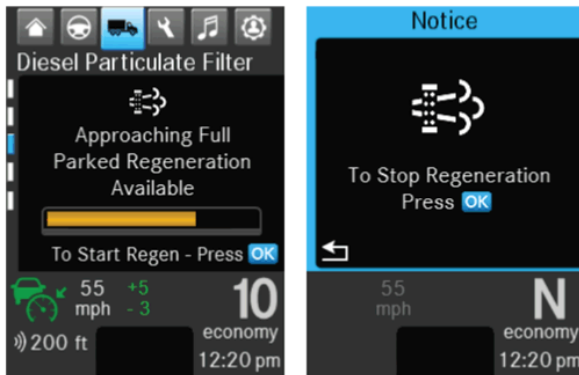


# Performing a Parked Regeneration for Vehicles without a Physical Switch

Parked regeneration can be initiated by selecting OK when the driver message center displays "Parked Regen Required" or "Parked Regen Available". A parked regeneration is allowed when the DPF lamp is illuminated.



d14096

A parked regeneration can be stopped by selecting OK while the regeneration is in progress. The parked regeneration may take up to 45 minutes.

## Parked Regeneration for Vehicles with a Physical Switch

### **WARNING**

#### **ENGINE EXHAUST**

To avoid injury from inhaling engine exhaust, always operate the engine in a well-ventilated area. Engine exhaust is toxic.

### **WARNING**

#### **HOT EXHAUST**

During parked regeneration the exhaust gases will be extremely HOT and could cause a fire if directed at combustible materials. The vehicle must be parked outside.

Note : Under factory default settings, when the Diesel Particulate Filter (DPF) Regeneration Lamp is not illuminated, the regeneration request switch is disabled.

Note : The driver MUST stay with the vehicle throughout the regeneration process.

Note : Not all vehicles may be equipped with a Regeneration Request Switch due to application or user specification.

Note : The procedure will take approximately 30 to 45 minutes (depending on engine type and the amount of soot accumulated in the DPF).

When the parked regeneration request is accepted, the Diesel Particulate Filter (DPF) Regeneration lamp will turn ON one time for one second and then turn off for the remainder of the parked

regeneration. The High Exhaust System Temperature (HEST) lamp will flash for one second every ten seconds and eventually become solid when the tailpipe temperature is above 525°C (977°F). The engine speed may vary during parked regeneration (depending on engine displacement, exhaust temperature and the amount of soot accumulated in the DPF). The regeneration is complete when the engine returns to low idle and the DPF lamp remains OFF. The HEST lamp will remain ON, but the vehicle may be driven.

**Note :**

The key is turned to the OFF position

The vehicle is put into gear

The clutch is cycled

The parking brake is released

**Note :** If a parked regeneration is being performed to check NOx conversion, the calculated ambient temperature in the ACM (AS053) must be above 0°C (32°F) or the test will fail.

**Note :** If the HEST LAMP is FLASHING, regeneration is in process and the system is coming up to temperature.

1.  
Keep engine at slow idle (cannot be in Fast Idle or PTO Mode). Put transmission in neutral (if equipped with an automatic transmission, cycle it into gear and then back to neutral).
2.  
Set park brake (cycle the park brake OFF then ON).
3.  
Press and release clutch pedal once per ignition cycle (if configured).
4.  
Hold DPF Switch to the ON position for five seconds and then release (engine speed will increase and DPF lamp will go out).

