State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-198

Relating to Certification of New Heavy-Duty Engines and Vehicles

DAIMLERCHRYSLER

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-45-9;

IT IS ORDERED AND RESOLVED: That the following 2000 model-year DaimlerChrysler diesel-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

Engine Family	Engine Displacement Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
YMBXH6.37DJA	6.4	(387)	Turbocharger Charge Air Cooler Engine Control Module

Engine models and codes are listed on attachments.

The following are the certification exhaust emission standards for this engine family in grams per brake horsepower-hour:

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
1.3	15.5	4.0	0.10

The following are the certification exhaust emission values for this engine family in grams per brake horsepower-hour:

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
0.2	1.0	4.0	0.10

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, Section 2035 et seq.).

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 27th day of September 1999.

R. B. Summerfield, Chief
Mobile Source Operations Division

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LARGE ENGINE MODEL SUMMARY

Manufacturer: *DaimlerChrysler*

EPA Engine Family: *YMBXH6.37DJA* Manufacturer Family Name: *N/A*

Engine Code	Engine Model	BHP @ RPM (SAE Gross)	Fuel Rate: mm/stroke @ rated speed (for diesel only)	Fuel Rate: lbs/hr @ rated speed (for diesel only)	Max.Torque ft.-lbs.@ RPM (SAE Gross)	Fuel Rate: mm/stroke @ max. rated torque	Fuel Rate: (lbs/hr) @ max. rated torque	Emission Control Device Per SAE J1930
Code I	OM 906 LA	280 @ 2300	132	100.7	800 @ 1400	156	72.3	TC, ECM, CAC
Code II	OM 906 LA	260 @ 2300	122	93.1	700 @ 1400	134	62.2	TC, ECM, CAC
Code III	OM 906 LA	230 @ 2300	108	82.5	660 @ 1400	128	59.2	TC, ECM, CAC
Code IV	OM 906 LA	250 @ 2300	122	92.8	660 @ 1400	124	57.4	TC, ECM, CAC
Code V	OM 906 LA	210 @ 2300	98	74.7	605 @ 1400	115	53.1	TC, ECM, CAC
Code VI	OM 906 LA	210 @ 2300	99	74.8	520 @ 1400	99	46.1	TC, ECM, CAC
Code VII	OM 906 LA	190 @ 2300	92	69.6	520 @ 1400	100	46.4	TC, ECM, CAC

Note: Values for max. torque rpm represent engine speed range of constant torque!