

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-212  
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: MCR2.5V5FEN4    Displacements: 2.2 Liters (135 Cubic Inches)  
2.5 Liters (153 Cubic Inches)

Exhaust Emission Control Systems (Special Features):

Exhaust Gas Recirculation                      Heated Oxygen Sensor  
Three-Way Catalyst                                Throttle Body Electronic Fuel Injection

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>
0.16	3.7	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 MCR2.5V5FEN4

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

Eng. Type SOHC4 Liter (CID) 2.2/2.5(135/153) Evap. Family MCRVG

Emission Control Sys. (Use SAE Abbrev.) TWC, ECP, HO S, TAT

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 (2.2L) W/O AC	LME44, LZE44	M5	2625	S E E  A T T A C H M E N T	5236649	4287178 4287186	4427292 4427030 4427172 4427292
M-2 (2.2L) W/AC	LME44, LZE44		2750				
	PPL24, PDL24		2875				
	PPH24, PDH24, PPL44, PDL44, PPH44, PDH44		3000				
A-1 (2.2L) W/O AC	LME44, LZE44	A3	2625		5234665	4557516	4427292 4427030 4427172 4427292
(2.2L) W/AC	LME44, LZE44		2750				
	PPL24, PDL24, PPH24, PDH24, PPL44, PDL44		3000				
*A-5 (2.2L) W/O AC	PPH44, PDH44		3125				
*A-6 (2.2L) W/AC							

Date of Issue: \_\_\_\_\_ Revisions: 3-05-90: RC12C. ECU CALIBRATION CHANGE.

Manufacturer CHRYSLER CORPORATION Eng. Family MCR2.5VSEFN4

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

Eng. Type SOHC4 Liter (CID) 2.2/2.5(135/153) Evap. Family MCRVG

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

Engine: Front X Mid.      Rear      Drive: FWD X 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-3 (2.5L)	PPL24, PDL24, PPL44, PDL44	A3	3000	S E E  A T T A C H M E N T	4457421	4287178	4427030
A-7** (2.5L)	PPH24, PDH24, PPH44, PDH44, GVL24		3125		4639252	4287186	4427172
	PDH27, JCH21, GVH24, APH41, ADH41, APP41, ADP41, ACP41		3250		4639256		
	JCH27, CDH41		3375				
A-4 (2.5L)	PPL24, PDL24, PPL44, PDL44	A4	3000		4457421		
A-8** (2.5L)	PPH24, PDH24, PPH44, PDH44		3125		4639264		
	JCH21, GVL24, GVH24, APH41, ADH41, APP41, ADP41		3250				
	ACP41		3375				
	JCH27, CDH41		3500				

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

Revisions: \*03-06-90: RC17C. ECU CALIBRATION CHANGE.  
\*03-15-90: CORRECTION OF ERRATA.

VEHICLE MODELS/CARLINE

Engine, Evap. Config.: MCR2.5V5FEN4, MCRVG MARKET: Calif.  
 Exhaust Control System: 3CL, TBI, EGR  
 Evap. Control System Canister  
 Engine Displacement: 2.2L, 2.5L

EPA Carline Code	Carline Sales Name for Certificate	Engineering Model	
13011	CHRYSLER	LEBARON LANDAU	AACP41
16040	DODGE	SPIRIT	AADH41
16040	DODGE	SPIRIT	AADP41
32080	PLYMOUTH	ACCLAIM	AAPH41
32080	PLYMOUTH	ACCLAIM	AAPP41
16035	DODGE	DYNASTY	ACDH41
16070	DODGE	DAYTONA	AGVH24
16070	DODGE	DAYTONA	AGVL24
13030	CHRYSLER	LE BARON	AJCH21
13085	CHRYSLER	LE BARON CONVERTIBLE	AJCH27
32010	PLYMOUTH	HORIZON	ALME44
16025	DODGE	OMNI	ALZE44
16095	DODGE	SHADOW	APDH24
16097	DODGE	SHADOW CONVERTIBLE	APDH27
16095	DODGE	SHADOW	APDH44
16095	DODGE	SHADOW	APDL24
16095	DODGE	SHADOW	APDL44
32075	PLYMOUTH	SUNDANCE	APPH24
32075	PLYMOUTH	SUNDANCE	APPH44
32075	PLYMOUTH	SUNDANCE	APPL24
32075	PLYMOUTH	SUNDANCE	APPL44

VEHICLE TEST WEIGHT / HORSE POWER  
 MCR2.5V5FEN4 ENGINE FAMILY (2.2L)

