

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-676-4

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 (ARB) by Section 27156 of the Vehicle Code (VC); 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-14-012;

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 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 adjacent to the vehicle's throttle body or carburetor. No changes are made to any other components of the stock engine, including engine calibration.

This Executive Order is valid provided that installation instructions for the Helix Power Tower 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 Helix Power Tower, as exempt by the ARB, 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 ARB.

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 an engineering evaluation which determined that the Helix Power Tower will have no adverse emissions impact for the vehicles listed in Exhibit A. Accordingly, the ARB reserves the right to conduct additional emissions tests, in the future, for any vehicles subject to more stringent emissions categories, or if the ARB finds that reasonable grounds exist to believe that use of the Helix Power Tower may adversely affect evaporative emissions. Furthermore, On-Board Diagnostic II (OBD II) testing, using a 2014 Ford F-150 5.0L, 2015 BMW 328i 2.0L turbocharged, 2015 Chevrolet Camaro 3.6L, and 2014 Honda Accord 2.4L showed that the Helix Power Tower when installed on the vehicles has no adverse effects on the vehicle's ability to perform OBD II monitoring.

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. Further, if test results or other evidence provides the ARB with reason to suspect that the Helix Power Tower will affect the durability of emission control systems, Taylor Cable Products, Inc. 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.

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 TAYLOR CABLE PRODUCTS, INC. 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 18th day of August 2016.



Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division

Exhibit A

<u>Helix Part #</u>	<u>Model Year</u>	<u>Make</u>	<u>Model</u>	<u>Engine</u>
20050	2011-13	BMW	328i (F30)	3.0L
	2012-15	BMW	328i/ix (F30/31/34)	2.0L
	2013-14	BMW	320i/ix (F30/31/34)	2.0L
	2014	BMW	220i (F22), 420i/ix (F32/33)	2.0L
	2014-15	BMW	228i (F22), 428i/ix (F32/33)	2.0L
20051	1992-95	BMW	M3 (E36)	3.0L
22016	2002	Pontiac	Grand Am/Sunfire	2.2L
24015	2007-09	Saturn	Sky	2.4L
	2006-09	Pontiac	Solstice	2.4L
24055	1995-04	Toyota	Tacoma	2.4L/2.7L
	1996-98	Toyota	T100	2.7L
30505	2011-13	BMW	135i (E82/88), 335i/ix (E90/92/93)	3.0L
	2012-14	BMW	M135i/ix (F20/21)	3.0L
	2012-15	BMW	335i/ix (F30/31/34)	3.0L
	2014-15	BMW	435i/ix (F32/33), M235i (F22)	3.0L
	2013-15	BMW	X1 35ix (E84)	3.0L
34055	1995-04	Toyota	Tacoma	3.4L
	1995-98	Toyota	T100	3.4L
	1996-02	Toyota	4Runner	3.4L
	2000-04	Toyota	Tundra	3.4L
35005	2011-14	Ford	F-150	3.5L Turbo
	2015-16	Ford	F-150	3.5L NA
	2011-14	Ford	F-150	3.7L
35006	2012-16	Ford	Explorer	3.5L
35055	1999	Isuzu	Vehicross	3.5L DOHC
35105	2004-12	GM	Colorado/Canyon	3.5L/3.7L
	2006-09	Hummer	H3	3.5L/3.7L
	2006-08	Isuzu	I-350, I-370	3.5L/3.7L
36015	2008-13	GM	Cadillac CTS, Buick Enclave, Chevrolet Malibu, GMC Acadia	3.0L/3.6L
	2008-12	Chevrolet	Traverse	3.6L
	2008-09	GM	Chevrolet Equinox, Pontiac G6 GXP/G8/Torrent GXP	3.6L
	2008-10	GM	Saturn Outlook, Vue XR, Suzuki LX7	3.6L
	2010-15	GM	Camaro	3.6L
36055	2012-16	Jeep	Wrangler	3.6L
	2011-16	Jeep	Grand Cherokee	3.6L
	2011-15	Chrysler	300/Charger/Challenger/Durango	3.6L
37015	2011-14	Ford	F-150, Mustang	3.7L
37045	2002-04	Dodge	Ram 1500	3.7L
37055	2002-06	Jeep	Liberty	3.7L
37056	2008-10	Jeep	Liberty, Nitro	3.7L

