State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER P-6-10
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 1986 model-year General Motors Corporation federally-certified emission control systems are certified for sale in California as described below for gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
G1G5.7V8DAAX	350	(5.7)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (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:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0.41	3.4	1.0

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
0.37	3.4	0.6

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 "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 Executive Officer has been provided evidence of federal certification of vehicle models listed in the attachments which are not available as California-certified models.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate that the vehicle manufacturer has sufficient emissions credits for its estimated California sales of federally-certified 1986 model-year vehicles using in the interim the "Guidelines for Certification of 1983 Through 1987 Model-Year Federally Certified Light-Duty Motor Vehicles For Sale in California" (Title 13, California Administrative Code, Section 1960.5).

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 9th day of August, 1985.

K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: General Motors Corporation

Executive Order No.: P-6-10

Engine Family: G1G5.7V8DAAX

Evaporative Family: 680L-1A

Engine CID (Liters): 350 (5.7L)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
V-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TOC-Trap Oxidizer Continual
TOP-Trap Oxidizer Periodical
TR-Thermal Reactor
TWC-Three-Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
IC - Intercooler
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS:

DIV	BB	TM	BT	MODEL NAME
1				CHEVROLET
	Y	Y	07	Corvette Sport Coupe
			67	Corvette Convertible

DRIVE AXLE: Rear Wheel

DRIVE SYSTEM: _____ Engine/ _____ -Wheel Drive

012584

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. P-6-10 Page 1

Engine Family G1G5.7V8DAAX Evaporative Family 6BOL-1A

Engine CID (Liters) - Type 350 (5.7L)

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Exhaust Emissions Control System
AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System

Headings
AIR COND-Air Conditioning
BB-Basic Body
BT-Body Type
DI-Diesel Injection
DIN-Diesel Injector Nozzles
DIV-Division
ECM-Electronic Control Module
ETW-Equivalent Test Weight
TLC-Tune-Up Label Code
TNS-Transmission
TM-Trim

Fuel System
CFI,CL,DID,DIP,EFI,MFI,TBI
nV-nVenturi Carburetor
VV-Variable Venturi

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged
TBI-Throttle Body Injection
EFI-Electronic Fuel Injection

DIV	BB	TM	BT	MODEL NAME	DIV	BB	TM	BT	MODEL NAME
1				CHEVROLET					
	Y	Y	07	Corvette Sport Coupe					
			67	Corvette Convertible					

DRIVE AXLE: Rear Wheel

ISSUED: REVISIONS:

0171N

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Form 2

Manufacturer General Motors Corporation Executive Order No. P-6-10 Page 2

Engine Family G1G5.7V8DAAX Exhaust Emission Control System API,TWC,EGR,CL,(EFI)

ENG. CID	ENG. CODE	AIR COND	ECM PART NO.	INJECTOR PART NO.	EGR VALVE PART NO.	ETW	DIV	B B	T M	BT	TRS	TLC	REV. NOTES
3FO	1	W & WO	16048941	17085019	17086078	3375	1	Y		07	A-4	YDK	
						3500	1	Y		07			
	3		16048931			3500	1	Y		07	M-4		
	5		16048951			3375	1	Y		07			
						3500	1	Y		07			
	7		16054541			3500	1	Y		67	A-4		
	9		16054551			3500	1	Y		67	M-4		
	11		16054561			3500	1	Y		67			
	21		16048921			3500	1	Y		07	A-4		
	23		16058861			3375	1	Y		07	M-4		
	25		16058871			3500	1	Y		67			

NOTE: Model 1YY07 equipped with 18 gallon fuel tank has ETW = 3375. Otherwise, model 1YY07 has ETW = 3500.

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP lists for correct dyno test HP settings based on model and equipment.

ISSUED: REVISIONS:

0171N

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. P-6-10 Page 2

Engine Family G1G5.7V8DAAX Exhaust Emission Control System AIP, TWC, EGR, CL (EFI)

ENG. CID	ENG. CODE	AIR COND	ECM PART NO.	RAIL & INJECTOR PART NO.	EGR VALVE PART NO.	ETW	DIV	B B	T M	BT	TNS	TLC	REV. NOTES
350	1	W &	16048941	17085019	17086078	3500	1	Y		07	A-4	YDK	
	1A	WO	I6059351										A
	1B		I6062231										C
	2		I6059721			3500	1	Y		07			B
	3		I6048931			3500	1	Y		07	M-4		
	3A		I6059341										A
	3B		I6063451										C
	4		I6059711			3500	1	Y		07			B
	5		I6048951			3500	1	Y		07			
	5A		I6059361										A
	6		I6059731			3500	1	Y		07			B
	7		I6054541			3500	1	Y		67	A-4		
	7A		I6059391										A
	7B		I6062251										C
	8		I6059761			3500	1	Y		67			B
	9		I6054551			3500	1	Y		67	M-4		
	9A		I6059401										A
	9B		I6063431										C
	10		I6059771			3500	1	Y		67			B
	11		I6054561			3500	1	Y		67			
	11A		I6059411										A
	12		I6059781			3500	1	Y		67			B

Comments: See page one for abbreviations and evaporative emission family identification Please refer to manufacturer's HP lists for correct dyno test HP settings based on model and equipment.

ISSUED:

REVISIONS: A. Engine codes 1A, 3A, 5A, 7A, 9A, 11A, 21A, 23A and 25A added by RC 61-058 on 08-05-86. B. Engine codes 2, 4, 6, 8, 10, 12, 22, 24 and 26 added by RC 61-071 on 08-07-85. C. Engine codes 1B, 3B, 7B, 9B, 21B and 23B added by RC 61-144 on 01-30-86.

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. P-6-10 Page 3

Engine Family G1G5.7V8DAAX Exhaust Emission Control System AIP, TWC, EGR, CL (EFI)

ENG. CID	ENG. CODE	AIR COND	ECM PART NO.	RAIL & INJECTOR PART NO.	EGR VALVE PART NO.	ETW	DIV	B B	T M	BT	TNS	TLC	REV. NOTES
350	21	W &	16048921	17085019	17086078	3500	1	Y		07	A-4	YDK	
	21A	WO	I6059331										A
	21B		I6062241										C
	22		I6059701			3500	1	Y		07			B
	23		I6058861			3500	1	Y		07	M-4		
	23A		I6059421										A
	23B		I6063441										C
	24		I6059791			3500	1	Y		67			B
	25		I6058871			3500	1	Y		67			
	25A		I6059431										A
	26		I6059801			3500	1	Y		67			B

Comments: See page one for abbreviations and evaporative emission family identification
Please refer to manufacturer's HP lists for correct dyno test HP settings based on model and equipment.

ISSUED:

REVISIONS: A. Engine codes 1A, 3A, 5A, 7A, 9A, 11A, 21A, 23A and 25A added by RC 61-058 on 08-05-86. B. Engine codes 2, 4, 6, 8, 10, 12, 22, 24 and 26 added by RC 61-071 on 08-07-85. Engine codes 1B, 3B, 7B, 9B, 21B and 23B added by RC 61-144 on 01-30-86.