

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-210  
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1991 model-year Chrysler Corporation emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: MCR2.5V5FCW1 Displacement: 2.5 Liters (153 Cubic Inches)

Exhaust Emission Control Systems (Special Features):

- Exhaust Gas Recirculation
- Three Way Catalyst
- Heated Oxygen Sensor
- Sequential Multipoint Electronic Fuel Injection
- (Turbocharger)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.39	7.0	0.4

The following are the certification emission values for this engine family:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.25	4.7	0.2

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Health and Safety Code Section 43205).

Vehicles 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 attachment.

Executed at El Monte, California this 24<sup>th</sup> day of January, 1990.

  
K. D. Drachand, Chief  
Mobile Source Division

Manufacturer CHRYSLER CORPORATION Eng. Family MCR2.5V5FCW1

Pass Cars  Lt-Duty Trucks  Med-Duty Vehicles  Gas  Diesel

Eng. Type SOHC4 Liter (CID) 2.5(153) Evap. Family MCRVF

Emission Control Sys. (Use SAE Abbv.) EGR, TWC, HO<sub>2</sub>S, SMPI, (TC)

Engine: Front  Mid.  Rear  Drive: FWD  RWD  4WD-FT  4WD-PT

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
M-1	PPH24, PDH24, PPH44, PDH44	M5	3125	S E E  A T T A C H M E N T	4557595	4287163	4427038 4427039 4427039
	PDH27, GVL24, APH41, ADH41, APP41, ADP41, ADX41		3250				
	JCH21, GVS24		3375				
	JCH27		3500				
A-1	PPH24, PDH24, PPH44, PDH44	A-4	3125		4557599	4287162	
	PDH27, GVL24, ADH41		3250				
	GVS24, ADP41, ADX41		3375				
	JCH21, JCH27, GVX24		3500				

Date of Issue: \_\_\_\_\_ Revisions: \_\_\_\_\_

Manufacturer CHRYSLER CORPORATION Eng. Family MCR2.5V5FCW1

Pass Cars  Lt-Duty Trucks  Med-Duty Vehicles  Gas  Diesel

Eng. Type SOCH4 Liter (CID) 2.5(153) Evap. Family MCRVF

Emission Control Sys. (Use SAE Abbrev.) EGR, TWC, HO<sub>2</sub>S, SMPI, (TC)

Engine: Front  Mid.  Rear  Drive: FWD  RWD  4WD-FT  4WD-PT

Eng. Code/ (Cert Std.)	Veh. Models (if Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
A-2	PPH24, PDH24	A3	3125	S E E  A T T A C H M E N T	4557599	4287162	4427038 4427039 4427041
	PPH44, PDH44		3250				
	PDH27, GVL24, APH41, ADH41, APP41		3375				
	JCH21, GVS24, GVX24, ADP41, ADX41, JCH27		3500				

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Manufacturer CHRYSLER CORPORATION Eng. Family MCR2.5V5FCW1

Pass Cars  Lt-Duty Trucks  Med-Duty Vehicles  Gas  Diesel

Eng. Type SOHC4 Liter (CID) 2.5(153) Evap. Family MCRVF

Emission Control Sys. (Use SAE Abbrv.) EGR, TWC, HO<sub>2</sub>S, SMPI, (TC)

Engine: Front  Mid  Rear  Drive: FWD  RWD  4WD-FT  4WD-PT

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
M-1	PPH24, PDH24, PPH44, PDH44	M5	3125	S E E  A T T A C H M E N T	4557595	4287163	4427038 4427039 4427039
	PDH27, GVL24, APH41, ADH41, APP41, ADP41, ADX41		3250				
	JCH21, GVS24		3375				
	JCH27		3500				
	A-1		PPH24, PDH24 PPH44, PDH44 PDH27, GVL24, ADH41 GVS24, ADP41, ADX41 JCH21, JCH27, GVX24				
			3250				
			3375				
			3500				

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ATTACHMENT TO PG. 1 SDS  
FOR  
E.O. A-9-210

ENGINE FAMILY: MCR2.5V5FCW1

VEHICLE MODELS:

JCH21  
JCH27

ADH41,ADP41,ADX41  
GVL24,GVS24,GVX24  
PDH24,PDH44

PPH24,PPH44  
APH41,APP41

PDH27

CARLINE:

