E.C. Rock

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-27-20
Relating to Certification of New Motor Vehicle Engines

MACK TRUCKS, INC.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Mack Trucks, Inc. 1978 model-year diesel-powered engines in heavy-duty motor vehicles with manufacturer's gross vehicle weight rating greater than 8500 pounds are certified for the engine family, codes and models described below:

Family	Engine Size (CID)	Type
3C	672	Inline six-turbocharged

Models and Engine Codes as listed in attachment.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following recommended values:

Engine Family	HC + NOx gm/bhp-hr	CO gm/bhp-hr	HC gm/bhp-hr	NOx gm/bhp-hr
3C	Not applicable	2	0.5	6.9

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 3 day of February, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL ENGINES

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Engine Family 3C Engine (CID) 672

Emission Control Systems ASPL* Type Inline six-turbocharged

Engine Model	Fuel Injection Pump Mfgr. Part Number	Injector Mfg. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP	Basic Initial Timing
ETY(B)675	Robert Bosch 313GCA-5121-P22 American Bosch (opt.) 313GCA-5107P4	Robert Bosch 114GC222-P9 American Bosch (opt.) 114GCHL-122493	235 Hp @ 2100 RPM	132.8 (1)	16° BTDC
ETY(B)673E	Robert Bosch 313GCA-5121-P24		200 Hp @ 2100 RPM	115.8 (1)	18 °BTDC

Comments

(1) Cubic millimeters per stroke

*Acceleration Smoke Puff Limiter

Date of Issue

Engine Model ETY(B)673E per running change No. 1978-3C-1.

Abbreviations

Type

NA - Natural Aspiration

TC - Turbocharged

TCA- Turbocharged and Aftercooled

Emission Control Systems

AC - Aftercooler

EGR - Exhaust Gas Recirculation

TD - Throttle Delay