



The ADI Exhaust Atomizer (DPF 99).

The ADI Exhaust Atomizer is a tool that induces an atomized chemical spray into the DPF to remove soot and particulate matter from the filter. This tool reduces service time as it does not require the removal of the DPF. This helps to extend the life of the DPF, improve the performance of the filter and reduce untimely regenerations thereby increasing uptime.



- With the tool there is no need to remove the DPF as the ADI Exhaust Atomizer allows you to easily service the DPF through a temp. sensor located in the DPF.
- The service can be completed in less 1 hour and requires a regen after the Diesel Induction Cleaner has been induced into the DPF.



Test 1: In a test completed in May 2013 with Challenger Trucking on a Volvo truck, the DPF showed a soot level of 44%. After completing the service by using the ADI Exhaust Atomizer the soot level dropped to 18%. A regen was then run to complete the cleaning process and the final reading measured a soot level of only 2%. This represents a 96% reduction in the soot level of the DPF. The service time was approximately 1 hour.

Test 2: In a test completed in Nov. 2013 on a Prevost bus, the DPF showed a soot level of 76%. After completing the service and running a regen. the soot level dropped to 6%. This represents a 92% reduction in the soot level of the DPF. The service time was approximately 30 min.

Another test was completed without using the ADI Exhaust Atomizer. By simply running a regen the soot level on another bus went from 86% to 46%. This represents a reduction of only 47% in the soot level of the DPF.

