

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-269-28

Relating to Exemptions Under Section 27156
of the California Vehicle Code

K&N Engineering
Filtercharger Injection Performance Kit

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Filtercharger Injection Performance Kit, produced and marketed by K&N Engineering of 1455 Citrus Ave., Riverside, California 92507, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the vehicles listed in Exhibit A.

The Filtercharger Injection Performance Kit includes the following main components: open-element reusable air filter, heat shield (as applicable), intake system tubing, crankcase ventilation hose (as applicable, which may be silicone, and a color other than black), assorted brackets, and hardware.

This Executive Order is valid provided that the installation instructions for the Filtercharger Injection Performance Kit 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 Filtercharger Injection Performance Kit, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

This Executive Order shall not apply to any Filtercharger Injection Performance Kit advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

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

This Executive Order does not constitute any opinion as to the effect the use of the Filtercharger Injection Performance Kit units may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on emission test results in the modified configuration using the Cold-Start CVS-75 Federal Test Procedure, Supplemental Federal Test Procedure (US06), and an examination of the On-Board Diagnostic II (OBD II) system. A 2004 Chrysler PT Cruiser with a 2.4 liter engine (4CRXV02.4VE0, LEV-II LEV) was used for the evaluation of the Filtercharger Injection Performance Kit. Results from emissions testing conducted at Quantum Technologies, are shown below (in grams per mile):

FTP	50k	NMOG	CO	NOx	HCHO
	Emission Level	0.050	0.577	0.047	0.002
	(w/ DF applied)				
	STD	0.075	3.4	0.05	0.015
	100k	NMOG	CO	NOx	HCHO
	Emission Level	0.065	0.857	0.067	0.004
	(w/ DF applied)				
	STD	0.090	4.2	0.07	0.018
US06	NMHC + NOx	CO			
	Meas.	0.025	0.577		
	STD	0.14	8.0		

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the Filtercharger Injection Performance Kit does not affect OBD II operation.

If evidence provides the ARB with reason to suspect that the Filtercharger Injection Performance Kit will affect the durability of emission control systems, K&N Engineering shall be required to submit durability data to show that the durability of vehicle emission control systems are not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

The ARB 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 AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF K&N ENGINEERING' FILTERCHARGER INJECTION PERFORMANCE KIT.

No claim of any kind, such as "Approved by the 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 23rd day of December 2004.

Raphael Leonovitz
for Allen Lyons, Chief
Mobile Source Operations Division

Year	Make	Model	Engine	P/N	Comment
1997-1999	BMW	323 is	L6-2.5L	57-1000	
1998-1999	BMW	323 Ci	L6.2.5L	57-1000	
1992-1995	BMW	325 i ,is, Ci	L6-2.5L	57-1000	
1995-1999	BMW	328 Ci	L6-2.8L	57-1000	
1996-1999	BMW	328 i ,is	L6-2.8L	57-1000	
1995	BMW	M3	L6-3.0L	57-1000	
1996-1999	BMW	M3	L6-3.2L	57-1000	
2000-2004	Dodge	Neon	L4-2.0L	57-1534	
2003-2004	Dodge	Neon SRT-4	L4-2.4L Turbo	57-1535	
2003-2004	Dodge	Viper	V10-8.3L	57-1536	
2002-2004	Dodge	Ram 1500	V6-3.7L	57-1537	
1988-1995	Ford	F150	V8-5.0L / 5.8L	57-2542	
1988-1995	Ford	Bronco	V8-5.0L / 5.8L	57-2542	
1997-2004	Ford	F150	V6-4.2L	57-2550	
2003-2004	Lincoln	Navigator	V8-5.4L DOHC	57-2551	
2001-2003	Ford	Ranger	L4-2.3L DOHC	57-2552	
2001-2003	Mazda	B2300	L4-2.3L DOHC	57-2552	
2003	Ford	Crown Victoria	V8-4.6L SOHC	57-2553	
2002-2003	Ford	Ranger	V6-3.0L	57-2554	
2002-2003	Mazda	B3000	V6-3.0L	57-2554	
2003-2004	Ford	Mustang Mach 1	V8-4.6L DOHC	57-2555	
2004	Ford	F150	V8-5.4L	57-2556	
2004	Ford	F150	V8-4.6L	57-2557	
2000-2002	Lincoln	Navigator	V8-5.4L DOHC	57-2558	
2003-2004	Cadillac	CTS	V6-3.2L DOHC	57-3040	
1998-2002	Chevrolet	Camaro	V6-3.8L	57-3041	
1998-2002	Pontiac	Firebird	V6-3.8L	57-3041	
2004	Cadillac	CTS	V6-3.6L DOHC	57-3042	
2001-2004	Nissan	Pathfinder	V6-3.5L	57-6011	
2004	Nissan	Titan	V8-5.6L	57-6012	
2004	Nissan	Armada	V8-5.6L	57-6012	
1999-2004	Toyota	Land Cruiser	V8-4.7L DOHC	57-9021	
1995-1998	Toyota	T100	V6-3.4L	57-9024	
1999-2004	Jeep	Grand Cherokee	V8-4.7L	57-1513-1	
1997-2004	Jeep	Wrangler	L6-4.0L	57-1514-1	
2001-2004	Chrysler	PT Cruiser	L4-2.4L	57-1515-1	
2000-2004	Dodge	Dakota	V8-4.7L	57-1516	
2000-2004	Dodge	Durango	V8-4.7L	57-1516	
2000-2003	Dodge	Interpid RT	V6-3.5L	57-1522	
2004	Dodge	Intrepid SXT	V6-3.5L	57-1522	
2000-2004	Chrysler	300m	V6-3.5L	57-1522	
1998-2004	Dodge	Interpid	V6-2.7L	57-1523	
1999-2004	Jeep	Grand Cherokee	L6-4.0L	57-1526	
2002-2004	Dodge	Ram 1500	V8-4.7L	57-1529	
2003-2004	Chrysler	PT Cruiser	2.4L Turbo	57-1531	
2003-2004	Dodge	Ram 2500/3500	L6-5.9 Turbo Diesel	57-1532	

