CALIFORNIA
AIR RESOURCES BOARD

EXECUTIVE ORDER K-009-4

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

Piaggio & C. S.p.A
ARW1 Catalytic Muffler

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

WHEREAS, Piaggio & C. S.p.A has applied to California Air Resources Board for an exemption from the prohibitions of Vehicle Code sections 27156 and 38391 to market its ARW1 Catalytic Muffler for the 2023 model year (MY) Vespa model on-highway motorcycles listed in Exhibit A; 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 ARW1 Catalytic Muffler produced and marketed by Piaggio & C. S.p.A, Viale R. Piaggio, 25, Pontedera, PI, Italy, 56025 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 38391 of the Vehicle Code for the 2023 MY Vespa 278cc model on-highway motorcycles listed in Exhibit A.

The Piaggio & C. S.p.A ARW1 Catalytic Muffler is a direct replacement, slip-on, catalyst equipped muffler. The device is designed to work with the stock motorcycle's electronic control module and sensors in a closed-loop 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 test results from Piaggio & C. S.p.A on a 2023 MY Vespa GTS 300 278cc model with engine family PPVMC.278MD3. The durability and emissions test data were used to evaluate the ARW1 Catalytic Muffler showing that the device, when installed on the vehicle, did not cause the exhaust emissions to exceed the applicable emission standards during the Cold Start Federal Test Procedure and during the Evaporative Emissions SHED Test Procedure.

BE IT FURTHER RESOLVED: That Piaggio & C. S.p.A 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 Piaggio & C. S.p.A 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 Piaggio & C. S.p.A 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 Piaggio & C. S.p.A 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 Piaggio & C. S.p.A 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 Piaggio & C. S.p.A will not recommend tuning the vehicle to specifications different from those submitted by Piaggio & C. S.p.A.

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

Marketing of this device 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 California Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of this device 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 ARW1 Catalytic Muffler 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 18th day of April 2023.

Robin U. Lang

Robin U. Lang, Chief
Emissions Certification and Compliance Division

Exhibit A

Part Number	Model Year	Model	Engine Family	Engine Size
1A024167	2023	Vespa GTS 300 Vespa GTS Super 300 Vespa GTS Supersport 300 Vespa GTS Supertech 300	PPVMC.278MD3	278cc