State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-474
Relating to Certification of New Motor Vehicles

GENERAL 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 1990 model-year General Motors Corporation emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: L2G3.3W8JAWX Displacement: 3.3 Liters (201 Inches^3)

Equipped with the following exhaust emission control systems:

Oxygen Sensor
Three-Way Catalyst
Multipoint Electronic Fuel Injection
On-Board Diagnostics (Exempted)

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

The following are the emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.41	7.0	0.4

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

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.25	4.7	0.3

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.

SUPERSEDED

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 have been granted an exemption from compliance with the requirements of 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 21st day of April, 1989.

K. D. Drachand, Chief
Mobile Source Division

SUPERSEDED

(FOR CARB USE ONLY)

SUPPLEMENTAL DATA AND CERTIFICATION REVIEW SHEETS

Section and Page No	Rev. No. or Date	Item
17-L2G3.3W8JAWX-Index 1	001	Table of Contents
17-L2G3.3W8JAWX-1	03 00 00	Supplemental Data Sheet
17-L2G3.3W8JAWX-2	001	Supplemental Data Sheet
17-L2G3.3W8JAWX-3	001	Supplemental Data Sheet
17-L2G3.3W8JAWX-4	001	Supplemental Data Sheet
17-L2G3.3W8JAWX-5	03-28-89	Certification Review Sheet

SUPERSEDED

NOTES:

(1) Please refer to manufacturer's HP lists (Attachment I) for correct dyno test HP settings based on model and equipment.

(2) If two test weights are listed, the lower weight will be used for testing.

(3) Letter derivative codes are the same as corresponding numeric codes except as indicated.

(FOR CARB USE ONLY)

E.O. # A-6-474

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

VEHICLE MODELS: 1 J C 3 7 (EXAMPLE)

Digit 1 Selling Division

1-Chevrolet
2-Pontiac
3-Oldsmobile
4-Buick
6-Cadillac

Digit 2 - Body Designation

A-Celebrity, 6000, Cutlass Ciera, Cutlass Cruiser, Century
B-Caprice, Safari Wagon, Custom Cruiser, LeSabre/Electra Wagon, Coachbuilder Wagon
C-Ninety-Eight, Touring, Electra, DeVille, Fleetwood, Commercial Chassis
D-Brougham
E-Toronado, Riviera, Eldorado, Reatta
F-Camaro, Firebird, Trans Am
H-Bonneville, Eighty-Eight, LeSabre
J-Cavalier, Sunbird, Skyhawk
K-Seville
L-Corsica, Beretta
N-Grand Am, Cutlass Calais, Skylark
T-Lemans
V-Allante
W-Grand Prix, Regal, Cutlass Supreme, Lumina
Y-Corvette
Z-Commercial Chassis

Digit 3 Trim Level

B, C, D, E, F,
H, J, K, M, N,
L, P, R, S, T,
U, V, W, X, Y, Z

Digits 4 & 5 - Body Style

07-2Dr Sport Coupe
08-2Dr Hatchback Coupe
19-4Dr Sedan
27-2Dr (Notchback) Coupe
35-4Dr Station Wagon
37-2Dr Hardtop Coupe
47-2Dr Hardtop Coupe
57-Dr Hardtop Coupe
67-2Dr Convertible Coupe
68-4Dr Hatchback Sedan
69-4Dr (Notchback) Sedan
87-2Dr Hatchback Coupe
90-Commercial Chassis
97-2Dr Hardtop Coupe

SUPERSEDED

ISSUED: 03-28-89 REV. NO.:

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E.O. # A-6-474

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L2G3.3W8JAWX

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ GAS X DIESEL___

ENGINE TYPE: V6 LITER (CID): 3.3 (201) EVAP FAMILY: LBO-2C

EMISSION CONTROL SYSTEM: TWC, O2S (MPI)

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: 0.4 NOx DPA: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
11	3AJ37 3AM37 3AS37 4AH37 4AL37	A4	3250	DK097579/ R007579	NA	25127732
	3AJ69 3AL69 3AM69 3AS69 4AH69 4AL69		3375			
	3AJ35 3AM35 3AH35 4AL35		3500			
11A				16129014/ R008994		

ISSUED: 03-28-89 REV. NO.: 001, 002, 006, 010

SUPERSEDED

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E.O. # A-6-474

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L2G3.3W8JAWX

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ GAS X DIESEL___

ENGINE TYPE: V6 LITER (CID): 3.3 (201) EVAP FAMILY: LBO-2C

EMISSION CONTROL SYSTEM: TWC, O2S (MPI)

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: 0.4 NOx DPA: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
12	3AJ37 3AJ69 3AL69 3AM37 3AS37 4AH37 4AL37 3AS69 4AH69 4AL69 3AM69 3AJ35 3AM35 4AH35 4AL35	A3	3250 3375 3500	DK097578/ R007578	NA	25127732
12A				16128994/ R009014		

ISSUED: 03-28-89 REV. NO.: 001, 005, 010

17-L2G3.3W8JAWX-3
(1990)

17-JAWX

SUPERSEDED

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(FOR CARB USE ONLY)

E.O. # A-6-474

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L2G3.3W8JAWX

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ GAS X DIESEL___

ENGINE TYPE: V6 LITER (CID): 3.3 (201) EVAP FAMILY: LBO-2C

EMISSION CONTROL SYSTEM: TWC, O2S (MPI)

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: 0.4 NOx DPA: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
13	4NJ27 3NF27 3NT27 3NL27 3NF69 3NK27 3NK69 3NL69 3NT69 4NC69 4ND69 4NM27	A3	3125	DK096836/ R006836	NA	25127555, 25127259, 25129073
13A				16128974/ R008974		
13B				16146694/ R006694, 16150314/ R000314		
13C				16151994/ R001994		

ISSUED: 03-28-89 REV. NO.: 001, 003, 004, 008, 009, 011

17-L2G3.3W8JAWX-4
(1990)

17-JAWX

SUPERSEDED

(FOR CARB USE ONLY)

E.O. # A-6-474

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L2G3.3W8JAWX

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ GAS X DIESEL___

ENGINE TYPE: V6 LITER (CID): 3.8 (231) EVAP FAMILY: LB0-2C

EMISSION CONTROL SYSTEM: TWC, O2S (MPI)

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: 0.4 NOx DPA: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
17	4WB57 4WD57 4WB19 4WD19	A4	3625 3750	DK101956/ R001956	NA	24500083
17A				16139644/ R009644		
17B				16156704/ R106704		

SUPERSEDED

ISSUED: 007 REV. NO.: 012, 013

17-L2G3.3W8JAWX-4.1
(1990)