State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-368

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

CHRYSLER CORPORATION

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 1997 model-year Chrysler Corporation Otto-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Gasoline

Engine Family	Engine	Displacement	Exhaust Emission Control
	<u>Liters</u>	(Cubic Inches)	Systems and Special Features
VCR8.OD8GAJA	8.0	(488)	Sequential Multiport Fuel Injection Dual Heated Oxygen Sensor Secondary Air Injection Dual Three Way Plus Oxidation Catalytic Converter

Engine models and codes are listed on attachments.

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

Total	Carbon	Nitrogen
<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>
1.9	37.1	5.0

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

Engine Family	Total	Carbon	Nitrogen
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>
VCR8.OD8GAJA	0.1	9.5	2.3

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 27 day of June 1996.

R. D. Summerfield Assistant Division Chief Móbile Source Division

<u> </u>	Ε.	0.	#	A-9-368
----------	----	----	---	---------

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY OTTO-STANDARD ENGINES

Page	1	_of_	_1
-			

Manufacturer: <u>Chrysler Corporation</u>	Engine Family:	VCR8.OD8GAJA
Displacement: 8.0 / Lit	ers <u>488</u>	/Cubic Inches
All Engine Codes in Engine Family: CA	49S <u> </u>	Valves/Cylinders: <u>2</u>
Fuel Type(s): Dedicated_X_ Flex-Fuel D	ual-Fuel Bi-	Fuel Gasoline <u>X</u>
CNG LNG LPG M1C	0 Other (s	pecify)
Maximum Rated Power: 300 HP @ 4000	RPM Engine	Configuration: V-10
Exhaust ECS (eg., MFI, TC, CAC): AIR. 2	H02S. 2(TWC+0C)	, SFI
(1	se abbreviation	s per SAE J1930 SEP91)

Engine Model. (Eng Code)	Rated HP @ RPM	Ignition System or (ECM/PCM) Part No.	Fuel System Injector & Pump Part No.	EGR Valve Part No.	Catalyst Converter Part No.
CA-100 FA-100	300 @ 4000	56040994 (PCM)	53041073 (Injector) 52028452 (Pump)	N/A	52018822

Date	Issued:	05-24-96	5
		·	•