

**Conditions for Component Swapping and Re-Designation for the
HUSS FS-MK Series Diesel Particulate Filter (FS-MK System)**

Relating to Executive Order Series DE-06-006

Effective Date: February 17, 2012

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Component Swapping: Component swapping means the movement of a designated component of a diesel emission control strategy (DECS) between different vehicles or equipment which utilize the same DECS. HUSS does not permit component swapping for any part of the FS-MK system.

Re-designation: Re-designation means the movement of a used verified DECS from an appropriate engine/application and installation onto another engine/application meeting the terms and conditions of the DECS Executive Order (EO) 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* (Procedure) in Section 2701, Title 13, California Code of Regulations. Re-designation of a HUSS FS-MK system is permitted only under the following terms and conditions:

- The end user must receive written authorization from HUSS allowing the practice.
- The system must not be more than ten 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 Procedure.
- The end user and installer must verify that the recipient vehicle meets the terms and conditions of the original verification. If an FS-MK filter system verified under a previous EO is selected for re-designation to an engine or application that has been excluded under the current EO, the re-designation must not be performed.
- A DECS installed on a vehicle that is repowered may remain installed provided:
 - The replacement engine meets all the terms and conditions of the applicable EO in the DE-06-006 series,
 - The FS-MK system is not more than ten years old (based on the date of manufacture), and
 - The verified DECS engine label is affixed on a visible location on the replacement engine.

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- HUSS must provide detailed written instructions in the owner's manual and installation manual to the authorized end user regarding appropriate re-designation practices. HUSS may not include any prohibitions or limitations to the required warranty (Sections 2706(i)(3) and 2707), nor can the instructions direct the owner of the DECS to conduct any activity which violates the terms of the governing EO series or any other applicable regulation.
 - Within ten days of a written request by ARB, HUSS must provide an exact copy of these instructions in their entirety.
- HUSS must provide written instructions for assessing if the FS-MK 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 FS-MK system must belong to a verified configuration covered under the EO series DE-06-006.
- If the installer of the re-designated FS-MK 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.
- HUSS must maintain accurate records of the vehicles and systems subject to the re-designation policy. These must include: end user contact information, vehicle identification numbers, FS-MK system serial numbers, and operating hours and mileage. HUSS must be able to track re-designation throughout the fleet. HUSS must provide these records within 30 days of a written request by ARB.
- No party shall advertise, sell, lease, or offer for sale or lease a used verified FS-MK system or component.

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- Any party which removes a verified FS-MK system from an engine must remove the verified DECS engine label. If the DECS engine label cannot be removed whole, it must be destroyed.
- The original labels must be returned to HUSS.
- Any re-designated system must have a verified re-designation label as shown on the FS-MK system website below:

<http://www.arb.ca.gov/diesel/verdev/companies/huss/fs-mk-onroad.htm>

- Any party which re-designates a verified FS-MK system to another engine which was never previously retrofit with that exact FS-MK system must obtain and properly install an appropriate DECS engine label as shown on the website above.
- Any party which removes a verified FS-MK system from an engine must ensure the engine and vehicle return to their original factory configuration.
- The installation of the re-designated system must be performed according to the procedures listed in the FS-MK system installation manual.