

+Performance +Reliability +Outstanding Technology +Verified +Expertise +Novel Approach



Basic emissions reduction technology; economical; easy, fit-and-forget installation; verified with ULSD but works with standard diesel fuel.

▶ DCC® Diesel Catalytic Converter



The DCC®, Diesel Catalytic Converter, is Johnson Matthey's basic emissions reduction device and DOC solution. JM's DCC converter is verified for on-road applications using 15 ppm sulfur fuel and it can be used for LSD (Low Sulfur Diesel) applications. JM's DCC converter can reduce opacity and smoke and Particulate Matter is reduced by 20% or more while HC and CO is reduced by up to 40% or more.



Johnson Matthey
Catalysts

DCC Diesel Catalytic Converter



DCC-Expanded EPA Verification for Model Year and PM Reduction

Company	Technology	Verified For:	Baseline S (ppm)	FTP S (ppm)	% PM	% CO	% HC
Johnson Matthey	CEM® Catalytic Exhaust Muffler or DCC Converter	1988 – 1997 Highway, HD, non-Urban Bus, 4-stroke, non-EGR	15	15	20	40	50
Johnson Matthey	CEM® Catalytic Exhaust Muffler or DCC Converter	1998 – 2003 Highway, HD, non-Urban Bus, 4-stroke, non-EGR	15	15	25	40	50
Johnson Matthey	CEM® Catalytic Exhaust Muffler or DCC Converter	2003 Highway, HD, non-Urban Bus, 4-stroke, EGR equipped and 2004 - 2006 Highway, HD, non-Urban Bus, 4-stroke, EGR or non-EGR equipped and certified without a DOC	15	15	20	40	50

Technology Driven

Johnson Matthey utilizes an active, platinum-based catalyst along with a proprietary component to minimize sulfate formation during operation. It is verified for use with ULSD, but it can also be used with 500 ppm sulfur fuel as well. The DCC converter is fully adaptable and effective on any 1988 and newer 4-stroke EGR or non-EGR engine.

Featuring

- EPA verified technology.
- Verified with ULSD but will operate on LSD.
- Reduces PM by 20% or more and HC and CO by over 40%.
- Broadest model year verification including EGR engines.
- Reduces odors.
- Seamlessly fits to replace current muffler.
- Fit and forget technology, no maintenance required.
- Full in-use testing confirms robust PM reductions even after 100,000 miles or more.
- The DCC Converter is also available as a CEM® Catalytic Exhaust Muffler.



- + **P**erformance
- + **R**eliability
- + **O**utstanding Technology
- + **V**erified
- + **E**xpertise
- + **N**ovel Approach

Proven Success

For over 40 years, Johnson Matthey has been the global leader in the emission control industry. Johnson Matthey provides catalytic solutions for controlling emissions from mobile and stationary sources and is the major supplier for the light and heavy-duty diesel markets.

Johnson Matthey

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emission control