

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-355-12

Relating to Exemptions Under Section 27156
of the California Vehicle Code

S&S Cycle, Inc.
Single Bore Tuned Induction System and Teardrop Air Cleaner

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-14-012;

IT IS ORDERED AND RESOLVED: That the installation of the Single Bore Tuned Induction System and Teardrop Air Cleaner, manufactured and marketed by S&S Cycle, Inc., 14025 County Highway G, Viola, Wisconsin 54664, has been found not to reduce the effectiveness of the applicable motorcycle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the following Harley-Davidson motorcycles listed in Exhibit A.

The Single Bore Tuned Induction System is an air cleaner that has two open element round air filters attached to a Y shaped metal intake housing. The housing is attached to the outside of the stock throttle body, similar to stock. The Teardrop Air Cleaner is a direct replacement air cleaner and includes the following main components: Air cleaner cover, new air filter element, and back plate. The ECU calibration is not modified with installation.

This Executive Order is valid provided that the installation instructions for the Single Bore Tuned Induction System and Teardrop Air Cleaner will not recommend tuning the motorcycle to specifications different from those of S&S Cycle, Inc.

Changes made to the design or operating conditions of the Single Bore Tuned Induction System and Teardrop Air Cleaner, as exempt by the Air Resources Board, which adversely affect the performance of the motorcycle's pollution control system shall invalidate this Executive Order.

This Executive Order is granted based on submitted exhaust emissions test data generated on a 2013 model year 1.8L Harley Davidson Road King motorcycle, with 32,530 km, modified with the air cleaner kits. Test results showed that exhaust emission levels met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP). Results from emissions testing conducted at S & S Laboratories located in Viola, Wisconsin, are shown below.

| | CVS-75 FTP (grams/kilometer) | |
|----------------------|------------------------------|----|
| | HC+NOx | CO |
| Standards | 0.5 | 12 |
| Teardrop Air Cleaner | 0.4 | 2 |
| Tuned Air Cleaner | 0.4 | 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 THE SINGLE BORE TUNED INDUCTION SYSTEM AND TEARDROP AIR CLEANER.

Marketing of the Single Bore Tuned Induction System and Teardrop Air Cleaner using any identification other than that shown in this Executive Order or marketing of the Single Bore Tuned Induction System and Teardrop Air Cleaner for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

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 30 day of May 2014.



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

Exhibit A

| S&S Teardrop Air Cleaner PN Application List | | |
|--|--|--|
| Teardrop Air Cleaner Part Number | Motorcycle Application | |
| | Make | Model List |
| 17-0450 w/Chrome Cover 170-0181 w/Wrinkle Black Cover | All Fuel Injected 2002-2013 Harley-Davidson® Touring Models Originally Equipped With 1449cc, or 1584cc Engines | FLHPI, FLHPEI, FLHRI, FLHRCI, FLHTCI, FLHTCUI, FLHTCUI-SHRINE, FLHTPI, FLTRI, FLHRSI, FLHRI-SHRINE, FLHTI, FLHTCI-SRINE, FLHXI, FLHR, FLHRC, FLHRS, FLHR-SHRINE, FLHT, FLHTC, FLHTCU, FLHTCU-SHRINE, FLHX, FLTR |
| | All Fuel Injected 2004-2014 Harley-Davidson® Dyna Models Originally Equipped With 1449cc, 1584cc, or 1688cc Engines | FXDXI, FXDLI, FXDWGI, FXDI, FXDCI, FXD35, FXD, FXDB, FXDC, FXDL, FXDWG, FXDC ANNIVERSARY, FXDL ANNIVERSARY, FXDF, FXDF-California, FLD, FXDC, |
| | All Fuel Injected 2001-2014 Harley-Davidson® Softail Models Originally Equipped With 1449cc, 1584cc, or 1688cc Engines | FLSTCI, FLSTFI, FLSTSI, FXSTBI, FXSTDI, FXSTI, FXSTSI, FXSTDSE, FLSTCI-A, FLSTFI-A, FLSTSI-A, FXSTDI-A, FXSTNI, FLSTNI, FLSTSCI, FXSI, FLSTC, FLSTF, FLSTN, FLSTSC, FXST, FXSTB, FXSTC, FXSTD, FLSTC-SHRINE, FLSTF-SHRINE, FLSTC ANNIVERSARY, FLSTN ANNIVERSARY, FXCW, FXCWC, FLSTSB, FLST, FLSTFB, FLS, FXSB |
| 106-2091 w/Chrome Cover | All Fuel Injected 2008-2014 Harley-Davidson® Touring Models Originally Equipped With 1584cc or 1688cc Engines and Throttle by Wire | FLHR, FLHRC, FLHRC ANNIVERSARY, FLHRS, FLHR-SHRINE, FLHT, FLHTC, FLHTCU, FLHTCU ANNIVERSARY, FLHTCU-SHRINE, FLHX, FLTR, FLHTCUH, FLHXS, FLHTK |
| 17-0448 w/Chrome Cover 170-0182 w/Wrinkle Black Cover | All Fuel Injected 2007-2014 Harley-Davidson® XL Sportster Models Originally Equipped With 883cc or 1200cc Engines | 1200 Custom, 1200 Custom Anniversary Edition, Forty-Eight, Seventy-Two, XL 1200 Custom, Iron 883, Superlow, Nighster, 1200 Low, XL 883 L, XL 883 N, XL1200 C, Custom, XL1200 L, Lowrider, XL1200 N, XL 1200 X, XL 1200-50A, XL 883, XL 883 L, XL 883 C, XL883 R, 883 N, XL1200 R, Night, Sport, Custom Anniversary, Lowrider Anniversary, XL1200 V |

