CALIFORNIA
AIR RESOURCES BOARD

EXECUTIVE ORDER D-231-77

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Whipple Superchargers
Whipple Supercharger

Pursuant to the authority vested in the California 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-19-095;

IT IS ORDERED AND RESOLVED: That installation of the Whipple Supercharger, manufactured and marketed by Whipple Superchargers, 3292 North Weber Avenue Fresno, California 93722, and marketed by Whipple Superchargers, Ford Performance, Tuscany, Saleen, and Shelby, 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 vehicle applications listed in Exhibit A.

The Whipple Supercharger is offered as Stage 1 and Stage 2 kits. The Stage 2 kit uses different pulley sizes to increase boost and may include a larger throttle body (see Exhibit A for details). The Whipple Supercharger for the 2011 to 2014 model year 5.0L trucks consists of the following main components: A 3.0L twin screw supercharger, intercooler, open element air cleaner, air intake tubing from air cleaner to throttle body, intake manifold, bypass valve, high flow injectors, optional 132mm or 150mm mono-blade throttle body (Stage 2 kit only), and a reflashed ECM. Boost is limited to 13 pounds per square inch. Installation does not require any modification to the stock coolant thermostat. All supplied fuel hoses are either Avon's CADbar 9000 series or a stock factory replacement, and fuel and vapor line connectors supplied with the kit are OEM equivalent parts. Breather hoses may be replaced with an SAE30R9 rated hose. Premium only label included for inside of fuel door.

The Whipple Supercharger for the 2015 to 2017 model year 5.0L trucks consists of the following main components: A 3.0L or a 3.2L twin screw supercharger, intercooler, new air box, lid, and panel air filter, air intake tubing from air cleaner to throttle body, intake manifold, bypass valve, high flow injectors, optional 132mm or 150mm mono-blade throttle body (Stage 2 kit only), and a reflashed ECM. Boost is limited to 13 pounds per square inch. Installation does not require any modification to the stock coolant thermostat. All supplied fuel hoses are either Avon's CADbar 9000 series or a stock factory replacement, and fuel and vapor line connectors supplied with the kit are OEM equivalent parts. Breather hoses may be replaced with an SAE30R9 rated hose. Premium only label included for inside of fuel door.

The Whipple Supercharger for the 2018 to 2022 model year 5.0L trucks and 2020 to 2022 model year 7.3L trucks consists of the following main components: A 3.0L or a 3.2L twin screw supercharger, intercooler, new air cleaner lid with stock hydrocarbon absorber heat staked in a stock location and orientation, new air box and panel air filter, and a new air intake tube from air cleaner to the throttle body, intake manifold, bypass valve, high flow injectors, optional 132mm or 150mm mono-blade throttle body (Stage 2 kit only), and a reflashed ECM. Boost is limited to 13 pounds per square inch. Installation does not

require any modification to the stock coolant thermostat. All supplied fuel hoses are either Avon's CADbar 9000 series or a stock factory replacement, and fuel and vapor line connectors supplied with the kit are OEM equivalent parts. Breather hoses may be replaced with an SAE30R9 rated hose. Premium only label included for inside of fuel door.

The Whipple Supercharger for the 2011 to 2022 model year 6.2L trucks consists of the following main components: A 2.9L twin screw supercharger, intercooler, open element air cleaner, air intake tubing, mass air flow sensor housing using stock mass air flow sensor element, intake manifold, bypass valve, high flow injectors, optional dual blade 68mm throttle body, and a reflashed ECM. Boost is limited to 10 pounds per square inch. Installation does not require any modification to the stock coolant thermostat. All supplied fuel hoses are either Avon's CADbar 9000 series or a stock factory replacement, and fuel and vapor line connectors supplied with the kit are OEM equivalent parts. Breather hoses may be replaced with an SAE30R9 rated hose. Premium only label included for inside of fuel door.

This Executive Order is valid provided that the installation instructions for the Whipple Supercharger will not recommend tuning the vehicle to specifications different from those specified by Whipple Superchargers.

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

This Executive Order shall not apply to any Whipple Supercharger 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 Whipple Supercharger using any identification other than those shown in this Executive Order or marketing of the Whipple Supercharger for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the California Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the Whipple Supercharger 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.

