

**Conditions for Diesel Particulate Filter (DPF) Swapping for  
Verified Diesel Emission Control Strategies (DECS)  
Manufactured by Cleaire Advanced Emission Controls, LLC (Cleaire)**

**December 7, 2012**

Cleaire may authorize owners of its verified DECS to swap the DPF component of the DECS in accordance with the requirements described herein and in the *Verification Procedure, Warranty, and In-Use Compliance Requirements for In-Use Strategies to Control Emissions from Diesel Engines* ("Procedure," Title 13, *California Code of Regulations*, Sections 2700-2711). Component swapping means the movement of designated parts between different vehicles/applications which utilize same DECS. Swapping of the DPF component of the verified DECS listed in Table 1 below is allowed under the corresponding Executive Order series or conditional verification letters.

**Table 1. Verified Cleaire DECS Approved for DPF Swapping**

<b>DECS</b>	<b>Executive Order Series / Conditional Verification Letter</b>
Horizon	DE-05-010
Lonestar	10-661-723
LongMile-S	DE-12-007
Longview	DE-08-006, DE-08-007, DE-03-001, DE-04-004
Phoenix	10-661-726
Vista	DE-09-005

DPF swapping is subject to the following terms and conditions:

- The owner of the DECS must receive written authorization from Cleaire allowing the practice of DPF swapping.
- A DPF may only be swapped between DECS that share the same DECS family name.
- Swapping only applies to the DPF component of the DECS.
- The recipient vehicle must be fitted with the same DECS.
- The donor vehicle or engine whose DPF has been removed must remain in compliance with the terms and conditions of the applicable Executive Order and have all DECS components present and functional.
- Cleaire must provide written instructions for assessing if the swapped DPF still meets its verified emissions reductions.

- Cleaire must provide detailed written instructions to the authorized owner in the owner's manual, installation manual, or other manual regarding how to swap and install the DECS DPF. Cleaire may not include any prohibitions or limitations to the required warranty (Sections 2706(i)(3) and 2707 of the Procedure), nor can the instructions direct the owner of the DECS to conduct any activity which violates the terms of the governing Executive Order series or conditional verification letter or any other applicable regulation.
  - Within ten days of a written request from the Air Resources Board (ARB), Cleaire must provide an exact copy of these instructions in their entirety.
- Cleaire must provide written instructions for assessing if the DECS still meets its verified emissions reductions and instructions to prevent installation of the DPF on an inappropriate vehicle.
- The swapped DPF must be installed by the procedure described in the DECS installation manual or other manual designated for swapping procedures.
- Cleaire must honor the original product warranty and warranty period.
- The DPF cannot be swapped among DECS in different verification categories (e.g., the DPF of a DECS that is only verified for off-road vehicles cannot be installed into a DECS that is on an on-road vehicle).
- If the installer of the swapped DPF is not the same as the installer who did the original installation of the DECS, the new installer must assume the installation warranty responsibilities for the swapped DPF as defined in Section 2707 for the remainder of the original warranty period or until another installer swaps the component or re-designates the system. If the original installation warranty has expired or has less than one year remaining, the installer must issue a new warranty to guard against potential installation defects. The new installation warranty must meet the requirements of Section 2707 except that the minimum period is reduced to one year from the date of installation. Any transfer of a DECS or component by an installer that does not offer this installation warranty is not considered a valid installation.
- Cleaire must maintain data that track the movement of swapped DPFs among vehicles equipped with the DECS listed in Table 1. Cleaire will do this by maintaining an internet-accessible data-entry portal that is capable of receiving and storing data on swapped DPFs. For every swapped DPF, these records must include: DECS serial number, DPF part number, DPF serial number, name of the end-user, engine serial number, vehicle mileage or hours, and date of removal or installation. The party that removes or installs a swapped DPF is responsible for inputting the above data to the Cleaire web portal each time a DPF is swapped. Cleaire must provide these records to ARB within 30 days of receiving a written request from ARB.
- No party shall advertise, sell, lease, or offer for sale or lease a used, verified DPF.

