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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-12
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;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1974 model year light-duty motor vehicles are approved for the engine families described below:

Engine Family: GM101-1
Emission Control System: Engine Modification (CCS) and Exhaust Gas Recirculation.
Engine: 140 CID with 1-Venturi Carburetor.

Vehicle Models:

Model Name	Model Number
Vega Hatachback Coupe	1 HV 77
Vega Notchback Sedan	1 HV 11
Vega Kammback Wagon	1 HV 15
Vega Panel Express	1 HV 05

Engine Family: GM104-4

Emission Control System: Air Injection Reaction and Exhaust Gas Recirculation.
Engine: 350 CID and 400 CID with 4-Venturi Carburetor.

Vehicle Models:

Chevrolet Models	Model Number
Malibu 2Dr Sport Coupe	1 AC 37
Malibu 4DR Sedan	1 AC 29
Malibu Classic 2 DR Sport Coupe	1 AD 37
Malibu Classic 4 Dr Sedan	1 AD 29
Laguna Type S3 2 Dr Sport Coupe	1 AE 37

Vehicle Models: (Cont.)

Chevrolet Models	Model Number
Malibu Wagon	1 AC 35
Malibu Classic Wagon	1 AD 35
Malibu Classic Estate Wagon	1 AG 35
El Camino	1 AC 80
El Camino Classic	1 AD 80
Monte Carlo	1 AH 57
Camaro	1 FQ 87
Camaro "LT"	1 FS 87
Corvette 2 DR Sport Coupe	1 YZ 37
Corvette 2 DR Convertible	1 YZ 67
Nova 2 DR Coupe	1 XX 27
Nova 2 DR Hatachback Coupe	1 XX 17
Nova 4 DR Sedan	1 XX 69
Nova Custom 2 DR Coupe	1 XY 27
Nova Custom Hatchback Coupe	1 XY 17
Nova Custom 4 DR Sedan	1 XY 69
Belair 4 DR Sedan	1 BK 69
Impala 2 DR Sport Coupe	1 BL 57
Impala 2 DR Custom Coupe	1 BL 47
Impala 4 DR Sport Sedan	1 BL 39
Impala 4 DR Sedan	1 BL 69
Caprice Classic 2 DR Sport Coupe	1 BN 47
Caprice Classic 2 DR Convertible	1 BN 67
Caprice Classic 4 DR Sedan	1 BN 69
Caprice Classic 4 DR Sport Sedan	1 BN 39
Belair 2 Seat Wagon	1 BK 35
Belair 3 Seat Wagon	1 BK 45
Impala 2 Seat Wagon	1 BL 35
Impala 3 Seat Wagon	1 BL 45
Caprice Classic 2 Seat Wagon	1 BN 35
Caprice Classic 3 Seat Wagon	1 BN 45
C-10 Blazer	CC10514
C-10 Stepside Pickup (117 WB)	CC10703 + E62
C-10 Stepside Pickup (131 WB)	CC10903 + E62
C-10 Fleetside Pickup (117 WB)	CC10703 + E63
C-10 Fleetside Pickup (131 WB)	TC10903 + E63
C-10 Suburban	CC10906

Vehicle Models: (Cont.)

Chevrolet Models	Model Number
G-10 Chevy Van (110WB)	CG11005
G-10 Chevy Van (125 WB)	CG11305
G-10 Sport Van (110 WB)	CG11006
G-10 Sport Van (125 WB)	CG11306
G-10 Beauville Sport Van (110 WB)	CG11006 + E94
G-10 Beauville Sport Van (125 WB)	CG11306 + E94
G-20 Chevy Van (110 WB)	CG21005
G-20 Chevy Van (125 WB)	CG21305
G-20 Sport Van (110 WB)	CG21006
G-20 Sport Van (125 WB)	CG21306
G-20 Beauville Sport Van (110 WB)	CG21006 + E94
G-20 Beauville Sport Van (125 WB)	CG21306 + E94
G-30 Sport Van (125 WB)	CG31306
G-30 Beauville Sport Van (125 WB)	CG31306 + E94
K-10 Blazer	CK10514
K-10 Stepside Pickup (117 WB)	CK10703 + E62
K-10 Stepside Pickup (131 WB)	CK10903 + E62
K-10 Fleetside Pickup (117 WB)	CK10703 + E63
K-10 Fleetside Pickup (131 WB)	CK10903 + E63

G.M.C. Truck & Coach Models	Model Number
Sprint	5AC80
Sprint Custom	5AD80
C-15 Jimmy	TC10514
C-15 Fenderside Pickup (117 WB)	TC10703 + E62
C-15 Fenderside Pickup (131 WB)	TC10903 + E62
C-15 Wideside Pickup (117 WB)	TC10703 + E63
C-15 Wideside Pickup (131 WB)	TC10903 + E63
C-15 Suburban	TC10906
G-15 Van Dura (110 WB)	TG11005
G-15 Van Dura (125 WB)	TG11305
G-15 Rally Wagon (110 WB)	TG11006
G-15 Rally Wagon (125 WB)	TG11306
G-15 Rally STX (110 WB)	TG11006 + E94
G-15 Rally STX (125 WB)	TG11306 + E94
G-25 Van Dura (110 WB)	TG21005
G-25 Van Dura (125 WB)	TG21305
G-25 Rally Wagon (110 WB)	TG21006
G-25 Rally Wagon (125 WB)	TG21306
G-25 Rally STX (110 WB)	TG21006 + E94

Vehicle Models: (Cont.)

