

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-62R
Relating to Approval of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1976 model-year passenger cars are approved for the engine family described below:

Engine Family: 11K4

Engine: 350 CID, 400 CID

Transmission: 3-speed automatic

Exhaust Emission Control Systems: Catalyst Air Injection, Early Fuel Evaporation, Exhaust Gas Recirculation, Oxidation Catalyst.

Models: Chevrolet

- Caprice Classic 2 Door Sport Coupe
- Caprice Classic 4 Door Sedan
- Caprice Classic 4 Door Sport Sedan
- * Caprice Estate 2 Seat Wagon
- * Caprice Estate 3 Seat Wagon
- Malibu Classic 2 Door Coupe
- Malibu Classic 2 Door Sport Coupe
- Malibu 4 Door Sport Sedan
- Malibu Classic 4 Door Sport Sedan
- Malibu Wagon
- Malibu Classic Wagon
- Malibu Classic Estate Wagon
- Impala 2 Door Sport Coupe
- Impala 2 Door Custom Coupe
- Impala 4 Door Sedan
- Impala 4 Door Sport Sedan
- * Impala 2 Seat Wagon
- * Impala 3 Seat Wagon
- Belair 4 Door Sedan
- * Belair 2 Seat Wagon
- * Belair 3 Seat Wagon

*400 CID engine only

- + Nova 2 Door Coupe
- + Nova 2 Door Hatchback Coupe
- + Nova Concours 2 Door Coupe
- + Nova Concours 2 Door Hatchback Coupe
- + Nova 4 Door Sedan
- + Nova Concours 4 Door Sedan
- + Corvette 2 Door Sport Coupe
- + Camaro
- + Camaro "Type LT"
- Laguna 2 Door Sport Coupe
- Monte Carlo
- El Camino
- El Camino Classic

GMC

- Sprint
- Sprint Classic

+ 350 CID engine only

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1976 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
11K4	0.7	5.5	1.9

BE IT FURTHER RESOLVED: That, pending further evaluation of the applicant's general standards submission, this approval is limited to the sale of vehicles with build dates no later than December 31, 1975.

BE IT FURTHER RESOLVED: That this Executive Order is issued subject to General Motors Corporation submitting a list of all operating conditions which may lead to catalyst overheating, the provisions taken to protect against damage caused thereby and such other vehicle information concerning safety as the Air Resources Board may reasonably request.

Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 26 day of August, 1975.

G. C. Hass
 G. C. Hass, Chief
 Division of Vehicle
 Emissions Control

Distr. Carb., EGR Corrected 27 OCT 75

SUPPLEMENTARY INFORMATION
1976 MODEL YEAR

PASSENGER CARS LIGHT DUTY TRUCKS

CHEVROLET DIVISION OF GENERAL MOTORS CORP. EXECUTIVE ORDER NO. A-6-62

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Type	Mfg. Part No.	Type	Mfg. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
11K4	1AC29 1AD29 1AC37 1AD37 1AE37 1AC80 1AD80 5AC80 5AD80 1AH57 1AC35 1AD35 1AG35 1BK69 1BL39 1BL69 1BL47 1BL57 1BN39 1BN47 1BN69	350	A-3	4500	HEI C,V	1112905	4bbl.	17056502	CAIR EGR OC EFE	6498369 None None None	7046154 None	600 in Drive	6° BTDC @ 600 RPM	Factory Preset
				5000(1) 5000									7044078	

(1) was 4500 before R.C. 1-75.

ABBREVIATIONS:

- Distributor
 C - Centrifugal Advance
 V - Vacuum Advance
 VR - Vacuum Retard
 HEI - High Energy Ignition

Exhaust Emission Control System

- AIR - Air Injection Reactor
 EFI - Electronic Fuel Injection
 EGR - Exhaust Gas Recirculation
 OC - Oxidation Catalyst
 EFE - Early Fuel Evaporation

