Conditions for Spare Filter Swapping and Re-designation Policy for the Engine Control Systems (ECS) Purifilter Plus™

Component Swapping means the movement of designated parts between different vehicles/applications within the same common ownership fleet which utilize the same diesel emission control strategy (DECS) as defined in the *Verification Procedure, Warranty, and In-Use Compliance Requirements for In-Use Strategies to Control Emissions from Diesel Engines* (the verification procedure or procedure) in Section 2701, Title 13, Code Of California Regulations (CCR). No component of Purifilter Plus™ can be swapped from the original installation vehicle to another vehicle while under manufacturer warranty. A spare diesel particulate filter (DPF) may be used during cleaning of the originally installed filter but upon completion of cleaning, the original filter must be promptly re-installed on the vehicle. Swapping is permitted only under the following terms and conditions:

- The owner of the DECS must receive written authorization from ECS allowing the practice.

- Swapping only applies to the temporary use of spare DPFs. Original installation filters can only be installed on the original installation vehicle.

- Spare filters must have the label with the appropriate part number for spare filters as specified in Attachment 3.

- The spare DPF must be properly maintained as specified in the ECS owner's manual.

- ECS must provide detailed written instructions in the owner's manual and installation manual to the authorized end-user regarding how to swap and install spare filters. ECS may not include any prohibitions or limitations to the required warranty (Sections 2706(i) and 2707), nor can the instructions direct the owner of the DECS to conduct any activity which violates the terms of the governing verification or any other applicable regulation.

    - Within 10 days of a written request by the Air Resources Board (ARB), ECS must provide an exact copy of these instructions in their entirety.

- ECS must provide written instructions for assessing if the Purifilter Plus™ system and spare DPF still meet the verified emissions reductions and instructions for device movement to prevent installation on an inappropriate vehicle.

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

- Swapping must occur within the same common ownership fleet as defined in Section 2701 of the verification procedure.

- The spare DPF must be of the same model and incorporate the same flange type as the original DPF. The swapped filters must belong to verified configurations covered under Executive Order series DE-08-010.

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

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

- The vehicle/engine from which the original filter was removed must remain in compliance with the terms and conditions of the applicable Executive Order and have all DECS components present and functional.

- The spare Purifilter Plus™ DPF must be installed by the procedure described within the Purifilter Plus™ system installation manual.

- If the installer of the spare or original 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 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 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 diesel emission control strategy or component by an installer that does not offer this installation warranty is not considered a valid installation.

- ECS must maintain accurate records of the vehicles and systems subject to the swapping policy. This must include: vehicle identification number, Purifilter Plus™ system serial number per the engine label, and DPF serial number for every spare Purifilter Plus™ DPF within a common ownership fleet. ECS must provide these records within 30 days of the written request by ARB.

- No party shall advertise, sell, lease, or offer for sale or lease a used verified Purifilter Plus™ system or component.

Conditions for Re-Designation of ECS' Purifilter Plus™ System

Re-designation means the movement of a used verified Diesel Emission Control Strategy (DECS) from an appropriate engine/application and installation to another engine/application meeting the terms and conditions of the DECS Executive Order within the same common ownership fleet as defined in the *Verification Procedure, Warranty, and In-Use Compliance Requirements for In-Use Strategies to Control Emissions from Diesel Engines* (the verification procedure or procedure) in Section 2701, Title 13, CCR. Re-designation of a Purifilter Plus™ system is permitted only under the following terms and conditions:

- The owner of the DECS must receive written authorization from ECS allowing the practice.
- The re-designation must be performed by ECS or its authorized distributor.
- The system must not be more than 10 years old, based on the date of manufacture listed on the system label. Re-designation of devices of unknown age is prohibited.
- Re-designation must occur within the same common ownership fleet as defined in Section 2701 of the verification procedure.
- The end user and installer must verify that the new recipient vehicle meets the terms of the original verification.
- 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 Purifilter Plus™ is not more than 10 years old (based on the date and month of manufacture) and,
    - The appropriate DECS engine label as shown in Attachment 3 is affixed on a visible location on the replacement engine.
- ECS must provide detailed written instructions in the owner's manual and installation manual to the authorized end-user regarding appropriate re-designation practices. ECS may not include any prohibitions or limitations to the required warranty (Section 2706(i)(4) 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 by ARB, ECS must provide an exact copy of these instructions in their entirety.

