

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-619-1

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Dynojet Research, Inc.  
Power Commander V EX

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 Power Commander V EX, produced and marketed by Dynojet Research, Inc. of 2191 Mendenhall Drive, Suite 105, North Las Vegas, Nevada 89081, 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 2009 - 2010 model year on road motorcycle applications as listed in Exhibit A.

The Power Commander V EX is an electronic control module (ECM) that works with the stock motorcycle's ECM. It is installed in series with the stock wiring harness of the ECM. The Power Commander V EX allows the user to adjust, within preset levels, the amount of fuel going into the combustion chamber. Ignition timing modifications are also allowed for Harley Davidson motorcycles, but limited to maximum 4 degrees advance and 10 degrees retard. Modifications are made using a computer; there are no user adjustments on the device. Installation does not require the modification or removal of any sensor or emission control device.

This Executive Order is valid provided the installation instructions for the Power Commander V EX will not recommend tuning the motorcycle to specifications different from those of the Dynojet Research, Inc.

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

This Executive Order is granted based on prior submitted emission test data generated on four motorcycles in support of Executive Order D-619. Test results showed that emission levels met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP). Results from emission testing conducted at California Environmental Engineering, located in Santa Ana, California, are shown below in grams per kilometer.

	2007 Harley Davidson Softail		2006 Suzuki GSX-R1000	
	HC+NOx	CO	HC+NOx	CO
Standards	1.2	12	1.5	12
Device w/ df	1.0	4.9	1.0	9.0

	2005 Kawasaki ZX636C6		2006 Honda VTX 1800	
	HC+NOx	CO	HC+NOx	CO
Standards	1.4	12	0.4	12
Device w/ df	0.8	5.9	0.2	1.2

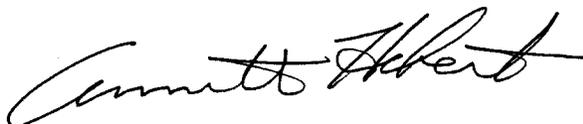
The Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

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 DYNOJET RESEARCH, INC.'S POWER COMMANDER V EX.

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 25 day of February 2010.