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37057	2007	Dodge	Nitro	3.7L
	2007	Jeep	Liberty	3.7L
	2007-09	Jeep	Grand Cherokee, Commander	3.7L
	2007-12	Dodge	Ram, Dakota	3.7L
	2007-09	Mitsubishi	Raider	3.7L
38005	1994-98	Ford	Mustang	3.8L
38010	1987-00	Chrysler	Dodge Caravan, Plymouth Voyager	3.0L/3.8L
38015	1999-04	Ford	Mustang	3.8L/3.9L
38020	1999-02	GM	Camaro, Firebird	3.8L
38021	2012-15	Porsche	911 (991)	3.8L
38025	1999-05	GM	Impala, Monte Carlo, Bonneville, Park Avenue, LaSabre, Regal	3.8L
	1997-05	Pontiac	Grand Prix	3.8L
38030	2004	Pontiac	Grand Prix	3.8L (sc)
38035	1995-98	GM	Camaro, Firebird	3.8L
38055	2007-11	Jeep	Wrangler	3.8L
40005	1991-06	Jeep	Wrangler	4.0L
40015	1990-01	Ford	Ranger, Explorer	4.0L OHV (E)
	1994-01	Mazda	B4000	4.0L OHV (E)
	1998-01	Mercury	Mountaineer	4.0L OHV (E)
40025	1997-01	Ford	Ranger, Explorer	4.0L SOHC
40035	2001-09	Ford	Ranger, Explorer (w/ Throttle Cable)	4.0L SOHC (E&K)
	2002-09	Mazda	B4000	4.0L SOHC (E&K)
40045	2005-10	Ford	Mustang	4.0L SOHC
	2003-07	Ford	Ranger, Explorer	4.0L SOHC w/ETC
40057	2010-15	Toyota	FJ Cruiser, 4Runner	4.0L
42005	1997-00	Ford	F-150	4.2L
42015	2001-03	Ford	F-150	4.2L
42016	2004-08	Ford	F-150	4.2L
42105	2002-09	GM	GMC Envoy, Chevrolet Trailblazer	4.2L
	2002-04	Oldsmobile	Bravada	4.2L
	2003-08	Isuzu	Ascender	4.2L
	2004-07	Buick	Rainier	4.2L
	2005-09	Saab	9-7X	4.2L
43005	1988-93	GM	Chevrolet S-10/Blazer, GMC S-15/Jimmy	4.3L
43015	1996-04	GMC	Sonoma, Jimmy	4.3L Vortec
	1996-00	GM	Chevrolet Silverado 1500, GMC Sierra 1500	4.3L Vortec
	1996-05	Chevrolet	S-10, Blazer	4.3L Vortec
	1996-01	Oldsmobile	Bravada	4.3L
	1997-00	Isuzu	Hombre	4.3L
43016	2001-07	GM	Chevrolet Silverado 1500, GMC Sierra 1500	4.3L
43017	2007-13	GM	Chevrolet Silverado 1500, GMC Sierra 1500	4.3L