2003-2004	Dodge	Ram 1500/2500/3500	V8-5.7L HEMI	57-1533
2004	Ford	F150 Heritage	V8-4.6L	57-2541
2000-2003	Ford	F150	V8-4.6L, 5.4L	57-2541
1997-1999	Ford	F-Series (exc. Super Duty)	V8-4.6L, 5.4L	57-2541
1997-2002	Ford	Expedition	V8-4.6L, 5.4L	57-2541
1998-1999	Lincoln	Navigator	V8-5.4L SOHC	57-2541
1996-2004	Ford	Mustang GT	V8-4.6L SOHC	57-2519-3
1999-2004	Ford	F-Series Super Duty	V10-6.8L	57-2524-2
2000-2004	Ford	Excursion	V10-6.8L	57-2524-2
1999-2004	Ford	F-Series Super Duty	V8-5.4L	57-2525-2
2000-2004	Ford	Excursion	V8-5.4L	57-2525-2
2000-2004	Ford	Focus	L4-2.0L DOHC	57-2526-2
2001-2003	Ford	Ranger	V6-4.0L	57-2529-1
2001	Ford	Explorer	V6-4.0L	57-2529-1
2001-2003	Ford	Explorer Sport	V6-4.0L	57-2529-1
2001-2004	Ford	Explorer Sport Trac	V6-4.0L	57-2529-1
2001-2003	Mazda	B4000	V6-4.0L	57-2529-1
1999-2004	Ford	Mustang	V6-3.8L	57-2532
2003-2004	Ford	Expedition	V8-4.6L	57-2538
2003-2004	Ford	Expedition	V8-5.4L	57-2538
2003-2004	Ford	Mustang SVT Cobra	V8-4.6L DOHC SC	57-2545
2003-2004	Ford	F-Series Super Duty	V8-6.0L turbo Diesel	57-2546
2003-2004	Ford	Excursion	V8-6.0L turbo Diesel	57-2546
2001-2004	Ford	Lightning	V8-5.4L S/C	57-2549
2002-2003	Ford	F-150 Harley Davison	V8-5.4L S/C	57-2549
1996-1999	Chevrolet	Silverado	V8-5.0L	57-3013-2
1996-1999	GMC	Sierra	V8-5.0L	57-3013-2
1996-2000	Chevrolet	Silverado	V8-5.7L	57-3013-2
1996-2000	GMC	Sierra	V8-5.7L	57-3013-2
1996-2000	Chevrolet	Suburban	V8-5.7L	57-3013-2
1996-2000	Chevrolet	Tahoe	V8-5.7L	57-3013-2
1996-2000	GMC	Yukon	V8-5.7L	57-3013-2
1999-2000	GMC	Yukon Denali	V8-5.7L	57-3013-2
1996-2004	Chev	Blazer	V6-4.3L	57-3017-2
1996-2004	Chev	S-10 Pickup	V6-4.3L	57-3017-2
1996-2001	GMC	Jimmy	V6-4.3L	57-3017-2
1996-2004	GMC	S-15 Sonoma	V6-4.3L	57-3017-2
1999-2004	Chev	Silverado 1500	V8-4.8L	57-3021-1
1999-2004	Chev	Silverado 1500	V8-5.3L	57-3021-1
1999-2004	GMC	Sierra 1500	V8-4.8L	57-3021-1
1999-2004	GMC	Sierra 1500	V8-5.3L	57-3021-1
2001-2004	Chev	Silverado 1500HD	V8-6.0L	57-3023-1
1999-2004	Chev	Silverado 2500	V8-5.3L	57-3023-1
1999-2004	Chev	Silverado 2500	V8-6.0L	57-3023-1
2003-2004	Chev	Silverado SS	V8-6.0L	57-3023-1
2000-2004	Chev	Tahoe	V8-4.8L, 5.3L	57-3023-1
2000-2004	Chev	Suburban	V8-5.3L, 6.0L	57-3023-1
2001-2004	GMC	Sierra 1500HD	V8-6.0L	57-3023-1
1999-2004	GMC	Sierra 2500	V8-5.3L	57-3023-1
1999-2004	GMC	Sierra 2500	V8-6.0L	57-3023-1
2001	GMC	Sierra C3	V8-6.0L	57-3023-1

