

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-554-3

Relating to Exemptions Under Section 27156
of the Vehicle Code

DOUG'S HEADERS
EXHAUST HEADERS

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 Exhaust Headers, manufactured and marketed by Doug's Headers, 1391 Dodson Way, Riverside, California, 92507 has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the vehicle applications listed in Exhibit A which is attached hereto and incorporated herein. **The following vehicles that are equipped with a close coupled warm up catalyst are excluded from this Executive Order for long tube headers only: General Motors 2001 model year vehicles with engine test groups 1GMXA05.3185, 1GMXA06.0188, 1GMXA08.1201, and 1GMXA08.1203**

The Exhaust Headers are manufactured out of 16 gage stainless steel or 14 gage mild steel. The design of the long tube headers may include a Y-pipe, while that of short tube headers may either connect to the stock connecting pipe or include a new one. All emission components are retained in their original location. **The location of the oxygen sensor is at the collector in the connecting pipe, in the stock location and configuration.**

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

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

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

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

Exemption of the Exhaust Headers shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

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

This Executive Order is granted based on prior submitted emissions test data (Executive Orders D-554 and D-554-2) and emissions test data generated on a 2005 model year 6.0L Chevrolet C1500 certified to the Super Ultra Low-Emission Vehicle (SULEV) emission standards, and a 2005 model year 5.4L Ford F-150 certified to the Low-Emission Vehicle II Low-Emission Vehicle (LEV II LEV) emission standards. Emission levels of the modified vehicles (short tube header installed) met the applicable emission standards over the Cold-Start CVS-75 Federal Test Procedure (FTP) and the Supplemental FTP (US06) test cycles. Results are in grams per mile with deterioration factors applied to the CVS-75 FTP test results:

<u>Ford F-150</u>	CVS-75				US06	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards	0.075	3.4	0.05	0.015	0.60	11.8
Device	0.048	1.2	0.02	0.001	0.01	6.5

<u>Chevrolet C1500</u>	CVS-75				US06	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards	0.125	3.4	0.14	0.015	0.40	10.5
Device	0.067	1.1	0.06	0.001	0.05	0.6

This Executive Order is also based on an On-Board Diagnostic II (OBD II) test conducted on the same test vehicles. Test data showed that the headers when installed on the vehicles did not affect the vehicle's ability to perform its OBD II monitoring.

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 THE EXHAUST HEADERS.

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 30th day of September 2005.



Allen Lyons, Chief
Mobile Source Operations Division

**Exhibit A
Short Tube**

Year	Engine	Application	Part Number
98-99	LS-1	Chevy Camaro	D3327
98-99	LS-1	Pontiac Firebird, Trans AM	D3327
92-95	350 LT-1	Chevy Corvette	D3330
97-98	350 LS-1/LS-6	Chevy Corvette	D3331
2000	350 LS-1/LS-6	Chevy Corvette	D3332
01-04	350 LS-1/LS-6	Chevy Corvette	D3333
04-05	4.8-5.3L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd	D3373
04-05	4.8-5.3L	Chevy/GMC Suburban, Tahoe & Yukon 2wd	D3373
04-05	4.8-5.3L	Chevy /GMC 1/2 & 3/4 Ton Pick-ups 4wd	D3373
04-06	4.8-5.3L	Chevy/GMC Suburban, Tahoe & Yukon 4wd	D3373
86-93	255-302W	Ford Mustang	D6673
86-93	255-302W	Ford Mustang	D6674
86-93	255-302W	Ford Mustang	D6675
94-95	255-302W	Ford Mustang	D6676
94-95	351W	Ford Mustang	D6677
96-98	4.6L 2V	Ford Mustang	D6678
99-04	4.6L 2V	Ford Mustang	D6680
97-03	5.4L	Ford F150, F250 & F350 2&4wd Pick up	D6658
04-06	4.6-5.4Liter	Ford F150 2&4wd Pick-up	D6659

