State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-186
Relating to Certification of New Motor Vehicles

CHRYSLER MOTORS 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 1989 model-year Chrysler Motors Corporation exhaust emission control systems are certified for sale in California as described below for gasoline-powered light-duty trucks and medium-duty vehicles:

Engine Family	Displacement Liters	(Cubic Inches)	Exhaust Emission Control Systems (Special Features)
KCR5.9T5HGD5	5.2 5.9	(318) (360)	Three-Way Catalyst Heated Oxygen Sensor Air Injection - Pump Exhaust Gas Recirculation (Central Fuel Injection) (On-Board Diagnostics)

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

The following are the emission standards for this engine family:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
3751-5750	0.50	9.0	1.0

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

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
3751-5750	0.22	3.4	0.7

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 Administrative Code, 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 Tune-Up Label Specifications" (Title 13, California Administrative Code, 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 Administrative Code, 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 regulations (Title 13, California Administrative Code, Section 2035 et seq.).

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 3RD day of February, 1988.

K. D. Drachand, Chief
Mobile Source Division

E.O. # A-9-186

1989 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer CHRYSLER MOTORS CORPORATION

Engine Family KCR5.9T5HGD5

Evaporative Family KCRTE

Engine Type OHV V/8

Liters (CID) 5.2 (318) & 5.9 (360)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
ECU-Electronic Control Unit
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System

CFI, EPFI, MPFI, SFI,
DID, DIP, HOS, OS
nV-nVenturi Carburetor
VV-Variable Venturi Carburetor

Exhaust Emissions Control System

AIP-Air Injection - Pump
AIV-Air Injection - Valve
EGR-Exhaust Gas Recirculation
EIC-Electronic Injection Control (Diesel Only)
EM-Engine Modification
SPL-Smoke Puff Limiter or Throttle Delay
TOC-Trap Oxidizer, Continual
TOP-Trap Oxidizer, Periodical
DBC-Dual Bed Catalyst
OC-Oxidation Catalyst
TWC-Three-Way Catalyst
WUOC-Warm-Up Oxidation Catalyst
WUTWC-Warm-Up Three-Way Catalyst
OS-Oxygen Sensor
HOS-Heated Oxygen Sensor

Special Features

CFI-Central Fuel Injection or Throttle Body Injection
EPFI-Electronic Port Fuel Injection
MPFI-Mechanical Port Fuel Injection
SFI-Sequential Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
TC-Turbocharger
SC-Supercharger
IC-Intercooler or Aftercooler
CCV-Combustion Chamber Valve
OBD-On-Board Diagnostics

VEHICLE MODELS:	CARLINE:
D1E61,D1E62,D1L61, D1L62	DODGE PICKUP D100/D150
D2L62,D2C62	DODGE PICKUP D250
D5E61,D5E62,D5L61, D5L62	DODGE PICKUP W100/W150
D6L62	DODGE PICKUP W250
B1E51,B1L51,B1L52, *B2L52,B2L53	DODGE WAGON B150/B250

Engine: Front X Mid. ____ Rear ____

Drive: FWD ____ RWD X 4WD Full Time ____ 4WD Part Time X

080187 Revised 02-04-88: Correction of Errata.

ATTACHMENT TO PAGE 1
SDS EXECUTIVE ORDER
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VEHICLE MODELS:	CARLINE:
B3L52,B3L53	DODGE WAGON B350
B1L11,B1L12,B2L11,B1E11*	DODGE VAN B150/B250
B2L12,B2L13,B1E12*	
B3L12,B3L13*	DODGE VAN B350
D4E71,D4L71	DODGE RAMCHARGER AD150
D8E71,D8L71	DODGE RAMCHARGER AW150

HDV

B3H52,B3H53,B3H12	DODGE WAGON/VAN B350
B3H13	
D2H62	DODGE PICKUP D250
D6H62	DODGE PICKUP W250
D3H62	DODGE PICKUP D350
D7H62	DODGE PICKUP W350

