DPF Manual Regeneration Guide

Ford Transit 2.0 EcoBlue
Issued by RubyTune Ltd – ECU Calibration & Diagnostics Specialist

This vehicle has the DPF soot level display and manual regeneration function enabled. This allows soot accumulation to be monitored and, when necessary, a stationary regeneration to be carried out.

In most cases, allowing the vehicle to complete regeneration while driving is the preferred and most effective method.

Preferred Method – Driving Regeneration (Recommended)

Driving regeneration is more efficient and places less stress on engine components and engine oil.

When soot levels are elevated – 85% or higher:

- Drive at steady speeds where possible (ideally above 40 mph)
- Keep engine speed above approximately 2,000 RPM
- Continue driving until soot levels reduce

Avoid repeated short journeys when soot levels are high, as this can interrupt regeneration and allow soot levels to increase further.

When Manual Regeneration Becomes Available

The manual regeneration function is designed as a recovery method when driving regeneration has not been possible.

When soot levels reach approximately 85% or higher:

- Enter the vehicle menu
- Navigate to:

Settings → Maintenance → Exhaust Filter

When Ford's conditions for regeneration are met, the display will automatically show:

"Hold OK to Clean"

Manual Regeneration Procedure

Before starting regeneration:

- Park the vehicle outside in a safe, well-ventilated area
- Apply the handbrake
- Ensure the vehicle is in neutral
- Ensure the engine is running at idle & at normal operating temperature

To begin regeneration:

- Press and hold the OK button when prompted
- Follow the instructions displayed on the screen
- Wait until the display confirms the process is complete

Important – Do Not Interrupt the Process

During regeneration:

- Do NOT press the accelerator, brake, or clutch pedals
- Do NOT release the handbrake
- Do NOT switch off the ignition
- Do NOT move the vehicle

Interrupting regeneration may prevent successful completion and can, in some cases, result in a temporary no-start condition.

If this occurs:

- Lock the vehicle
- Leave it undisturbed for approximately 30 minutes
- Then attempt to restart normally

Important Safety Information

During regeneration:

- Exhaust temperatures can exceed 600°C
- Heat will be present underneath and at the rear of the vehicle

Always ensure:

- The vehicle is outdoors
- No flammable materials are nearby

- No persons or animals are near the exhaust
- The process is supervised at all times

Important Note

Manual regeneration should only be used when necessary.

Regular driving regeneration is the preferred method and helps:

- Reduce engine oil contamination
- Reduce mechanical stress
- Support DPF longevity
- Support overall engine reliability

If you experience repeated high soot levels or regeneration issues, diagnostic inspection may be required.

RubyTune Ltd
ECU Calibration & Diagnostics Specialist
Kent & East Sussex