Exemption of the Whipple Supercharger shall not be construed as an exemption to sell, offer for sale, or advertise any component of the assembly as individual devices.

This Executive Order is granted based on information submitted by Whipple Superchargers, including emissions test data.

The California 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 CALIFORNIA AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE WHIPPLE SUPERCHARGER.

No claim of any kind, such as "Approved by the California 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 on this 8th day of April 2022.

Allen Lyons, Chief
Emissions Certification and Compliance Division

Exhibit A

Supercharger Marketed by Whipple Superchargers as Whipple Supercharger

PART NUMBER	MODEL YEARS	MODEL	ENGINE SIZE	KIT	SC* SIZE	SC* PULLEY
WK-2310B	2011-2014	F150	5.0L	Stage 1	3.0L	3.625, 3.750, 3.875, 4.00
WK-2311B-STG1-30	2015-2017	F150	5.0L	Stage 1	3.0L	3.625, 3.750, 3.875, 4.00
WK-2311B-STG2-30	2015-2017	F150	5.0L	Stage 2	3.0L	3.625, 3.750, 3.875, 4.00
WK-2311B-STG1-32	2015-2017	F150	5.0L	Stage 1	3.2L	3.750, 3.875, 4.00, 4.125
WK-2311B-STG2-32	2015-2017	F150	5.0L	Stage 2	3.2L	3.750, 3.875, 4.00, 4.125
WK-2315B-STG1-30	2018-2020	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.00, 4.125
WK-2315B-STG2-30	2018-2020	F150	5.0L	Stage 2	3.0L	3.625, 3.750, 3.875, 4.00
WK-2315B-STG1-32	2018-2020	F150	5.0L	Stage 1	3.2L	3.750, 3.875, 4.00, 4.125
WK-2315B-STG2-32	2018-2020	F150	5.0L	Stage 2	3.2L	3.750, 3.875, 4.00, 4.125
WK-2316B-STG1-30	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.00, 4.125
WK-2316B-STG1R-30	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.00, 4.125
WK-2316B-STG2-30	2021-2022	F150	5.0L	Stage 2	3.0L	3.625, 3.750, 3.875, 4.00
WK-2316B-STG1-30D	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.00, 4.125
WK-2316B-STG1R-30D	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.00, 4.125
WK-2316B-STG2-30D	2021-2022	F150	5.0L	Stage 2	3.0L	3.625, 3.750, 3.875, 4.00
WK-2316B-STG1-32	2021-2022	F150	5.0L	Stage 1	3.2L	3.750, 3.875, 4.00, 4.125
WK-2316B-STG1R-32	2021-2022	F150	5.0L	Stage 1	3.2L	3.750, 3.875, 4.00, 4.125
WK-2316B-STG2-32	2021-2022	F150	5.0L	Stage 2	3.2L	3.750, 3.875, 4.00, 4.125
WK-2316B-STG1-32D	2021-2022	F150	5.0L	Stage 1	3.2L	3.750, 3.875, 4.00, 4.125
WK-2316B-STG1R-32D	2021-2022	F150	5.0L	Stage 1	3.2L	3.750, 3.875, 4.00, 4.125
WK-2316B-STG2-32D	2021-2022	F150	5.0L	Stage 2	3.2L	3.750, 3.875, 4.00, 4.125
WK-2330-STG1	2015-2022	F250, F350	6.2L	Stage 1	2.9L	3.375, 3.50, 3.625, 3.750
WK-2330-STG2	2015-2022	F250, F350	6.2L	Stage 2	2.9L	3.375, 3.50, 3.625, 3.750
WK-2330-STG1	2011-2022	F350 Cab Chassis	6.2L	Stage 1	2.9L	3.375, 3.50, 3.625, 3.750
WK-2330-STG2	2011-2022	F350 Cab Chassis	6.2L	Stage 2	2.9L	3.375, 3.50, 3.625, 3.750
WK-2340-STG1-30	2020-2022	F250, F350	7.3L	Stage 1	3.0L	3.250, 3.375, 3.50, 3.625
WK-2340-STG2-30	2020-2022	F250, F350	7.3L	Stage 2	3.0L	3.250, 3.375, 3.50, 3.625
WK-2340-STG1-32	2020-2022	F250, F350	7.3L	Stage 1	3.2L	3.250, 3.375, 3.50, 3.625
WK-2340-STG2-32	2020-2022	F250, F350	7.3L	Stage 2	3.2L	3.250, 3.375, 3.50, 3.625

Supercharger Marketed by Ford Performance as Ford Performance Supercharger

PART NUMBER	MODEL YEARS	MODEL	ENGINE SIZE	KIT	SC* SIZE	SC* PULLEY DIAMETER
M-6066-F150SCA	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.000
M-6066-F150SCB	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.000

B at the end of the part number indicates the vehicle is equipped with dual alternators from Ford.