CHRYSLER LEBARON  
CHRYSLER LEBARON CONVERTIBLE

DODGE SPIRIT  
DODGE DAYTONA  
DODGE SHADOW

PLYMOUTH SUNDANCE  
PLYMOUTH ACCLAIM

DODGE SHADOW CONVERTIBLE

VEHICLE TEST WEIGHT / HORSE POWER  
MCR2.5V5FCW1 ENGINE FAMILY

MODELS	TRANS	TIRES	TIRE DESCRIPTION	TEST WEIGHT (LBS.)	HORSE POWER	COASTDOWN TIME	
ADH41	M5	P195/70R14	TKS-GDY: INVICTA GL	3250	8.5	15.80	
		P195/70R14	TKS-MIC: XA4	3250	8.2	15.74	
		P195/70R14	TKT-GDY: INVICTA GL	3250	8.5	15.80	
		P195/70R14	TKT-MIC: XA4	3250	8.2	15.74	
		P205/60R15	TPX-GDY: EAGLE GT+4	3250	7.4	14.67	
		P205/60R15	TPX-MIC: SPORT EP-X	3250	7.4	14.67	
	A3, A4	P195/70R14	TKS-GDY: INVICTA GL	3375	8.4	15.91	
		P195/70R14	TKS-MIC: XA4	3375	8.0	15.84	
		P195/70R14	TKT-GDY: INVICTA GL	3375	8.4	15.91	
		P195/70R14	TKT-MIC: XA4	3375	8.0	15.84	
		P205/60R15	TPX-GDY: EAGLE GT+4	3375	7.2	14.78	
		P205/60R15	TPX-MIC: SPORT EP-X	3375	7.2	14.78	
	APH41, APP41	M5	P195/70R14	TKS-GDY: INVICTA GL	3250	8.5	15.80
			P195/70R14	TKS-MIC: XA4	3250	8.2	15.74
P195/70R14			TKT-GDY: INVICTA GL	3250	8.5	15.80	
P195/70R14			TKT-MIC: XA4	3250	8.2	15.74	
A3		P195/70R14	TKS-GDY: INVICTA GL	3250	8.5	15.43	
		P195/70R14	TKS-MIC: XA4	3250	8.1	15.37	
		P195/70R14	TKT-GDY: INVICTA GL	3250	8.5	15.43	
		P195/70R14	TKT-MIC: XA4	3250	8.1	15.37	
ADP41		M5	P195/70R14	TKS-GDY: INVICTA GL	3375	8.5	16.24
			P195/70R14	TKS-MIC: XA4	3375	8.2	16.16
	P195/70R14		TKT-GDY: INVICTA GL	3375	8.5	16.24	
	P195/70R14		TKT-MIC: XA4	3375	8.2	16.16	
	P205/60R15		TPX-GDY: EAGLE GT+4	3375	7.4	15.06	
	P205/60R15		TPX-MIC: SPORT EP-X	3375	7.4	15.06	
	A3, A4	P195/70R14	TKS-GDY: INVICTA GL	3375	8.4	15.91	
		P195/70R14	TKS-MIC: XA4	3375	8.0	15.84	
		P195/70R14	TKT-GDY: INVICTA GL	3375	8.4	15.91	
		P195/70R14	TKT-MIC: XA4	3375	8.0	15.84	
		P205/60R15	TPX-GDY: EAGLE GT+4	3375	7.2	14.78	
		P205/60R15	TPX-MIC: SPORT EP-X	3375	7.2	14.78	

