

Diesel Fuel Savers, LLC  
Vapster-Diesel Products  
4552 Highgate Dr.  
Delray Beach, FL 33445

January 2, 2016

To: VW Executives

Wolfsburg, Germany

This letter is addressing the dire environmental concerns of our planet. The climate is definitely changing and you would have to be a fool or dead not to notice. My concerns are the effect of car exhaust into the atmosphere most notably emissions from diesel engines. These diesel emissions do contribute to the overall pollution problem. I personally have been working with combustion engines for over forty years. The last ten have been devoted to exhaust emissions from diesel engines. Myself, Gerald Rowley, CTO, Diesel Fuel Savers, LLC and university assistants from Florida Atlantic University, Boca Raton, Florida have helped to develop products that reduce exhaust emissions using P.C.E.R.T. (PRE COMBUSTION EMISSIONS REDUCING TECHNOLOGY). This Technology has been transferred into a line of products called Vapster-Diesel. These products have been introduced into numerous classes of diesel engines ranging in size from 1.9L to 14.6L since 2008.

Instead of boring you with all the types of applications for our products I would like to focus on our recent application and test results on one of your VW products, most notably a 2006 VW Jetta TDI with a 1.9L diesel engine. This is the last year your company, VW, introduced this model into the United States before the 2009 year models with the tainted software package. We have been testing our product, a Vapster-Diesel RV-3300 Dual Catalyst, on this vehicle since August of 2015 with very good results. We are very adept about the compression combustion process and are considered experts in this field relating to our P.C.E.R.T. technology (4 U.S. patents issued). Instead of going into a long dissertation of the how and the why of our technology I would like to focus on the results of our products on this model VW car. We believe this technology is your solution to your emissions situation. We believe

that this technology will work well or better on your newer diesel vehicles (2009-2016+ years) avoiding any computer software issues.

Below is a table summarizing the exhaust gas emission results on the VW 2006 Jetta TDI with the 1.9L diesel engine with a Vapster-Diesel Dual Cat RV-3300 unit. The testing was completed over several days and at different times of the day to account for any variations in testing that may occur due to varying ambient air temperatures and varying humidity levels.

The table that follows shows the reduction of emission gases, NoX and CO, using the Vapster-Diesel RV-3300 Dual Cat.

Another table follows that shows the reduction of exhaust gases, CO2 and HCHO, on the 2006 VW Jetta TDI using the Vapster-Diesel RV-3300 Dual Catalyst.

**Emission Tests on a 2006 VW Jetta TDI 1.9L engine with a RV-3300 Unit**

Gas Type	NoX Tier 3 Standard	NoX @ Idle w/ RV3300	NoX @2000 Rpms w/RV3300	CO Tier 3 Standard	CO @ Idle w/ RV3300	CO @ @ 2000 Rpms w/RV3300
Levels	.160	.01	.02	4.2	.34	.89
Measurements	Gms./mi	Gms./mi	Gms./mi	Gms./mi	Gms./mi	Gms./mi
Difference		-.15	-.14		-3.86	-3.31
% Difference		-93%	-88%		-92%	-78%

The emission tests were completed on the 2006 VW Jetta TDI using a popular and reliable 5 Gas Emissions Analyzer, “the EMS Portable Emissions Unit Model 5002.” Each emission test was repeated 4 times and the average of the 4 readings was used in the tables. These averages are compiled in the emission results tables. The first table is for NoX and CO emission exhaust gases.

The second table represents the results for emissions on the 2006 VW Jetta TDI for the Emission Gases CO2 and HCHO.

**Emission Tests on a 2006 VW Jetta TDI 1.9L engine with RV-3300 Dual Catalyst Unit for CO2 and HCHO**

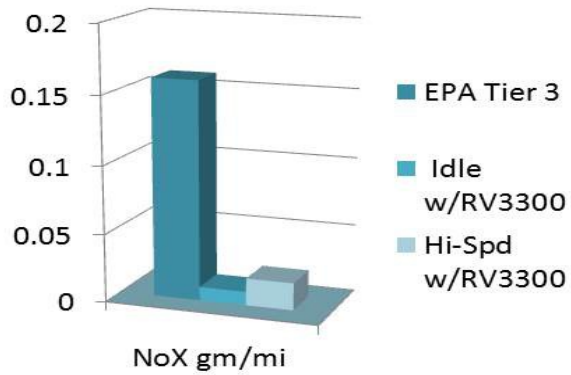
Gas Type	CO2 Tier 3 Standard Per Footprint	CO2 @ Idle w/ RV3300	CO2 @2000 Rpms w/RV3300	HCHO Tier 3 Standard	HCHO @ Idle w/ RV3300	HCHO @ 2000 Rpms w/RV3300
Levels	230	219.44	218.57	.04	.03	.04
Measurements	Gms./mi	Gms./mi	Gms./mi	Gms./mi	Gms./mi	Gms./mi
Difference		-10.56	-11.43		-.01	.00
% Difference		-4.59%	-4.96%		-25%	0.0%

The chart below shows EPA Tier 3 Standards for emission gases for NoX and CO vs. the Vapster-Diesel Dual Catalyst RV-3300 on a Stock 2006 VW Jetta TDI with 1.9L diesel engine.