Exhibit A

| S&S Singe Bore Tuned Induction System PN Application List | | |
|---|--|--|
| Tuned Runner Part Number | Motorcycle Application | |
| | Make | Model List |
| Chrome Finish Part # 170-0087 | All Fuel Injected 2002-2007 Harley-Davidson® Touring Models Originally Equipped With 1449cc or 1584cc Engines* | FLHPI, FLHPEI, FLHRI, FLHRCI, FLHTCI, FLHTCUI, FLHTCUI-SHRINE, FLHTPI, FLTRI, FLHRSI, FLHRI-SHRINE, FLHTI, FLHTCI-SRINE, FLHXI, FLHR, FLHRC, FLHRS, FLHR-SHRINE, FLHT, FLHTC, FLHTCU, FLHTCU-SHRINE, FLHX, FLTR, |
| | Fuel Injected 2004-2014 Harley-Davidson® Dyna Models Originally Equipped With 1449cc, 1584cc, or 1688 cc Engines | FXDXI, FXDLI, FXDWGI, FXDI, FXDCI, FXD35, FXD, FXDB, FXDC, FXDL, FXDWG, FXDC ANNIVERSARY, FXDL ANNIVERSARY, FXDF, FXDF-California (Interference w/fuel tank excludes fitment on 04-08 FXDWG/FXD35 and 2009 FXDC/FXDF) |
| | All Fuel Injected 2001-2013 Harley-Davidson® Softail Models Originally Equipped With 1449cc, 1584, or 1688cc Engines | FLSTCI, FLSTFI, FLSTSI, FXSTBI, FXSTDI, FXSTI, FXSTSI, FXSTDSE, FLSTCI-A, FLSTFI-A, FLSTSI-A, FXSTDI-A, FXSTNI, FLSTNI, FLSTSCI, FXSI, FLSTC, FLSTF, FLSTN, FLSTSC, FXST, FXSTB, FXSTC, FXSTD, FLSTC-SHRINE, FLSTF-SHRINE, FLSTC ANNIVERSARY, FLSTN ANNIVERSARY, FXCW, FXCWC, FLSTSB, FLST |
| Chrome Finish Part # 106-2448 Black Finish Part # 106-2447 Natural Finish Part # 106-2446 | Fuel Injected 2008-2014 Harley-Davidson® Touring Models Originally Equipped With 1584cc or 1688cc Engines. Excluding Twin Cooled Engines.* | FLHR, FLHRC, FLHRC ANNIVERSARY, FLHRS, FLHR-SHRINE, FLHT, FLHTC, FLHTCU, FLHTCU ANNIVERSARY, FLHTCU-SHRINE, FLHX, FLTR, FLHTCUH, |
| Chrome Finish Part #: 170-0089 | All Fuel Injected 2007-2014 Harley-Davidson® XL Sportster Models Originally Equipped With 883cc or 1200cc Engines | 1200 Custom, 1200 Custom Anniversary Edition, Forty-Eight, Seventy-Two, XL 1200 Custom, Iron 883, Superlow, Nighster, 1200 Low, XL 883 L, XL 883 N, XL1200 C, Custom, XL1200 L, Lowrider, XL1200 N, XL 1200 X, XL 1200-50A, XL 883, XL 883 L, XL 883 C, XL883 R, 883 N, XL1200 R, Night, Sport, Custom Anniversary, Lowrider Anniversary |
| *Will not fit touring bikes with glove box or radiator installed in lower fairing | | |