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**Exhibit A
Long Tube**

Year	Engine	Application	Part Number
73-87	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd, 2 1/2" catalytic converter & heat riser	D3367Y-1
73-87	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd, 2 1/2" catalytic converter	D3367Y-2
73-87	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd, 3" catalytic converter	D3367Y-3
73-87	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd, 3" catalytic converter & heat riser	D3367Y-4
88-95	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd	D3383-1
88-95	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd	D3383-2
88-95	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd	D3385Y-1
88-95	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd	D3385Y-2
88-95	396-454	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd	D3388
96-98	5.7L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd	D3302
96-00	7.4-8.1L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd	D3396
1999	4.8-6.0L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd,with air injection	D3353-1
1999	4.8-6.0L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd	D3353-2
00-01	4.8-6.0L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd,with air injection	D3353-3
00-01	5.3-6.0L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 2wd	D3353
73-87	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd, 2 1/2" catalytic converter & heat riser	D3367Y-1
73-87	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd, 2 1/2" catalytic converter	D3367Y-2
73-91	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd, 3" catalytic converter	D3367Y-3
73-91	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd, 3" catalytic converter & heat riser	D3367Y-4
88-95	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd	D3383-1
88-95	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd	D3383-2
88-95	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd	D3385Y-1
88-95	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd	D3385Y-2
96-98	5.7L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd	D3302
96-00	7.4-8.1L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd	D3396
86-91	396-502	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd	D3399Y-1
92-95	396-502	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd	D3388
1999	4.8-6.0L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd,with air injection	D3353-1
1999	4.8-6.0L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd	D3353-2
00-01	4.8-6.0L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd,with air injection	D3353-3
00-01	5.3-6.0L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 2wd	D3353
73-91	265-400	Chevy/GMC 1 Ton Pick-ups 2wd, 2 1/2" catalytic converter & heat riser	D3367Y-1
73-91	265-400	Chevy/GMC 1 Ton Pick-ups 2wd, 2 1/2" catalytic converter	D3367Y-2
73-91	265-400	Chevy/GMC 1 Ton Pick-ups 2wd, 3" catalytic converter	D3367Y-3
73-91	265-400	Chevy/GMC 1 Ton Pick-ups 2wd, 3" catalytic converter & heat riser	D3367Y-4
88-95	265-400	Chevy/GMC 1 Ton Pick-ups 2wd	D3383-1
88-95	265-400	Chevy/GMC 1 Ton Pick-ups 2wd	D3383-2
88-95	265-400	Chevy/GMC 1 Ton Pick-ups 2wd	D3385Y-1
88-95	265-400	Chevy/GMC 1 Ton Pick-ups 2wd	D3385Y-2
96-98	5.7L	Chevy/GMC 1 Ton Pick-ups 2wd	D3302-1
96-00	7.4-8.1L	Chevy/GMC 1 Ton Pick-ups 2wd	D3396
86-91	396-502	Chevy/GMC 1 Ton Pick-ups 2wd	D3399Y-2
88-95	396-502	Chevy/GMC 1 Ton Pick-ups 2wd	D3388
00-01	6.0L	Chevy/GMC 1 Ton Pick-ups 2wd	D3353
73-91	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd, 2 1/2" catalytic converter & heat riser	D3364Y-1
73-91	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd, 2 1/2" catalytic converter	D3364Y-2
73-91	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd, 3" catalytic converter	D3364Y-3
73-91	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd, 3" catalytic converter & heat riser	D3364Y-4
73-91	265-400	Chevy Blazer, Jimmy 3" catalytic converter & no heat riser	D3364Y-5
73-91	265-400	Chevy Blazer, Jimmy 3" catalytic converter & heat riser	D3364Y-6
88-95	265-400	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd	D3386
88-95	396-502	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd	D3389
96-00	7.4-8.1L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd	D3397
2001	7.4-8.1L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd	D3398

