

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-355-14

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

S&S Cycle, Inc.  
Original Equipment Specifications Gear Drive Camshafts  
Part Numbers 106-4033 or 106-4385

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 Original Equipment Specifications Gear Drive Camshafts, 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 Original Equipment Specifications Gear Drive Camshafts, designed to convert a factory chain driven camshaft to a gear driven camshaft, includes the following main parts: Part Number 106-4033, two factory replacement camshafts, inner and outer cam drive gears, pinion shaft gear, and inner and outer camshaft bearings, part number 106-4385 includes the camshafts and inner drive gear only.

This Executive Order is valid provided that the installation instructions for the Original Equipment Specifications Gear Drive Camshafts will not recommend tuning the motorcycle to specifications different from those of the S&S Cycle, Inc.

Changes made to the design or operating conditions of the Original Equipment Specifications Gear Drive Camshafts, 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 an engineering evaluation and information supplied by S&S Cycle, Inc. on the Original Equipment Specifications Gear Drive Camshafts. Comparisons made between the stock and modified parts, demonstrated that the new camshafts retain the stock lift and duration, and S&S Cycle, Inc. claims the Original Equipment Specifications Gear Drive Camshafts is a more durable part due to the design which eliminates the plastic shoe ring on the chain tensioner.

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 ORIGINAL EQUIPMENT SPECIFICATIONS GEAR DRIVE CAMSHAFTS.

Marketing of the Original Equipment Specifications Gear Drive Camshafts using any identification other than that shown in this Executive Order or marketing of the Original Equipment Specifications Gear Drive Camshafts 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 2 day of January 2015.



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

# Exhibit A

S&S Gear Drive Cam Kit PN Application List		
Gear Drive Cam kit	Motorcycle Application	
	Make	Model List
PN 106-4033: Gear Drive Cam kit, complete kit, "OES" cam grind	All 1999-2006 Harley-Davidson® Touring Models Originally Equipped With 1449cc Engines, except 1999-03 Fuel Injected Models	FLHP, FLHPEI, FLHPI, FLHR, FLHRCI, FLHRI, FLHRI-Shrine, FLHRSEI, FLHRSEI2, FLHRSI, FLHT, FLHTC, FLHTCI, FLHTCI-Shrine, FLHTCS, FLHTCSE2, FLHTCSEI, FLHTCUI, FLHTCUI-Shrine, FLHTCUSE, FLHTI, FLHTPI, FLHXI, FLTHCUI, FLTRI, FLTRSEI, FLTRSEI2
	All 1999-2005 Harley-Davidson® Dyna Models Originally Equipped With 1449cc engines	FXD, FXDC-A, FXDI, FXDL, FXDLI, FXDP, FXDS, FXDWG, FXDWG2, FXDWG3, FXDWGI, FXDX, FXDXI, FXDXT, FXFS
PN 106-4385: Gear Drive Cams, Cams with inner Gears only, "OES" cam grind	All 1999-2006 Harley-Davidson® Softail Models Originally Equipped With 1449cc engines	FLSTCI, FLSTCI-A, FLSTFI, FLSTFI-A, FLSTNI, FLSTSCI, FLSTSI, FLSTSI-A, FXSI, FXST, FXSTB, FXSTBI, FXSTD, FXSTDE, FXSTDI, FXSTDI-A, FXSTDSE, FXSTDSE2, FXSTI, FXSTNI, FXSTS, FXSTSI

