

HOW OUR EURO 6 SOLUTION WORKS

1. Engine

New engine components improve gas-flow and ensure the exhausts reach the after-treatment system at optimum temperature.

2. Seventh injector

A special diesel injector is used for heat management of the DOC and ensures the efficiency of the DPF and good SCR functionality.

3. Diesel Oxidation Catalyst (DOC)

The DOC produces the NO₂ necessary for the DPF to efficiently combust the particulates. In cold conditions, it also provides the heat needed for regeneration.

4. Diesel Particulate Filter (DPF)

The filter collects and stores particulate matter (PM) until it's burned off during regeneration. Regeneration happens automatically – you don't need to take any action.

5. Selective Catalytic Reduction (SCR)

In the mixing zone, the exhausts are sprayed with AdBlue. When they reach the catalyst, the nitrogen oxides (NO_x) are efficiently transformed into harmless nitrogen gas and water.

6. Ammonia Slip Catalyst (ASC)

The last step before the tailpipe where the remaining ammonia (NH₃), if any, is removed.

