

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-512-7

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Bully Dog Technologies
Triple Dog GT Gas Tuner, Part Number 40410

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 Triple Dog GT Gas Tuner, part number 40410, manufactured and marketed by Bully Dog Technologies, 2839 Hwy 39, American Falls, Idaho 83211, 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 vehicle applications listed in Exhibit A.

The Triple Dog GT Gas Tuner, part number 40410 is a hand held programmer designed to reprogram the FLASH memory chip located in the vehicle's ECU module. There are three main stages of enhancement: Stock, Regular, and Premium. The Triple Dog GT is also designed to download OEM calibration updates, non emission related upgrades, and patches or fixes in the firmware, data files cannot be modified by the end user. The LCD screen also displays engine operating parameters.

This Executive Order is valid provided that the installation instructions for the Triple Dog GT Gas Tuner, part number 40410 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 Triple Dog GT Gas Tuner, part number 40410, 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 Triple Dog GT Gas Tuner, part number 40410 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 Triple Dog GT Gas Tuner, part number 40410 using any identification other than that shown in this Executive Order or marketing of the Triple Dog GT Gas Tuner, part number 40410 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 Triple Dog GT Gas Tuner, part number 40410 may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on prior submitted emissions test data, in support of Executive Order D-512-3, and newly submitted emissions test data on two new test vehicles modified with the Premium tune. Test results showed that emission levels, with the Triple Dog GT Gas Tuner, part number 40410's Premium program installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP US06) test cycle. Examination of the OBD II system showed the Triple Dog GT Gas Tuner, part number 40410 did not affect OBD II system operation. Results from emissions testing conducted at California Environmental Engineering, LLC, located in Santa Ana, California, are shown below (in grams per mile with deterioration factors applied).

| 2012 Ford F-150 3.5L | CVS-75 FTP | | | | SFTP US06 | |
|-----------------------------|-------------------|-----|------|-------|------------------|------|
| | NMOG | CO | NOx | HCHO | NMHC+NOx | CO |
| Standards*, UL | 0.070 | 2.1 | 0.04 | 0.011 | 0.60 | 11.8 |
| Device Test | 0.052 | 0.7 | 0.02 | 0.000 | 0.10 | 2.6 |

| 2012 Nissan Sentra | CVS-75 FTP | | | | SFTP US06 | |
|---------------------------|-------------------|-----|------|-------|------------------|-----|
| | NMOG | CO | NOx | HCHO | NMHC+NOx | CO |
| Standards**, UL | 0.010 | 1.0 | 0.02 | 0.004 | 0.14 | 8.0 |
| Device Test | 0.007 | 0.3 | 0.02 | 0.000 | 0.05 | 4.2 |

* LEV II ULEV CVS-75 FTP emissions standards

** LEV II SULEV CVS-75 FTP emissions standards

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.

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 21st day of May 2013.



