



Customer Information Sheet

If the operator is not able to drive in a manner that allows effective automatic clearing (active regeneration) or the operator instead wishes to perform regeneration of the DPF (cleaning) while at idle (stationary), then OCR will need to be performed.

NOTE: Do not disregard the drive to clean exhaust filter maintenance message for extended periods of time. Failure to perform active or operator commanded regeneration (if equipped) when instructed may result in a clogged DPF. If your DPF fills beyond what can be safely regenerated, active regeneration and OCR will be disabled. This could cause irreversible damage to the DPF, requiring service and possible replacement that may not be covered by your warranty.

OPERATOR COMMANDED REGENERATION (OCR)

If your vehicle is operated with significant stationary operation, passive and active regeneration may not sufficiently clean the DPF system. OCR allows you to manually start regeneration of the DPF at idle (while stationary) to clean the DPF.

WHEN TO PERFORM OCR

Use the OCR feature when the DRIVE TO CLEAN EXHAUST FILTER message appears in the message center and:

- The operator is not able to drive in manner that allows effective automatic cleaning (active regeneration),
- Or the operator instead wishes to manually start regeneration (cleaning) of the DPF while the vehicle is idle (stationary).

OCR PRECAUTIONS AND SAFE EXHAUST POSITION

Before you start OCR, observe/do the following:

- Place the vehicle in P (Park) with the parking brake set on stable, level ground.
- The vehicle must not be parked in a structure.
- The vehicle must be away from any obstructions within 10-15 feet (3-5 meters) of the vehicle, and must be away from materials that can easily combust or melt such as: paper, leaves, petroleum products, fuels, plastics and other dry organic material, such as grass.
- Make sure there is a minimum of 1/8 tank of fuel.
- Make sure all fluids are at proper levels.
- Make sure that the louvers (holes) located at the tip of the exhaust are also clear of any obstructions as they are used to introduce fresh air into the tailpipe to cool the exhaust gas as it leaves. See exhaust under the cleaning chapter in the vehicles Owner Guide for additional information.

HOW TO START OPERATOR COMMANDED REGENERATION (OCR)

NOTE: OCR will not be allowed to operate if the service engine soon light is illuminated.

NOTE: During the use of OCR, you may observe a light amount of white smoke. This is normal.

1. Start with the vehicle engine fully warmed.
2. Press the info button on the steering wheel until the message center reads EXHAUST FILTER XXX% FULL.
3. If the DPF needs cleaning and the vehicle is warmed up, a message requesting permission to initiate filter cleaning is displayed: EXH 100% FULL CLEAN Y/N. Answering yes to this prompt and then following prompts will initiate OCR. Be sure to understand each prompt. If you are not sure what is being asked by each prompt, contact your authorized dealer.
4. Once OCR starts, the engine's rpm will rise to approximately 2,000 – 2,400 rpm and the cooling fan will increase speed; you will hear a change in audible sound due to the fan and engine speed increase.

It is not necessary to open the hood on the engine compartment. Once OCR is complete, the engine rpm and fan will return to normal idling. The exhaust system will remain hot for several minutes even after regeneration is complete. Do not reposition the vehicle over materials that could burn until the exhaust system has had sufficient time to cool. Depending on the amount of soot collected by the DPF, ambient temperature, and altitude, OCR may last from 10 to 25 minutes.

NOTE: During stationary PTO operation, OCR will change the engine speed to 2,000 – 2,400 RPM (depending on vehicle application), therefore it is recommended you exit PTO mode before starting OCR. During mobile PTO use, OCR is not necessary; regeneration will function normally.

HOW TO INTERRUPT/CANCEL OCR

If OCR needs to be canceled, pressing the brake, accelerator, or shutting off the vehicle will stop OCR. Depending on the amount of time OCR was allowed to operate, soot may not have had sufficient time to be eliminated, but the exhaust system and exhaust gas may still be hot. If the vehicle is shut off during OCR, you will notice turbo flutter. This is a normal consequence caused by shutting off a diesel engine during boosted operation and considered normal.

Operator Commanded Regeneration (OCR) Process

Press <INFO> button on left side of steering wheel until the Diesel Particulate Filter (DPF) status is shown:

If the vehicle is equipped with OCR, regeneration is possible when DPF status displays "Exhaust Full".

Press <OK> to Start OCR

At this message Press and Hold the <OK> Button

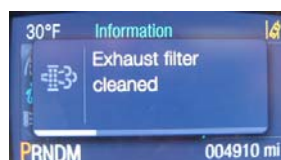
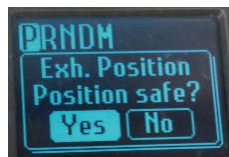
Next this message will appear to prompt the Operator to make sure the Exhaust system is clear of anything flammable

Then this Screen shows up for the Operator to initiate the Regen. This can be done by pressing the Left Arrow to move the Highlight Box to **Yes** and then hitting OK to start the regeneration

Idle speed will rise to 2500 rpm and regeneration will immediately start. The Information Center will display:

After 30 Minutes the Regeneration is complete. This Vehicle will return to normal idle and the display will inform the customer

High End Cluster



Low End Cluster

