



EXECUTIVE ORDER D-439-9

Relating to Exemptions under
Section 27156 of the Vehicle Code

Pacesetter Exhaust
Shorty Exhaust Headers

Pursuant to the authority vested in the California Air Resources Board (CARB) by Section 27156 of the Vehicle Code (VC); and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: That installation of the Shorty Exhaust Headers, manufactured by Pacesetter Exhaust, 2841 West Clarendon Avenue, Phoenix, Arizona 85017, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems, and therefore, the Shorty Exhaust Headers are exempt from the prohibitions in VC Section 27156 for installation on the following General Motors vehicle applications listed in Exhibit A.

The Shorty Exhaust Headers is a shorty style header, manufactured out of 16 gage mild steel with either a black or ceramic finish. The oxygen sensor is retained in the stock location, at a collector. The headers may include a connecting Y-pipe that is also manufactured out of 16 gage mild steel.

This Executive Order is valid provided that the installation instructions for the Shorty Exhaust Headers will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Shorty Exhaust Headers, as exempt by the California Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

The California Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

This Executive Order does not constitute any opinion as to the effect that the use of this device may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emission test data generated on a 2015 model year Chevrolet Camaro (FGMXV06.2089, LEV II ULEV, PC), modified with the Shorty Exhaust Headers. Test results showed that emission levels, with the Shorty Exhaust Headers installed, were below the emission standards when tested using Cold-Start CVS-75 Federal Test Procedure (FTP), Highway Fuel Economy Test (HWFET), and the Supplemental Federal Test Procedure (SFTP US06) test cycles. Results from emission testing conducted at the SEMA Garage, Diamond Bar, California, are shown below, in grams per mile, with deterioration factors (df) applied.

	CVS-75 FTP				
	NMOG	CO	NOx	HCHO	
Standards, UL	0.070	2.1	0.04	0.011	
Device Test	0.054	1.0	0.02	0.002	
(w/ df applied, 2 test avg)					
	US06		CO	HWFT- Standard	NOx
	NMHC+NOx			Device w/df	
Standards 4k	0.14		8.0		0.05
Device	0.02		0.2		0.02

Examination of the OBD II system showed the Shorty Exhaust Headers does not affect OBD II system operation.

The California Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE CALIFORNIA AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE SHORTY EXHAUST HEADERS.

Marketing of the Shorty Exhaust Headers using any identification other than that shown in this Executive Order or marketing of the Shorty Exhaust Headers for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the California Air Resources Board.

No claim of any kind, such as "Approved by the California Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 29th day of March 2018.


Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division

Exhibit A

PN	Notes	Make	Model	Engine Description	Model Year
70-1105, 72C1105		CHEVROLET/ISUZU	Luv/Pup	1.8L NA, 2.0L NA, 2.3L NA	1976-83
70-1200, 72C1200		CHEVROLET/GMC	S-10/Sonoma (S-15)	2.2L NA	2003
70-1204, 72C1204		CHEVROLET/GMC	1/2 Ton, 3/4 Ton Pickup, Van, Motorhome	230/250/292 CI NA	1965-87
70-1205, 72C1205		PONTIAC	Grand Prix GT	3.8L SC	2006-07
		PONTIAC	Grand Prix GTP	3.8L SC	1997-06
		CHEVROLET	Impala, Monte Carlo*	3.8L SC	2003-05
		BUICK	Regal GS	3.8L SC	1997-04
70-1207, 72C1207		PONTIAC	Grand Prix	3.1L NA	1997-03
70-1213, 72C1213		CHEVROLET	Monte Carlo	3.8L NA	2004-05
		CHEVROLET	Impala	3.8L NA	2000-05
		PONTIAC/BUICK	Grand Prix/Regal LS	3.8L NA	1997-04
70-1214, 72C1214		PONTIAC	Grand Am	3.4L NA	1999-05
		OLDSMOBILE	Alero	3.4L NA	1999-04
		CHEVROLET	Malibu	3.1L NA	1997-03
70-1270, 72C1270		SATURN	SC2 COUPE/SL2 SEDAN	1.9L NA	1995-96
70-1272, 72C1272		CHEVROLET/SATURN	COBALT/ION FWD	2.2L NA	2005
70-1275, 72C1275		CHEVROLET/PONTIAC	CAVALIER/SUNFIRE	2.2L NA	1995-97
70-1276, 72C1276		CHEVROLET/PONTIAC	CAVALIER/SUNFIRE	2.2L NA	1998-02
70-1279, 72C1279		CHEVROLET/PONTIAC	Cavalier, Malibu/Sunfire	2.2L NA	2005
70-1321, 72C1321		GMC/CHEVROLET	1500 PICKUP	4.3L NA	1996-98
70-1344, 72C1344	w/o air inj, w/ EGR	CHEVROLET/GMC	Silverado Classic/Sierra Classic	4.8L NA, 5.3L NA, 6.0L NA	2007
		CHEVROLET/GMC	Silverado/Sierra	4.8L NA, 5.3L NA, 6.0L NA	1999-06
		CHEVROLET/GMC	Express/Savana	4.8L NA, 5.3L NA, 6.0L NA	2003-07
		CHEVROLET	Avalanche	6.0L NA	2007
		CHEVROLET	Avalanche	5.3L NA	2002-06
		CADILLAC	Escalade	6.0L NA	2002-06
		CADILLAC	Escalade	5.3L NA	2002-05
		CHEVROLET/GMC	Suburban/Yukon XL	6.0L NA	2000-07
		CHEVROLET/GMC	Suburban/Yukon XL	5.3L NA	2001-07
		HUMMER	H2*	6.0L NA	2003-07
		GMC	Yukon	6.0L NA	2001-06
		CHEVROLET/GMC	Tahoe/Yukon	5.3L NA	2002-07
		CHEVROLET/GMC	Tahoe/Yukon	4.8L NA	2002-06
		CHEVROLET/GMC	Silverado Classic/Sierra Classic	4.8L NA, 5.3L NA, 6.0L NA	2007
70-1345, 72C1345	w/ air inj, w/EGR	CHEVROLET/GMC	Silverado/Sierra	4.8L, 6.0L NA	1999-06
		CHEVROLET/GMC	Silverado/Sierra	5.3L NA	2000-06
		CHEVROLET/GMC	Express/Savana	4.8L NA, 5.3L NA, 6.0L NA	2003-07
		CHEVROLET	Avalanche	6.0L NA	2007
		CHEVROLET	Avalanche	5.3L NA	2002-06
		CADILLAC	Escalade	6.0L NA	2002-06
		CADILLAC	Escalade	5.3L NA	2002-05
		CHEVROLET/GMC	Suburban/Yukon XL	6.0L NA	2000-07
		CHEVROLET/GMC	Suburban/Yukon XL	5.3L NA	2001-07
		HUMMER	H2*	6.0L NA	2003-07
		GMC	Yukon	6.0L NA	2001-06
		CHEVROLET/GMC	Tahoe/Yukon	5.3L NA	2002-07
		CHEVROLET/GMC	Tahoe/Yukon	4.8L NA	2002-06
		CHEVROLET/GMC	Avalanche	5.3L NA	2002-13
70-1346, 72C1346	w/o EGR	CHEVROLET/GMC	Avalanche	4.8L NA	2008-13
		CHEVROLET/GMC	Avalanche	6.0L NA	2007-09
		CADILLAC	Escalade	6.2L NA	2006-13
		CADILLAC	Escalade	6.0L NA	2002-13
		CADILLAC	Escalade	5.3L NA	2002-05
		CHEVROLET/GMC	Express/Savana	4.8L NA, 5.3L NA, 6.0L NA	2003-14
		CHEVROLET/GMC	Suburban/Yukon XL	5.3L NA	2001-14
		CHEVROLET/GMC	Suburban/Yukon XL	6.0L NA	2000-13
		CHEVROLET/GMC	Suburban/Yukon XL	4.8L NA	2008-13
		CHEVROLET/GMC	Silverado/Sierra	4.8L NA, 5.3L NA, 6.0L NA	2007-13
		CHEVROLET/GMC	Silverado Classic/Sierra Classic	4.8L NA, 5.3L NA, 6.0L NA	2007
		CHEVROLET/GMC	Silverado/Sierra	4.8L NA, 5.3L NA, 6.0L NA	1999-06
		HUMMER	H2*	6.0L NA	2003-07
		WORKHORSE	Fastrack, P30	6.0L NA	2004-05
70-1350, 72C1350		GMC	Yukon	6.0L NA	2001-06
		CHEVROLET/GMC	Tahoe/Yukon	5.3L NA	2002-14
		CHEVROLET/GMC	Tahoe/Yukon	4.8L NA	2002-13
		WORKHORSE	Fastrack, P30	4.8L NA	2004-05
		CHEVROLET	CAMARO	6.2L SC	2012-15
		CHEVROLET	SS	6.2L NA	2014-16
70-1353, 72C1353		CHEVROLET	CAMARO	6.2L NA	2010-15
		PONTIAC	G8	6.2L NA	2009
		CHEVROLET	CAPRICE PPV	6.0L NA	2011-15
70-1355, 72C1355		PONTIAC	G8	6.0L NA	2008-09
70-1356, 72C1356		CHEVROLET	CAMARO	3.6L NA	2010-11
70-1358, 72C1358		CHEVROLET	S10 PICKUP 4WD	4.3L NA	1996-01
		CHEVROLET	S10 PICKUP 2WD	4.3L NA	1996-01
		CHEVROLET/GMC	Silverado/Sierra	5.3L NA	2014-15
		CHEVROLET/GMC	Silverado/Sierra	6.2L NA	2014-16
		CHEVROLET/GMC	Suburban/Yukon XL	5.3L NA	2015
		CHEVROLET/GMC	Suburban/Yukon XL	6.2L NA	2015-16
		CADILLAC	Escalade	6.2L NA	2015-16