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44001	1997-03	BMW	540i, 540iA	4.4L
	2000-06	BMW	X5 (E53)	4.4L/4.6L/4.8L
	2004-08	BMW	545i (E60)	4.4L/4.8L
	2004-05	BMW	645i (E63/64)	4.4L/4.8L
46000	1997-03	Ford	F-150 (Heritage)	5.4L
	2004	Ford	F-150	4.6L
	1997-06	Ford	Expedition	4.6L
	1998	Lincoln	Navigator	5.4L
46006	2004-10	Ford	F-150, Expedition	4.6L 2-valve
46007	2005-11	Ford	Crown Victoria, Lincoln Town Car	4.6L
46009	2003-05	Lincoln	Aviator	4.6L
46015	1992-95	Ford	Crown Victoria, Grand Marquis/Town Car (after 2/92)	4.6L
46025	1996-04	Ford	Crown Victoria, Grand Marquis/Town Car	4.6L
46035	1996-98	Ford	Mustang	4.6L
46045	1999-04	Ford	Mustang	4.6L
46060	2009-10	Ford	F-150	4.6L 3-valve
46095	2005-10	Ford	Mustang	4.6L
47005	2000-09	Dodge	Dakota, Durango	4.7L
	2004-09	Dodge	Durango	5.7L
47015	2002	Dodge	Ram 1500	4.7L
47025	2003-09	Dodge	Ram 1500 (w/ throttle cables)	4.7L
47026	2008-12	Dodge	Ram 1500	4.7L w/ETC
47035	1999-07	Jeep	Cherokee/Grand Cherokee	4.7L
47055	2003-05	Toyota	4Runner ('05 built before 11/1/04)	4.7L
	2001-05	Toyota	Sequoia ('05 built before 11/1/04)	4.7L
	2000-05	Toyota	Tundra ('05 built before 11/1/04)	4.7L
48001	1997-03	BMW	540i (E39)	4.4L/4.8L
	2004-06	BMW	X5 (E53)	4.8L
	2004-05	BMW	545i, 645i	4.8L
	2006-09	BMW	750i (E65/66)	4.8L
	2006-10	BMW	550i (E60)	4.8L
	2006-11	BMW	650i (E63/64)	4.8L
49005	1987-96	Ford	F-150/250/350, Bronco	4.9L
50005	1985-86	Ford	Mustang	5.0L
50015	1986-93	Ford	Mustang	5.0L HO
50025	1994-95	Ford	Mustang	5.0L HO
50065	2011-15	Ford	F-150	5.0L
	2011-14	Ford	Mustang	5.0L
53015	2000-06	GMC	Yukon XL	5.3L/6.0L
53020	2007-13	GM	Silverado/Sierra 1500/2500/3500 HD, Escalade, Yukon	4.8L/5.3L/6.0L/6.2L
	2007-14	GM	Avalanche, Tahoe, Suburban	4.8L/5.3L/6.0L/6.2L

Exhibit A

53025	2014-15	GM	Chevrolet Silverado 1500, GMC Sierra 1500	5.3L
54005	1997-03	Ford	F-150	5.4L
	1997-04	Ford	Expedition	5.4L
	1999-04	Ford	F-250/350 Super Duty	5.4L
	2000-04	Ford	Excursion	5.4L
54015	2004-10	Ford	F-150/250/350	5.4L
	2005-10	Ford	Expedition	5.4L
	2006-08	Lincoln	Mark LT	5.4L
57005	1987-94	Chevrolet	S-10 Blazer	5.0L, 5.7L
	1992-95	Chevrolet	Tahoe	5.7L
	1994-95	GM	Chevrolet S-10/Blazer, GMC Sonoma/Jimmy	4.3L
	1987-95	GM	C/K 1500-3500, Suburban	4.3L/5.0L/5.7L
57015	1996-00	GM	C/K 1500-3500, Tahoe, Escalade	5.0L, 5.7L
57020	1985-92	GM	Camaro, Firebird, Corvette	5.0L, 5.7L
57025	1998-02	GM	Camaro, Firebird	5.7L
	2004	Pontiac	GTO	5.7L
57044	2003-08	Dodge	Ram 1500-3500 w/ aftermarket air intake	5.7L HEMI
	2004-08	Dodge	Durango w/ aftermarket air intake	5.7L
57046	2005-10	Chrysler	300C	5.7L HEMI
	2005-08	Dodge	Magnum	5.7L HEMI
	2006-10	Dodge	Charger R/T	5.7L HEMI
	2008-10	Dodge	Challenger	5.7L HEMI
57048	2012-13	Dodge	Ram	5.7L HEMI
57049	2009-12	Dodge	Ram 1500-3500, Durango, Aspen	5.7L HEMI
57050	2011-16	Chrysler	300C, Dodge Challenger R/T, Charger R/T	5.7L
	2011-16	Dodge	Challenger SRT-8, Charger SRT-8	6.4L
	2011-15	Chrysler	300 SRT-8	6.4L
59005	1992-03	Dodge	Dakota	3.9L/5.2L/5.9L
	1997-03	Dodge	Durango	3.9L/5.2L/5.9L
	1992-98	Jeep	Grand Cherokee	5.2L/5.9L
59015	1994-03	Dodge	Ram 1500-3500	5.9L (gas)
	1994-01	Dodge	Ram 1500-3500	3.9L/5.2L
60005	2000-06	GM	Escalade, Yukon, Yukon XL, Tahoe, Suburban, Avalanche	4.8L/5.3L/6.0L
	2003-06	GM	Denali	4.8L/5.3L/6.0L
	2003-07	Hummer	H2	6.0L
	1999-07	GM	Silverado/Sierra 1500-3500	4.8L/5.3L/6.0L/6.2L
	2003-04	GM	Trailblazer, SSR	4.8L/5.3L/6.0L
	2007	GM	Silverado/Sierra 1500-3500 Classic	5.7L
	2001-07	GM	Silverado/Sierra 2500-3500, Yukon	8.1L
60025	2005-07	GM	Chevrolet SSR, Pontiac GTO	6.0L LS2