# EPA Tier 3 vs. Vapster-Diesel RV3300

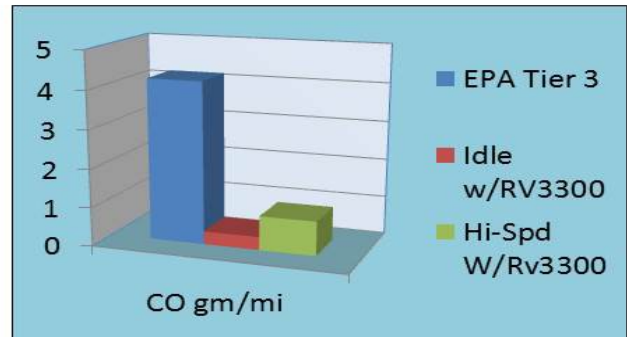
EPA Tier 3 Standard is in DARK BLUE

## NoX Emissions



EPA Tier 3 Standards is in DARK BLUE

## • CO Emissions



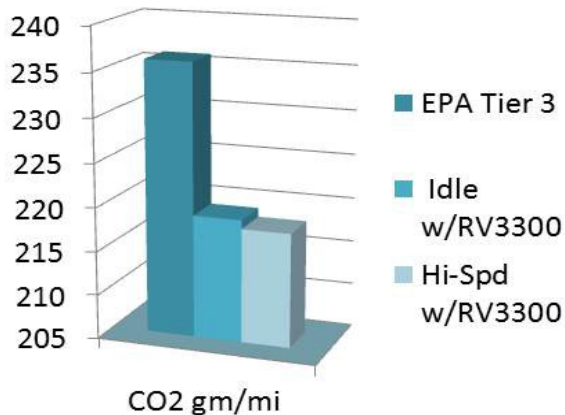
The chart below shows EPA Tier 3 Standards of CO<sub>2</sub> and HCHO gas emissions vs. the Vapster-Diesel Dual Catalyst RV-3300 installed on a Stock 2006 VW Jetta TDI with 1.9L diesel engine.

# EPA Tier 3 Standard vs. Vapster-Diesel RV3300 on 2006 VW Jetta TDI

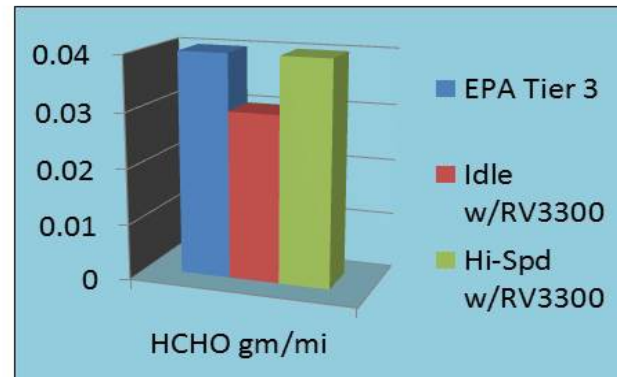
EPA Tier 3 Standard is in DARK BLUE

EPA Tier 3 Standards is in DARK BLUE

**CO2 Emissions**



**HCHO Emissions**



Based on the evidence presented and numerous applications of our products on other diesel engines in the field we are confident the Emission Reduction Performance of the Vapster-Diesel Dual Catalyst RV-3300 will transfer to your VW diesel products for years 2009-2016.

In addition, to Emission Gas Reduction by our products we have increase horsepower and increase Fuel Mileage Performance. Below is a table showing EPA Fuel Mileage Estimates on VW Jetta TDI with manual transmission from 2006 to 2015.

## EPA ESTIMATES FOR VW JETTA TDI WITH MANUAL TRANSMISSION

### YEARS 2006-2015

Year VW Jetta TDI	Transmission Type (Manual)	EPA Estimated City MPG's	EPA Combined MPG's	EPA Highway MPG's
2006	5 Speed	30	33	37
2009	6 Speed	30	34	41
2010	6 Speed	30	34	41
2012	6 Speed	30	34	42
2013	6 Speed	30	34	42
2014	6 Speed	30	34	42
2015	6 Speed	31	36	46

Below is a chart showing fuel mileage records of baseline fuel mileage results vs. fuel mileage results using the Vapster-Diesel RV-3300 Dual Catalyst on the 2006 VW Jetta TDI with the 1.9L diesel engine. This demonstration VW Jetta has a 5 speed manual transmission with 88,000 miles and is in good mechanical condition. Highway mileage was recorded over a designated and measured course over Interstate Roadways. Highway mileage results were completed driving the course at 70 miles per hour and timed. Average distance of each trip was approximately 225 miles.

Combined driving was recorded using daily travel routes and accounting for 50% city driving and 50% highway driving.

Demonstration VW 2006 Jetta TDI 1.9L	Combined Driving Mileage	Average Combined MPG	Highway Driving MPG	Average Highway MPG
Baseline	30-33	31.5	40-43	42
w/RV-3300 Dual Cat.	36-39	38	47-58	51
Difference of Averages		+6.5 mpg		+9.0 mpg
% Difference of Averages		+20.6%		+21.4%

We strongly stand behind the performance and reliability of our products. We are open to demonstrate our products on any VW diesel vehicle you may have an interest most notably a late model VW Jetta TDI (2009-2016) with any tainted software removed. We can perform the demonstrations here in the United States or in Germany. We can perform numerous demonstrations on any number of vehicles. You can provide the test vehicles and we will install the equipment. You can choose the emission testing facility or emission testing equipment.

Look forward to hearing back from you.

Sincerely,

Gerald Rowley, Inventor, CTO, Diesel Fuel Savers, LLC, 954-296-2559  
[www.vapsterdiesel.com](http://www.vapsterdiesel.com)