- ECS must provide written instructions for assessing if the Purifilter Plus™ system still meets its verified emissions reductions, and instructions for device movement to prevent installation on an inappropriate vehicle.

- Re-designation applies to the entire system, not component parts.

- The re-designated Purifilter Plus™ system must belong to a verified configuration covered under Executive Order series DE-08-010.

- If the installer of the re-designated Purifilter Plus™ system is not the same as the installer who did the original installation of the DECS, 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 component by an installer that does not offer this installation warranty is not considered a valid installation.

- ECS must maintain accurate records of the vehicles and systems subject to the re-designation policy. This must include: end user contact information, vehicle identification number, Purifilter Plus™ system serial number, and operating hours and mileage. ECS must be able to track re-designation throughout the fleet. ECS must provide these records within 30 days of the written request by ARB.

- No party shall advertise, sell, lease, or offer for sale or lease a used verified Purifilter Plus™ system or component.

- Any party which removes a verified Purifilter Plus™ system 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 which re-designates a verified Purifilter Plus™ to another engine/application which was never previously retrofit with that exact Purifilter Plus™ system must obtain and properly install an appropriate DECS engine label as shown in Attachment 3.

- Any party which removes a verified Purifilter Plus™ from an engine/application must ensure the engine/application returns to its original factory configuration.

- ECS must provide written instructions for assessing if the Purifilter Plus™ system still meets its verified emissions reductions and instructions for device movement to prevent installation on an inappropriate vehicle.

- The system can only be installed on a vehicle that conforms to all the terms and conditions of the governing Executive Order.

- The installation of the re-designated system must be performed according to the procedures listed in the Purifilter Plus™ installation manual.

Conditions for Spare Filter Swapping and Re-designation Policy for the Engine Control Systems (ECS) Purifilter Plus™

Component Swapping means the movement of designated parts between different vehicles/applications within the same common ownership fleet which utilize the same diesel emission control strategy (DECS) as defined in the *Verification Procedure, Warranty, and In-Use Compliance Requirements for In-Use Strategies to Control Emissions from Diesel Engines* (the verification procedure or procedure) in Section 2701, Title 13, Code Of California Regulations (CCR). No component of Purifilter Plus™ can be swapped from the original installation vehicle to another vehicle while under manufacturer warranty. A spare diesel particulate filter (DPF) may be used during cleaning of the originally installed filter but upon completion of cleaning, the original filter must be promptly re-installed on the vehicle. Swapping is permitted only under the following terms and conditions:

- The owner of the DECS must receive written authorization from ECS allowing the practice.

- Swapping only applies to the temporary use of spare DPFs. Original installation filters can only be installed on the original installation vehicle.

- Spare filters must have the label with the appropriate part number for spare filters as specified in Attachment 3.

- The spare DPF must be properly maintained as specified in the ECS owner's manual.

- ECS must provide detailed written instructions in the owner's manual and installation manual to the authorized end-user regarding how to swap and install spare filters. ECS may not include any prohibitions or limitations to the required warranty (Sections 2706(i) and 2707), nor can the instructions direct the owner of the DECS to conduct any activity which violates the terms of the governing verification or any other applicable regulation.

    - Within 10 days of a written request by the Air Resources Board (ARB), ECS must provide an exact copy of these instructions in their entirety.

- ECS must provide written instructions for assessing if the Purifilter Plus™ system and spare DPF still meet the verified emissions reductions and instructions for device movement to prevent installation on an inappropriate vehicle.

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

- Swapping must occur within the same common ownership fleet as defined in Section 2701 of the verification procedure.

- The spare DPF must be of the same model and incorporate the same flange type as the original DPF. The swapped filters must belong to verified configurations covered under Executive Order series DE-08-010.

