

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-676-2

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Taylor Cable Products, Inc.
Helix Power Tower

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 Helix Power Tower, manufactured and marketed by Taylor Cable Products, Inc., 301 High Grove Road, Grandview, Missouri 64030, 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 following vehicles listed in Exhibit A.

The Helix Power Tower is an aluminum spacer plate, approximately one inch thick with machined helical grooves on the inside ports, and is installed under the vehicle's throttle body or carburetor.

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

Changes made to the design or operating conditions of the Helix Power Tower, 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 Helix Power Tower 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 Helix Power Tower using any identification other than that shown in this Executive Order or marketing of the Helix Power Tower 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 Helix Power Tower may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on a prior evaluation which determined that the Helix Power Tower would not cause an adverse effect on emissions of the selected vehicles (D-676), nor does it affect the vehicles' ability to perform On-Board Diagnostic II (OBD II) system monitoring.

The 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 AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE HELIX POWER TOWER.

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 14th day of November 2013.


Erik White, Chief
Mobile Source Operations Division

Exhibit A

Helix Part Number	Make	Starting Model Year	Ending Model Year	Model Type	Engine Type Displacement
00450	Universal			QuadraJet 4 bbl	Universal
00500	Universal			Holley 500 2 bbl	Universal
00600	Universal			Holley 600 4 bbl	Universal
00750	Universal			Holley 750 4 bbl	Universal
01000	Universal			Holley Dominator	Universal
20005	Ford	2000	2004	Focus	2.0L SOHC
20025	Ford	2000	2004	Focus	2.0L DOHC
20035	Dodge	1996	1999	Neon	2.0L SOHC (4B)
20050	BMW	2011	2013	328i F30	L4-2.9L (t) N20
20051	BMW	1996	1999	M3 (E36)	3.2L
22005	GM	1999	2001	S10-Sonoma P/U / Blazer-Jimmy	2.2L
22015	GM	1998	2001	Cavalier/Grand Am/Sunfire	2.2L
22016	GM	2002	2005	Cavalier/Sunfire	2.2L
22016	GM	2002	2004	Alero	2.2L
22016	GM	2003	2004	Ion	2.2L
22016	GM	2003	2005	Grand Am Ecotec L61	2.2L
22025	GM	1996	2001	Cavalier/Grand Am/Sunfire	2.4L
22025	GM	1999	2001	Alero	2.4L
23005	Ford	1985	1997	Ranger	2.3L
23005	Ford	1998	2000	Ranger	2.5L
23015	Ford	2003	2007	Focus	2.3L
24035	Chrysler	2001	2010	PT Cruiser	2.4L
24040	JEEP	2003	2006	Cherokee/Wrangler TJ	2.4L
24055	Toyota	1996	2004	4Runner	2.7L
24055	Toyota	1995	2004	Tacoma 2RZFE	2.4L
24055	Toyota	1995	2004	Tacoma 3RZFE	2.7L
24055	Toyota	1996	1998	T100	2.7
24060	Toyota	2005	2009	Scion TC 2AZ-FE	2.4L
24060	Toyota	2008	2009	Scion XB 2AZ-FE	2.4L
24060	Toyota	2003	2009	Camary 2AZ-FE	2.4L
25001	BMW	2001	2006	325i (E46)	2.5L
25005	JEEP	1991	2002	Cherokee XJ/Wrangler TJ/YJ	2.5L
28015	GM	1986	1990	S10-S15 P/U / Blazer-Jimmy	2.8L
28105	GM	2004	2006	Colorado / Canyon	2.8L
28105	Isuzu	2006	2006	I-280	2.8L
28105	GM	2007	2009	Colorado / Canyon	2.9L
28105	Isuzu	2007	2007	I-290	2.9L
30005	Ford	1996	1998	Ranger	3.0L
30007	Ford	1999	2001	Ranger	3.0L
30015	Ford	2002	2006	Ranger	3.0L
30025	Ford	2005	2007	Freestyle/500/Montego	3.0L
30500	BMW	2007	2010	335i / Xi (E90/92/93)	3.0L
30500	BMW	2010	2012	335i / Xi (E90/92/93)	3.0L
30500	BMW	2008	2011	135i (E82/88)	3.0i
30500	BMW	2008	2009	535i (E60/61)	3.0i
30505	BMW	2011	2013	335i (E90)	3.0L (T)
34055	Toyota	1995	2004	Tacoma	3.4L
34055	Toyota	1995	1998	T100	3.4L
34055	Toyota	1999	2002	4 Runner	3.4L

