State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-219

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

DAIMLERCHRYSLER AG

Pursuant to the authority vested in the Air Resources Board at Sections 43100, 43101, and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned at Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following engine and emission control system produced by the manufacturer are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Model Year: 2001

Fuel Type: Diesel

Engine Family	Displacement Liters	Displacement Cubic Inches	Exhaust Emission Control Systems and Special Features
1MBXH6.37DJA	6.4	381	Turbocharger Charge Air Cooler Electronic Control Module Direct Diesel Injection

Engine models and codes are listed on attachments.

BE IT ORDERED AND RESOLVED: That the following are the certification exhaust emission standards (Title 13, California Code of Regulations, Section 1956.8) and certification exhaust emission values for this engine family in grams per brake horsepower-hour under the Federal Test Procedure ("FTP"):

	Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulate Matter
Standard	1.3	15.5	4.0	0.10
Certification	0.3	1.6	3.8	0.09

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Sections 2035 et seq.).

BE IT FURTHER RESOLVED: That the listed vehicle models comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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 attachments.

Executed at El Monte, California this 29th day of January 2001.

R. B. Summerfield, Chief
Mobile Source Operations Division

ATTCHMENT C

LARGE ENGINE MODEL SUMMARY

11/28/00

A-3-219

Manufacturer: **DaimlerChrysler AG**

Process Code: **New Submission**

EPA Engine Family: **1MBXH6.37DJA**

Manufacturer Family Name: **NA**

1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
I	OM 906 LA	280 @ 2300	132	100.7	800 @ 1400	156	72.3	TC, ECM, CAC
II	OM 906 LA	260 @ 2300	122	93.1	700 @ 1400	134	62.2	TC, ECM, CAC
III	OM 906 LA	230 @ 2300	108	82.5	660 @ 1400	128	59.2	TC, ECM, CAC
IV	OM 906 LA	250 @ 2300	122	92.8	660 @ 1400	124	57.4	TC, ECM, CAC
V	OM 906 LA	210 @ 2300	98	74.7	605 @ 1400	115	53.1	TC, ECM, CAC
VI	OM 906 LA	210 @ 2300	99	74.8	520 @ 1400	99	46.1	TC, ECM, CAC
VII	OM 906 LA	190 @ 2300	92	69.6	520 @ 1400	100	46.4	TC, ECM, CAC
VIII	OM 906 LA	300 @ 2300	145	109.9	860 @ 1400	173	79.9	TC, ECM, CAC

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