



There are two types of regeneration that can occur: passive and active. Passive regeneration happens naturally when the heat of the exhaust burns off the soot. Active regeneration becomes necessary when the temperature is too low to completely burn off the soot. It is initiated by injecting fuel into the exhaust stream automatically. No driver interaction is needed. If soot continues to accumulate in the filter however, a parked regeneration is required. The driver is alerted to this through the indicator lamps on the instrument panel.

### DFP Lamp Function



**DPF Indicator Lamp  
(Diesel Particulate Filter)**

From time to time, the yellow DPF Regeneration Lamp (shown above) may come on indicating that the soot level is elevated. Driving on the highway, changing the duty cycle, or having the engine under load will allow the filter to self-clean.



**DPF Indicator Lamp  
(Flashing)**

If the light starts to flash, the driver will need to pull the truck over and initiate a Manual Regeneration, following the steps below. If there is no response by driver or maintenance a flashing DPF Lamp along with a check engine light will illuminate on dash.



**DPF Indicator Lamp  
(Flashing) + Check Engine Lamp**

1. With the truck parked and running in a safe area, set the park brake, put the transmission in neutral.
2. Verify no other codes in the system (i.e. no stop engine light)
3. Depress the Regeneration switch (located on right side of dash). The rpm should increase to about 1600.
4. Engine will bring up the temperatures and will then initiate regenerating the filter.
5. Approximately 20-40 minutes later the engine will complete the regeneration and the engine will return to Idle / 700 rpm. Parked Regeneration will stop if the key is turned to the off position, the truck is put into gear or the parking brake is released.

Caution should be exercised during a Parked Regeneration as exhaust temps get in excess of 1100 degrees F.



If a Parked Regeneration is still not performed the Stop Engine Light will come on. Move vehicle to nearest safe location and SHUT DOWN THE ENGINE. CALL FOR SERVICE.