

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-132-4  
Relating to Certification of New Motor Vehicle Engines

M.A.N.  
MASCHINENFABRIK AUGSBURG-NURNBERG AG

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 M.A.N. Maschinenfabrik Augsburg-Nurnberg AG 1985 model-year 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>
FMA11.4FPA6	696 (11.4)	(Diesel Injection - Direct) (Intercooler) (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>
FMA11.4FPA6	0.5	3.4	3.9

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).

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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 13<sup>th</sup> day of April, 1985.



K. D. Drachand, Chief  
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINESManufacturer M.A.N. MASCHINENFABRIK AUGSBURG-NÜRNBERG Page 1Engine Family FMA11.4FPA6 CID(Liter)-Type 696 (11.4) I6ECS and (Special Features) (DID; IC, TC)

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm <sup>3</sup> /stroke	Label Ident.
D 2566 MLUM/CA	Robert Bosch PES 6 P 120 A 720 LS 388	Robert Bosch DLLA 31 S 915	305	166	-0090 + EPA-label
D 2566 MLH/CA	PES 6 P 120 A 720 LS 388	DLLA 31 S 915	305	166	-0114 + EPA-label
D 2566 MLUH/CA	PES 6 P 120 A 720 LS 388	DLLA 31 S 915	260	143	-0113 +EPA-label

Date of Issue -