

State of California  
AIR RESOURCES BOARD  
EXECUTIVE ORDER D-540-5

Relating to Exemptions Under Section 27156  
of the Vehicle Code

Summit Industries, Inc.  
Thorley 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-02-003;

IT IS ORDERED AND RESOLVED: That the installation of Thorley Headers manufactured by Summit Industries, Inc. of 1220 Railroad Street, Corona, California 92882, 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, excluding any vehicle certified to the Ultra Low Emission Vehicle (ULEV) standards or equipped with a close coupled catalyst.

The Summit Industries, Inc.'s Thorley 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 Summit Industries, Inc.'s 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 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 SUMMIT INDUSTRIES, INC.'S THORLEY 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.

Executed at El Monte, California, this 15<sup>th</sup> day of August 2008.

  
Annette Hebert, Chief  
Mobile Source Operations Division

## Exhibit A

### Chrysler Corporation Vehicles

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part#</u>
1975-87	Vans/ "C" Motorhomes	273-360	106Y
1975-87	Vans/Motorhomes	273-360	107Y
1975-91	Vans/Motorhomes	361-440	109Y
1975-93	Trucks	273-360	114Y
1975-93	Trucks	273-360	115Y
1982-95	"A" Motorhomes	273-360	147Y
1979-89	D50/ Arrow Pick-ups	2.0L 4 cyl.	131
1979-82	D50/ Arrow Pick-ups	2.0 & 2.6L 4cyl.	133Y
1975-91	Trucks	361-440	134Y
1975-79	Dart; All Pass Cars	273-360	153
1994-99	Dodge Ram Pick-up 2wd	488 V-10	160Y
1996-99	Dodge Ram Pick-up 2wd	488 V-10 Cal	161Y
1994-95	Dodge Ram Pick-up 2wd	318-360	162Y
1996-99	Dodge Ram Pick-up 2wd	318-360	163Y
1994-95	Dodge Ram Pick-up 4wd	318-360	164Y
1996-99	Dodge Ram Pick-up 4wd	318-360	165Y
1995	Dodge "A" Motorhome	488 V-10	170Y
1989-91	Dakota Pick-up	273-360	189Y
1992-94	Dakota Pick-up	273-360	190Y
1992-94	Dakota Pick-up	273-360	191Y
1994	Dakota Pick-up	273-360	192Y
1995	Dakota Pick-up	273-360	193Y
1995	Dakota Pick-up	273-360	194Y

**Exhibit A cont.****Chrysler Corporation Vehicles (Cont.)**

<b><u>Years</u></b>	<b><u>Applications</u></b>	<b><u>Engines</u></b>	<b><u>Part#</u></b>
1998-99	Durango 2wd	318-360	196Y
1998-99	Durango 4wd	318-360	197Y
1996-99	Pick-up 2wd	318-360	196Y
1996-99	Pick-up 2wd	318-360	197Y
1981-86	Jeep CJ	4.0L &4.2L 6 cyl.	604Y
1975-86	Jeep CJ Series	304-401	605Y
1981-86	Jeep CJ	304-401	606Y
1975-82	Jeep CJ Series	232-258	610
1981-93	Jeep J Series	304-401	615Y
1975-79	Jeep Cherokee/Wagoneer	304-401	615Y
1981-93	Jeep J Series	304-401	616Y
1981-93	Jeep J Series	304-401	617Y
1980-82	Jeep Cherokee/Wagoneer	304-401	625Y
1993-95	Jeep Grand Cherokee	273-360	630Y
1987-92	Jeep Grand Cherokee	4.2L 6 cyl.	632Y
1987-90	Jeep Cherokee	4.0L 6 cyl.	633Y
1991-99	Jeep: YJ,TJ,XJ,ZJ	4.0L 6 cyl.	634Y
1987-95	Jeep Wrangler	4.0L 6 cyl.	636Y
1996-99	Jeep Grand Cherokee	318-360	631Y

## Exhibit A cont.

### Ford Motor Company Vehicles

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part#</u>
1987-94	Motorhomes	379-460	209Y
1975-79	Trucks	379-460	210
1975-87	Trucks/Vans/ "C" Motorhomes	379-460	211Y or 216Y
1987 -97	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
1977-79	Trucks	351M-400	230
1979-83	Courier Pick-ups	1.8L 4cyl.	245Y
1980-85	Trucks/Vans/Bronco	302-351W	248Y
1986-95	Trucks/Vans/Bronco	302W	249
1982-85	Ranger/Bronco II 2wd	2.3L 4cyl.	250Y
1986-98	Trucks F250/F350	351W	251
1983-85	Ranger/Bronco II 4wd	2.8L 6cyl.	255
1990-95	Explorer/Bronco II/Ranger	4.0L 6cyl.	257
1975-77	Bronco	255-302W	263
1975-76	Trucks	352-428	264
1975-78	Cougar; Pass Cars	351/400	265
1980-95	Mustang/Capri	255-302	285
1994-95	Mustang/Capri	255-302	286
1975-78	Mustang/Capri	255-302	287
1979-85	Mustang/Capri	255-302	288
1996-98	Mustang/Capri	255-302	290

