

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-200-21
Relating to Exemptions Under Section 27156
of the Vehicle Code

DOUG THORLEY
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 Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the Exhaust Headers manufactured by Doug Thorley of 1561 Commerce Street, Corona, California 91720, 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 those applicable vehicles as listed in Exhibit A of this Executive Order.

The Doug Thorley's Exhaust Headers are of a long tube style design. Installation may require the use of a connecting Y pipe. Both the exhaust header and Y pipe are manufactured out of 14 gage mild steel. On vehicles that are equipped with an oxygen sensor, the sensor is located either on the header's collector or at the top of the Y pipe similar to the vehicles stock configuration.

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

This Executive Order shall not apply to any Doug Thorley Header 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 device, as exempt by the Air Resources Board, which adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of this device using any identification other than that shown in this Executive Order or marketing of this device 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 device may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emissions test data conducted at California Analytical Instruments on a 1999 General Motors 5.3L truck and a 1999 Dodge 5.9L Durango, both certified to the low emission vehicle (LEV) emission standards. Test results showed that tailpipe emissions with the Doug Thorley Headers installed on the trucks meet the applicable emission standards during a Cold Start CVS-75 Federal Test Procedure.

1999 General Motors 5.3L truck

	NMOG	CO	NOX	HCHO
Standards	0.160	4.4	0.4	0.018
Device w/dfs	0.118	2.3	0.3	0.001

1999 Dodge 5.9L Durango

	NMOG	CO	NOX	HCHO
Standards	0.160	4.4	0.4	0.018
Device w/dfs	0.159	2.8	0.2	0.002

This Executive Order is also based on the On Board Diagnostic II (OBD II) testing conducted on the same test vehicles. Test data showed that the headers when installed on the vehicles did not affect the vehicles' ability to perform their 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 CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF DOUG THORLEY'S 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 ten days 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 will 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.

Executive Order D-200-20, dated July 1999, is superseded and of no further force and effect.

Executed at El Monte, California, this 15th day of March 2001.

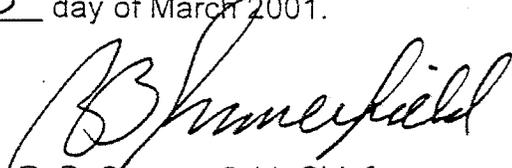

R. B. Summerfield, Chief
Mobile Source Operations Division

EXHIBIT A

CHRYSLER CORPORATION VEHICLES

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part #</u>
1982 - 87	Vans / Motorhomes	273 - 360	106Y
1982 - 87	Vans / Motorhomes	273 - 360	107Y
1982 - 93	Trucks	273 - 360	114Y
1982 - 93	Trucks	273 - 360	115Y
1982 - 95	Class "A" Motorhomes	273 - 360	147Y
1979 - 89	D50 / Arrow Pickups	2.0L 4 cyl	131Y
1979 - 82	D50 / Arrow Pickups	2.0 & 2.6L 4 cyl	133Y
1996 - 99	Dodge Ram P/U 2WD	488 V-10 FED	160Y
1994 - 99	Dodge Ram P/U 4WD	488 V-10 CAL	161Y
1996 - 95	Dodge Ram P/U 2WD	273 - 360	162Y
1996 - 99	Dodge Ram P/U	273 - 360	163Y
1994 - 95	Dodge Ram P/U 4WD	273 - 360	164Y
1996 - 99	Dodge Ram P/U	273 - 360	165Y
1995	Dodge Class "A" Motorhomes	488 V-10	170Y
1989 - 91	Dakota P/U	273 - 360	189Y
1992 - 94	Dakota P/U	273 - 360	190Y
1992 - 94	Dakota P/U	273 - 360	191Y
1994	Dakota P/U	273 - 360	192Y
1995	Dakota P/U	273 - 360	193Y
1995	Dakota P/U	273 - 360	194Y
1998 - 99	Durango 2WD	318 - 360	196Y
1998 - 99	Durango 4WD	318 - 360	197Y
1996 - 99	Pick-up 2WD	318 - 360	196Y

CHRYSLER CORPORATION VEHICLES (CON'T)

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part #</u>
1996 - 99	Pick-up 4WD	318 - 360	197Y
1981 - 86	Jeep CJ	4.0L / 4.2L 6 cyl	
1981 - 86	Jeep CJ	304 - 401	605Y
1981 - 86	Jeep CJ	304 - 401	606Y
1981 - 93	Jeep J Series	304 - 401	615Y
1981 - 93	Jeep J Series	304 - 401	616Y
1981 - 93	Jeep J Series	304 - 401	617Y
1993 - 95	Jeep Grand Cherokee (ZJ)	273 - 360	630Y
1987 - 92	Jeep Grand Cherokee (ZJ)	4.2L 6 cyl	632Y
1987 - 90	Jeep Cherokee (XJ)	4.0L 6 cyl	633Y
1991 - 99	Jeep Wrangler (YJ)	4.0L 6 cyl	634Y
1987 - 95	Jeep Wrangler (YJ)	4.0L 6 cyl	636Y
1996-99	Jeep Grand Cherokee (ZJ)	318-360	631Y

FORD MOTOR CO. VEHICLES

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part #</u>
1987 - 94	Motorhomes	379 - 460	209Y
1982 - 87	Trucks / Vans / Class "C" Motorhomes	379 - 460	211Y
1987 - 91	Vans / Motorhomes	379 - 460	212Y
1985 - 89	Gillig Motorhomes	379 - 460	213
1986 - 98	Trucks / Vans / Motorhomes	379 - 460	214Y
1981 - 82	Trucks	351M - 400M	215
1981 - 82	Trucks / Vans	351M - 400M	225
1986 - 98	Trucks F250 / F350	351W	244Y
1979 - 83	Courier Pickups	1.8L 4 cyl	245Y

