(Page 1 of 3)

State of California AIR RESOURCES BOARD

EXECUTIVE ORDER D-330-5 Relating to Exemptions Under Section 27156 of the Vehicle Code

SUPERCHIPS, INC. Ford Upgrade Module

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-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the Ford Upgrade Module, manufactured and marketed by Superchips, Inc., 134 Baywood Avenue, Longwood, Florida 32750 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 1985 to 2000 model-year vehicles equipped with engine displacements listed in Exhibit A, and are also equipped with the EEC4 or EEC5 Electronic Fuel Injection System. Vehicles certified to the ultra low emission vehicle (ULEV) emission standards are excluded. The 1200 series part numbers are applicable to Ford vehicles equipped with a diesel or V-10 gasoline engine and the 1100 series part numbers are applicable to all other Ford applications.

The diesel Ford Upgrade Module is designed as a replacement to the factory computer chip located in the electronic control module (ECM). The new electronic module plugs into the service port on the ECM. Changes to the stock operating parameters from the installation of the Ford Upgrade Module are: Fuel delivery is increased at high loads, shift points are raised, boost pressure is increased, and RPM and speed limit are modified. An insert is also included for the vacuum line connected to the waste-gate actuator.

The gasoline Ford Upgrade Module is designed as a replacement to the factory computer chip located in the electronic control module (ECM). The new electronic module plugs into the service port on the ECM. Changes to the stock operating parameters from the installation of the Ford Upgrade Module are: Timing is increased at part and wide open throttle, fuel is increased at wide open throttle, shift points are raised, and RPM and speed limit are modified. **Manufacturer recommends use of high octane fuel with the Ford Upgrade Module.**

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

This Executive Order shall not apply to any Superchips, Inc. Ford Upgrade Module advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

EXECUTIVE ORDER D-330-5 (Page 2 of 3)

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

This Executive Order is granted based on results of prior emissions tests conducted on a 1999 Ford diesel F-350 truck with a 7.3L engine that is certified to the low emission vehicle (LEV) standards, a 1998 Mercury Navigator with a 5.4L engine that is certified to the LEV standards, and a 1993 Ford Mustang with a 5.0L engine that is certified to the Tier 0 standards. Test results showed that tailpipe emissions with the Superchip installed were below the applicable emission standards or within the allowable limits for comparative emissions testing as specified in the "Procedures for Exemption of Add-On and Modified Parts".

This Executive Order is also based on the On Board Diagnostic II (OBD II) testing conducted on the F-350 and the Navigator trucks. Test data showed that the Superchip when installed on the trucks did not affect their ability to perform OBD II monitoring.

The ARB finds that reasonable grounds exist to believe that use of the Superchip may adversely affect emissions of motor vehicles when operating under conditions outside the parameters of the previously prescribed test procedures. Accordingly, the ARB reserves the right to conduct additional emission tests, in the future, as such tests are developed, that will more adequately measure emissions from all cycle phases. If such test results demonstrate that the Superchip adversely affect emissions during off-cycle conditions (defined as those conditions which are beyond the parameters of the Cold-Start CVS-75 Federal Test Procedure), this Executive Order shall be effectively rescinded as of the date the test results are validated. Further, if such test results or other evidence provides the ARB with reason to suspect that the Superchip will affect the durability of the emission control system, Superchips, Inc. shall be required to submit durability data to show that the durability of the vehicle emission control system is not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

In addition to the foregoing, the 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.

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 SUPERCHIPS, INC.'S FORD UPGRADE MODULE.

SUPERCHIPS, INC. Ford Upgrade Module

EXECUTIVE ORDER D-330-5 (Page 3 of 3)

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 has been made after the hearing that grounds for revocation exist.

Executive Order D-330-4, dated October 1999, is superseded and of no further force and effect.

Executed at El Monte, California, this <u>22</u> day of January 2001.

Ř. B. Symmerfield, Chief Mobile Source Operations Division

Exhibit A

			_		
Innioaliniaa	101 CO 101	63710	20100117770221	DIA 1 'AII	I CAUNA ISANA
	MJG IJUI	30/15			
				UU	

