

SEMA GARAGE CERTIFICATE OF COMPLIANCE WITH EPA TAMPERING POLICY OF 2020

SEMA GARAGE 1577 VALLEY VISTA DR DIAMOND BAR, CA 91765

Certificate Issued To: BD Engine Brake Inc.

Effective Date: 11/30/2022 **Revision Date:** 12/19/2022

Alex

Certificate Number: SC-BDD01-0018

Revision No.: 1

Peter Treydte
Director of Emissions Compliance

Test Vehicle (Year, Make, Model): 2018 RAM 2500

Test Group Name: JCEXD06.78VV

Evaporative/Refueling Family Name: N/A

. 17/11

Certification Diesel

Evaporative/Refueling Standards:

Exhaust Emissions Standards:

LEV3 ULEV250 / Bin 250 HDV

Engine Displacement: 6.7L

 Product Category:
 Turbocharger Modification
 Product Name:
 Screamer Turbocharger

Components Included with Device:

Exhaust Emissions Test Fuel Type:

Turbocharger, gaskets, seal, hardware.

Pursuant to the EPA tampering policy of 2020, and in accordance with 40 CFR Part 86, this certificate of compliance is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New & In Use Motor Vehicles and which represent the motor vehicle models listed on this certificate by test group and evaporative/refueing emission family, more fully described in the application in the applicable emission standards as more fully described in the SEMA Est report, with the named device installed in accordance with the manufacturer.

SEMA Certified is a voluntary program to independently test, evaluate, and verify the emissions performance of a manufacturer's product. SEMA/SEMA Garage warrants only the accuracy of the information and representations published herein.

SEMA/SEMA Garage, EXCEPT AS OTHERWISE EXPRESSLY PROVIDED HEREIN, DISCLAIMS ALL OTHER WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, APPLICATION OF THE PROGRAM AND

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Issuance of this certificate is evidence that the specified device has been tested on a vehicle represe<mark>ntative of the models listed, and the results have</mark> been deter<mark>mi</mark>ned to be in compliance with the applicable Federal standards. It is further stated that the issuance of this certificate is in part predicated on information provided and attested to by the applicant. If any of this information is later deemed to be false, inaccurate, misleading, or incomplete, this certificate is no longer valid.

Any party participating in the SEMA Certified should rely on their own independent judgment or, as appropriate, seek the advice of a competent professional in determining the exercise of reasonableness in any given circumstances.

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This certificate does not constitute an endorsement of any claims by the applicant concerning the benefits of this device.

			Summary of Tests Performed															
Results (Cert Standard %)																		
NMHC+NOx	C+NOx CO		PM		НСНО													
.191 0.250 76%	0.1	6.4	2%	0.005	0.06	8%	0.1	6	2%									
NMHC+NOx	HC+NOx CO		PM															
.144 0.800 18%	0.1	22.0	0%	1.9	N/A	N/A												
NMHC+NOx																		
.014 0.250 6%																		
	191 0.250 76% NMHC+NOX 144 0.800 18% NMHC+NOX	191 0.250 76% 0.1 NMHC+NOx 144 0.800 18% 0.1 NMHC+NOx	191 0.250 76% 0.1 6.4 NMHC+NOx CO 144 0.800 18% 0.1 22.0 NMHC+NOx	191 0.250 76% 0.1 6.4 2% NMHC+NOx CO 144 0.800 18% 0.1 22.0 0% NMHC+NOx	191 0.250 76% 0.1 6.4 2% 0.005 NMHC+NOx CO 144 0.800 18% 0.1 22.0 0% 1.9 NMHC+NOx	191 0.250 76% 0.1 6.4 2% 0.005 0.06 NMHC+NOX CO PM 144 0.800 18% 0.1 22.0 0% 1.9 N/A NMHC+NOX	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% NMHC+NOx CO PM 144 0.800 18% 0.1 22.0 0% 1.9 N/A NMHC+NOx NM	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 NMHC+NOx CO PM	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 6 NMHC+NOx CO PM 144 0.800 18% 0.1 22.0 0% 1.9 N/A N/A NMHC+NOx	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 6 2% NMHC+NOx CO PM	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 6 2% NMHC+NOx CO PM	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 6 2% NMHC+NOx CO PM	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 6 2% NMHC+NOx CO PM 144 0.800 18% 0.1 22.0 0% 1.9 N/A N/A NMHC+NOx NMHC+NOx	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 6 2% NMHC+NOx CO PM 144 0.800 18% 0.1 22.0 0% 1.9 N/A N/A NMHC+NOx NMHC+NOx	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 6 2%	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 6 2%	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 6 2%	191 0.250 76% 0.1 6.4 2% 0.005 0.06 8% 0.1 6 2%