Revised: *02-18-88: R.C. 15TC - Addition of Models

E.O. # A-9-186

19 89 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars ____ Light-Duty Trucks X Medium-Duty Vehicles X Gas X Diesel ____

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family KCR5.9T5HGD5

Liter (CID) 5.2 (318) & 5.9 (360) Eng. Type OHV V/8

Emission Control Sys. (Special Features) TWC,HOS,EGR,AIP,(CFI),(OBD)

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System THROTTLE BODY Part No.	EGR Valve Part No.	Cataly Part No
A-1	D1E61,D1L61	A40D	4250	4379782	4307607	4287154	4218479
	D1E62,D1L62,B1E11*, B1L11,B1L12,B1E12*, B2L11,B2L12		4500				4218481 4218482 4218484
	D4L71,D4E71, D2L62,B1E51, B2L13,B3L12		4750				4218485
	B1L51,B1L52, B2L52,B3L13		5000				
	B2L53,B3L52		5250				
M-1	D1E61,D1L61	M40D	4250	4379786			
	D1E62,D1L62		4500				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

Date of Issue _____ Revisions:*02-18-88: R.C. 15TC - Addition of models.

030186

E.O. # A-9-186

19 89 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars _____ Light-Duty Trucks X Medium-Duty Vehicles X Gas X Diesel _____

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Emission Control Sys. (Special Features) TWC,HOS,EGR,AIP,(CFI),(OBD)

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System THROTTLE BODY Part No.	EGR Valve Part No.	Catalyst Part No.
A-2	D1E61,D1L61	A3	4250	4379790	4307859	4287159	4218479 4218481 4218482 4218484 4218485
	D1E62,D1L62		4500				
	D4L71,D4E71, D5E61,D5E62, D5L61,D2L62, D2H62		4750				
	D5L62,D3H62		5000				
	D8L71,D8E71, D2L62,D6L62, D6H62,D7H62		5250				
A-4	B2L11,B2L12		4500	4379831			
	B2L13,B3L12, B3H12		4750				
	B2L52,B3L13, B3H13		5000				
	B2L53,B3L52, B3H52		5250				
	B3L53,B3H53		5500				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

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19 89 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars ____ Light-Duty Trucks X Medium-Duty Vehicles X Gas X Diesel ____

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family KCR5.9T5HGD5

Liter (CID) 5.2 (318) & 5.9 (360) Eng. Type OHV V/8

Emission Control Sys. (Special Features) TWC,HOS,EGR,AIP,(CFI),(OBD)

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System THROTTLE BODY Part No.	EGR Valve Part No.	Catalys Part No.
A-3	D1E61,D1L61	A3	4250	4379780	4307607	4287154	4218479 4218481 4218482 4218484 4218485
	D1E62,D1L62,B1E11*, D1L61,D4E71,B1E12*, B1L11,B1L12, B2L11,B2L12		4500				
	D5E61,D5L61, D5E62,D5L62, D4L71,D2L62, B1E51,B1L51, B2L13,B3L12, B3L13		4750				
	D6L62,B1L52, B2L52		5000				
	D8L71,D8E71, B2L53,B3L52		5250				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

Date of Issue _____ Revisions: *02-18-88: R.C. 15TC - Addition of models.

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E.O. # A-9-186

19 89 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer CHRYSLER MOTORS CORPORATION Engine Family KCR5.9T5HGD5

Liter (CID) 5.2 (318) & 5.9 (360) Eng. Type OHV V/8

Emission Control Sys. (Special Features) TWC,HOS,EGR,AIP,(CFI),(OBD)

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System THROTTLE BODY Part No.	EGR Valve Part No.	Catalys Part No.
A-4	D1E61,D1L61	A3	4250	4379831*	4307859	4287159	4218479 4218481 4218482 4218484 4218485
	D1E62,D1L62		4500				
	D4L71,D4E71, D5E61,D5E62, D5L61,D2L62, D2H62		4750				
	D5L62,D3H62		5000				
	D8L71,D8E71, D2L62,D6L62, D6H62,D7H62		5250				
A-4	B2L11,B2L12		4500	4379831			
	B2L13,B3L12, B3H12		4750				
	B2L52,B3L13, B3H13		5000				
	B2L53,B3L52, B3H52		5250				
	B3L53,B3H53		5500				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

Date of Issue _____ Revisions: *02-04-88: R.C. 9TC - USE COMMON ECU P/N FOR B&D MODELS.

