

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-22  
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-45-1;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1975 model-year passenger cars are approved for the engine family described below:

Engine Family: 11C23

Engine: 140 CID

Transmission: 3-speed manual, 4-speed manual, 3-speed automatic

Exhaust Emission Control System: Air injection reactor, exhaust gas recirculation, and oxidation catalyst

Models: Chevrolet

Vega Notchback Sedan

Vega Hatchback Coupe

Vega Kamback Wagon

Vega Panel Express

Monza\*

Pontiac

Astre Hatchback Coupe

Astre Kamback Wagon

Oldsmobile

Starfire\*

Buick

Skyhawk\*

\* - 3-speed manual transmission not available.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 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>
11C23	0.8	8.3	1.9

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 15 day of August, 1974.

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

PASSENGER CARS  LIGHT DUTY TRUCKS

CHEVROLET

DIVISION OF GENERAL MOTORS CORP.

EXECUTIVE ORDER NO. A-6-22

PAGE NO. 1

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
11C23	1HV05 1HV11 2HC11 (RC#176)	140	M3	2750	HEI C.V.	1112862	2Bb1	348661 W/O AC	AIR, EGR, OC	6498369	7043445	700 (Neutral)	10° @700	Factory Preset
"	1HV77 1HV15 2HV77 2HV15 2HC15 2HC77 (RC#176)	"	"	3000	"	"	"	348665 W/AC	"	"	"	"	"	"
"	1HV05 1HV11 2HC11 (RC#176) 2HC77	"	M4	2750	"	"	"	348661 W/O AC	"	"	"	"	"	"

ABBREVIATIONS:

Distributor

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

Exhaust Emission Control System

- AIR - Air Injection Reactor
- EPI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- OC - Oxidation Catalyst
- EFPE - Partly Fuel Evaporation

Evaporative Control System

- CAN - Charcoal Canister Storage

Service\*

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

PASSENGER CARS

LIGHT DUTY TRUCKS

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Engine Family	Vehicle Models (Refer to Attachment for codes)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		
					Type	Mfr. Part No.	Type	Mfr. Part No.	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture	
11C23	1HV15	140	M4	3000	HEI	1112862	2Bb1	348661	AIR, ERG, NO SERV. OC	6498369	7043445	700	10° @700 RPM (N)	Factory Preset
	1HV77							W/O AC						
	2HV15													
	2HV77													
	2HX15													
	2HX77													
	1HR07													
	3HD07													
	4HS07													
		1HM27 (RC# 17) 2HC15 (RC# 76) 2HC77												
	1HV05			3000				348665						
	1HV11							W/AC						
	1HV15													
	1HV77													
	2HV15													
	2HV77													
	2HX15													
	2HX77													
	1HR07													
	3HD07													
	4HS07													

ABBREVIATIONS:

- Distributor**
- C - Centrifugal Advance
  - V - Vacuum Advance
  - VR - Vacuum Retard
  - HEI - High Energy Ignition
- Exhaust Emission Control System**
- AIR - Air Injection Reactor
  - EPI - Electronic Fuel Injection
  - EGR - Exhaust Gas Recirculation
  - OC - Oxidation Catalyst
  - EVAP - 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-6-22

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		Idle Mixture	
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing		
11C23	1HM27	140	M4	3000	HEI	1112862	2Bb1	348665 W/AC	AIR, EGR, NO SERV. OC	6498369	7043445	700 (Neutral)	10° @ 700 RPM (Neutral)	Factory Preset	
	2HC11														(RC#176)
	2HC15														
	2HC77														
	1HV05		A3	2750	"	"	"	348662 W/O AC	"	"	704344	750 (Drive)	12° @ 750 RPM (Drive)	"	
	2HC11 (RC#176)				"	"	"		"	"					
	1HV11			3000	"	"	"		"	"					
	1HV15				"	"	"		"	"					
	1HV77				"	"	"		"	"					
	2HV15				"	"	"		"	"					
	2HV77				"	"	"		"	"					
	2HX15				"	"	"		"	"					
	2HX77				"	"	"		"	"					
	1HR07				"	"	"		"	"					
	3HD07				"	"	"		"	"					
	4HS07				"	"	"		"	"					
	1HM27 (RC#117)				"	"	"		"	"					
	2HC15 (RC#176)				"	"	"		"	"					
	2HC77				"	"	"		"	"					

ABBREVIATIONS:

- Distributor
- C - Centrifugal Advance
  - V - Vacuum Advance
  - VR - Vacuum Retard
  - HFI - High Energy Ignition
- Exhaust Emission Control System
- AIR - Air Injection Reactor
  - EPI - Electronic Fuel Injection
  - EGR - Exhaust Gas Recirculation
  - OC - Oxidation Catalyst
  - EFV - 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-622

PAGE NO. 4

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Type	Mfr. Part No.	Type	Fuel System		Emission Control System		Time-up Specifications		Idle Mixture
								Mfr. Part No.	Type	Mfr. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	
11C23	1HV05 1HV11 1HV15 1HV77 2HV15 2HV77 2HX15 2HX77 1HR07 3HD07 4HS07 1HM27 (RC#117) 2HC11 2HC15 2HC77	140	A3	3000	HEI C.V.	1112862	2Bb1	348666 W/AC	AIR, ERG, NO SERV. OC	6498369	7043444	750 (Drive)	12 @ 750 RPM (Drive)	Factory Preset
"	1HM23 (RC#133)	140	M3	3000	HEI C+V	1112862	2-V	348661 W/O AC	AIR BGR OC	6498369	7043445	700 (Neutral)	100° BTDC @ 700 RPM	Factory Preset
"	"	"	"	"	"	"	"	348665 W/AC	"	"	"	"	"	"

ABBREVIATIONS:

- Distributor**
- C - Centrifugal Advance
  - V - Vacuum Advance
  - VR - Vacuum Retard
  - HEI - High Energy Ignition
- Exhaust Emission Control System**
- AIR - Air Injection Reactor
  - EPI - Electronic Fuel Injection
  - EGR - Exhaust Gas Recirculation
  - OC - Oxidation Catalyst
  - EVAP - Evaporative Control System
- EVaporative Control System**
- CAN - Charcoal Canister Storage
- Service\***
- I - Inspect, repair/replace as needed
  - R - Replace

ATTACHMENT I  
OF SUPPLEMENTAL INFORMATION FORM

<u>MODEL NAME</u>	<u>MODEL NUMBER</u>
Vega Panel Express	1HV05
Vega Notchback Sedan	1HV11
Vega Kammback Wagon	1HV15
Vega Hatchback Coupe	1HV77
Astre Kammback Wagon	2HW15
Astre Hatchback Coupe	2HV77
Astre Kammback Wagon	2HX15
Astre Hatchback Coupe	2HX77
Monza	1HR07
Starfire	3HD07
Sky Hawk	4HS07
Monza Notchback Coupe	1HM27 (RC#117)
Astre S Notchback Sedan	2HC11
Astre S Kammback Wagon	2HC15
Astre S Hatchback Coupe	2HC77