



Attracting savings

M/F was asked to complete emissions trials on behalf of Quattro Plant at their depot in Scotland. The test comprised of a before and after scenario; The vehicles that were on trial had their engines emission tested before the fitting of the M/F device, after the fitting was completed readings of the vehicle's emissions were taken once more. After a period of around a month the same vehicles had their emissions taken.

Vehicles under trial included the following;

Ford Ranger reg no SA69GDX Range Rover reg no SO19CKY Mercedes van reg no BD19DXL

DAF Truck reg no CA16VZP Volvo 750hp Tractor unit reg no AB20KAN

The emissions tester used for to detect the emissions was a Snap-On device and holds a current calibration certificate.

Vehicles were recorded at idle and full speeds where applicable.

Prior to fitting Prior to fitting After fitting unit After fitting unit 4 weeks later 4 weeks later

CO2	NOX	CO2	NOX	CO2	NOX	
Low Revs						
SA69GDX	4.5	44	5.1	05	3.5	72
High Revs	10.4	211	8.6	179	2.6	129
Low Revs						
SO19CKY	5.1	31	5.1	29	4.2	114
High Revs	4.0	181	3.6	123	2.7	14
Twin exhausts fitted to this vehicle, can only take readings from one outlet.						
Low Revs						
BD19DXL	17.33	144	14.5	37	2.1	19
High Revs	3.7	211	3.4	175	3.1	126
Low Revs						
CA16VZP	2.0	245	2.7	140	2.4	147
High Revs	3.8	324	2.7	178	3.5	33
Low Revs						
AB20KAN	1.8	108	1.5	58	2.0	12
High Revs	3.9	168	2.7	121	2.6	95
Auxiliary engine as fitted to brush						
Low Revs	4.3	245	6.8	140	2.3	257
High Revs	5.8	524	3.6	178	3.5	97



Attracting savings

Summarising emission test results;

This was a wide variety of vehicles under trial ranging from a pickup to a top of the range Volvo Truck.

All vehicles under trial have shown a significant reduction on their CO2 and NOX values, coupled with an average fuel saving ranging from 8% on the truck to an average 18% on the Car/Van units, for every 1% fuel saving equates to a 1% emission saving.

Due to the cleaner burn created by the device under extensive oil sampling trials it was shown that there was a 65% reduction in harmful contaminates entering the engine oil, thus extending an engine's life expectancy as with reducing carbon entering an engine's EGR valve.

The device is easily removed from an existing engine and fitted to your replacement vehicle.