Helix Part Number	Make	Starting Model Year	Ending Model Year	Model Type	Engine Type Displacement
34055	Toyota	2000	2004	Tundra 5VZFEP	3.4L
35005	Ford	2011	2013	F150 Ecoboost	3.5L
35055	Isuzu	1999	1999	Vehicross DOHC 6VE1	3.5L
35105	GM	2004	2006	Colorado / Canyon	3.5L
35105	Hummer	2006	2006	H3	3.5L
35105	Isuzu	2006	2006	I-350	3.5L
35105	GM	2007	2009	Colorado / Canyon	3.7L
35105	Hummer	2007	2009	H3	3.7L
35105	Isuzu	2007	2007	I-370	3.7L
36015	GM	2008	2013	Cadillac CTS	3.0L/3.6L
36015	GM	2008	2011	Buick Enclave/ GMC Acadia/ Malibu/ Traverse (to 2012)	3.6L
36015	GM	2008	2009	Equinox/ Pontiac G6 GXP/ G8/ Torrent GXP	3.6L
36015	GM	2008	2010	Saturn Outlook/ Vue XR/ Suzuki LX7	3.6L
36015	GM	2010	2013	Camaro	3.6L
36055	JEEP	2012	2013	Wrangler	3.6L
36055	JEEP	2011	2013	Grand Cherokee	3.6L
36055	Chrysler	2011	2013	300/Charger/Challenger/Durango	3.6L
37015	Ford	2011	2013	F-150 / Mustang	3.7L
37045	Dodge	2002	2004	Ram 1500	3.7L
37055	JEEP	2002	2006	Liberty	3.7L
37056	JEEP	2008	2010	Liberty / Nitro	3.7L
37057	Dodge	2007	2007	Nitro	3.7L
37057	JEEP	2007	2007	Liberty	3.7L
37057	Dodge	2007	2009	Grand Cherokee / Commander	3.7L
37057	Dodge	2007	2012	Ram / Dakota	3.7L
37057	Mitsubishi	2007	2009	Raider	3.7L
38005	Ford	1994	1998	Mustang	3.8L
38010	Dodge	1987	2000	Caravan / Voyager	3.0L
38010	Dodge	1987	2000	Caravan / Voyager	3.8L
38015	Ford	1999	2004	Mustang	3.8L
38015	Ford	2004	2004	Mustang	3.9L
38020	GM	1999	2002	Camaro/Firebird	3.8L
38025	GM	1999	2005	Impala/Monte Carlo/Grand Prix/Bonneville	3.8L
38025	GM	1999	2005	Park Ave/LaSabre/ Regal	3.8L
38035	GM	1995	1998	Camaro/Firebird	3.8L
38055	JEEP	2007	2011	Wrangler JK	3.8L
40005	JEEP	1991	2006	Cherokee/Wrangler (TJ/YJ)	4.0L
40015	Ford	1990	2001	Ranger/Explorer	4.0L (E) OHV
40015	Mazda	1994	2001	B4000	4.0L (E) OHV
40015	Mercury	1998	2001	Mountaineer	4.0L (E) OHV
40025	Ford	1997	2001	Ranger/Explorer	4.0L SOHC
40035	Ford	2001	2009	Ranger/Explorer (w/ Throttle Cable)	4.0L (E & K) SOHC
40035	Mazda	2002	2009	B4000	4.0L (E & K) SOHC
40035	Ford	2001	2003	Explorer	4.0L
40045	Ford	2003	2007	Ranger, Explorer w/ETC	4.0L SOHC
40045	Ford	2005	2010	Mustang	4.0L SOHC
40057	Toyota	2010	2013	FJ Cruiser	4.0L
40057	Toyota	2010	2013	4 Runner	4.0L
42005	Ford	1997	2000	F150	4.2L
42015	Ford	2001	2003	F150	4.2L
42016	Ford	2004	2008	F150	4.2L
42105	GM	2002	2009	Envoy/TrailBlazer	4.2L

