



Manager**Plus**[®]
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The ABCs of Construction Equipment Maintenance

Each piece of equipment at your construction site has a critical job to do. If one machine stops working, it could take days to repair—or weeks, if you have to wait for a replacement part. To avoid delays as you enter your busiest season, don't forget to inspect the following:

A **Accelerators, Alternators & Axles**
Are all in good working condition?

B **Belts, Brakes & Batteries**
Check belts and brake systems; test all batteries

C **Cables**
Cables can become worn and frayed, leading to failure

D **Differentials**
Found in front-wheel, rear-wheel, and AWD vehicles

E **Engines, Electrical & Exhaust**
Are all systems working properly?

F **Forklifts**
An average forklift lasts 10,000 hours¹

G **Gaskets**
Leaking fluids could be a sign of a bad gasket

H **Hydraulics**
Are hydraulic lifts on cranes, forklifts, and other equipment working?

I **Injectors**
Fuel injector systems can become dirty, clogged, or faulty

J **Jacks**
Can they easily be raised and lowered?

K **Knuckleboom Loaders**
Follow manufacturer's guide for preventive maintenance





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L

Lights & Lubrication

Are all equipment lights working?
Is lubrication sufficient?

M

Motors

Test motors to ensure they are running

N

Nottingham Asphalt Tester

Should be calibrated and serviced annually

O

Operator's Manual

Is there one included in every vehicle?

P

Pavers

Ensure pavers are washed at least twice a month to avoid build-up²

Q

Quick Coupler

Worn primary or secondary locking systems can pose a safety risk³

R

Radiators

Drain coolant and fill with antifreeze every 2 years or 30,000 miles⁴

S

Shocks, Struts & Suspension

Are all in good working condition?

T

Tires

Rotate every 5,000-8,000 miles; check pressure monthly⁵

U

Undercarriage

Check tension, drive motor, bolts, sprockets, rollers, and track chains⁶

V

Valves

Inspect at least annually for corrosion, leaks, and cracks⁷

W

Wheel Loaders

Check linkage pins and lubrication on boom, tilt, and bucket⁸

X

eXcavators

Check buckets and blades; rotate cutting edge to double blade life⁹

Y

Yellow PPE

Do you have enough hardhats, safety goggles, and reflective vests?

Z

Zero Gravity Loader

Check all electrical, hydraulic, pneumatic, or magnetic parts

ManagerPlus makes equipment maintenance simple. Using our cloud-based software, you can keep track of all your heavy machinery, plan and schedule preventive maintenance, and keep digital inspection records.

To learn more about our equipment maintenance software,
[request a free demo today.](#)

SOURCES

1. [How Long Will An Average Forklift Last?](#) (Toyota Material Handling)
2. [Asphalt Paving 101](#) (The Asphalt Pro)
3. [Maintenance Management: Quick Couplers](#) (Equipment World)
4. [How to Flush Your Radiator and Cooling System](#) (Popular Mechanics)
5. [National Highway Traffic Safety Administration](#)
6. [Tips To Properly Maintain Your Excavator Undercarriage](#)
7. [Control Valve Preventive Maintenance](#) (Automation Forum)
8. [Wheel Loader Maintenance Tips](#) (Caterpillar)
9. [Eagle Power & Equipment Service Tips](#)