Exhibit A

61025	2005-10	Chrysler	300C, 300 SRT-8	6.1L HEMI
	2008-10	Dodge	Challenger SRT-8	6.1L HEMI
	2006-10	Chrysler	Dodge Charger SRT-8, Jeep Grand Cherokee SRT-8	6.1L HEMI
	2005-08	Dodge	Magnum	6.1L HEMI
62005	2010-15	Chevrolet	Camaro SS	6.2L
62010	2010-14	Ford	F-150, Raptor	6.2L
	2011-14	Ford	F-250/350 Super Duty	6.2L
62015	2008-13	Chevrolet	Corvette C6	6.2L
	2006-13	Chevrolet	Corvette C6 Z06	7.0L
	2014	Chevrolet	Corvette C7	6.2L
66005	2001-04	GM	Silverado/Sierra 2500-3500	6.6L Diesel LB7
66015	2004-05	GM	Silverado/Sierra 2500-3500	6.6L Diesel LLY
68005	1988-97	Ford	F-150/250/350, Bronco	5.0L/5.8L/7.5L
68015	2000-05	Ford	Excursion	6.8L
	2000-04	Ford	F-250/350/450/550	6.8L
68020	2005-10	Ford	F-250/350/450/550	6.8L
73015	1999-03	Ford	F-250/350/450/550	7.3L Diesel
	2000-03	Ford	Excursion	7.3L Diesel
74905	1987-90	GM	Silverado/Sierra 1500-3500, Suburban	7.4L
74906	1991-92	Chevrolet	1500 SS 454	7.4L
	1991-95	GM	C/K 2500-3500	7.4L
74915	1996-00	GM	C/K 1500-3500	7.4L
80005	1994-02	Dodge	Ram 2500-3500	8.0L
83005	2004-06	Dodge	Ram 1500 SRT	8.3L
91010	1997-01	Acura	Integra	1.8L
91201	1993-00	Honda	Civic	1.5L/1.6L
	1994-97	Honda	Civic Del Sol	1.6L
	1993-97	Honda	Accord	2.2L
	1993-96	Honda	Prelude	2.3L
91202	1994-01	Honda	Prelude	2.2L/2.3L
	1998-01	Honda	Accord	2.3L
91203	2001-05	Honda	Civic DX, HX, LX	1.7L
91204	2006-11	Honda	Civic Si	2.0L
91205	2002-05	Honda	Civic Si	2.0L
91210	2000-03	Honda	S-2000	2.0L
91225	1991-93	Honda	Accord SE, LX	2.2L
91226	1998-01	Honda	Accord	3.0L
91240	2013-15	Acura	ILX	2.4L
	2009-15	Acura	TSX	2.4L
	2008-15	Honda	Civic Si	2.4L
	2008-14	Honda	Accord	2.4L

