

MACK ENGINE MODEL IDENTIFICATION

The MACK Engine Unit Symbol Designation System is designed to provide total unit descriptive identification through a combination of prefix letters and numbers, digits, and suffix letters as applicable. Effective April 1, 1980, a unit symbol designation based on engine horsepower replaced the unit symbol designation based on engine displacement

Prefix Letters and Numbers

1st Alpha/Numeric Character
 E - MACK Turbocharged Diesel Engine
 (Complies with U.S. Federal 49
 State Emissions Regulations)

2nd Alpha/Numeric Character
 M - Maxidyne Engine
 (High Torque Rise)

 Not Used - Standard Torque Rise
 Engines

3rd Alpha/Numeric Character
 C - Complies with California Emis-
 sions Regulations
 N - Export Engine (Equipped for
 Countries with no Emission Reg-
 ulations
 E - Export Engine (Complies with
 EEC Certification or BSAU-141A
 Certification)

4th Alpha/Numeric Character Engine
 Family
 4 - Engine Displacement, 475 cu.in.
 6 - Engine Displacement, 672 cu.in.
 9 - Engine Displacement, 998 cu.in.

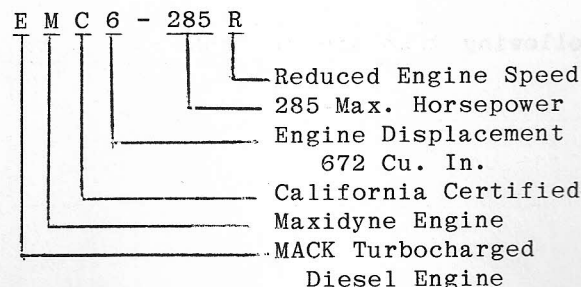
Digits

Three (3) numbers designate maximum engine horsepower.

Suffix Letter

R - Reduced speed version of Basic Engine.

Example of Designation System



Engine Designation Prior to April 1, 1980

Prefix Letters

E - Mack Diesel Engine
 D - Derated Version of Engine
 T - Turbocharged
 A - Aftercooled
 B - Mack Dynatard Engine Brake
 Z - Maximum 10 grams per bhp-hr. emissions level. Certified in California 1975 through 1976; and, Federal (remaining states) 1975 through 1979.
 Y - Maximum 5 grams per bhp-hr., or the next lower level under the 10 gram per bhp-hr. emissions level. (Certified in California Beginning 1977.)

Digits

(Approximate Cubic Inch Displacement)

Three or four digits are used as required. With the exception of the ETA676 engines, all Maxidyne engines can be readily identified by the last digit number "5".

Suffix Letter

(Variation of Basic Unit, or Obsolete Emissions Standard)

Suffix letters are used to indicate variations of the basic engine requiring identification (i.e., up-rating or major component changes).

NOTE

Suffix letter "C" (discontinued symbol) indicated engines built during 1975 and 1976 for use in California. (Maximum 10 grams per bhp-hr. emissions level.)