Erik White, Chief
Mobile Source Operations Division

Exhibit A

| Make | Model | START YEAR | END YEAR | Engine | Tuning Levels (HP) | | |
|-----------|--------------------|------------|----------|------------|--------------------|-------------|------------|
| | | | | | REG (85 | PREMIUM | TQ PREMIUM |
| | | | | | octane) | (91 octane) | |
| CHEVORLET | SILVERADO | 2013 | 2014 | 4.8L | 8 | 12 | 12 |
| CHEVORLET | SILVERADO | 2013 | 2014 | 5.3L | 10 | 14 | 14 |
| CHEVORLET | SILVERADO | 2013 | 2014 | 6.0L | 15 | 20 | 22 |
| CHEVORLET | SILVERADO | 2013 | 2014 | 6.2L | 10 | 16 | 18 |
| GMC | SIERRA | 2013 | 2014 | 4.8L | 8 | 12 | 12 |
| GMC | SIERRA | 2013 | 2014 | 5.3L | 10 | 14 | 14 |
| GMC | SIERRA | 2013 | 2014 | 6.0L | 15 | 20 | 22 |
| GMC | SIERRA | 2013 | 2014 | 6.2L | 10 | 16 | 18 |
| CHEVORLET | TAHOE | 2012 | 2014 | 4.8L | 8 | 12 | 12 |
| CHEVORLET | TAHOE | 2012 | 2014 | 5.3L | 10 | 14 | 14 |
| CHEVORLET | TAHOE | 2012 | 2014 | 6.2L | 10 | 16 | 18 |
| GMC | YUKON | 2012 | 2014 | 4.8L | 8 | 12 | 12 |
| GMC | YUKON | 2012 | 2014 | 5.3L | 10 | 14 | 14 |
| GMC | YUKON | 2012 | 2014 | 6.2L | 10 | 16 | 18 |
| GMC | YUKON XL | 2012 | 2014 | 4.8L | 8 | 12 | 12 |
| GMC | YUKON XL | 2012 | 2014 | 5.3L | 10 | 14 | 14 |
| GMC | YUKON XL | 2012 | 2014 | 6.2L | 10 | 16 | 18 |
| CHEVORLET | SUBURBAN | 2012 | 2014 | 4.8L | 8 | 12 | 12 |
| CHEVORLET | SUBURBAN | 2012 | 2014 | 5.3L | 10 | 14 | 14 |
| CHEVORLET | SUBURBAN | 2012 | 2014 | 6.2L | 10 | 16 | 18 |
| GM | SAVANNAH/EXPRESS | 2003 | 2014 | 6.0L | 15 | 20 | 22 |
| GM | TAHOE/YUKON | 2003 | 2014 | 6.0L | 15 | 20 | 22 |
| GM | YUKON XL/SUIBURBAI | 2003 | 2014 | 6.0L | 15 | 20 | 22 |
| CADILLAC | ESCALADE | 2012 | 2014 | 6.2L | 10 | 16 | 18 |
| CHEVORLET | AVALANCHE | 2012 | 2014 | 5.3L | 10 | 14 | 14 |
| CHEVORLET | EXPRESS | 2012 | 2014 | 4.8L | 8 | 12 | 12 |
| CHEVORLET | EXPRESS | 2012 | 2014 | 5.3L | 10 | 14 | 14 |
| GMC | SAVANNAH | 2012 | 2014 | 4.8L | 8 | 12 | 12 |
| GMC | SAVANNAH | 2012 | 2014 | 5.3L | 10 | 14 | 14 |
| CHEVORLET | CAMARO | 2012 | 2014 | 6.2L | 10 | 16 | 18 |
| CHEVORLET | CRUZE | 2011 | 2014 | 1.4L T | 12 | 20 | 20 |
| CHEVORLET | SONIC | 2012 | 2014 | 1.4L T | 12 | 20 | 20 |
| CHRYSLER | 300C | 2011 | 2014 | 5.7L | 10 | 16 | 20 |
| DODGE | RAM | 2011 | 2014 | 5.7L | 10 | 16 | 20 |
| DODGE | RAM | 2011 | 2014 | 4.7L | 8 | 13 | 18 |
| DODGE | DAKOTA | 2011 | 2011 | 4.7L | 8 | 13 | 18 |
| DODGE | CHARGER | 2011 | 2014 | 5.7L | 10 | 16 | 20 |
| DODGE | CHALLENGER | 2011 | 2014 | 5.7L | 10 | 16 | 20 |
| DODGE | DURANGO | 2011 | 2014 | 5.7L | 10 | 16 | 20 |
| FORD | F-150 RAPTOR | 2010 | 2014 | 6.2L | 10 | 18 | 20 |
| FORD | F-150 | 2011 | 2014 | 3.5L Turbo | 30 | 45 | 50 |
| FORD | F-150 | 2011 | 2014 | 5.0L | 8 | 14 | 18 |
| FORD | F-150 | 2011 | 2014 | 6.2L | 10 | 16 | 14 |

