Ford EV Transit Van Maintenance Information

Key Differences from Fossil Fuel Vans

- **No Oil Changes:** Electric powertrain means no engine oil to change.
- **Fewer Parts:** Fewer moving parts, reducing some traditional maintenance tasks.
- **Regenerative Braking:** Significantly reduces wear on brake pads and rotors.

Maintenance That Is Not Required

Due to the absence of an internal combustion engine, the following maintenance tasks are not required for the Ford E-Transit:

- Engine oil and filter changes
- Engine air filter replacement
- Spark plug replacement
- Fuel filter replacement
- Inspecting/replacing engine accessory drive belts (e.g., serpentine belt)

The Ford E-Transit electric van requires significantly less maintenance than a gas-powered model, primarily focusing on tire care, fluid checks, and general inspections, with no need for oil changes or engine-related maintenance.

Key Maintenance Areas & Intervals

- **General Inspections (PM Service):** Multi-point checks, suspension, steering, fluid levels, lights, wiper blades.
- **Tires:** Rotate tires every 10,000 miles (12 months) to ensure even wear, as the added weight and immediate torque of an EV can cause faster tire wear.
- **Brakes:** Inspect pads/rotors periodically. The regenerative braking system significantly reduces wear on the physical brake pads, meaning they last longer. The brake system should be inspected annually, and the brake fluid should be replaced every 3 years or 30,000 miles**.** less frequent replacement needed due to regen braking; check brake fluid.
- **Transmission Fluid**: The electric motor uses a single gear, so transmission fluid changes are less frequent than in gas engines. Refer to your owner's manual for the specific service schedule, often around 100,000 miles for the electric drive assembly fluid.
- **Cooling System:** Check coolant levels and for leaks. The EV battery and motor have a dedicated thermal management system. The coolant level should be checked regularly, and a full replacement may be needed at specific long-term intervals, such as 200,000 miles for the battery coolant, per the owner's manual.
- **Battery/Electrical:**
    - **Every 10-15k:** Visual checks of high-voltage cables.
    - **Every 30k:** Battery health check, cooling system inspection.
    - **Every 60k:** Cooling system flush, software updates, more thorough battery diagnostics.
    - **Every 100k:** Deep electrical system inspection, battery diagnostic.

- **12V Battery Check**: The traditional 12V battery powers many internal systems and is vital for software updates. It should be checked regularly for corrosion and charge levels.
- **Software Updates**: The vehicle receives over-the-air software updates to keep systems current and optimize performance. These can often be scheduled for convenient times, like overnight.

Additional information can be found at:

Look Up Your Ford Vehicle Maintenance Schedule