

**Conditions for Re-designation for the Johnson Matthey, Incorporated (JM),
Advanced Catalyzed Continuously Regenerating Technology
(A_{dv}CCRT™) System
Relating to Executive Order Series DE-09-004
Effective Date: February 3, 2016**

Re-designation means the removal, within the same common ownership fleet, of a complete used verified Diesel Emission Control Strategy (DECS) from an appropriate engine in a vehicle/application and installation to another appropriate engine in a vehicle/application that meets the terms and conditions of the DECS Executive Order 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, *California Code of Regulations*.

Re-designation of a JM A_{dv}CCRT™ system is permitted only under the following terms and conditions:

All re-designations must be performed by an authorized JM distributor.

On behalf of the end-user, the authorized JM distributor must request formal approval for the re-designation from JM. This request to be sent to:

Johnson Matthey HDD Customer Service
Attn: Retrofit Redesignation Request
900 Forge Avenue, Suite 100
Audubon, Pennsylvania 19403

or by email at hddcustomerservice@jmusa.com

If all the conditions for the re-designation are met, JM may issue a written letter of approval.

This letter must include the following information:

- User contact information (name, company, address, phone, email, etcetera.)
- Donor Vehicle information
 - Vehicle Identification Number (VIN)
 - Engine Family Number (EFN) and Serial Number (SN)
 - Date CRT® filter was installed
 - Mileage when installed
 - DECS Serial Number
- Vehicle to be re-designated to
 - VIN
 - EFN and SN

Re-designation may only occur within a same common ownership fleet.

The re-designated system must not be more than seven years old.

Re-designation may only be done if it will meet all the requirements of the A_{dv}CCRT™ system Executive Order (EO). The distributor must confirm in writing that all of the conditions of the EO are met.

All components of the A_{dv}CCRT™ system may be re-designated except for the following:

Table 1 List of exception components for re-designation

Description	Part Number
Dosing Nozzle	JM P/N – 10618
Copper crush washer	JM P/N – 10622
Stainless steel braided Doser to Nozzle fuel hose	120 inches long – JM P/N - 12218 38 inches long – JM P/N – 10768 (Optional) 240 inches long – JM P/N – 10769 (Optional)
Exhaust back pressure sensor	JM P/N - 10106
Back pressure sensor fitting	JM P/N - 10469
Back pressure tubing	JM P/N - 10596
Temperature sensor	JM P/N - 10061
Temperature sensor fitting	JM P/N - 10055
Wiring harness	Engine Section: JM P/N - 10110 Center Section Extension: JM P/N - 10114 DPF Section: JM P/N - 10111
A _{dv} CCRT LED Display	JM P/N – 10100
SAE #4 Hose Clamp	JM P/N 11369
High temperature sleeving for Doser to Nozzle Hose	10 Feet - JM P/N – 12219-10 20 Feet - JM P/N – 11370 (Optional)
½" OD Fuel Hose	JM P/N – 10149-40
Roll of high temperature sleeving for ½" OD Fuel Hose	JM P/N – 11372-40

These components allowed for re-designation must be purchased from JM as an A_{dv}CCRT™ system Re-Designation Kit (Part number 12648).

The DECS engine label from the donor vehicle must be removed and relocated to the recipient vehicle. If it is too badly damaged, a DECS Replacement Label will be issued by JM.

The distributor, with direction from JM, must confirm that the A_{dv}CCRT™ system is still able to achieve its verified emissions levels. Prior the DPF installation, a visual inspection must be performed. A post-DPF field opacity test must be conducted. The opacity reading must be 1.49% or lower for the filter to be considered as a good component. Readings between 1.5% and 3% will be assessed individually and readings greater than 3% indicate a failed filter which will have to be replaced. The distributor must report the opacity value to JM within one week of the opacity test and must maintain a physical record of the opacity test for the duration of the warranty period.

The distributor will in the end, report to JM that all conditions of the EO were met and will provide JM with the date of installation and the mileage when the re-designation was completed.

If all these conditions are not met, the re-designation will be considered to be invalid and in non-compliance with the terms of the governing Executive Order and Verification Procedure.