030186

CHRYSLER MOTORS CORPORATION

E.O. # A-9-186

1989 CALIFORNIA 5.2L/5.9L MDV & LDT
KCR5.9T5HGD5 & KCR5.9T5HGF7 Families
Test Weight & H.P.

Model	Transmission	Test Wt.	Available Tires*	Tire Sales Code	Coastdown HP GDYR	Coastdown HP MICH
B1L11	A40D,A3	4500	P205/75R15	TPF,TPG	17.4	16.6
B2L11	A40D,A3	4500	P225/75R15	TRE,TRF	17.4	-
B1L12	A40D,A3	4500	P235/75R15XL	TSC,TSD,TSF	17.4	16.6
B1E11	A40D,A3	4500				
B1E12	A40D,A3	4500				
B2L12	A40D,A3	4500				
B3L12	A40D,A3	4750	LT225/75R16D	TWP	-	15.7
			LT225/75R16E	TWR,TWS	-	15.7
B2L13	A40D,A3	4750	P205/75R15	TPF,TPG	17.0	16.1
B1E51	A40D,A3	4750	P225/75R15	TRE,TRF	17.0	-
B1L51	5.2L A3	4750	P235/75R15XL	TSC,TSD,TSF	17.0	16.1
B3L13	A40D,5.9L A3	5000	LT225/75R16E	TWR,TWS	-	15.4
B1L51	A40D	5000	P205/75R15	TPF,TPG	17.1	16.2
B1L52	A40D,A3	5000	P225/75R15	TRE,TRF	17.1	-
B2L52	A40D,A3	5000	P235/75R15XL	TSC,TSD,TSF	17.1	16.2
B3L52	A40D,A3	5250	LT225/75R16D	TWP	-	16.8
B3L53	A3	5500	LT225/75R16E	TWR,TWS	-	16.8
B2L53	A40D,A3	5250	P235/75R15XL	TSC,TSD	16.9	16.5
B3L13	5.9L A3	4750	LT225/75R16D	TWP	-	15.7
			LT225/75R16E	TWR,TWS	-	15.7
B3H12	A3	4750	LT225/75R16E	TWR,TWS	-	15.7
B3H13	A3	5000	LT225/75R16E	TWR,TWS	-	15.4
			LT245/75R16E	TYB	-	15.4
B3H52	A3	5250	LT225/75R16E	TWR,TWS	-	17.6
B3H53	A3	5500	LT225/75R16E	TWR,TWS	-	16.5

B3H = 8510,9000 GVW
GDYR = Goodyear
MICH = Michelin

*Following tires are available for each model listed in column one.

ISSUE DATE: 11-17-87
REV:

