



Detroit Diesel

Instructions

Reset Fault Codes & Aftertreatment

Start a timer to make sure you perform the service correctly.

NOTE: Temporarily disconnect any ELD or Y-Splitters connected. OTR Reset Tool must be connected directly in the vehicles diagnostic port.

1. Turn ignition to OFF position and remove key, then wait for 1 minute.



2. Insert key and turn ignition to ON position but do not start the engine. Wait 1 minute



3. Connect the OTR Reset Tool and wait 1 minute.



4. After one minute has passed Inactive/Active Fault codes will have been reset.



- 5.** If necessary, wait an additional 3 minutes for the aftertreatment reset to complete.



- 6.** If fault codes are still present repeat steps 1-5, if no faults are present go to step 7.

NOTE: If fault codes remain "Active" then it is required for the vehicle to be taken to a service center for further diagnosis.

- 7.** Disconnect the OTR Reset Tool.



Start Forced Regen

1. Turn ignition to off position and remove key, then wait 1 minute.



2. Insert key and start the truck, you will leave the engine running for the remainder of this process.



3. Confirm engine is up to operating temperature and it has reached at least 180° F.



4.
 - a. Confirm engine (Jake) brake is off as well as cruise control and idle override if equipped.
 - b. (Need to perform) Hold the brake pedal down to ensure you don't move. Push to release the parking brake, wait 5 seconds, then Apply parking brake.
 - c. (Need to perform) Move into gear, wait 5 seconds, then move back into neutral. (Reverse or 1st gear)

- 5.** Connect the OTR Reset Tool to the diagnostic port.



- 6.** Within 4 minutes your forced regeneration will initiate.



- 7.** Truck will increase RPM to higher idle 1000+ RPM to increase temps to burn the soot out of the DPF filter.

The RPM will stay high until the truck finishes regen.
~20-60 minutes.

*NOTE: Do not touch the accelerator, brake pedal, or clutch during this process or it will cancel regen.

- 8.** Once the idle lowers to its normal state you can remove the OTR Reset Tool.

NOTE: If the regen does not initiate then you may not have met all the conditions in order for the truck perform a regeneration, check for fault codes and reattempt regeneration.

General Questions

What does a forced regen do?

Forced regeneration is a diagnostic process that builds temperature to burn soot accumulation down to ash within the dpf filter. During this process, the truck's computer can closely monitor and test multiple portions of the after treatment system. This type of regeneration can only be performed when a diagnostic tool starts the process within the truck's computer.

What if the fault codes do not go away?

Yes, this can happen! If you have an existing issue or "Active Fault," you must correct the issue or perform a DPF regen for the code to go inactive.

Will this fix my truck?

The OTR Reset Tool helps avoid problems, aid in resetting parameters, and running a forced regen. However, if you have any component failures related to the aftertreatment system, they will still require repair.

Will a forced regen void my warranty?

Resetting faults, resetting soot levels, and running forced regens will NOT void your warranty.

How often to do a forced regen?

A forced regen can be performed as often as possible. As a general rule of thumb, we recommend once every couple of weeks to ensure that the filters are maintained.



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Questions or Comments?

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