

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-27-37
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 the following Mack Trucks, Inc., 1982 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
13	672 (11)	Acceleration Smoke Puff Limiter Charge Air Cooled Turbocharged

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u>
13	0.5	2	5.7

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 27th day of January, 1982.

K. D. Drachand
K. D. Drachand, Chief *KDW*
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer Mack Trucks, Inc.

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Engine Family 13 CID(Liter)-Type 672 (11) - In-Line 6

ECS(Special Features) (Acceleration Smoke Puff Limiter, Turbocharged, Charge Air Cooled)

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm ³ /stroke	Label Ident.
EC6-350	American Bosch 313GCA 5135-P30	American Bosch 114GC 39-P1	350 @ 1950	197.9	EC6-350
(1) EC6-350R	313GC5153-P22		350 @ 1800	205.5	EC6-350R
EMC6-300(2)	313GC5154-P14 313GC5154-P16*	114GC39-P1	300 @ 2100	176.8	EMC6-300
EMC6-300R(2)	313GC5154-P18	114GC39-P1	300 @ 1700	195.4	EMC6-300R
* Road speed governor pump no.					

Date of Issue - 012782

- (1) Added per Running Change 1982-13-4 (with 39-inch injection lines) 062182.
(2) Added per Request No. 1982-13-7 dated 093082.