Helix Part Number	Make	Starting Model Year	Ending Model Year	Model Type	Engine Type Displacement
42105	GM	2002	2004	Olds Bravada	4.2L
42105	GM	2003	2008	Isuzu Ascender	4.2L
42105	GM	2004	2007	Buick Ranier	4.2L
42105	GM	2005	2009	Saab 9-7	4.2L
43005	GM	1988	1993	S10/S15 Pickup / Blazer/Jimmy	4.3L
43015	GM	1996	2004	Sonoma /Jimmy	4.3L Vortec
43015	GM	1996	2000	Silverado/Sierra 1500	4.3L Vortec
43015	GM	1996	2005	S10 / Blazer	4.3L Vortec
43015	GM	1996	2001	Olds Bravada	4.3L
43015	GM	1997	2000	Isuzu Hombre	4.3L
43016	GM	2001	2007	Silverado/Sierra 1500	4.3L
43017	GM	2007	2013	Silverado/Sierra 1500	4.3L
44001	BMW	1997	2003	E39	4.4L
44001	BMW	2000	2006	E53	4.4L/4.6L/4.8L
44001	BMW	2004	2008	E60	4.4L/4.8L
44001	BMW	2004	2005	E63/64	4.4L/4.8L
46000	Ford	1997	2003	F150/Heritage	4.6L
46000	Ford	1997	2003	F150	5.4L
46000	Ford	1997	2004	Expedition	4.6L
46000	Ford	2004	2004	Heritage	4.6L
46000	Lincoln	1998	1998	Navigator	5.4L
46006	Ford	2004	2010	F150/Expedition (2 valve)	4.6L
46007	Ford	2005	2011	Crown Victoria/Town Car	4.6L
46009	Lincoln	2003	2004	Aviator	4.6L
46015	Ford	1993	1995	Crown Victoria/Marquis (after 2/92)	4.6L
46025	Ford	1996	2004	Crown Victoria/Town Car	4.6L
46035	Ford	1996	1998	Mustang	4.6L
46045	Ford	1999	2004	Mustang	4.6L
46060	Ford	2009	2010	F150 3-valve	4.6L
46095	Ford	2005	2010	Mustang	4.6L
47005	Dodge	2000	2009	Dakota	4.7L
47005	Dodge	2000	2009	Durango	4.7L
47005	Dodge	2004	2009	Durango	5.7L
47015	Dodge	2002	2002	RAM 1500	4.7L
47025	Dodge	2003	2009	RAM 1500 (w / throttle cables)	4.7L
47026	Dodge	2008	2012	RAM 1500 w/ETC	4.7L
47035	JEEP	1999	2004	Cherokee/Grand Cherokee	4.7L
47055	Toyota	2000	2005	Tundra ('05 built before 11/1/04)	4.7L
47055	Toyota	2001	2005	Sequoia ('05 built before 11/1/04)	4.7L
47055	Toyota	2003	2005	4 Runner ('05 built before 11/1/04)	4.7L
48001	BMW	1997	2003	550i (E39)	4.8L
48001	BMW	2004	2006	X5 (E53)	4.8L
48001	BMW	2004	2005	545i	4.8L
48001	BMW	2004	2005	645i	4.8L
48001	BMW	2006	2009	750i (E65/66)	4.8L
48001	BMW	2004	2009	550i/650i (E63/64)	4.8L
49005	Ford	1987	1996	F-150, 250, 350 / Bronco	4.9L
50005	Ford	1985	1986	Mustang	5.0L
50015	Ford	1986	1993	Mustang	5.0L HO
50025	Ford	1994	1995	Mustang	5.0L HO
50065	Ford	2011	2013	F150 / Mustang	5.0L
53015	GM	1999	2002	Silverado/Sierra 1500/2500/3500 Vortec	4.8L/5.3L/6.0L

