Conditions for Swapping for the TITAN™ Diesel Particulate Filter (DPF) System Manufactured by DCL International, Incorporated (DCL)

Relating to Executive Order Series: DE-12-002

Effective Date: March 9, 2015

Component swapping means the movement of designated parts between different vehicles/applications utilizing the same Diesel Emission Control Strategies (DECS) as defined in the *Verification Procedure, Warranty and In-Use Compliance Requirements for In-Use Strategies to Control Emissions from Diesel Engines* (Procedure) in Section 2701, Title 13, *California Code of Regulations*.

Swapping of a TITAN™ diesel particulate filter (DPF) system is only permitted under the following terms and conditions:

- The owner of the DECS must receive written authorization from DCL allowing the practice of DPF swapping with a spare filter for cleaning purposes.
- Swapping is allowed only within the same common ownership fleet as defined in Section 2701 of the Procedure.
- Swapping only applies to the DPF component of the DECS.
- A DPF may only be swapped temporarily for the purpose of cleaning the originally installed filter.
- Spare filters must have the label with the appropriate part number for spare filters as specified on the Air Resources Board (ARB) website at: http://www.arb.ca.gov/diesel/verdev/companies/dcl/titan.htm
- DCL 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 spare filter. DCL 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 any other applicable regulation.
- Within 10 days of a written request from ARB, DCL must provide an exact copy of these instructions in their entirety.

- The spare DPF must be the same size and model, and incorporate the same flange type or muffler design as the original DPF. The swapped filters must belong to verified configurations covered under the corresponding Executive Order series.

- The swapped TITAN™ DPF belongs to verified configurations covered under Executive Order Series DE-12-002 for TITAN™ system.

- The spare filter must fit directly in place of the original DPF in the correct filter orientation without modification of the existing installation.

- The original filter must be promptly re-installed on the vehicle upon completion of the cleaning process.

- The spare DPF must be properly maintained as specified in the DCL Installation and Operation Manual.

- The end user and installer must verify that the vehicle meets the terms of the original verification.

- The vehicle or engine whose DPF has been removed must remain in compliance with the terms and conditions of the applicable Executive Order series and have all DECS components present and functional.

- The spare DPF must be installed by the procedure described in the corresponding DECS installation manual or other manual designated for swapping procedures.

- Prior to installation of either the spare DPF or original DPF, the exhaust system must be inspected for the presence of lubricating oil, fuel, and other engine related fluids.

- DCL must honor the original product warranty and warranty period.

- The DPF cannot be swapped among DECS in different verification categories (for example, the DPF of a DECS that is verified for on-road vehicles cannot be installed into a DECS that is on an off-road vehicle).

- If the installer of the swapped DPF is not the same as the installer who performed 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 installs the spare or original DPF. If the original installation warranty has expired or has less than 1 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 1 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.

- DCL must maintain accurate records of the vehicles and systems subject to the swapping policy. 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. DCL 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 DECS or component.

Conditions for Re-designation for the TITAN™ Diesel Particulate Filter (DPF) System Manufactured by DCL International, Incorporated (DCL)

Relating to Executive Order Series: DE-12-002

Effective Date: March 9, 2015

Re-designation means the movement of a used, verified Emission Control Strategies (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 as defined in the *Verification Procedure, Warranty, and In-Use Compliance Requirements for In-Use Strategies to Control Emissions from Diesel Engines* (Procedure) in Section 2701, Title 13, *California Code of Regulations*.

Re-designation of a TITAN™ system is only permitted under the following terms and conditions:

- The owner of the DECS must receive written authorization from DCL for the re-designation to occur.
- The re-designation must be performed by an authorized DCL distributor.
- The re-designated DECS must be for an engine covered under Executive Order Series DE-12-002 for TITAN™ system.
- The system must not be more than 10 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 end user and installer must verify that the recipient vehicle meets the terms and conditions of the governing Executive Order series.
- All pre-installation compatibility assessment criteria required by DCL for an installation must be met and documented prior to re-designation to a new vehicle or piece of equipment. These records must be kept by the fleet, installer, and DCL and made available to the Air Resources Board (ARB) within 10 working of a written request.
- 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,
  - The DECS is not more than ten years old (based on the date of manufacture), and,

- The appropriate DECS engine label as shown on the Air Resources Board (ARB) website at: http://www.arb.ca.gov/diesel/verdev/companies/dcl/titan.htm is affixed to the replacement engine in a visible location.

- DCL must provide detailed written instructions in the Owner's Installation and Operation Manual regarding appropriate re-designation practices. DCL may not include any prohibitions or limitations to the required warranty (Sections 2706(i)(3)(F) and 2707), 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 any other applicable regulation. Within ten days of a written request from ARB, DCL must provide an exact copy of these instructions in their entirety.

- Re-designation applies to the entire system, not the component parts, except that DCL requires with each approved re-designated DECS installation the end user must either upgrade to a new Exhaust Monitor/Logger, or re-flash the existing Exhaust Monitor/Logger.

- The DECS cannot be re-designated across verification categories (for example, a DECS that is only verified for on-road vehicles cannot be re-designated to an off-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 or components by an installer that does not offer this installation warranty is not considered a valid installation.

- DCL must maintain accurate records of the DECS, donor vehicles, and recipient vehicles that are involved in re-designations. The records must include end user contact information, vehicle identification or engine serial numbers, DECS serial number, and DECS operating hours or mileage. DCL 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.