Exhibit A (Continued)

Supercharger Marketed by Shelby and Tuscany as Shelby Supercharger By Whipple

PART NUMBER	MODEL YEARS	MODEL	ENGINE SIZE	KIT	SC* SIZE	SC* PULLEY DIAMETER
WK-2316-TUS-S130	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.000
WK-2316-TUS-S1R30	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.000
WK-2316-TUS-S230	2021-2022	F150	5.0L	Stage 2	3.0L	3.750, 3.875, 4.000
WK-2316-TUS-S130D	2021-2022	F150	5.0L	Stage 2	3.0L	3.750, 3.875, 4.000
WK-2316-TUS-S1R30D	2021-2022	F150	5.0L	Stage 2	3.0L	3.750, 3.875, 4.000
WK-2316-TUS-S230D	2021-2022	F150	5.0L	Stage 2	3.0L	3.750, 3.875, 4.000
WK-2316-TUS-S132	2021-2022	F150	5.0L	Stage 1	3.2L	3.875, 4.000, 4.125
WK-2316-TUS-S1R32	2021-2022	F150	5.0L	Stage 1	3.2L	3.875, 4.000, 4.125
WK-2316-TUS-S232	2021-2022	F150	5.0L	Stage 2	3.2L	3.875, 4.000, 4.125
WK-2316-TUS-S132D	2021-2022	F150	5.0L	Stage 2	3.2L	3.875, 4.000, 4.125
WK-2316-TUS-S1R32D	2021-2022	F150	5.0L	Stage 2	3.2L	3.875, 4.000, 4.125
WK-2316-TUS-S232D	2021-2022	F150	5.0L	Stage 2	3.2L	3.875, 4.000, 4.125

Supercharger Marketed by Saleen as Saleen Supercharger By Whipple

PART NUMBER	MODEL YEARS	MODEL	ENGINE SIZE	KIT	SC* SIZE	SC* PULLEY DIAMETER
WK-2316-SAL-S130	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.000
WK-2316-SAL-S1R30	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.000
WK-2316-SAL-S230	2021-2022	F150	5.0L	Stage 2	3.0L	3.750, 3.875, 4.000
WK-2316-SAL-S130D	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.000
WK-2316-SAL-S1R30D	2021-2022	F150	5.0L	Stage 1	3.0L	3.750, 3.875, 4.000
WK-2316-SAL-S230D	2021-2022	F150	5.0L	Stage 2	3.0L	3.750, 3.875, 4.000
WK-2316-SAL-S132	2021-2022	F150	5.0L	Stage 1	3.2L	3.875, 4.000, 4.125
WK-2316-SAL-S1R32	2021-2022	F150	5.0L	Stage 1	3.2L	3.875, 4.000, 4.125
WK-2316-SAL-S232	2021-2022	F150	5.0L	Stage 2	3.2L	3.875, 4.000, 4.125
WK-2316-SAL-S132D	2021-2022	F150	5.0L	Stage 1	3.2L	3.875, 4.000, 4.125
WK-2316-SAL-S1R32D	2021-2022	F150	5.0L	Stage 1	3.2L	3.875, 4.000, 4.125
WK-2316-SAL-S232D	2021-2022	F150	5.0L	Stage 2	3.2L	3.875, 4.000, 4.125

*SC-Supercharger
D at the end of the part number indicates the vehicle is equipped stock with dual alternators from Ford.
R in the part number indicates the kit does not include the larger throttle body and retains the stock throttle body

NFT added to the end of any part number indicate kits that do not include a flash tool
W added to any part number indicates powertrain warranty version

All part numbers with NFT and/or W added are part of this Exhibit A