Helix Part Number	Make	Starting Model Year	Ending Model Year	Model Type	Engine Type Displacement
53015	GM	2000	2002	Avalanche/Escalade/Suburban/Tahoe/Yukon	4.8L/5.3L/6.0L
53020	GM	2007	2013	Silverado/Sierra, 1500/2500/3500 HD	4.8L/5.3L/6.0L/6.2L
53020	GM	2007	2013	Avalanche/Escalade/ Yukon/ Tahoe/ Suburban	4.8L/5.3L/6.0L/6.2L
53025	GM	2014	2014	Silverado/Sierra 1500	5.3L
54005	Ford	1997	2003	F150	5.4L
54005	Ford	1997	2004	Expedition	5.4L
54005	Ford	1999	2004	F-250/350 S. Duty	5.4L
54005	Ford	2000	2004	Excursion	5.4L
54015	Ford	2004	2010	F-150/250/350	5.4L
54015	Ford	2005	2010	Expedition	5.4L
54015	Ford	2006	2008	Lincoln Mark LT	5.4L
57005	GM	1987	1995	C/K Pickups/ 94-95 S10/ Tahoe/Suburban	4.3L/5.0L/5.7L
57015	GM	1996	2000	C/K 1500-3500/ Tahoe/Escalade	5.0L/5.7L
57020	GM	1985	1992	Camaro/Firebird/Corvette	5.0L/5.7L
57025	GM	1998	2002	Camaro/Firebird	5.7L
57025	GM	2004	2004	GTO	5.7L
57044	Dodge	2003	2008	RAM 1500-3500 w/aftermarket Air Intake	5.7L Hemi
57044	Dodge	2004	2008	Durango w/aftermarket Air Intake	5.7L
57045	Dodge	2003	2008	RAM 1500-3500 w/ Factory Air Intake	5.7L Hemi
57045	Dodge	2004	2008	Durango w/ Factory Air Intake	5.7L Hemi
57046	Dodge	2005	2010	300C, LLC	5.7L Hemi
57046	Dodge	2005	2008	Magnum	5.7L Hemi
57046	Dodge	2006	2010	Charger R/T	5.7L Hemi
57046	Dodge	2008	2010	Challenger	5.7L Hemi
57048	Dodge	2012	2013	Ram	5.7L Hemi
57049	Dodge	2009	2012	RAM 1500	5.7L Hemi
57049	Dodge	2009	2012	RAM 2500-3500/Durango/Aspen	5.7L Hemi
57050	Chrysler	2011	2013	300 SRT8	V8-6.4L
57050	Chrysler	2011	2013	300C	V8-5.7L
57050	Dodge	2011	2013	Challenger SRT8 / Charger SRT8	V8-6.4L
57050	Dodge	2011	2013	Challenger RT / Charger RT	V8-5.7L
59005	Dodge	1992	2003	Dakota/Durango	3.9L/5.2L/5.9L
59005	JEEP	1992	1998	Grand Cherokee	5.2L/5.9L
59015	Dodge	1994	2003	RAM 1500 / 2500-3500 (Non Diesel)	5.9L
59015	Dodge	1994	2001	RAM 1500 / 2500-3500	3.9L/5.2L
60005	GM	2003	2006	Escalade/ Yukon/ Tahoe/ Suburban/Avalanche/Denali	4.8L/5.3L/6.0L
60005	GM	2003	2006	Hummer H2	6.0L
60005	GM	2003	2004	Trailblazer/SSR	4.8L/5.3L/6.0L
60005	GM	2003	2006	Chevy/GMC 1500/2500/3500	4.8L/5.3L/6.0L
60005	GM	2007	2007	Chevy/GMC 1500/2500/3500 Classic	5.7L
60025	GM	2005	2007	SSR / GTO	6.0L LS2
61025	Dodge	2005	2010	300C, LLC SRT8	6.1L Hemi
61025	Dodge	2005	2008	Magnum SRT8	6.1L Hemi
61025	Dodge	2006	2010	Charger SRT8	6.1L Hemi
61025	Dodge	2008	2010	Challenger SRT8	6.1L Hemi
61025	JEEP	2006	2010	Grand Cherokee SRT8	6.1L Hemi
62005	GM	2010	2013	Chevy Camaro SS	6.2L
62010	Ford	2010	2013	F150 / Raptor	6.2L
62010	Ford	2011	2013	F250/F350	6.2L
66005	GM	2001	2004	Silverado/Sierra 2500, 3500	6.6L (LB7) diesel
66015	GM	2004	2005	Silverado/Sierra 2500,3500	6.6L (LLY) diesel
68005	Ford	1985	1996	F150/Bronco	5.0L/5.8L

