

VITAL SIGNSSM STEERING SYSTEM

Many lift trucks may encounter harsh environmental conditions — such as extreme temperature changes and prolonged exposure to chemicals — shift after shift, day after day. This can accelerate the maintenance needs of your steering system and compromise the operation of your lift truck. As a precaution, individual steering system components should be inspected on a regular basis to help minimize downtime and product damage. Some environments or applications may require optional equipment. Ask your Cat[®] lift truck dealer for details.



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- **Steering Cylinder**
- **King Pins and Roller Bearings**
- **Wheel Bearings**
- **Tires and Rims**
- **Hydraulic Lines**
- **Steering Hoses**
- **Steering Linkages**
- **Steer Angle Stops**



A SYSTEM IS ONLY AS STRONG AS ITS WEAKEST LINK

Parts from original equipment manufacturers pass a variety of tests to uphold the warranty protection of your investment. Genuine Cat lift truck parts match our equipment specifications and help provide reliable performance.

Cat lift truck dealers make significant investments in professionally trained service technicians, state-of-the-art diagnostic tools, completely stocked service vans and excellent parts inventory to help keep your lift trucks on the job.



STEERING CYLINDER

Oil leakage from the steering cylinder can contaminate the operating environment and result in "loose" or "wandering" steering.



TIRES AND RIMS

Damage to the steer wheel rim could result in wheel detachment from the spindle or hub. Elongated rim stud bores may result in loose retaining nuts.



STEER ANGLE STOPS

Damage or improper adjustment of steer angle stops may affect turning radius and right angle turning. Steer tire wear, specifically flat spots, could be the result of improper stop adjustment.



KING PINS AND ROLLER BEARINGS

A worn or damaged king pin or roller bearing in the steering knuckle assembly could result in uneven tire wear, difficulty in turning, "loose" or "wandering" steering and accelerated wear of other steer axle components.



HYDRAULIC LINES AND STEERING HOSES

Over time, hydraulic hoses and lines can be damaged from pressure spikes, extreme temperatures or physical damage. A broken hose could result in sudden loss of steering and contamination of the operating environment.



WHEEL BEARINGS

Worn or damaged wheel bearings can result in damage to the steering knuckle, steering beam and/or wheel. It can also result in uneven tire wear and difficulty in steering.



STEERING LINKAGES

Loose steering linkages can lead to slack in the steering or a "loose" or "wandering" steering condition. Ungreased spherical bearings can result in damage to linkages and other steer axle components.



Refer to your operation and maintenance manual for daily inspection and scheduled maintenance intervals.

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