2002-2004	GMC	Sierra Denali	V8-6.0L	57-3023-1	
2000-2004	GMC	Yukon	V8-4.8L, 5.3L	57-3023-1	
2000-2004	GMC	Yukon XL	V8-5.3L, 6.0L	57-3023-1	
1999-2004	GMC	Yukon Denali	V8-5.3L	57-3023-1	
2001-2004	GMC	Yukon Denali	V8-6.0L	57-3023-1	
2002-2004	Cadillac	Escalade	V8-5.3L	57-3023-1	
2002-2004	Cadillac	Escalade	V8-6.0L	57-3023-1	
2002-2004	Cadillac	Escalade EXT	V8-6.0L	57-3023-1	
2003-2004	Cadillac	Escalade ESV	V8-6.0L	57-3023-1	
2001-2004	Chevrolet	Silverado 2500HD, 3500	V8-8.1L	57-3030-1	
2001-2004	GMC	Sierra 2500HD, 3500	V8-8.1L	57-3030-1	
2001-2004	Chevrolet	Silverado 2500HD, 3500	V8-6.0L	57-3031-1	
2001-2004	GMC	Sierra 2500HD, 3500	V8-6.0L	57-3031-1	
2001-2004	Chevrolet	Suburban	V8-8.1L	57-3032	
2002-2004	Chevrolet	Avalanche 2500	V8-8.1L	57-3032	
2001-2004	GMC	Yukon XL	V8-8.1L	57-3032	
2002-2004	Chevrolet	Avalanche	V8-5.3L	57-3033	
2001-2004	Chevrolet	Silverado HD	V8-6.6L Turbo Diesel	57-3034	
2001-2004	GMC	Sierra HD	V8-6.6L Turbo Diesel	57-3034	
2001-2004	Chevrolet	Corvette (except Z06)	V8-5.7L	57-3035	
2003-2004	Hummer	H2	V8-6.0L	57-3037	
2002-2004	Chevrolet	Trailblazer	L6-4.2L	57-3036	
2002-2004	GMC	Envoy	L6-4.2L	57-3036	
2002-2004	Oldsmobile	Bravada	L6-4.2L	57-3036	
1999-2004	Chevrolet	Silverado	V6-4.3L	57-3038	
1999-2004	GMC	Sierra	V6-4.3L	57-3038	
2001-2004	Honda	Civic	L4-1.7L	57-3513	
2000-2003	Honda	S2000	L4-2.0L	57-3514	
2004	Honda	S2000	L4-2.2L	57-3514	
1999-2004	Toyota	Tacoma	V6-3.4L	57-9015-1	
1999-2002	Toyota	4Runner	V6-3.4L	57-9015-1	
2000-2004	Toyota	Tacoma	L4-2.4L, 2.7L	57-9016-1	
2000-2001	Toyota	4Runner	L4-2.7L	57-9016-1	
2001-2004	Lexus	IS300	L6-3.0L	57-9018	
2000-2002	Toyota	Tundra	V6-3.4L	57-9019	2003, 2004 excluded
2002	Toyota	Tundra	V8-4.7L	57-9020	2003, 2004 excluded
2002-2004	Toyota	Sequoia	V8-4.7L	57-9020	
2000-2004	Mitsubishi	Eclipse	V6-3.0L	57-5505	
1999-2004	Nissan	Frontier	V6-3.3L	57-6005	
2000-2004	Nissan	Xterra	V6-3.3L	57-6005	
2001-2004	Nissan	Frontier	V6-3.3L S/C	57-6010	
2002-2004	Nissan	Xterra	V6-3.3L S/C	57-6010	