State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-27-7-B
Relating to Approval of New Motor Vehicles

MACK TRUCKS, INC.

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That Mack Trucks, Inc. 1975 model year diesel-powered engines in heavy-duty motor vehicles are approved for the engine family described below:

| Engine Family | Engine Size CID | Engine Model | Type |
|---|---|---|---|
| 3C | 672 | ENDT(B)675C | 6 cylinder Inlined Turbocharged |

Section 39152, 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 | Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour | Carbon Monoxide grams/brake horsepower-hour |
|---|---|---|
| 3C | 10 | 2 |

Vehicles approved 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.

Executive Order A-27-7-A dated February 18, 1975 is hereby rescinded.

Executed at El Monte, California, this 1 day of May, 1975.

G. C. Hass

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

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR
HEAVY-DUTY DIESEL ENGINES

MANUFACTURER: MACK TRUCKS, INC.

EXECUTIVE ORDER NO. A-27-7-B



| Engine Family | Engine Models | Engine CID | Method of Aspiration * | Fuel Pump Mfgr. Part No. | Injectors Mfgr. Part No. | Tune-up Specification H.P. and RPM | Tune-up Specification Initial Injection Timing | Tune-up Specification Fuel Rate | Remarks (Emission System) |
|---|---|---|---|---|---|---|---|---|---|
| 3C | ENDT(B)675C | 672 | T.C. | American BOSCH 313GC5103 -P3 or Robert Bosch 313GC5107 -P2 | American BOSCH 736GB 250-P4 or Robert Bosch 736GB 254-P3 | 235 H.P. at 2100 RPM | Robert BOSCH 19° BTDC American Bosch 18° BTDC zero RPM | Robert BOSCH 95.8 lbs/hr American Bosch 96.5 lbs/hr | Acceleration smoke puff limiter |

Abbreviations:

*N.A. - Natural Aspiration.
T.C. - Turbocharged.
T.C.A.- Turbocharged and Aftercooled.

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR
HEAVY-DUTY DIESEL ENGINES

1975-3C-3 (Rev. 8/13/75)

MANUFACTURER: Mack Trucks, Inc

EXECUTIVE ORDER NO. A-27-7-B



| Engine Family | Engine Models | Engine CID | Method of Aspiration * | Fuel Pump Mfgr. Part No. | Injectors Mfgr. Part No. | Tune-up Specification H.P. and RPM | Tune-up Specification Initial Injection Timing | Tune-up Specification Fuel Rate | Remarks (Emission System) |
|---|---|---|---|---|---|---|---|---|---|
| 3C | ENDT(B)675C | 672 | T.C. | American Bosch 313 GCA 5103P5[1]<br>313GCA 5110P[1]<br>313GCA 5103P6[2]<br>313GCA 5110P2[2]<br>Robert Bosch 313GCA 5107P1[1]<br>313GCA 5107P2[2] | American Bosch 114GC 39P7<br>Robert Bosch 114GC 222P2 | 235 H.P. at 2100RPM | American Bosch 18°BTDC Static<br>Robert Bosch 19°BTDC Static | American Bosch 96.5 lbs/hr<br>Robert Bosch 95.8 lbs/hr | Acceleration Smoke puff limiter |

Abbreviations:

*N.A. - Natural Aspiration.
T.C. - Turbocharged.
T.C.A.- Turbocharged and Aftercooled.

Fuel Pump
1) Complete fuel injection system assembly part number including pump, nozzles and holders
2) Pump part number