

# Parts & Service

*From your friends at New York Bus Sales*



## UPDATE

*New York Bus Sales realizes that while Blue Bird does a great job with their “Driver Handbook” that there are many times when the normal driver of a new bus may be replaced and many times that may be for a field trip. While the new driver may have read the driver handbook or attended a driver orientation, it may have been sometime since and they may have forgotten some of the symbols surrounding the new emissions.*

*For this we have made up decals (FIGURES #1 & #2) which we will be installing in all of our units so that driver’s can give themselves a quick refresher before driving or if a light or buzzer does appear they have an indication immediately of what it is.*

*There are also some requirements for maintenance and we will be affixing a decal (FIGURE #3) in the engine compartment so technicians are reminded.*

## What's New on Your EPA 2010 Engine

### Diesel Exhaust Fluid (DEF) Lamp



#### Illuminated

An illuminated DEF lamp is an indication that the DEF level is low. This can be corrected by refilling the DEF tank.



#### Flashing

A flashing DEF lamp indicates that the DEF level has fallen below a critical level. This can be corrected by refilling the DEF tank.



#### Flashing with Warning or Check Engine Lamp

A flashing DEF lamp combined with an illuminated Warning or Check Engine lamp indicates that the DEF level is critically low and you will experience a power loss. Normal engine power will be restored after refilling the DEF tank.



#### Stop Engine Lamp with Flashing DEF and Warning or Check Engine Lamp

If the engine has been shut down or has idled for 20 hours after the DEF tank has been run dry, the Stop Engine Lamp will also be illuminated along with the flashing DEF lamp and illuminated Warning or Check Engine lamp. Engine power will continue to be reduced automatically. The vehicle will also be limited to 5 miles (8 km) per hour (MPH) speed limit. Normal engine power and vehicle speed will be restored after refilling the DEF tank.



**FIGURE #1 – PART #397**

***These are Actual Sizes!***



**NEW YORK BUS SALES**

### Information for EPA 2007 and Later Engines

#### High Exhaust System Temperature (HEST) Lamp



The HEST Lamp illuminates to indicate that high exhaust temperatures may exist due to aftertreatment regeneration. This is normal and does not signify the need for any kind of vehicle or engine service. When this lamp is illuminated, ensure that the exhaust pipe outlet is not directed at any combustible surface or material. Reference your Cummins Owners Manual for complete instructions.

#### Aftertreatment Diesel Particulate Filter (DPF) Lamp



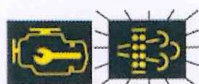
##### Illuminated

The Aftertreatment DPF Lamp indicates, when illuminated or flashing, that the Aftertreatment DPF requires regeneration. This is accomplished by the following:



##### Flashing

If a regeneration is not performed in a timely manner after the DPF lamp is illuminated, the DPF lamp will begin to flash. This indicates a higher level of soot in the DPF. In addition, engine power may be reduced automatically. Note: Automatic power reduction does not apply to emergency vehicle applications.



##### Flashing with Warning or Check Engine Lamp

A flashing DPF lamp combined with an illuminated Warning or Check Engine Lamp indicates that the Aftertreatment DPF needs regeneration immediately. Engine power will be reduced automatically. A Parked regeneration is required.



##### Stop Engine Lamp

If a Parked regeneration is not performed, the red Stop Engine Lamp will illuminate. The vehicle should be stopped as soon as it can safely be done until it can be repaired.

**FIGURE #2 – PART #398**

### Fuel, Oil and Aftertreatment System Maintenance

- Only use Ultra Low Sulfur Diesel (ULSD) fuel.
- CJ-4 (low ash) is the recommended oil.
- CI-4+ is permitted. Read your Cummins Owners Manual for specific details.
- Be sure to check DEF gauge at every refueling. DEF meeting ISO 22241-1 must be used.
- Never put DEF in anything but the DEF tank, which has a blue cap.

**FIGURE #3 – PART#399**

**UPDATE – July 17, 2013 –**

**FOR THE 2013 EMISSIONS WE WILL BE “ADDING” A NEW DECAL (FIGURE #4) TO HELP EXPLAIN THE NEW 2013 OBD EMISSIONS “MIL” LIGHT TO THOSE DRIVERS UNFAMILIAR WITH ITS OPERATION.**

**PLEASE NOTE – ALL THE OTHER DECALS WILL REMAIN AS THEY DEAL WITH EARLIER EMISSION STANDARDS WHICH REMAIN ON THE NEWER UNITS!**



"MIL" LIGHT - Yellow

This unit meets 2013 Emissions and as part of the new system there is a new light on the dash –  
As pictured to the left –  
Should that light illuminate yellow...it is an indication that the Emission System is not operating properly and the unit should be serviced at the next convenient time-

**It is NOT necessary to pull over!**

**If there is a major issue the "Engine Warning" or "Stop Engine" lights will illuminate!**

**Figure #4 Part #413**

***We will be sending these out to customers who have already received units with 2013 Emissions engines, if we fail to get them to you....PLEASE CALL US!***

*Contact Our Service Department With Any Questions*

**CHITTENANGO** – phone 800-962-5768 or  
Daryl Wallace : [dwallace@newyorkbussales.com](mailto:dwallace@newyorkbussales.com)  
Brian Lamaitis : [blamaitis@newyorkbussales.com](mailto:blamaitis@newyorkbussales.com)

**ROCHESTER** – phone 800-463-3232 or  
Gary Chichester: [gchichester@newyorkbussales.com](mailto:gchichester@newyorkbussales.com)

**ALBANY** – phone 866-867-1100 or  
Ben Reiling: [breiling@newyorkbussales.com](mailto:breiling@newyorkbussales.com)

**WARRANTY** – 800-962-5768 ext 237  
Morgan Jenkins: [mjenkins@newyorkbussales.com](mailto:mjenkins@newyorkbussales.com)

**PLEASE ALSO NOTE OUR NEW CUSTOMER SUPPORT REPRESENTATIVES**

**EAST**

Gary Bigness: [gbigness@newyorkbussales.com](mailto:gbigness@newyorkbussales.com)  
Cell 845-500-3707

**CENTRAL**

JJ Richmond: [jrichmond@newyorkbussales.com](mailto:jrichmond@newyorkbussales.com)  
Cell 315-559-3999

**WEST**

Mike Panzica: [mpanzica@newyorkbussales.com](mailto:mpanzica@newyorkbussales.com)  
Cell 716-908-3186

ALL of our Tech Tips can be found on the New York Bus Sales website at  
<http://www.newyorkbussales.com/pages/bulletins.cfm>  
Or at the New York Head Mechanic website at  
<http://www.nyhma.org/viewforum.php?f=2&start=0>