Evaporative Control System

CAN - Charcoal Canister Storage

Service*

- I - Inspect, repair/replace as needed
 R - Replace

PASSENGER CARS LIGHT DUTY TRUCKS

Chevrolet DIVISION OF GENERAL MOTORS CORP. EXECUTIVE ORDER NO. A- 6-62

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
11K4	1XX27	350	A-3	4000	HEI C,V	1112905	4bbl.	17056506/ 17056502 RC#1-93	CAIR EGR OC EFE	6498369 None	7043139 None	600 In Drive	6° BTDC @ 600 RPM	Factory Preset
	1XX17	"	"	"	"	"	"	"	"	"	"	"	"	"
	1XX69	"	"	"	"	"	"	"	"	"	"	"	"	"
	1XY27	"	"	"	"	"	"	"	"	"	"	"	"	"
	1XY17	"	"	"	"	"	"	"	"	"	"	"	"	"
	1XY69	"	"	"	"	"	"	"	"	"	"	"	"	"
	1YZ37	"	"	"	"	"	"	17056506	"	"	"	"	"	"
	1FQ87	"	"	"	"	"	"	17056502	"	"	"	"	"	"
	1FS87	"	"	"	"	"	"	"	"	"	"	"	"	"
	1AH57	400	"	4500	"	1112882	"	17056528	"	"	17051417	"	8° BTDC @ 600 RPM	"
	1AC29													
	1AD29													
	1AC37													
	1AD37													
	1AE37													
	1AC80													
	1AD80													
	5AC80													
	5AD80													

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R.C.1-75 Format revised 27 OCT 75 PASSENGER CARS LIGHT DUTY TRUCKS

CHEVROLET DIVISION OF GENERAL MOTORS CORP. EXECUTIVE ORDER NO. A- 6-62 PAGE NO. 3

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
11K4	1AC35 1AD35 1AG35 1BK69 1BL39 1BL69 1BL47 1BL57 1BN39 1BN47 1BN69 1BK35 1BK45 1BL35 1BL45 1BN35 1BN45	400	A-3	5000(1) 5000	HEI C,V	1112882	4bbl.	17056528	CAIR EGR OC EFE	6498369 None	17052382 None	600 In Drive	8° BTDC @ 600 RPM	Factory Preset
				5500							17050494			

(1) was 4500 before R.C. 1-75.

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SUPPLEMENTAL INFORMATION FORM

EXECUTIVE ORDER A-6-62

ATTACHMENT I

ENGINE FAMILY 11K4

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<u>Vehicle Model</u>	<u>Model Number</u>
Caprice Classic 2 Door Sport Coupe	1BN47
Caprice Classic 4 Door Sedan	1BN69
Caprice Classic 4 Door Sport Sedan	1BN39
Caprice Estate 2 Seat Wagon	1BN35
Caprice Estate 3 Seat Wagon	1BN45
Malibu 2 Door Sport Coupe	1AC37
Malibu Classic 2 Door Sport Coupe	1AD37
Malibu 4 Door Sport Sedan	1AC29
Malibu Classic 4 Door Sport Sedan	1AD29
Malibu Wagon	1AC35
Malibu Classic Wagon	1AD35
Malibu Classic Estate Wagon	1AG35
Impala 2 Door Sport Coupe	1BL57
Impala 2 Door Custom Coupe	1BL47
Impala 4 Door Sedan	1BL69
Impala 4 Door Sport Sedan	1BL39
Impala 2 Seat Wagon	1BL35
Impala 3 Seat Wagon	1BL45
Belair 4 Door Sedan	1BK69
Belair 2 Seat Wagon	1BK35
Belair 3 Seat Wagon	1BK45
Nova 2 Door Coupe	1XX27
Nova 2 Door Hatchback Coupe	1XX17
Nova Concours 2 Door Coupe	1XY27
Nova Concours 2 Door Hatchback Coupe	1XY17
Nova 4 Door Sedan	1XX69
Nova Concours 4 Door Sedan	1XY69
Corvette 2 Door Sport Coupe	1YZ37
Camaro	1FQ87
Camaro "Type LT"	1FS87
Laguna 2 Door Sport Coupe	1AE37
Monte Carlo	1AH57
El Camino	1AC80
El Camino Classic	1AD80
 <u>GMC Models</u>	
Sprint	5AC80
Sprint Classic	5AD80

**AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR**

R.C. 1-59 & Pg. 5 added 2 DEC 75

PASSENGER CARS LIGHT DUTY TRUCKS

CHEVROLET DIVISION OF GENERAL MOTORS CORP. EXECUTIVE ORDER NO. A-6-62 PAGE NO. 5

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Mfg. Part No.	Type	Mfg. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture	
11K4	1XX27 1XX17 1XY27 1XY17 1XX69 1XY69	350	M-4	4000	C, V (HEI)	1112905	4BbL	17056503/ 17056507	CAIR EGR OC EFE	6498369 No Serv.	7043133 No Serv.	900	6°B	Factory Preset
R.C.	1FQ87 1FS87 1-59-Entire page	"	"	"	"	"	"	17056503 Rochester Carter	"	6498369 No Serv.	7043133 No Serv.	"	"	Factory Preset

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