

EURO 6 REMANUFACTURING PROGRAM

DAF/Volvo/Mercedes/Iveco/MAN/Scania

The Excalibre Remanufacturing (Reman) Program is a cost-effective alternative to buying a new Euro 6 exhaust for your vehicle.



Excalibre Reman in 3 Steps

- 1** System fully inspected and condition report provided to customer.
- 2** Unit remanufactured
 - DPF and any oil-soaked parts cleaned or replaced.
 - Oxidation and AdBlue (SCR) catalyst replaced with OE or Type Approved technology.
 - Sensor Ports replaced or repaired.
 - Mechanical integrity checked and repaired.
 - Option to replace NOx and temperature sensors.
- 3** Advice and support provided to the customer to determine cause of failure and ensure vehicle engine is operating correctly.

LEADING THE WAY IN REMANUFACTURE, DPF CLEANING AND RETROFIT SOLUTIONS

Excalibre Technologies provide a wide range of services and products including Remanufacture of Euro 6 exhausts, DPF cleaning, Clean Air Zone retrofit systems, and aftermarket parts. With over 20 years experience we pride ourselves on fantastic market knowledge and excellent customer service, making us a strong partner for truck, bus and off-road machinery operators.

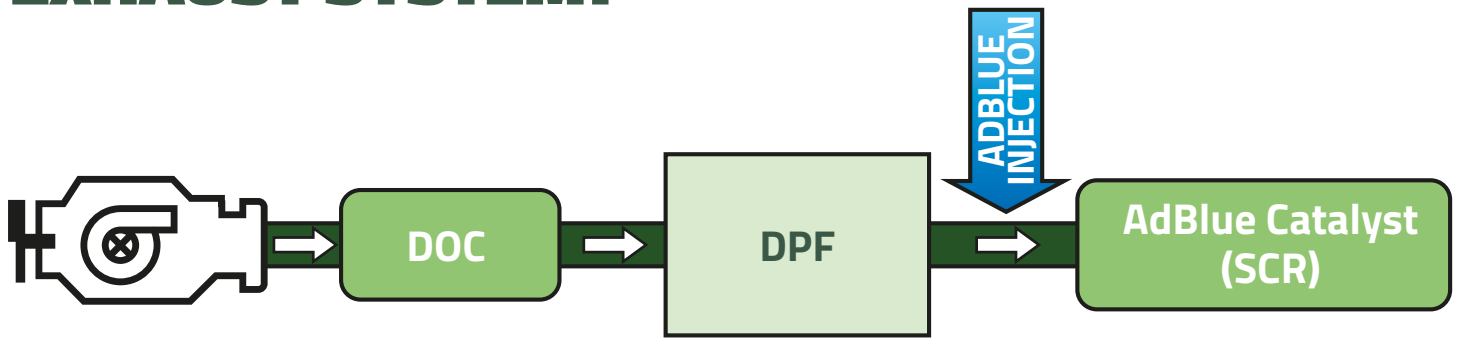


"Excellent service, one-stop shop with rapid turnaround".
Truck Rental Business



"If Excalibre can't fix it then no one can".
London Bus Operator

WHAT IS A EURO 6 EXHAUST SYSTEM?



Euro 6 technology began introduction in 2013 to meet Emission regulations in Europe.

The system consists of 3 types of emission technology working together, the:

- Oxidation catalyst (DOC) reduces Hydrocarbons and enables DPF to work.
- Diesel Particulate Filter (DPF) eliminates soot/carbon particles.
- AdBlue injection and catalyst (SCR) reduces Nitrous Oxide emissions.

WHY CAN THE SYSTEM FAIL?

- Engine-out emissions should be checked periodically to ensure they are in-line with the manufacturer limits.
- The DOC is a robust technology and should not fail. It may require cleaning if subject to oil contamination.
- The DPF traps soot within the unit and "burns" the retained carbon. Ash will remain in the unit after burning, which will build-up over time. Regular maintenance/cleaning of the DPF will ensure the system works correctly and doesn't cause other issues such as high backpressure which can cause turbo failure and or damage to the engine.
- If the DPF is blocked or partially blocked when the carbon burns it can cause high temperatures (+600 degrees centigrade) within the Euro6 system. These high temperatures can cause the AdBlue catalyst to deactivate. A deactivated catalyst cannot be repaired and will need to be replaced.

HOW DO YOU GET IT WORKING AGAIN?

- A new system can be fitted. If the system is no longer under warranty the cost can be extremely high.
- The alternative is to purchase from, or have the system remanufactured by, a reliable emission expert.
- Once the system is replaced the fault codes on the vehicle will need to be reset.

HOW SHOULD IT BE REPAIRED?

- The repairer **must** use Original Equipment (OE) or Type Approved catalyst to maintain the vehicle integrity.
- The company should have ISO9001 approval to ensure product quality is maintained.
- Minimum of 3-year warranty should be expected on the catalyst.

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