



# MEMORANDUM



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Fire & EMS Chief

Series	Number	Originating Unit	Originating Date	Expiration Date
2013	42	OFC	March 21, 2013	N/A

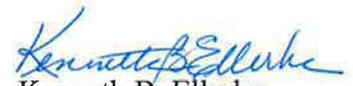
Subject:

## **International 4300 Transport Units Fuel Regeneration**

Since 2012 the D.C. Fire and EMS Department has taken delivery of new International 4300 Emergency Transport Units, which put the Department in compliance with the new NFPA emission requirements and ensured greater service delivery to the citizens, employees, and visitors of the District of Columbia.

This upgrade presents new operational challenges with the Fuel Regeneration Process. **All Units are required to perform fuel regeneration when prompted by the dash indicators** (all members should have completed the fuel regeneration training exercise on Target Safety, per Memorandum 2012-39).

Attached to this Memo is the Fuel Regeneration Procedure from the Target Safety presentation "New 2012 EMS Transport Units".

  
Kenneth B. Ellerbe  
Fire & EMS Chief

Attachment: Regeneration Slides



## Treatment Lamps- Level 1

**DPF Lamp**

- On solid at Level 1 soot loading
- Label says :  
*"Exhaust filter regeneration required."  
"Drive on highway at highway speed OR start Parked Regeneration to prevent loss of engine power."*

## Treatment Lamps- Level 2



DPF Lamp



- Flashes at Level 2 soot loading
- Label says:  
*"Exhaust filter full"*  
*"Pull vehicle safely off roadway and start Parked Regeneration to prevent loss of engine power."*

## Treatment Lamps- Level 3



- Amber Warning Lamp is on
- Audible alarm is on
- Warn Engine text on LCD
- DPF Lamp Flashes
- Label says:



*"Exhaust filter full. Engine performance LIMITED."*  
*"Notify Communication"*  
*"Pull vehicle safely off roadway and start Parked Regeneration to prevent engine stopping."*

## Treatment Lamps- Level 4

*Stop Engine Lamp is on*



- *DPF Lamp is off*
- *If not preceded by level 1, 2, & 3 warnings, it is on for an engine issue other than DPF plugging*
- *Audible alarm is on*
- *Label says:*

*"A serious engine problem has occurred. Exhaust filter may be overfull. Engine may SHUTDOWN soon."*

*"Pull vehicle safely off roadway, turn on flashers, place warning devices STOP ENGINE. Seek service immediately."*