CALIFORNIA AIR RESOURCES BOARD

CALIFORNIA AIR RESOURCES BOARD

EXECUTIVE ORDER K-010-34

Relating to Exemptions of Aftermarket Critical Emission Control Parts for Highway Motorcycles under Sections 27156 and 38391 of the Vehicle Code

S & S Cycle, Inc.
Sidewinder 2–1

WHEREAS, Pursuant to the authority vested in the California Air Resources Board (CARB) by Sections 27156 and 38391of the Vehicle Code and Title 13, California Code of Regulations (hereafter "CCR") Section 2222(j); and

WHEREAS, S & S Cycle, Inc. (S & S) has applied to CARB for an exemption from the prohibitions of Vehicle Code sections 27156 and 38391 to market its Sidewinder 2–1 for 2007 to 2023 model-year (MY) Harley-Davidson Touring excluding Trike model on-highway motorcycles; and

WHEREAS, Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: That the installation of the Sidewinder 2–1 produced and marketed by S & S, 14025 County Highway G, Viola, Wisconsin, 54664 has been found not to reduce the effectiveness of the applicable vehicle pollution control systems or to cause the vehicle emissions to exceed applicable emission standards, and is therefore exempt from the prohibitions of Sections 27156 and 38391of the Vehicle Code for the 2007 to 2023 MY Harley-Davidson Touring excluding Trike model on-highway motorcycles as listed in Exhibit A.

The S & S Sidewinder 2–1 is designed to work with the stock motorcycle's electronic control module and sensors system that decreases restrictions in the exhaust system to maximize vehicle performance and efficiency. All other emission-related components are in stock location.

This Executive Order is granted based on submitted test data from S&S on a 2019 MY Harley-Davidson Ultra Limited model 1868cc with engine family KHDXC1.92AEF. The durability and emissions test data were used to evaluate the S&S Sidewinder 2–1. Test results showed that the Sidewinder 2–1, when installed on the vehicle, did not cause the exhaust emissions to exceed the applicable emission standards during the Cold Start Federal Test Procedure.

BE IT FURTHER RESOLVED: That S & S has submitted materials demonstrating compliance with the emissions defects warranty requirements of section (c)(2) of the "California Evaluation Procedures for Aftermarket Critical Emission Control Parts on Highway Motorcycles."

BE IT FURTHER RESOLVED: That S & S must permanently identify its exempted aftermarket critical emission control part by direct stamping or welded embossed plate as required under section (c)(3) of the “California Evaluation Procedures for Aftermarket Critical Emission Control Parts on Highway Motorcycles.”

BE IT FURTHER RESOLVED: That S & S must retain records as required by section (c)(2)(D) of the “California Evaluation Procedures for Aftermarket Critical Emission Control Parts on Highway Motorcycles,” and to report warranty claim records for each part covered by this Executive Order, as required by section (c)(6) of said procedures.

BE IT FURTHER RESOLVED: That S & S must submit production reports for the exempted aftermarket critical emission control part as required by section (c)(5)(A) of the “California Evaluation Procedures for Aftermarket Critical Emission Control Parts on Highway Motorcycles.”

BE IT FURTHER RESOLVED: That S & S may be subjected to inspection and audit testing pursuant to section (c)(5)(B) of the “California Evaluation Procedures for Aftermarket Critical Emission Control Parts on Highway Motorcycles.”

This Executive Order is valid provided that the installation instructions for the S & S will not recommend tuning the vehicle to specifications different from those submitted by S & S.

Changes made to the design or operating conditions of the devices, as exempted by CARB, that adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of these devices using any identification other than that shown in this Executive Order or marketing of this device for an application other than those specified in this Executive Order shall be prohibited unless prior approval is obtained from CARB.

This Executive Order does not constitute any opinion as to the effect the use of the Sidewinder 2–1 may have on any warranty, either expressed or implied by the vehicle manufacturer; or compliance with any other state, federal, or local law, such as safety equipment requirements or noise limitations.

The aftermarket critical emission control part exempted under this Executive Order must conform to all applicable California emission regulations. This exemption does not constitute an exemption to sell, offer for sale, or advertise any components of the Sidewinder 2–1 as individual device.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a 30-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 30 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 on this 22nd day of January 2024.

Robin U. Lang, Chief
Emissions Certification and Compliance Division

Exhibit A

Device Name	Part Number	Model Years	Make	Model	Engine Displacement	Engine Family
Sidewinder 2-1	550-0771B (Chrome), 550-0772B (Black)	2007-2016	Harley-Davidson	Touring Models (Excluding Trike Models)	1584cc 1688cc 1802cc	7HDXC1.80AEC 8HDXC1.80AEC 8HDXC1.68AED 9HDXC1.68AED 9HDXC1.80AED AHDXC1.80AED BHDXC1.80AED CHDXC1.80AED DHDXC1.80AED EHDXC1.80AED EHDXC1.80AEF FHDXC1.80AEF FHDXC1.80AED GHDXC1.80AED GHDXC1.80AEF
Sidewinder 2-1	550-0758D (Chrome), 550-0759D (Black), 550-1086 (Lava Chrome)	2017-2023	Harley-Davidson	Touring Models (Excluding Trike Models)	1746cc 1868cc 1923cc	HHDXC1.75AED HHDXC1.87AEF JHDXC1.75AED JHDXC1.92AEF JHDXC1.92AED KHDXC1.75AED KHDXC1.92AED KHDXC1.92AEF LHDXC1.75AED LHDXC1.92AED LHDXC1.92AEF MHDXC1.87AED MHDXC1.92AED MHDXC1.92AEF NHDXC1.87AED NHDXC1.92AED NHDXC1.92AEF PHDXC1.87AED PHDXC1.92AED PHDXC1.92AEF

Part numbers with a "0771B", “0758D” suffix have a chrome finish.
Part numbers with a "0772B", “0759D” suffix have a black finish.
Part numbers with a "1086” suffix have a lava chrome finish.