0011	2.21	0011	72.2	0011	2.2L	1100	3 ,2L	1 0011	2.01	0011	2.0L
0011	76.1	0011	76.1	1100	16 .1	0011	76 1	0011	76.1	0011	76.1
Part # Series	enipn∃	Part # Series	enign∃	Part # Series	Engine	Part # Series	enigna	Part # Series	ənipnƏ	Part # Series	enign∃
6861	XW	0661	ΥM		1661YM		2661YM		8661YM		7661YM
• •		0011	79.7								
		1500	101 JE.7								
		1500	79 '9	1100	79 [.] 7			1500	IOT E.T		
0011	79'2	1100	78.2	1500	10T JE.7			1500	78.9		•
1500	IOT JE.7	1100	7 ₽ '9	1500	79 .9			0011	7Þ'S		
0011	79'S	0011	10.2	1100	79 'S			0011	70°S		
0011	10'S	0011	18°Þ	1100	S.4L	1200	10T JE.7	0011	79.4		
0011	18. 4	0011	79 Þ	0011	70'9	1500	78.9	1100	12.1	1500	01 JE.7
0011	79 7	1100	75.4	0011	79't	0011	7 7 5	0011	10.4	0011	78.9
1100	4.2L	1100	4.2L	0011	4'SF	1100	70'S	0011	3 9L	0011	5.4L SC
0011	10'Þ	0011	10.4	1100	4.0L	1100	19 1	0011	.18 [.] E	0011	76.8
0011	3.8L	0011	3.8L	1100	J 9.E	0011	4"SF	0011	3 ¢ Г	1100	19 .4
0011	3.2L	1100	3'4Г	0011	3.4L	0011	38. E	0011	3.3L	1100	10.4
1100	3.0L	0011	3.0L	0011	3.0L	0011	3.4L	0011	3.0L	0011	76.6
1100	797	0011	7.5L	1100	79.5	0011	3.0L	0011	5.5L	1100	38.6
1100	75.3L	0011	2'3F	1100	79'7	0011	797	0011	7480	1100	3°0
1100	2.0L	0011	2.01	0011	2.3L	0011	2.3L	1100	2.0L	0011	79.5
0011	76.1	0011	76.1	0011	2.0L	0011	2.0L	0011	76° I	0011	2.0L
Part # Series	ənipn3	Part # Series '	Engine	Part # Series	əuibug	Part # Series	enign∃	Part # Series 	ənipnə	Part # Series	enipn∃
\$661	λW	9661	λW	2661	λW	8661	λW	- 6661	XW	12000	(W)

0011

1200

0011

0011

0011

1100

1100

0011

1100

1100

0011

1100

79[.]7

7.3L D

78'S

70'9

76.4

18 P

70.4

<u> 18</u>.5

3.0L

2'9L

2°31

2.2L TRB

0011

1500

1100

1100

0011

1100

1100

1100

0011

0011

0011 0011 79.7

0 78⁻2

78'9

J0.2

76'Þ

79.4

4°01

3'81 3'81 3'51 3'01

7'9'7

7.31

ŀ

1100

1500

0011

0011

1100

1100

0011

1100

0011

1100

0011

1100

79°.7

0 75.7

78.2

10.8

J9.4

3'6L SC

J9.£

3.0L

76'7

7972

2[.]3ľ

2.2L TRB

0011

1500

1100

1100

1100

0011

1100

1100

1100

1100

0011

1100

0011

79[.]2

0 78'Z

78'9

10.2

76°7

4'0l

3'8' CC

J8.E

2.9L

797

2'3F

2.2L TRB

1100

1500

1100

1100

1100

1100

1100

1100

0011

0011

1100

79'2

7.3L D

78'9

70'9

76.4

10.4

3.8L

3.0L

2.9L

2.5L

2.3L

~	^	in	-	***	1
- 11	114	v	-		3
•••					1

79[.]7

101 JE.7

7.3L D

79'9

70.2

76.4

79'**†**

4°01

3.8L

3'SF

3.0L

2[.]52

2.3L

1100

1500

1500

1100

0011

0011

0011

0011

0011

0011 0011

1100

1100

Exhibit A

2861YM		9861YM				8861YM		
Part # Series	enign3	Part # Series	enigna	Part # Series 1	enigna	Part # Series	enipn∃	
		3077		1 3011	10 1	3077	10 1	
0011	79.1	0011	76 1	0011	36.1	0011	79°L	
0011	1.6L TRB	0011	2.0L	0011	70 ⁻ Z	0011	76.1	
1100	76.1	0011	2.3L	0011	70'9	0011	707	
0011	2.0L	0011	2.3L TRB	0011	78.2	1100	2.3L	
0011	2 3F	0011	79.2	0011	7°21	0011	2.3L TRB	
1100	2.3L TRB	0011	7972	0011	J0.E	1100	797	
0011	2.4L TDI	0011	76 Z	0011	2.3L	0011	7.9L	
1100	2.8L	0011	3.0L	0011	2.3L TRB	0011	3.0L	
0011	38. E	0011	J 9.E	0011	19 E	0011	J8. E	
0011	76.4	0011	79.4	1100	16 .4	1100	10.4	
0011	70'9	1100	70°S	0011	76 Z	0011	70'9	
0011	79 S	1100	78.2	0011	79.7	1100	18.9	
1500	a 16'9	1500	0 76 9	1500	0 76 [.] 9	1500	0 76 ⁻ 2	
0011	79°2	1100	79°2			0011	<u>7</u> 9'2	

۱ ادار

| .