EXHIBIT A

GENERAL MOTORS VEHICLES

<u>Year(s)</u>	<u>Application</u>	<u>Engine(s)</u>	<u>Part #</u>
1981 - 88	Trucks	262 - 400	300Y
1996 - 98	Trucks	262 - 400	301Y
1996 - 98	Trucks	262 - 400	302Y
1987 - 91	Trucks / Motorhomes	366 - 454	303Y
1987 - 91	Trucks 4WD	366 - 454	304Y
1987 - 95	Motorhomes w/Allison	366 - 454	305Y
1987 - 95	Motorhomes	366 - 454	306Y
1996 - 98	Trucks	262 - 400	307Y
1996 - 98	Trucks w/ 6"+ lift	262 - 400	309Y
1996 - 98	Trucks w/ 6"+ lift	366 - 454	310Y
1981 - 87	Vans / Motorhomes	262 - 400	315Y
1981 - 93	Vans / Motorhomes	262 - 400	316Y
1928 - 95	Cars / Trucks	262 - 400	317Y
1980 - 85	Chevy LUV Pickups	1.8L 4cyl	335Y
1982 - 87	Trucks 2WD	2.8L V-6	345
1985 - 95	Astro / Safari Vans	4.3L V-6	346
1988 - 95	Trucks 2WD / Vans	4.3L V-6	347
1988 - 95	Trucks 4WD	4.3L V-6	348
1987 - 90	Revcon Motorhomes	366 - 454	354Y
1987 - 95	S-10 / S-15 2WD	4.3L V-6	361
1987 - 95	T-10 / T-15 4WD	4.3L V-6	362
1981 - 91	Trucks 4WD	262 - 400	364Y
1983 - 89	Trucks 4WD	2.8L V-6	365
1981 - 91	Trucks 2WD	262 - 400	367Y

Exhibit A Cont.

<u>Year(s)</u>	<u>Application</u>	<u>Engine(s)</u>	<u>Part #</u>
1980 - 87	Camaro, Chevelle, El Camino, Monte Carlo, Firebird, Grand Prix, Regal	262 - 400	375Y
1980 - 82	Corvette	262 - 400	375Y
1980 - 81	Camaro	262 - 400	376Y
1982 - 93	Camaro	262 - 400	377Y
1980 - 88	Chevelle, Monte Carlo, El Camino, Malibu, Buick, Pontiac, Olds	262 - 400	378Y
1988 - 98	Trucks	262 - 400	383Y
1988 - 95	Trucks	262 - 400	384Y
1992 - 95	Suburban / Blazer	262 - 400	384Y
1988 - 95	Trucks	262 - 400	385Y
1988 - 95	Trucks	262 - 400	386Y
1988 - 95	Trucks	366 - 454	388Y
1992 - 95	Suburban / Blazer	366 - 454	388Y
1993 - 95	Trucks	366 - 454	389Y
1988 - 94	454 SS Trucks	366 - 454	392Y
1996 - 98	Trucks	366 - 454	396Y
1996 - 98	Trucks	366 - 454	397Y
1987 - 91	Trucks 4WD	366 - 454	398Y
1987 - 91	Trucks 2WD	366 - 454	399Y
1988 - 95	Trucks	283 - 400	383Y, 385Y, 386Y
1996 - 2000	Trucks	366 - 454	396Y, 397Y
1996 - 99	Trucks	262 - 400	302Y

GEO VEHICLES

<u>Years</u>	<u>Application</u>	<u>Engine</u>	<u>Part #</u>
1983 - 95	GEO Tracker	1.3L / 1.5L 4 cyl	700Y

ISUZU VEHICLES

<u>Years</u>	<u>Application</u>	<u>Engine</u>	<u>Part #</u>
1984 - 87	Trooper	2.3L 4 cyl	800Y

MITSUBISHI VEHICLES

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part #</u>
1982 - 89	Mitsubishi Pickups	2.0L 4 cyl	131Y
1979 - 89	Mitsubishi Pickups / Montero	2.6L 4 cyl	133Y

NISSAN VEHICLES

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part #</u>
1978 - 80	Pickups	2.0L 4 cyl	405Y
1981 - 88	Pickups	NAP-Z 4 cyl	450Y
1986 - 88	Pickups	NAP-Z 4 cyl	456Y
1986 - 95	Pickups / Pathfinders	3.0L 6 cyl	462
1986 - 95	Pickups / Pathfinders	3.0L 6 cyl	464
1989 - 95	Pickups / Pathfinders	2.4L 4 cyl	490Y

SUZUKI VEHICLES

<u>Years</u>	<u>Applications</u>	<u>Engine</u>	<u>Part #</u>
1983 - 95	Samurai, Sidekick	1.3L / 1.5L 4 cyl	700Y

TOYOTA VEHICLES

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part #</u>
1982 - 85	Celica	20R / 22R	502Y
1982 - 85	Supra	2.8L 6 cyl	530Y
1981 - 87	Pickups, 4 Runner	20R / 22R	542Y
1984 - 88	Pickups, 4 Runner	20R / 22R	550Y
1988 - 95	Pickups	20R / 22R	555Y
1976 - 81	Celica	20R / 22R	502Y