



Customer Information Sheet

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

NOTE: Do not disregard “DRIVE TO CLEAN” DPF maintenance messages 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 utilized for significant stationary operation, passive and active regeneration may not sufficiently clean the DPF system. OCR allows the vehicle operator to manually start regeneration of the DPF at idle (while stationary) to clean the DPF.

WHEN TO PERFORM OCR

Use the OCR feature when a “**DRIVE TO CLEAN**” DPF maintenance message appears on the message center and:

- The operator is not able to drive in a 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 stationary.

OCR PRECAUTIONS AND SAFE EXHAUST POSITION

Before starting OCR, observe/perform 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 any other dry organic material such as grass or brush.
- Ensure there is a minimum of 1/8 tank of fuel
- Ensure all fluids are at proper levels
- Ensure the louvers (holes) located at the tip of the exhaust are clear of any obstructions as they are used to introduce fresh air into the tailpipe to cool the exhaust gas as it exits. 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 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 fully warmed to operating temperature.
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 unsure what is being asked at 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 speed will increase; you will hear an audible change in sound due to the increase in engine and fan speed.

It is not necessary to open the hood on the engine compartment to perform OCR. Once OCR is complete, the engine and fan speed will return to normal idle RPM. The exhaust system will remain hot for several minutes even after regeneration is complete. Do not reposition the vehicle over material that could combust or 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 10-30 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 to exit PTO mode before starting OCR. During mobile PTO use OCR is not necessary; regeneration will function normally when the vehicle is mobile.

HOW TO INTERRUPT/CANCEL OCR

If OCR needs to be canceled for any reason, 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 result caused by shutting off a turbocharged diesel engine during boosted operation and considered normal.