

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-42-16
Relating to Certification of New Motor Vehicle Engines

WHITE ENGINES, 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 White Engines, Inc. 1985 model-year heavy-duty diesel engines have shown compliance with the optional transient standards and 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>
FWE03.7ECC9	226	(3.7)	Exhaust Gas Recirculation (Diesel Injection - Direct) (Turbocharger)

Engine models and codes are listed on attachments.

The following are the certification emission values for these engine families:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
FWE03.7ECC9	1.0	4.2	4.4

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).

WHITE ENGINES, INC.

EXECUTIVE ORDER A-42-16
(Page 2 of 2)

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.

Executed at El Monte, California this 16th day of January, 1985.



K. D. Drachand, Chief
Mobile Source Division

Manufacturer White Engine, Inc. Executive Order No. A-42-16
 Engine Family FWE03.7ECC9 Evaporative Family n/a
 Engine CID (Liters) 226 (3.7) I4

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance
 Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
 AIV-Air Injection-Valve
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst System
 TR-Thermal Reactor
 TWC-Three-Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

MODELS:

DT3.7HP

DRIVE SYSTEM: n/a Engine/ n/a -Wheel Drive

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINESManufacturer White Engine, Inc. Page 2Engine Family FWE03.7ECC9 CID(Liter)-Type 226 (3.7) I4ECS and (Special Features) EGR (DID, TC)

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.
DT3.7HP	Stanadyne DB2433 <u>Turbocharger</u> AiResearch TA-3104 <u>EGR</u>	Stanadyne RAA26217 or 27615	70@2600 <u>Torque</u> 175 ft lbs @ 1600 RPM	51.8 56.4	

Date of Issue - 01/09/85