

Fed*Fleet* 2025



**Enhancing Fleet Reliability:
The Power of
Preventive Maintenance**

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What is a preventive maintenance program ?

Fleet preventive maintenance program is a systematic approach to maintaining and servicing a group of vehicles or equipment to prevent breakdowns and ensure their reliability and safety. This program typically involves regular scheduled maintenance tasks and inspections based on manufacturer recommendations and industry standards

Importance of Maintenance

Cost Savings

Maintenance reduces the risk of expensive repairs and prolongs the lifespan of vehicles

Safety Assurance

It ensures the safety of drivers and passengers by identifying and rectifying potential issues

Operational Efficiency

Well-maintained vehicles perform optimally, reducing downtime and boosting productivity

Scheduled Maintenance

Manufacturer recommendations, industry best practices, and specific needs of your fleet. This should include regular inspections, preventive maintenance tasks, and major service intervals

- **Engine Oil Change**
- **Tire rotation**
- **Brake inspections**
- **Drivetrain Service**

Service Intervals
Mileage
Engine hours
Vehicle service life monitor
Gallons of Fuel

Unscheduled Maintenance

Specifically refers to unexpected repairs or maintenance needs that arise within a fleet

Mechanical breakdowns

Component failures

Accidents or collisions

Proactive Preventive Maintenance

Adhere to a strong preventive maintenance schedule

Consider factors beyond the manufacturer's suggested service intervals, such as vehicle age, mileage, route, payload, and geographical location

Driver Vehicle Inspection Reports (DVIRs) play a crucial role in identifying recurring issues that could escalate into larger problems

Utilize fleet management software to centralize data and create effective PM schedules

Develop strategies to minimize downtime and allocate labor hours efficiently

Cost Monitoring

Keep track of maintenance costs for each vehicle to monitor expenses and identify cost-saving opportunities. This includes costs for parts, labor, and any external services

Q&A

Open Discussion

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Thank you!