Annette Hebert, Chief  
Mobile Source Operations Division

Dynojet Exhibit A

Model	Year	PCV	Model	Year	PCV
<b>Aprilia</b>			<b>Hyosung</b>		
SXV 450/550	2009	10-005	GV650	2009	13-001
RSV Mille	2009	10-003	<b>Kawasaki</b>		
Tuono	2009	10-004	ZX-6 R	2009-2010	17-003
RSV4	2010	10-001	EX650R	2009-2010	17-008
<b>BMW</b>			ER6n	2009-2010	17-009
G450X	2009	12-005	Versys	2009-2010	17-010
G650X	2009	12-006	VN900	2009-2010	17-015
F650 GS	2009-2010	12-007	Z1000	2010	17-021
F800 GS	2009-2010	12-008	ZX-10R	2009	17-004
F800 ST	2009	12-009	ZX-10R	2010	17-023
S1000RR	2010	12-012	ZX-14R	2009-2010	17-012
R1200 GS	2009	12-001	ZG1400 Concours	2009	17-013
R1200 GS	2010	12-014	ZG1400 Concours	2010	17-022
R1200 R / RT	2009	12-002	Vulcan 1700 Voyager	2009-2010	17-005
R1200 RT	2010	12-013	Vulcan 1700 Classic	2009-2010	17-006
HP2	2009	12-010	Vulcan 1700 Nomad	2009-2010	17-007
HP2 Megamoto	2009	12-011	Vulcan 2000	2009-2010	17-011
K1300 S/R	2009-2010	12-004	<b>KTM</b>		
<b>Bombardier</b>			690 SM/SMC	2009	18-001
CanAm Spyder	2009-2010	25-004	Superduke	2009	18-002
<b>Buell</b>			Superduke R	2009	18-006
1125	2009	15-016	Adventurer	2009	18-003
<b>Ducati</b>			990 SM	2009	18-005
696	2009-2010	14-001	RC8	2009	18-004
Hypermotard 796	2010	14-008	<b>MV Agusta</b>		
848	2009-2010	14-002	Brutale 989	2009	24-001
Hypermotard	2009	14-003	Brutale 990	2010	24-004
Hypermotard Evo	2010	14-009	Brutale 1078	2009	24-002
M1100	2009-2010	14-004	Brutale 1090	2010	24-005
Streetfighter	2009-2010	14-005	F4 1078RR	2009	24-003
1198	2009-2010	14-006	<b>Polaris</b>		
Desmosedici	2009	14-007	Victory Vegas / Kingpin	2009-2010	19-001
<b>Harley-Davidson</b>			Victory Hammer / S / Vegas Jackpot	2009-2010	19-002
883 Sportsters	2009	15-001	Victory Vision	2009-2010	19-006
883 Sportsters	2010	15-009	<b>Suzuki</b>		
1200 Sportsters	2009	15-002	TU250	2009	20-011
1200 Sportsters	2010	15-010	GSXR 600	2009-2010	20-005
XR1200	2009	15-008	SV 650 & SV 650 S	2009-2010	20-009
XR1200	2010	15-015	DL 650 (V-Strom)	2009	20-003
All Touring Models	2009	15-003	Gladius	2009	20-013
All Touring Models	2010	15-011	GSX650F	2009	20-012
Softail Models	2009-2010	15-004	GSXR 750	2009-2010	20-006
Softail Deluxe / Heritage	2009	15-007	Boulevard C50, C50 SE & M50	2009-2010	20-014
Dyna Models	2009	15-005	DL 1000 (V-Strom)	2009-2010	20-017
Dyna Models	2010	15-013	GSXR 1000	2009-2010	20-007
V-Rod	2009-2010	15-006	Bandit 1250	2009	20-010
<b>Honda</b>			Bandit 1250	2010	20-021
CBR 600 RR	2009-2010	16-001	GSX 1300 Hayabusa	2009-2010	20-008
DN-01	2009	16-010	B King	2009-2010	20-004
NT700V	2010	16-016	Boulevard C90 & C90 SE	2009	20-015
VT750C	2009-2010	16-011	M90	2009-2010	20-018
VFR 800 VTec	2009	16-005	M109R / C109R	2009-2010	20-016
CBR 1000 RR	2009	16-002	<b>Triumph</b>		
CBR 1000 RR	2010	16-017	Daytona 675	2009-2010	21-002
VFR1200	2010	16-020	Street Triple 675	2009-2010	21-004
Fury	2010	16-014	Bonneville / T100 / Thruxton	2009-2010	21-005
<b>Husqvarna</b>			Speedmaster / America / Scrambler	2009-2010	21-006
TE250	2010	23-005	Speed Triple	2009-2010	21-007
TE310	2009-2010	23-001	Sprint ST	2009-2010	21-008
TE450 / SM450	2009-2010	23-003	Thunderbird 1600	2010	21-001
TE510 / SM510	2009-2010	23-004	Rocket 111	2009	21-003
TE610 / SM610	2009-2010	23-002	Rocket 111	2010	21-009
<b>Yamaha</b>					
WR250X/R	2009-2010	22-016			
YZF 600 R6S	2009	22-001			
YZF600 R6	2009	22-005			
YZF600 R6	2010	22-031			
FZ6 Fazer	2009	22-014			
FZ6R	2009-2010	22-008			
XV950	2009-2010	22-009			
FZ1	2009	22-015			
FZ1	2010	22-030			
YZF R1	2009-2010	22-006			
FJR 1300	2009-2010	22-017			
XV1300	2009-2010	22-018			
Road Star	2009-2010	22-010			
Road Star Warrior	2009	22-011			
Stratoliner / Roadliner	2009-2010	22-012			
Raider	2009-2010	22-013			
V-Max	2009-2010	22-003			