



## ***Installation Instructions***

PACCAR GHG14

**PFLOW020**



## ***Preparation***

If there are any faults on the emissions system prior then these should be cleared before installation.

The Pure Flow Device may clear some existing faults but will not do this in all circumstances. If faults remain then these must be cleared by a dealer diagnostic tool.

On installation it is important not to use any water repellant grease or treatment. The Pure Flow Device operation can be affected by these and use of these will void any warranty

**Before the installation, you must ensure that the ignition of your vehicle is turned off and the key is out of the lock. Place the ignition key 10 metres away from the vehicle. If you leave the key in the lock or too close during installation it can cause an error light to show of the dash.**



### ***Safety***

#### **Hot Engine**

It is important to make sure your engine is cool enough to work on. Allow enough time for your engine to cool before installation.

#### **Protection**

Some of the fluids and greases on motor vehicles can lead to skin conditions. It is advisory to use plastic gloves before touching any part of the engine.

# Installation

- 1 Power off the vehicle remove the key away from the vehicle and wait 5 minutes for all electrical systems to fully shut down.
- 2 Locate the rear or post cat NOx sensor. The NOx sensor can be seen by looking at the rear of the cab and looking down.



- 3 From underneath the truck you can follow the lead of the NOx sensor to its plug. You can then see the NOx sensor plug to remove, shown here.



- 4 Remove the plug from the NOx sensor. Place the plug removed into the EMU Emulator. Secure the emulator safely with cable ties.
- 5 Use the female blank provided to fit to the NOx sensor.
- 6 Once the emulator is plugged in, turn the ignition on and wait for 2 minutes to calibrate (Do not start the engine).
- 7 With ignition off, locate the fuse box beneath the hood and remove fuse marked ACM PWR (N11 in most cases).
- 8 Start the engine and leave it running for 60 seconds.
- 9 Turn engine off and wait for 60 seconds.

Installation is now complete and you are ready to drive.

## ***Extra Information***

Initially, the red light will be lit and the blue light will blink indicating the Pure Flow Device is calibrating. When the Pure Flow Device is calibrated, the red light will turn to green and the blue continue to blink this indicates correctly installed and calibrated.

Red light on: Power supply correct

Green light on: Emulator calibrated and ready.

Blue light blinking: Communications on the CAN lines are good.

Once installed correctly no further faults will occur and the DPF system will no longer regenerate.

The Pure Flow Device emulates the following systems:

DEF - Diesel Exhaust Fluid

NOx - Nitrogen Oxide sensors

DPF - Diesel Particulate Filter

PM - Particle Matter sensor

Pressure - Exhaust pressures

Temp - Exhaust temperatures

If you think you may have installed incorrectly and a fault is present, remove the Pure Flow Device, clear the faults and restart the procedure.



**THANK YOU**

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WE HOPE YOU LOVE YOUR DPF DELETE DEVICE

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Your feedback is greatly appreciated!*



**[www.pureflowdpf.com](http://www.pureflowdpf.com)**