**Exhibit A cont.**

**General Motors Vehicles**

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part#</u>
1975-88	Trucks	262-400	300Y
1996-99	Trucks	350 Vortec	301Y
1996-99	Trucks	350 Vortec	302Y
1991-95	Motorhomes	366-454	303Y
1987-91	Trucks	366-454	303Y
1987-91	Trucks	366-454	304Y
1987-95	Motorhomes w/Allison trans.	366-454	305Y
1987-99	Motorhomes	366-454	306Y
1996-99	Trucks	350 Vortec	307Y
1975-79	Camaro/ Pass Cars	262-400	308
1999-2000	Trucks/Tahoe/Yukon/Suburban	4.8L & 5.3L	310Y
1975-95	Vans/ "C" Motorhomes	262-400	315Y
1981-95	Vans/ "C" Motorhomes	262-400	316Y
1928-95	Cars/Trucks	262-400	317Y
1996-98	Trucks/Motorhomes	262-400	318Y
1975-77	Cutlass	350-403	332
1975-79	Firebird	350-455	332
1976-85	Trucks	1.8L	335
1975-79	Firebird (Pont. Engine)	350-455	341
1975-81	Corvette	262-400	350
1982-87	Trucks	2.8L 6 cyl.	345
1985-95	Astro/Safari Vans	4.3L 6 cyl.	346
1988-95	Trucks/Vans	4.3L 6 cyl	347
1988-95	Trucks	4.3L 6 cyl.	348
1987-90	Revcon Motorhomes	366-454	354Y

**Exhibit A cont.**

**General Motors Vehicles (Cont.)**

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part#</u>
1987-98	S10/S15	4.3L 6 cyl.	361
1987-98	T-10/T-15 Vehicles	4.3L 6 cyl.	362
1975-91	Trucks	262-400	364Y
1983-89	Trucks	2.8L 6 cyl.	365
1975-91	Trucks	262-400	367Y
1975-81	Camaro/Pass Cars	262-400	373Y
1982-92	Camaro/Pass Cars	262-400	374Y
1980-87	Camaro/Pass Cars	262-400	375Y
1980-95	Passenger Cars	262-400	378Y
1993-95	Camaro/Pass Cars	262-400	379Y
1982-1990	Camaro/Pass Cars	262-400	380Y
1988-92	Camaro/Pass Cars	262-400	381Y
1988-95	Trucks/Suburban/Blazer/Yukon	262-400	383Y
1988-95	Trucks/Suburban/Blazer/Yukon	262-400	384Y
1988-95	Trucks/Suburban/Blazer/Yukon	262-400	385Y
1988-95	Trucks/Suburban/Blazer/Yukon	262-400	386Y
1988-95	Trucks/Suburban/Blazer	366-454	388Y
1988-94	454 "SS" Trucks	366-454	392Y
1996-98	Motorhomes	366-454	395Y
1996-98	Trucks	366-454	396Y

**Exhibit A cont.**

**General Motors Vehicles (Cont.)**

1996-98	Trucks	366-454	397Y
1987-91	Trucks	366-454	398Y
1987-91	Trucks	366-454	399Y

**Geo Vehicles**

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part#</u>
1983-95	GEO Tracker	1.3 to 1.6L 4 cyl.	700Y

**Isuzu Vehicles**

<u>Years</u>	<u>Applications</u>	<u>Engines</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	Pick-ups	2.0L 4 cyl.	131Y
1979-89	Pick-ups/Montero	2.6L 4 cyl.	133Y



**Exhibit A cont.**

**Nissan Vehicles**

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

**Suzuki Vehicles**

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part#</u>
1983-95	Samurai/Sidekick	1.3 to 1.6L 4 cyl.	700Y

**Toyota Vehicles**

<u>Years</u>	<u>Applications</u>	<u>Engines</u>	<u>Part#</u>
1976-85	Celica	20R/22R	502Y
1982-85	Supra	20R/22R	530Y
1981-87	Pick-ups/4-Runner	20R/22R	542Y
1984-88	Pick-ups/4-Runner	20R/22R	550Y
1988-95	Pick-ups/4-Runner	20R/22R	555Y