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**Exhibit A
Long Tube**

96-98	5.7L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd	D3302
1999	4.8-6.0L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd,with air injection	D3353-1
1999	4.8-6.0L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd	D3353-2
00-01	4.8-6.0L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd, with air injection	D3353-3
00-01	5.3-6.0L	Chevy/GMC 1/2 & 3/4 Ton Pick-ups 4wd	D3353
73-87	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd, 2 1/2" catalytic converter & heat riser	D3364Y-1
73-87	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd, 2 1/2" catalytic converter	D3364Y-2
73-91	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd, 3" catalytic converter	D3364Y-3
73-91	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd, 3" catalytic converter & heat riser	D3364Y-4
88-95	265-400	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd	D3386
88-95	396-502	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd	D3389
96-00	7.4-8.1L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd	D3397
2001	7.4-801L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd	D3398
96-98	5.7L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd	D3302
1999	4.8-6.0L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd, with air injection	D3353-1
1999	4.8-6.0L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd	D3353-2
00-01	4.8-6.0L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd, with air injection	D3353-3
00-01	5.3-6.0L	Chevy/GMC Blazer,Yukon,Jimmy,Suburban & Tahoe 4wd	D3353
73-91	265-400	Chevy/GMC 1 Ton Pick-ups 4wd, 2 1/2" catalytic converter & heat riser	D3364Y-1
73-91	265-400	Chevy/GMC 1 Ton Pick-ups 4wd, 2 1/2" catalytic converter	D3364Y-2
73-91	265-400	Chevy/GMC 1 Ton Pick-ups 4wd, 3" catalytic converter	D3364Y-3
73-91	265-400	Chevy/GMC 1 Ton Pick-ups 4wd, 3" catalytic converter & heat riser	D3364Y-4
88-95	265-400	Chevy/GMC 1 Ton Pick-ups 4wd	D3386
96-98	5.7L	Chevy/GMC 1 Ton Pick-ups 4wd	D3301
86-91	396-502	Chevy/GMC 1 Ton Pick-ups 4wd	D3389
88-95	396-502	Chevy/GMC 1 Ton Pick-ups 4wd	D3397
2001	7.4-8.1L	Chevy/GMC 1 Ton Pick-ups 4wd	D3398
00-01	6.0L	Chevy/GMC 1 Ton Pick-ups 4wd	D3353
88-95	4.3L	Chevy/GMC Pick-ups	D3346
96-01	4.3L	Chevy/GMC Pick-ups	D3347
82-92	265-400	Chevy Camaro, Pontiac Firebird, Trans Am	D3320
86-90	265-400	Chevy Camaro, Pontiac Firebird, Trans Am	D3322
1993	350 LT-1	Chevy Camaro, Pontiac Firebird, Trans Am	D3323
94-95	350 LT-1	Chevy Camaro, Pontiac Firebird, Trans Am	D3325
96-97	350 LT-1	Chevy Camaro, Pontiac Firebird, Trans Am	D3326
75-87	265-400	Chevy Class "C" Motorhome, with catalytic converter	D3315
75-91	396-502	Chevy Class "A" Motorhome	D3303Y
92-95	92-95	Chevy Class "A" Motorhome	D3360
01-03	8.1L	Chevy Class "A" Motorhome Workhorse P Chassis	D3317
01-03	8.1L	Chevy Class "A" Motorhome Workhorse W Chassis	D3316
80-87	302-351W	Ford F150/ F250/F350 2&4wd Pick -up	D6648Y
80-82	351-400M	Ford F150/ F250/F350 2&4wd Pick -up	D6615
88-92	460 FI	Ford F250/F350 2&4wd Pick-up	D6614Y-1
88-92	460FI	Ford F250/F350 Super Duty 2&4wd Pick-up	D6617
93-95	460FI	Ford F250/F350 2&4wd Pick-up	D6614Y-5
96-97	460FI	Ford F250/F350 2&4wd Pick-up	D6614Y-6
99-02	6.8L V-10	Ford Excursion Super Duty 2&4wd No EGR	D6620
99-02	6.8L V-10	Ford Excursion Super Duty 2&4wd with EGR	D6621
97-01	5.4L	Ford Expedition 2&4wd No EGR	D6654
88-92	460FI	Ford Class "A" Motorhome	D6630

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**Exhibit A
Long Tube**

93-98	460FI	Ford Class "A" Motorhome	D6631
88-92	460FI	Ford Class "C" Motorhome	D6635
93-95	460FI	Ford Class "C" Motorhome	D6636
96-97	460FI	Ford Class "C" Motorhome	D6637
97-03	6.8L V-10	Ford Class "A" Motorhome No EGR	D6610
97-03	6.8L V-10	Ford Class "A" Motorhome with EGR	D6611
97-03	6.8L V-10	Ford Class "C" Motorhome NO EGR (E-350)	D6612
97-03	6.8L V-10	Ford Class "C" Motorhome with EGR (E-350)	D6613

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