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

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

- The vehicle/engine from which the original filter was removed must remain in compliance with the terms and conditions of the applicable Executive Order and have all DECS components present and functional.

- The spare Purifilter Plus™ DPF must be installed by the procedure described within the Purifilter Plus™ system installation manual.

- If the installer of the spare or original 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 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 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 diesel emission control strategy or component by an installer that does not offer this installation warranty is not considered a valid installation.

- ECS must maintain accurate records of the vehicles and systems subject to the swapping policy. This must include: vehicle identification number, Purifilter Plus™ system serial number per the engine label, and DPF serial number for every spare Purifilter Plus™ DPF within a common ownership fleet. ECS must provide these records within 30 days of the written request by ARB.

- No party shall advertise, sell, lease, or offer for sale or lease a used verified Purifilter Plus™ system or component.

Conditions for Re-Designation of ECS' Purifilter Plus™ System

Re-designation means the movement of a used verified Diesel Emission Control Strategy (DECS) from an appropriate engine/application and installation to another engine/application meeting the terms and conditions of the DECS Executive Order within the same common ownership fleet as defined in the *Verification Procedure, Warranty, and In-Use Compliance Requirements for In-Use Strategies to Control Emissions from Diesel Engines* (the verification procedure or procedure) in Section 2701, Title 13, CCR. Re-designation of a Purifilter Plus™ system is permitted only under the following terms and conditions:

- The owner of the DECS must receive written authorization from ECS allowing the practice.
- The re-designation must be performed by ECS or its authorized distributor.
- The system must not be more than 10 years old, based on the date of manufacture listed on the system label. Re-designation of devices of unknown age is prohibited.
- Re-designation must occur within the same common ownership fleet as defined in Section 2701 of the verification procedure.
- The end user and installer must verify that the new recipient vehicle meets the terms of the original verification.
- 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 Purifilter Plus™ is not more than 10 years old (based on the date and month of manufacture) and,
    - The appropriate DECS engine label as shown in Attachment 3 is affixed on a visible location on the replacement engine.
- ECS must provide detailed written instructions in the owner's manual and installation manual to the authorized end-user regarding appropriate re-designation practices. ECS may not include any prohibitions or limitations to the required warranty (Section 2706(i)(4) 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 by ARB, ECS must provide an exact copy of these instructions in their entirety.

- ECS must provide written instructions for assessing if the Purifilter Plus™ system still meets its verified emissions reductions, and instructions for device movement to prevent installation on an inappropriate vehicle.

- Re-designation applies to the entire system, not component parts.

- The re-designated Purifilter Plus™ system must belong to a verified configuration covered under Executive Order series DE-08-010.

- If the installer of the re-designated Purifilter Plus™ system is not the same as the installer who did the original installation of the DECS, 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 component by an installer that does not offer this installation warranty is not considered a valid installation.

- ECS must maintain accurate records of the vehicles and systems subject to the re-designation policy. This must include: end user contact information, vehicle identification number, Purifilter Plus™ system serial number, and operating hours and mileage. ECS must be able to track re-designation throughout the fleet. ECS must provide these records within 30 days of the written request by ARB.

- No party shall advertise, sell, lease, or offer for sale or lease a used verified Purifilter Plus™ system or component.

- Any party which removes a verified Purifilter Plus™ system 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 which re-designates a verified Purifilter Plus™ to another engine/application which was never previously retrofit with that exact Purifilter Plus™ system must obtain and properly install an appropriate DECS engine label as shown in Attachment 3.

- Any party which removes a verified Purifilter Plus™ from an engine/application must ensure the engine/application returns to its original factory configuration.

- ECS must provide written instructions for assessing if the Purifilter Plus™ system still meets its verified emissions reductions and instructions for device movement to prevent installation on an inappropriate vehicle.

- The system can only be installed on a vehicle that conforms to all the terms and conditions of the governing Executive Order.

- The installation of the re-designated system must be performed according to the procedures listed in the Purifilter Plus™ installation manual.