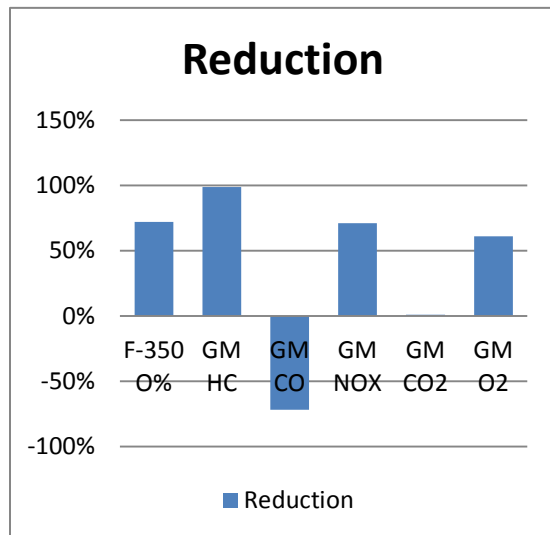




## Robert & Christian Schmidt: SER Review

Father and son, Robert & Christian Schmidt participated in a private trial program of the Smart Emissions Reducer. Robert tested his 2002 Cadillac Escalade, while Christian tested his 2006 Ford F-350 with the Power Stroke turbo diesel.

	April	June	Reduction	Miles
<b>F-350 Opacity%</b>	2.13%	0.60%	<b>72%</b>	2755
<b>GM HC</b>	86 ppm	1 ppm	<b>98.80%</b>	1048
<b>GM CO</b>	0.11%	0.19%	<b>-72%</b>	
<b>GM NO<sub>x</sub></b>	38 ppm	11 ppm	<b>71%</b>	
<b>GM CO<sub>2</sub></b>	15.10%	14.90%	<b>1%</b>	
<b>GM O<sub>2</sub></b>	0.46%	0.74%	<b>61%</b>	



Christian's F-350 showed a **reduction in opacity of 72%** with an accumulation of 2755 miles.

Robert's Caddy has a "Check Engine" light, and only traveled 1048 miles. Considering it had 184,555 miles at the start of the test, there are most likely the majority of the gains left to be realized. The increase in CO emissions (from 0.11% to 0.19%) is probably a sign of the SER cleaning out the engine still. Even so, HC emissions were reduced from 86 PPM (Parts Per Million) to a negligible 1 PPM, and NOX was reduced from 38 PPM to 11 PPM. This is significant as initial readings were taken in April when the ambient temperatures were probably 20+ degrees cooler than for the June readings.

As of this writing (June 21, 2013) no official fuel economy numbers have been submitted by the Clients.