bushing
6. Loose or bent spokes

Soft suspension

1. Weak shock absorber spring

Stiff suspension

1. Lack of grease in suspension arm bushings

Front suspension noise

1. Worn suspension arm bushings
2. Damaged rebound stopper
3. Loose shock absorber fasteners
4. Lack of grease in suspension arm bushings
5. Lack of grease in speedometer gear housing