Helix Part Number	Make	Starting Model Year	Ending Model Year	Model Type	Engine Type Displacement
68005	Ford	1988	1997	F-250/350	5.0L/5.8L/7.5L
68015	Ford	1999	2004	F250/350/450/550	6.8L V10
68015	Ford	2000	2005	Excursion	6.8L V10
68020	Ford	2005	2010	F-250/350	6.8L V10
68020	Ford	2005	2010	F-450/550	6.8L V10
73015	Ford	1999	2003	F-250/350/450/550	7.3L diesel
73015	Ford	2000	2003	Excursion	7.3L diesel
74905	GM	1987	1990	Chevy/GMC 1500/2500/3500/Suburban	7.4L
74906	GM	1991	1992	Chevy 1500 TBI	7.4L
74906	GM	1991	1995	Chevy/GMC C/K 2500/3500	7.4L
74915	GM	1996	2000	C/K 2500/3500	7.4L Vortec
74915	GM	2001	2007	Chevy/GMC 2500/3500, Yukon	8.1L Vortec
80005	Dodge	1994	2002	RAM 2500/3500	8.0L V10
83005	Dodge	2004	2006	RAM 1500 SRT	8.3L V10
91010	Acura	1997	2001	Integra	1.8L
91010	Acura	1997	2001	Integra (B18C5)	1.8L
91201	Honda	1993	2000	Civic SOHC/VTEC & non-Vtec	1.5L/1.6L
91201	Honda	1993	1997	Accord non-VTEC	2.2L
91201	Honda	1993	1996	Prelude non-VTEC	2.3L
91201	Honda	1994	1997	Civic Del Sol SOHC/VTEC	1.6L
91202	Honda	1994	2001	Prelude SOHC/DOHC/VTEC	2.2L/2.3L
91202	Honda	1998	2001	Accord SOHC/DOHC/VTEC	2.3L
91203	Honda	2001	2005	Civic DX, HX, LX (D17A1, D17A2, D17A6, S17A7)	1.7L
91204	Honda	2006	2011	Civic SI (K20Z3)	2.0L
91205	Honda	2002	2005	Civic SI (K20A3)	2.0L
91210	Honda	2000	2003	S-2000 (F20C1)	2.0L
91225	Honda	1991	1993	Accord SE, LX (F22A6)	2.2L
91226	Honda	1998	2001	Accord (J30A1)	3.0L
91240	Acura	2013	2013	ILX	2.4L
91240	Acura	2009	2013	TSX	2.4L
91240	Honda	2008	2013	Accord	2.4L
91240	Honda	2012	2013	Civic SI	2.4L
91245	Honda	2003	2005	Accord EX (K24A4)	2.4L
91306	Honda	2003	2005	Accord EX (J30A4)	3.0L
91350	Honda	2006	2009	Ridgeline	3.5L
91350	Honda	2005	2008	Acura TL (J32A3)	3.2L
91350	Honda	2007	2008	Acura TL (J35A9)	3.5L
91350	Acura	2003	2006	MDX	3.5L
93001	Mitsubishi	1993	1994	Eagle Talon	1.8L
93001	Mitsubishi	1994	1999	Eclipse (4G37)	1.8L/2.0L
93001	Mitsubishi	1995	1999	Eagle Talon non-turbo	2.0L
93002	Mitsubishi	1996	2005	Eclipse non-turbo	2.4L
93005	Mitsubishi	1993	1999	3000GT	3.0L
93005	Mitsubishi	1999	2003	Galant	3.0L
93005	Mitsubishi	2000	2005	Eclipse	3.0L
94240	Nissan	1989	1992	240SX/Stanza	2.4L
94245	Nissan	1998	2004	Frontier	2.4L
94255	Nissan	2002	2006	Sentra/ SE-R / Altima	2.5L
94335	Nissan	1999	2004	Frontier/Pathfinder/Xterra	3.3L
94355	Nissan	2003	2005	Altima	3.5L
94355	Nissan	2003	2005	350Z / Murano	3.5L
94400	Nissan	2005	2013	Frontier/Pathfinder/Xterra	4.0L