**Conditions for Re-Designation of  
Verified Diesel Emission Control Strategies (DECS)  
Manufactured by Cleaire Advanced Emission Controls, LLC (Cleaire)**

**December 7, 2012**

Cleaire may authorize owners of its verified DECS to re-designate their DECS in accordance with the requirements described herein and in the Procedure. Re-designation means the movement of a used, verified DECS from an appropriate engine/application (donor) to another engine/application (recipient), within the same common ownership fleet, that meets the terms and conditions of the DECS Executive Order or conditional verification letter. Re-designation of a verified DECS listed in Table 1 below is allowed under the corresponding Executive Order series or conditional verification letter.

**Table 1. Verified Cleaire DECS Approved for Re-designation**

<b>DECS</b>	<b>Executive Order Series / Conditional Verification Letter</b>
Horizon	DE-05-010
Lonestar	10-661-723
LongMile-S	DE-12-007
Longview	DE-08-006, DE-08-007, DE-03-001, DE-04-004
Phoenix	10-661-726
Vista	DE-09-005

Re-designation is subject to the following terms and conditions:

- The owner of the DECS must receive written authorization from Cleaire via a Cleaire dealer for the re-designation to occur.
- The system must not be more than ten years old, based on the date of manufacture. Re-designation of a DECS of unknown age is prohibited.
- Re-designation must occur within the same common ownership fleet, as defined in Section 2701 of the Procedure.
- The owner and installer must verify that the recipient vehicle meets the terms and conditions of the governing Executive Order or conditional verification letter.

- A DECS installed on a vehicle that is repowered may remain installed provided:
  - The replacement engine meets all the terms and conditions of the governing Executive Order or conditional verification letter,
  - The DECS is not more than ten years old (based on the date of manufacture), and
  - The appropriate DECS engine label is affixed to the replacement engine in a visible location.
- Cleaire must provide detailed written instructions to the authorized owner in the owner's manual and installation manual regarding how to re-designate the DECS. Cleaire may not include any prohibitions or limitations to the required warranty (Sections 2706(i)(3) and 2707 of the Procedure), nor can the instructions direct the owner of the DECS to conduct any activity which violates the terms of the governing Executive Order series or conditional verification letter or any other applicable regulation.
  - Within ten days of a written request from the Air Resources Board (ARB), Cleaire must provide an exact copy of these instructions in their entirety.
- Cleaire must provide written instructions for assessing if the DECS still meets its verified emissions reductions and instructions to prevent installation on an inappropriate vehicle.
- Re-designation applies to the entire system, not the component parts.
- The re-designated DECS must belong to a verified configuration covered under the governing Executive Order or conditional verification letter.
- The DECS cannot be re-designated across verification categories (e.g., a DECS that is only verified for off-road vehicles cannot be re-designated to an on-road vehicle).
- If the installer of the re-designated DECS is not the same as the installer who did the original installation, the new installer must assume the installation warranty responsibilities defined in Section 2707 for the remainder of the original warranty period or until another installer re-designates the system. If the original installation warranty has expired or has less than one year remaining, the installer must issue a new warranty to guard against potential installation defects. The new installation warranty must meet the requirements of Section 2707 except that the minimum period is reduced to one year from the date of installation. Any transfer of a DECS by an installer that does not offer this installation warranty is not considered a valid installation.

- Cleaire must maintain accurate records of the DECS, donor vehicles, and recipient vehicles that are involved in re-designations. The records must include owner contact information, vehicle identification or engine serial numbers, DECS serial number, and DECS operating hours or mileage. Cleaire must be able to track all re-designation events throughout the fleet and provide re-designation records to ARB within 30 days of receiving a written request from ARB.
- No party shall advertise, sell, lease, or offer for sale or lease a used, verified DECS.
- Any party that removes a verified DECS from an engine/application must remove the verified DECS engine label. If the engine label cannot be removed whole, it must be destroyed.
- Any party that re-designates a DECS to another engine/application which was never previously retrofit with the same DECS must obtain and properly install an appropriate DECS engine label.
- Any party that removes a verified DECS from an engine/application must ensure that the engine/application returns to its original factory configuration.
- An assessment must be performed by the installer to ensure that the DECS is still able to achieve its verified emissions reduction levels.
- The DECS can only be installed on a vehicle that conforms to all the terms and conditions of either the conditional verification letter or the most current Executive Order in the associated series listed in Table 1 above.
- The DECS can only be re-designated by a Cleaire-authorized installer.
- The installation of the re-designated DECS must be performed according to the procedures listed in the DECS installation manual.