

11. Front Wheel/Suspension/Steering/Brake

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Service Information

▲ WARNING

- Inhaled asbestos fibers have been found to cause respiratory disease and cancer. Never use an air hose or dry brush to clean brake assemblies. Use a vacuum cleaner or alternate method to minimize the hazard caused by airborne asbestos fibers.
- A contaminated brake drum or lining reduces stopping power. Discard contaminated linings and clean a contaminated drum with a high quality brake degreasing agent.

- Always check the brake operation before riding the scooter.

Troubleshooting

Hard steering

- Steering top cone race too tight
- Worn or damaged steering stem bearings
- Worn or damaged steering stem bearing races
- Insufficient tire pressure

Steers to one side or does not track straight

- Bent fork
- Bent front axle
- Faulty steering stem bearings
- Bent frame
- Worn or damaged wheel bearings

Front wheel wobbling

- Bent rim
- Worn front wheel bearings
- Faulty tire

Wheel turns hard

- Misadjusted brake
- Faulty wheel bearings

Soft suspension

- Weak fork springs

Front suspension noise

- Fork spring binding
- Loose fork fasteners

Poor brake performance

- Improperly adjusted brake
- Worn brake linings
- Worn brake drum
- Worn brake cam
- Improperly installed brake linings
- Brake cable sticking/needs lubrication
- Contaminated brake linings
- Contaminated brake drum
- Worn brake shoes at cam contact areas
- Improper engagement between brake arm and cam serrations

Brake lever hard or slow to return

- Worn/broken return spring
- Improperly adjusted brake
- Sticking brake drum due to contamination
- Worn brake shoes at cam contact areas
- Brake cable sticking/needs lubrication
- Worn brake cam
- Improperly installed brake linings

Brake squeaks

- Worn brake linings
- Worn brake drum
- Contaminated brake linings
- Contaminated brake drum