VEHICLE TEST WEIGHT / HORSE POWER  
 MCR2.5V5FCW1 ENGINE FAMILY

MODELS	TRANS	TIRES	TIRE DESCRIPTION	TEST WEIGHT (LBS.)	HORSE POWER	COASTDOWN TIME	
ADX41	M5	P205/60R15	TPX-GDY: EAGLE GT+4	3375	7.4	15.06	
		P205/60R15	TPX-MIC: SPORT EP-X	3375	7.4	15.06	
		P195/70R14	TKS-GDY: INVICTA GL	3375	8.5	16.24	
		P195/70R14	TKS-MIC: XA4	3375	8.2	16.16	
	A3, A4	P205/60R15	TPX-GDY: EAGLE GT+4	3375	7.2	14.78	
		P205/60R15	TPX-MIC: SPORT EP-X	3375	7.2	14.78	
		P195/70R14	TKS-GDY: INVICTA GL	3375	8.4	15.91	
		P195/70R14	TKS-MIC: XA4	3375	8.0	15.84	
JCH21	M5	P205/60R15	TPX-GDY: EAGLE GT+4	3375	6.4	16.23	
		P205/60R15	TPX-MIC: SPORT EP-X	3375	6.4	16.23	
		P205/55R16	TVP-GDY: EAGLE GT+4	3375	6.4	15.61	
	A3	P205/60R15	TPX-GDY: EAGLE GT+4	3375	6.4	16.02	
		P205/60R15	TPX-MIC: SPORT EP-X	3375	6.4	16.02	
		P205/55R16	TVP-GDY: EAGLE GT+4	3375	6.4	15.42	
	A4	P205/60R15	TPX-GDY: EAGLE GT+4	3500	6.6	16.40	
		P205/60R15	TPX-MIC: SPORT EP-X	3500	6.6	16.40	
		P205/55R16	TVP-GDY: EAGLE GT+4	3500	6.5	15.80	
	JCH27	M5	P205/60R15	TPX-GDY: EAGLE GT+4	3500	6.9	15.82
			P205/60R15	TPX-MIC: SPORT EP-X	3500	6.9	15.82
			P205/55R16	TVP-GDY: EAGLE GT+4	3500	7.4	14.73
A3		P205/60R15	TPX-GDY: EAGLE GT+4	3500	7.0	15.75	
		P205/60R15	TPX-MIC: SPORT EP-X	3500	7.0	15.75	
		P205/55R16	TVP-GDY: EAGLE GT+4	3500	7.5	14.68	
A4		P205/60R15	TPX-GDY: EAGLE GT+4	3625	7.0	16.12	
		P205/60R15	TPX-MIC: SPORT EP-X	3625	7.0	16.12	
		P205/55R16	TVP-GDY: EAGLE GT+4	3625	7.5	15.74	



VEHICLE TEST WEIGHT / HORSE POWER  
 MCR2.5V5FCW1 ENGINE FAMILY

MODELS	TRANS	TIRES	TIRE DESCRIPTION	TEST WEIGHT (LBS.)	HORSE POWER	COASTDOWN TIME
GVL24	M5	P205/60R15	TPX-GDY: EAGLE GT+4	3250	6.3	16.23
		P205/60R15	TPX-MIC: SPORT EP-X	3250	6.3	16.23
	A3, A4	P205/60R15	TPX-GDY: EAGLE GT+4	3250	6.3	15.86
		P205/60R15	TPX-MIC: SPORT EP-X	3250	6.3	15.86
GVS24	M5	P205/60R15	TPX-GDY: EAGLE GT+4	3250	6.3	16.23
		P205/60R15	TPX-MIC: SPORT EP-X	3250	6.3	16.23
	A3, A4	P205/60R15	TPX-GDY: EAGLE GT+4	3375	6.2	16.23
		P205/60R15	TPX-MIC: SPORT EP-X	3375	6.2	16.23
GVX24	A3	P205/55R16	TVK-GDY: EAGLE VR55	3375	6.2	16.23
	A4	P205/55R16	TVK-GDY: EAGLE VR55	3500	7.0	15.20
PDH24, 44, PPH24, 44	M5	P185/70R14	TJV-GDY: EAGLE GT+4	3125	7.5	13.94
		P185/70R14	TJV-MIC: SPORT EP-X	3125	8.0	14.95
	A3, A4	P185/70R14	TJV-GDY: EAGLE GT+4	3125	7.5	13.69
		P185/70R14	TJV-MIC: SPORT EP-X	3125	8.0	14.72
PDH27	M5	P195/60R15	TNK-GDY: EAGLE GT+4	3250	8.8	13.28
		P205/60R14	TLK-GDY: EAGLE GT+4	3250	8.9	12.84
		P205/60R14	TLK-MIC: SPORT EP-X	3250	9.2	13.30
	A3, A4	P195/60R15	TNK-GDY: EAGLE GT+4	3250	8.7	13.02
		P205/60R14	TLK-GDY: EAGLE GT+4	3250	8.8	12.60
		P205/60R14	TLK-MIC: SPORT EP-X	3250	9.2	13.03