Pertinent Information:



Applicable Models

SC-BDD01-0018

Device P/N	Make	Model	Eng. Disp.	Eng. Desc.	Fuel Type	Model Year	Test Group (Excluded)		
1045770 DODGE		RAM 3500	6.7L	Turbocharged	Diesel	2007	7CEXK040848W		
1045770	DODGE	RAM 2500	6.7L	Turbocharged	Diesel	2007	7CEXK040838W		
1045770	DODGE	RAM 3500	6.7L	Turbocharged	Diesel	2008	8CEXK06.7UXW		
1045770	DODGE	RAM 2500	6.7L	Turbocharged	Diesel	2008	8CEXK06.7TXW		
1045770	DODGE	RAM 2500	6.7L	Turbocharged	Diesel	2009	9CEXD06.76VV		
1045770	DODGE	RAM 3500	6.7L	Turbocharged	Diesel	2009	9CEXD06.78WV		
1045770	DODGE	RAM 3500	6.7L	Turbocharged	Diesel	2010	ACEXD06.78WW		
1045770	DODGE	RAM 2500	6.7L	Turbocharged	Diesel	2010	ACEXD06.78VV		
1045770	DODGE	RAM 2500	6.7L	Turbocharged	Diesel	2011	BCEXD06.78VV		
1045770	DODGE	RAM 3500	6.7L	Turbocharged	Diesel	2011	BCEXD06.78WV		
1045770	DODGE	RAM 2500	6.7L	Turbocharged	Diesel	2012	CCEXD06.78VV		
1045770	DODGE	RAM 3500	6.7L	Turbocharged	Diesel	2012	CCEXD06.78WV		
1045771	RAM	2500	6.7L	Turbocharged	Diesel	2013	DCEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2013	DCEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2013	DCEXD06.78WV		
1045771	RAM	2500	6.7L	Turbocharged	Diesel	2014	ECEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2014	ECEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2014	ECEXD06.78WV		
1045771	RAM	2500	6.7L	Turbocharged	Diesel	2015	FCEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2015	FCEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2015	FCEXD06.78WV		
1045771	RAM	2500	6.7L	Turbocharged	Diesel	2016	GCEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2016	GCEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2016	GCEXD06.78WV		
1045771	RAM	2500	6.7L	Turbocharged	Diesel	2017	HCEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2017	HCEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2017	HCEXD06.78WV		
1045771	RAM	2500	6.7L	Turbocharged	Diesel	2018	JCEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2018	JCEXD06.78VV		
1045771	RAM	3500	6.7L	Turbocharged	Diesel	2018	JCEXD06.78WV		
1045772	RAM	2500	6.7L	Turbocharged	Diesel	2019	KCEXD06.78VV		
1045772	RAM	3500	6.7L	Turbocharged	Diesel	2019	KCEXD06.78WV		
1045772	RAM	2500	6.7L	Turbocharged	Diesel	2020	LCEXD06.78VV		
1045772	RAM	3500	6.7L	Turbocharged	Diesel	2020	LCEXD06.78WV		
1045772	RAM	2500	6.7L	Turbocharged	Diesel	2021	MCEXD06.78VV		
1045772	RAM	3500	6.7L	Turbocharged	Diesel	2021	MCEXD06.78WV		
1045772	RAM	2500	6.7L	Turbocharged	Diesel	2022	NCEXD06.78VV		
1045772	RAM	3500	6.7L	Turbocharged	Diesel	2022	NCEXD06.78WV		