State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-27-11
Relating to Certification of New Motor Vehicle Engines

MACK TRUCK, INC.

Pursuant to the authority vested in the Air Resources Board by Sections 43100 and 43102 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 Truck, Inc. 1976 model-year diesel-powered engines in heavy-duty vehicles are certified for the engine family described below:

Engine Family	Engine Size CID	Engine Model	Type
8	998	Maxidyne ETZ(B)1005	V-8 - Turbocharger

Section 43200, Part I, 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 following are the recommended values to be listed on the decal:

Engine Family	$HC + NO_2$ gm/bhp-hr	CO gm/bhp-hr	HC gm/bhp-hr	NO_2 gm/bhp-hr
8	8	1	Not Applicable	Not Applicable

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 1st day of September, 1976.

G C Hass by R D Bacham

G. C. Hass, Chief
Division of Vehicle Emissions Control

1976 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL ENGINES

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Engine Family 8 Engine (CID) 998

Emission Control Systems Type TC

Engine Model	Fuel Pump Mfgr. Part Number	Injector Mfg. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP	Basic Initial Timing
Maxidyne ETZ(B) 1005	American Bosch 313GCA 5125-P4	American Bosch T14GC 39-P3	353.5 HP @ 2100	152.6 mm^3/stroke 142.9lbs/hr	18°BTDC(b) Static
ETZ (B)1005A (a)			360 HP @ 1800		18° BTDC

Comments Complete Fuel System Assembly Part Number including pump, nozzles, and holders - 313GCA-5125-P3

Date of Issue September 2, 1976: (a) 1976-8-1 030177 (b) 1976-8-2 030177

Abbreviation
Type
NA - Natural Aspiration
TC - Turbocharged
TCA- Turbocharged and Aftercooled