



*Promoting the Professional, Social, and Personal interaction between Members of the Fleet Management Profession*

**SGFMA is partnering with Carolina BG to offer YOU another opportunity for FREE Training!**

## **TECHNICAL WEBINAR on DIESEL EXHAUST SYSTEMS**

In this class, the participant will learn the basics of Diesel Exhaust After-Treatment Systems, the devices used, how they work and what makes them fail. Today's high-tech HDPI/Common Rail Diesel engines, by EPA mandate (Some 2007 and all 2011 and newer vehicles) , now include very precise, sensitive and complicated computer-controlled Diesel After-Treatment Systems to reduce tailpipe emissions and help "increase fuel economy".

Each manufacturer has it's own diagnostic strategy and components, but all vehicles with these systems exhibit similar, (or exactly the same conditions out in the field) , with some miles on them. The manufacturer generally does not address or even acknowledge field problems resulting from diesel fuels, lube oils and maintenance intervals in their diagnostic strategy, yet this is the root cause of most problems and repairs, DURING and AFTER warranty.

### **THIS CLASS COVERS**

**Basic Emissions Controls Overview—EGR Systems Theory (and why they coke) - DPF (diesel particulate filter) Theory of Operation & Cleaning Practices—SCR (Selective Catalyst Reduction) Description and Theory of Operation—Proper Preventative Maintenance vs. OEM Extended Maintenance Practices and How This Affects DPF/SCR Applications—Out of the Box Diagnostic Ideas and Strategies—Diesel Exhaust After-Treatment Technical Issues and Field Fixes.**

**This class is recommended for all employees dealing with HPDI/CRD high pressure systems with Diesel Exhaust After-Treatment Systems.**

**This class is brought to us by Carolina Industrial & Fleet Services, the fleet division of Carolina BG. The instructor is Mr. Gary Smith of GSS Enterprises.**

**Please email me at the following email address before March 13th to advise if you and/or how many of your employees would be interested in this webinar training. The date and time for this webinar will be April 3rd at 2:00PM and will last approximately one and one half hours with a question and answer session at the end. I need the number of folks planning to join the webinar to coordinate planning with the instructor and GSS Enterprises. The information to join the webinar will be provided via email on March 18<sup>th</sup>.**

**Thank You, Jimmy Brown. ----- [jbrown@greenwoodsc.gov](mailto:jbrown@greenwoodsc.gov)**

Contact for Registration --Jimmy Brown--Office-864-942-8598

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