Exhibit A

91243	2008-14	Honda	Accord	3.5L
	2010-14	Acura	TSX	3.5L
	2010-15	Honda	Crosstour	3.5L
	2014-16	Acura	MDX, RLX, TLX	3.5L
	2007-14	Acura	MDX	3.7L
	2005-16	Honda	Odyssey, Pilot	3.5L
	2005-08	Acura	RL	3.5L
	2009-12	Acura	RL	3.7L
	2013-14	Acura	RL	3.5L/3.7L
	2009-14	Acura	TL, Type S	3.5L/3.7L
	2007-08	Acura	TL, Type S	3.5L
	2010-13	Acura	ZDX	3.7L
91245	2003-05	Honda	Accord EX	2.4L
91306	2003-05	Honda	Accord EX	3.0L
91350	2006-14	Honda	Ridgeline	3.5L
	2005-08	Acura	TL	3.2L
	2003-06	Acura	MDX	3.5L
	2007-08	Acura	TL	3.5L
93001	1993-94	Mitsubishi	Eagle Talon	1.8L
	1989-90	Mitsubishi	Eclipse	1.8L/2.0L
	1995-99	Mitsubishi	Eagle Talon	2.0L
93002	1996-05	Mitsubishi	Eclipse	2.4L
93005	1989-90	Mitsubishi	3000GT	3.0L
	2000-05	Mitsubishi	Eclipse	3.0L
	1999-03	Mitsubishi	Galant	3.0L
	1989-92	Nissan	240SX	2.4L
94240	1990-92	Nissan	Stanza	2.4L
94245	1998-04	Nissan	Frontier	2.4L
94255	2002-06	Nissan	Sentra, SE-R, Altima	2.5L
94335	1999-04	Nissan	Frontier, Pathfinder, Xterra	3.3L
94355	2003-06	Nissan	350Z, Murano	3.5L
	2003-05	Nissan	Altima	3.5L
94400	2005-14	Nissan	Frontier/Pathfinder/Xterra	4.0L
	2015	Nissan	Frontier/Xterra	4.0L
	2008-12	Suzuki	Equator	4.0L
94560	2004-15	Nissan	Armada, Titan	5.6L
	2014	Infiniti	QX80	5.6L
	2005-13	Infiniti	QX56	5.6L
	2011-13	Infiniti	M56	5.6L
	2014-16	Infiniti	Q70	5.6L
	2004	Nissan	Pathfinder	5.6L

Exhibit A

95120	2004-09	Mazda	3	2.0L
95135	2004-11	Mazda	RX8	1.3L
96185	2002-04	Kia	Spectra	1.8L
97185	2000-04	Toyota	Celica GT	1.8L
	2003-04	Toyota	Corolla CE, S	1.8L
	1998-00	Toyota	Corolla VE, CE	1.8L
	2003-04	Toyota	Matrix	1.8L
97188	2005-08	Pontiac	Vibe	1.8L
	2005-08	Toyota	Corolla, Matrix	1.8L
97220	1990-95	Toyota	Camry	2.2L
	1997-99	Toyota	Celica	2.2L
97225	1997-01	Toyota	Camry	2.2L
97260	2013-15	Subaru	BRZ	2.0L
	2013-15	Toyota	FRS	2.0L
97355	2005-10	Toyota	Avalon	3.5L
	2008-10	Toyota	Highlander	3.5L
	2007-10	Toyota	Camry	3.5L
97405	2005-09	Toyota	4Runner	4.0L
	2007-09	Toyota	FJ Cruiser	4.0L
	2005-15	Toyota	Tacoma	4.0L
	2005-13	Toyota	Tundra	4.0L
97475	2003-09	Lexus	GX470	4.7L
	2006-07	Lexus	LX470	4.7L
	2006-07	Toyota	Landcruiser	4.7L
	2005-10	Toyota	Tundra	4.7L
97575	2007-15	Lexus	LX570	5.7L
	2010-13	Toyota	Sequoia	4.6L
	2007-15	Toyota	Tundra	4.6L
	2007-15	Toyota	Landcruiser, Sequoia	5.7L
	2007-14	Toyota	Tundra	5.7L
0500B	Universal	Universal	Holley 500 2bbl/4bbl intake	Universal