MODELS	TRANS	TIRES	TIRE DESCRIPTION	TEST WEIGHT (LBS.)	HORSE POWER	COASTDOWN TIME
LME44, LZE44	M5	P165/80R13	TDC-GDY: INVICTA GL	2625	7.8	14.36
		P165/80R13	TDD-GDY: INVICTA GL	2625	7.8	14.36
	A3	P165/80R13	TDC-GDY: INVICTA GL	2625	7.7	13.97
		P165/80R13	TDD-GDY: INVICTA GL	2625	7.7	13.97
LME44, LZE44	M5	P165/80R13	TDC-GDY: INVICTA GL	2750	7.7	14.93
		P165/80R13	TDD-GDY: INVICTA GL	2750	7.7	14.93
	A3	P165/80R13	TDC-GDY: INVICTA GL	2750	7.6	14.53
		P165/80R13	TDD-GDY: INVICTA GL	2750	7.6	14.53
PPL24, PDL24	M5	P185/70R14	TJ1-GDY: INVICTA GL	2875	8.7	13.84
		P185/70R14	TJ1-MIC: XA4	2875	7.9	14.04
	A3	P185/70R14	TJ1-GDY: INVICTA GL	3000	8.6	14.04
		P185/70R14	TJ1-MIC: XA4	3000	7.7	14.24
PPH24, PDH24, PPL44, PDL44	M5	P185/70R14	TJ1-GDY: INVICTA GL	3000	8.7	14.37
		P185/70R14	TJ1-MIC: XA4	3000	7.9	14.58
	A3	P185/70R14	TJ1-GDY: INVICTA GL	3000	8.6	14.04
		P185/70R14	TJ1-MIC: XA4	3000	7.7	14.24
PPH44, PDH44	M5	P185/70R14	TJ1-GDY: INVICTA GL	3000	8.7	14.37
		P185/70R14	TJ1-MIC: XA4	3000	7.9	14.58
	A3	P185/70R14	TJ1-GDY: INVICTA GL	3125	8.6	14.53
		P185/70R14	TJ1-MIC: XA4	3125	7.7	14.73

VEHICLE TEST WEIGHT / HORSE POWER  
MCR2.5V5FEN4 ENGINE FAMILY (2.5L)

MODELS	TRANS	TIRES	TIRE DESCRIPTION	TEST WEIGHT (LBS.)	HORSE POWER	COASTDOWN TIME		
ADH41	A3, A4	P185/70R14	TJ1-GDY: INVICTA GL	3250	8.5	15.43		
		P185/70R14	TJ1-MIC: XA4	3250	8.1	15.37		
		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		
		P205/60R15	TPX-GDY: EAGLE GT+4	3250	7.3	14.35		
		P205/60R15	TPX-MIC: SPORT EP-X	3250	7.3	14.35		
ADP41	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		
		P205/60R15	TPX-GDY: EAGLE GT+4	3250	7.3	14.35		
		P205/60R15	TPX-MIC: SPORT EP-X	3250	7.3	14.35		
	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		
		APP41	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		
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		
ACP41	A3, A4	P195/70R14	TKT-GDY: INVICTA GL	3375	8.4	15.91		
		P195/70R14	TKT-MIC: XA4	3375	8.0	15.84		
APH41	A3, A4	P185/70R14	TJ1-GDY: INVICTA GL	3250	8.5	15.43		
		P185/70R14	TJ1-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		

VEHICLE TEST WEIGHT / HORSE POWER  
MCR2.5V5FEN4 ENGINE FAMILY (2.5L)

MODELS	TRANS	TIRES	TIRE DESCRIPTION	TEST WEIGHT (LBS.)	HORSE POWER	COASTDOWN TIME
CDH41	A3,A4	P195/75R14	TKL-GDY: INVICTA GL	3500	8.4	16.45
GVL24	A3,A4	P185/70R14	TJ1-GDY: INVICTA GL	3250	7.1	16.78
		P185/70R14	TJ1-MIC: XA4	3250	6.4	16.68
GVH24	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
JCH21	A3,A4	P195/70R14	TKS-GDY: INVICTA GL	3250	7.4	16.71
		P195/70R14	TKS-MIC: XA4	3250	6.9	17.08
		P195/70R14	TKT-GDY: INVICTA GL	3250	7.4	16.71
		P195/70R14	TKT-MIC: XA4	3250	6.9	17.08
		P205/60R15	TPJ-GDY: INVICTA GA	3250	6.8	15.91
		P205/60R15	TPJ-MIC: LX1	3250	6.9	17.08
		P205/60R15	TPX-GDY: EAGLE GT+4	3250	6.5	15.56
		P205/60R15	TPX-MIC: SPORT EP-X	3250	6.5	15.56
JCH27	A3,A4	P195/70R14	TKS-GDY: INVICTA GL	3500	8.1	16.55
		P195/70R14	TKS-MIC: XA4	3500	7.6	16.90
		P195/70R14	TKT-GDY: INVICTA GL	3500	8.1	16.55
		P195/70R14	TKT-MIC: XA4	3500	7.6	16.90
		P205/60R15	TPJ-GDY: INVICTA GA	3500	7.0	16.14
		P205/60R15	TPJ-MIC: LX1	3500	7.6	16.90
		P205/60R15	TPX-GDY: EAGLE GT+4	3500	7.0	15.75
		P205/60R15	TPX-MIC: SPORT EP-X	3500	7.0	15.75
PPL24,44, PDL24,44	A3,A4	P185/70R14	TJ1-GDY: INVICTA GL	3000	8.6	14.04
		P185/70R14	TJ1-MIC: XA4	3000	7.7	14.24
		P185/70R14	TJV-GDY: EAGLE GT+4	3000	7.5	13.24
		P185/70R14	TJV-MIC: SPORT EP-X	3000	7.8	14.26
PPH24,44 PDH24,44	A3,A4	P185/70R14	TJ1-GDY: INVICTA GL	3125	8.6	14.53
		P185/70R14	TJ1-MIC: XA4	3125	7.7	14.73
		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	A3,A4	P205/60R14	TLK-GDY: EAGLE GT+4	3250	8.8	12.60
		P205/60R14	TLK-MIC: SPORT EP-X	3250	9.2	13.03
		P195/60R15	TNK-GDY: EAGLE GT+4	3250	8.7	13.02
		P185/70R14	TJ1-GDY: INVICTA GL	3250	9.5	14.02
		P185/70R14	TJ1-MIC: XA4	3250	8.6	14.11