

Spring Forklift Maintenance Checklist

Wear and Tear Inspection

Battery

- Check terminals for corrosion to ensure proper electrical connections.
- Monitor electrolyte levels and specific gravity for optimal performance.
- Well-maintained batteries optimize forklift power and productivity.

Electrical Cables

- Inspect for wear, fraying, or damage to prevent electrical issues.
- Ensure secure connections and proper insulation to mitigate safety risks.
- Regular maintenance minimizes downtime and ensures workplace safety.

Spark Plugs

- Check for fouling, corrosion, or wear to maintain engine performance.
- Replace at recommended intervals for efficient fuel combustion.
- Properly functioning spark plugs contribute to reliable engine operation.

Corrosion Inspection

- Inspect metal components for rust or corrosion caused by environmental factors.
- Corrosion weakens structural integrity and leads to fluid leakages.
- Implement preventive measures such as protective coatings to extend forklift lifespan.

Cooling System Check

- Verify that radiator hose clamps and caps are securely fastened to prevent any coolant leaks, which could lead to overheating.

Air Intake System Inspection

- Confirm that the air intake system is sealed properly to prevent any contaminants from entering the engine.

Brake Examination

- When evaluating the brakes on your forklift, it is essential to assess their height and pressure to ensure they meet safety standards. Brakes should provide sufficient resistance when engaged, allowing for precise control over the vehicle's movement, especially in busy warehouse environments.

Fork Inspection

- Look closely for any visible cracks or damage, particularly along load-bearing areas. Additionally, assess the fork height and thickness, paying attention to signs of bending or thinning, especially in heavily used forklifts.

Steering Wheel Assessment

- Inspect valves, rubber encasements, and connecting hoses for any signs of damage or wear. Properly functioning steering components are crucial for maneuverability and control, especially in tight warehouse spaces.

Transmission Fluid Check

- Check fluid levels regularly and inspect for any changes in color or odor. Bright and clear fluid indicates normalcy, while dark or cloudy fluid may suggest contamination or degradation.

Tire Pressure Verification

- Check tire pressure regularly, especially before shifts or when managing particularly heavy loads. Additionally, inspect tires for any signs of punctures or tears that could compromise safety.

**This checklist is just a starting point for conducting appropriate forklift maintenance inspections.*

For more information on inspecting a Linde Material Handling lift truck or to find your local dealer, visit [kion-na.com](https://www.kion-na.com).