Helix Part Number	Make	Starting Model Year	Ending Model Year	Model Type	Engine Type Displacement
94400	Suzuki	2008	2012	Equator	4.0L
94560	Nissan	2004	2013	Armada	5.6L
94560	Nissan	2004	2004	Pathfinder	5.6L
94560	Nissan	2005	2013	Infiniti QX56	5.6L
94560	Nissan	2004	2013	Titan	5.6L
95120	Mazda	2004	2009	Mazda 3	2.0L
95135	Mazda	2004	2011	RX8	1.3L
96185	KIA	2002	2004	Spectra	1.8L
97185	Toyota	2000	2004	Celica/Corolla DOHC (1ZZFE)	1.8L
97185	Toyota	2003	2004	Matrix DOHC (1ZZFE)	1.8L
97188	Toyota	2005	2008	Corolla/Matrix/Vibe DOHC (1ZZFE)	1.8L
97220	Toyota	1990	1995	Camry	2.2L
97220	Toyota	1997	1999	Celica DOHC (5SFE)	2.2L
97225	Toyota	1996	2001	Camry (5SFE)	2.2L
97355	Toyota	2004	2010	Highlander (3MZFE)	3.3L
97355	Toyota	2006	2010	Avalon (2GRFE)	3.3L
97355	Toyota	2007	2010	Camry	3.5L
97405	Toyota	2005	2009	4 Runner (1GRFE)	4.0L
97405	Toyota	2005	2013	Tacoma (1GRFE)	4.0L
97405	Toyota	2005	2012	Tundra (1GRFE)	4.0L
97405	Toyota	2007	2009	FJ Cruiser	4.0L
97475	Toyota	2005	2010	Tundra/Sequoia/4 Runner	4.7L
97475	Toyota	2007	2010	Tundra/Sequoia	4.7L
97475	Lexus	2003	2009	GX470	4.7L
97575	Toyota	2011	2013	Tundra	4.6L
97575	Toyota	2010	2013	Sequoia	4.6L
97575	Toyota	2008	2013	Sequoia	5.7L
97575	Toyota	2007	2014	Tundra	5.7L
0500B	Universal			Holley 500 2 bbl/4bbl intake	Universal