CHRYSLER MOTORS CORPORATION

E.O. # A-9-186

1989 CALIFORNIA 5.2L/5.9L MDV & LDT
KCR5.9T5HGD5 & KCR5.9T5HGF7 Families (cont'd.)
Test Weight & H.P.

Model	Transmission	Test Wt.	Available Tires*	Tire Sales Code	Coastdown HP GDYR	Coastdown HP MICH
D6L62	5.9L A3	5250	LT215/85R16C	TVF	16.8	16.5
			LT215/85R16D	TVG	16.8	16.5
			LT235/85R16E	TWV	16.8	16.5
			7.50x16D	TVB,TVC	18.3	-
			7.50x16D	TVB,TVC,M&S	18.2	-
			LT215/85R16D	TVD,M&S	17.2	18.0
			LT235/85R16E	TWM,M&S	17.2	18.0
D6H62	A3	5250	LT235/85R16E	TWV	18.4	18.1
			LT235/85R16E	TWM,M&S	18.9	18.8
D6L62	5.2L A3	5000	LT215/85R16C	TVF	16.8	16.4
			LT215/85R16D	TVG	16.8	16.4
			LT235/85R16E	TWV	16.8	16.4
			7.50x16D	TVB,TVC	18.2	-
			7.50x16D	TVB,TVC,M&S	18.2	-
			LT215/85R16D	TVD,M&S	17.1	17.9
			LT235/85R16E	TWM,M&S	17.1	17.9
D3H62	A3	5000	LT235/85R16E	TWV	17.1	16.5
			LT235/85R16E	TWM,M&S	17.0	16.7
D7H62	A3	5250	LT235/85R16E	TWV	18.4	18.1
			LT235/85R16E	TWM,M&S	18.9	18.8
D8E71	A3,M4	5250	P235/75R15XL	TSC,TSD,TSF	18.0	17.4
D8L71	A3,M4	5250	P235/75R15XL	TSC,M&S	17.5	17.8
			31x10.5R15LT	TUT,M&S	18.5	-

D6H = 8510 GVW
D3H = 8700 GVW
D7H = 8700 GVW
GDYR = Goodyear
MICH = Michelin
M&S = Mud & Snow

*Following tires are available for each model listed in column one.

ISSUE DATE: 11-17-87
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CHRYSLER MOTORS CORPORATION

E.O. # A-9-186

1989 CALIFORNIA 5.2L/5.9L MDV & LDT
KCR5.9T5HGD5 & KCR5.9T5HGF7 Families (cont'd.)
Test Weight & H.P.

Model	Transmission	Test Wt.	Available Tires*	Tire Sales Code	Coastdown HP GDYR	Coastdown HP MICH
D1E61	M4OD,A4OD,A3	4250	P195/75R15	TNC	16.7	-
D1L61	M4OD,A4OD,A3	4250	P205/75R15	TPF,TPF	16.7	16.6
D1E62	M4OD,M4,A4OD,A3	4500	P235/75R15XL	TSC,TSD,TSF	16.7	16.6
D1L62	M4OD,M4,A4OD,A3	4500	P205/75R15	TPF,M&S	16.1	15.8
D1E61	M4	4500	P235/75R15XL	TSC,M&S	16.1	15.8
D1L61	M4	4500				
D2L62	A4OD,A3	4750	LT215/85R16C	TVF	16.4	15.9
D2H62	A3	4750	LT215/85R16D	TVG	16.4	15.9
			LT235/85R16E	TWV	16.4	15.9
			7.50x16D	TVB,TVC	17.5	-
			7.50x16D	TVB,TVC,M&S	17.5	-
			LT215/85R16D	TVD,M&S	16.2	16.0
			LT215/85R16E	TWM,M&S	16.2	16.7
D2C62	A3	5250	7.50x16D	TVB,TVC	21.5	21.5
			7.50x16D	TVB,TVC,M&S	21.5	21.5
			LT235/85R16E	TWV	21.5	21.5
			LT235/85R16E	TWM,M&S	21.5	21.5
D4E71	A4OD,5.9L A3	4750	P235/75R15XL	TSC,TSD,TSF	16.0	15.6
D4L71	A4OD,A3	4750	P235/75R15XL	TSC,M&S	15.4	15.3
D4E71	5.2L A3	4500				
D5E61	A3	4750	P235/75R15XL	TSC,TSD,TSF	18.8	18.1
D5L61	A3	4750	P235/75R15XL	TSC,M&S	18.6	17.9
D5E62	A3	4750	31x10.5R15LT	TUT,M&S	20.1	-
D5L62	5.2L A3	4750				
D5L62	5.9L A3	5000	P235/75R15XL	TSC,TSD,TSF	19.2	18.5
			P235/75R15XL	TSC,M&S	19.1	18.4
			31x10.5R15XL	TUT,M&S	20.6	-

D2H = 8510 GVW
D2C = Cab Chassis
GDYR = Goodyear
MICH = Michelin
M&S = Mud & Snow

*Following tires are available for each model listed in column one.

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