Exhibit A

| Make | Model | START YEAR | END YEAR | Engine | Tuning Levels (HP) | | |
|----------|----------------|------------|----------|----------|--------------------|-------------|------------|
| | | | | | REG (85 | PREMIUM | TQ PREMIUM |
| | | | | | octane) | (91 octane) | |
| FORD | F-250 | 2011 | 2014 | 6.2L | 10 | 12 | 12 |
| FORD | F-350 | 2011 | 2014 | 6.2L | 10 | 12 | 12 |
| FORD | EXPEDITION | 2005 | 2010 | 5.4L | 10 | 14 | 14 |
| JEEP | WRANGLER JK | 2011 | 2011 | 3.8L | 10 | 15 | 18 |
| JEEP | WRANGLER JK | 2012 | 2013 | 3.6L VVT | 10 | 15 | 18 |
| JEEP | GRAND CHEROKEE | 2011 | 2013 | 5.7L | 10 | 16 | 20 |
| NISSAN | 350Z | 2005 | 2009 | 3.5L | 10 | 15 | 32 |
| NISSAN | 370Z | 2009 | 2014 | 3.7L | 12 | 17 | 32 |
| NISSAN | ALTIMA | 2005 | 2014 | 2.5L | 8 | 10 | 10 |
| NISSAN | ALTIMA | 2005 | 2014 | 3.5L | 10 | 15 | 32 |
| NISSAN | ARMADA | 2005 | 2014 | 5.6L | 20 | 30 | 49 |
| NISSAN | CUBE | 2009 | 2011 | 1.6L | 4 | 5 | 10 |
| NISSAN | CUBE | 2009 | 2014 | 1.8L | 5 | 6 | 10 |
| INFINITI | EX35 | 2008 | 2012 | 3.5L | 10 | 15 | 32 |
| INFINITI | EX37 | 2012 | 2014 | 3.7L | 12 | 17 | 32 |
| NISSAN | FRONTIER | 2005 | 2014 | 2.5L | 8 | 10 | 10 |
| NISSAN | FRONTIER | 2005 | 2014 | 4.0L | 17 | 23 | 35 |
| INFINITI | FX35 | 2005 | 2012 | 3.5L | 10 | 15 | 32 |
| INFINITI | FX37 | 2012 | 2014 | 3.7L | 12 | 17 | 32 |
| INFINITI | FX45 | 2005 | 2008 | 4.5L | 18 | 27 | 45 |
| INFINITI | G35 | 2005 | 2009 | 3.5L | 10 | 15 | 32 |
| INFINITI | G37 | 2009 | 2014 | 3.7L | 12 | 17 | 32 |
| INFINITI | JX35 | 2012 | 2014 | 3.5L | 10 | 15 | 32 |
| INFINITI | M35 | 2006 | 2010 | 3.5L | 10 | 15 | 32 |
| INFINITI | M37 | 2011 | 2014 | 3.7L | 12 | 17 | 32 |
| INFINITI | M45 | 2005 | 2014 | 4.5L | 18 | 27 | 45 |
| INFINITI | M56 | 2011 | 2014 | 5.6L | 20 | 30 | 49 |
| NISSAN | MAXIMA | 2005 | 2014 | 3.5L | 10 | 15 | 32 |
| NISSAN | MURANO | 2005 | 2014 | 3.5L | 10 | 15 | 32 |
| NISSAN | NV2500 | 2012 | 2014 | 4.0L | 17 | 23 | 35 |
| NISSAN | NV3500 | 2012 | 2014 | 5.6L | 20 | 30 | 49 |
| NISSAN | PATHFINDER | 2012 | 2014 | 3.5L | 17 | 23 | 35 |
| NISSAN | PATHFINDER | 2005 | 2014 | 4.0L | 17 | 23 | 35 |
| NISSAN | PATHFINDER | 2008 | 2014 | 5.6L | 20 | 30 | 49 |
| NISSAN | QUEST | 2005 | 2014 | 3.5L | 10 | 15 | 32 |
| INFINITI | QX56 | 2005 | 2014 | 5.6L | 20 | 30 | 49 |
| NISSAN | ROGUE | 2008 | 2014 | 2.5L | 8 | 10 | 10 |
| NISSAN | SENTRA | 2007 | 2014 | 2.0L | 6 | 8 | 10 |
| NISSAN | SENTRA | 2007 | 2014 | 2.5L | 8 | 10 | 10 |
| NISSAN | TITAN | 2005 | 2014 | 5.6L | 20 | 30 | 49 |
| NISSAN | VERSA | 2007 | 2014 | 1.6L | 4 | 5 | 10 |
| NISSAN | VERSA | 2007 | 2014 | 1.8L | 5 | 6 | 10 |
| NISSAN | XTERRA | 2005 | 2014 | 4.0L | 17 | 23 | 35 |