G.M.C. Truck & Coach Models	Model Number
G-25 Rally STX (125 WB)	TG21306 + E94
G-35 Rally Wagon (110 WB)	TG31306
G-35 Rally STX (125 WB)	TG31306 + E94
K-15 Jimmy	TK10514
K-15 Fenderside (117 WB)	TK10703 + E62
K-15 Fenderside (131 WB)	TK10903 + E62
K-15 Wideside (117 WB)	TK10703 + E63
K-15 Wideside (131 WB)	TC10903 + E63

Engine Family: GM105

Emission Control System: Air Injection Reaction and Exhaust Gas Recirculation.

Engine: 454 CID

Vehicle Models:

Model Name	Model Number
Laguna Sport Coupe	1AE37
Malibu Sport Coupe	1AC37
Malibu Sedan	1AC29
Malibu Classic Sport Coupe	1AD37
Malibu Classic Sedan	1AD29
El Camino Classic	1AD80
El Camino	1AC80
Malibu Classic Estate Wagon	1AG35
Malibu Classic Wagon	1AD35
Malibu Wagon	1AC35
Monte Carlo Coupe	1AH57
Caprice Classic Coupe	1BN47
Caprice Classic Sport Sedan	1BN39
Caprice Classic Sedan	1BN69
Caprice Classic Convertible	1BN67
Impala Sport Coupe	1BL57
Impala Sport Sedan	1BL39
Impala Sedan	1BL69
Impala Custom Coupe	1BL47
Bel Air Sedan	1BK69

Vehicle Models: (Cont.)

Model Name	Model Number
Caprice Estate 2 Seat Wagon	1BN35
Impala 2 Seat Wagon	1BL35
Impala 3 Seat Wagon	1BL45
Bel Air 2 Wagon	1BK35
Bel Air 3 Seat Wagon	1BK45
Caprice Estate 3 Seat Wagon	1BN45
Stepside P.U. (117 W.B.)	CC10703+E62
Stepside P.U. (131 W.B.)	CC10903+E62
Fleetside P.U. (117 W.B.)	CC10703+E63
Suburban (129 W.B.)	CC10906
Fleetside P.U. (131 W.B.)	CC10903+E63
Suburban (129 W.B.)	CC20906
Corvette Coupe	1YZ37
Corvette Convertible	1YZ67
Sprint Custom	5AD80
Spring	5AC80
Fenderside P.U. (117 W.B.)	TC10703+E62
Fenderside P.U. (131 W.B.)	TC10903+E62
Wideside P.U. (117 W.B.)	TC10703+E63
Suburban (129 W.B.)	TC10906
Wideside P.U. (131 W.B.)	TC10903+E63
Suburban (129 W.B.)	TC20906

Engine Family: GM601

Emission Control System: Engine Modification (CCS) and Exhaust Gas Recirculation.

Engine: 115.8 CID

Vehicle Models: Manta, Manta Luxus, Manta Rallye, Opel 1900.

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
GM101-1	2.7	26	1.8
GM104-4	3.2	30	2.0
GM105	2.9	37	1.9
GM601	3.1	34	1.8

According to the California Assembly-Line Test Procedure for 1974 Model Light-Duty Gasoline Powered Vehicles, these values shall be in effect during the first calendar quarter of model production and not to exceed 30 days thereafter. Not more than one month after the first and each succeeding calendar quarter of production, the exhaust emission shown on the window decal shall be the average quality audit values for the engine family of the previous calendar quarter of production.

Section B3 of the above procedure requires the manufacturer to submit to the Executive Officer before the start of the model-year, a list of the engine components and control systems affecting emissions to be functionally checked and the procedure for performing these checks.

In accordance with Section II E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

EXECUTIVE ORDER A-6-12 GENERAL MOTORS CORPORATION

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

Executed at Sacramento, California, this 13 day of September, 1973.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

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MANUFACTURER: GENERAL MOTORS CORPORATION - Chevrolet Division

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
Vega Hatchback Coupe, Vega Notchback Sedan, Vega Panel Express, Vega Kammback Wagon	140	1 Barrel	M-3 & M-4	GM 101-1	2750	700 in Neutral	10°BTDC @ 700 in Neutral	Set by Lean Drop Method 800 to 700 RPM in Neutral
Vega Hatchback Coupe, Vega Notchback Sedan, Vega Panel Express			A-3			750 in Drive	12°BTDC @ 750 in Drive	Set by Lean Drop Method 800 to 750 RPM in Drive
Vega Kammback Wagon					3000			

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							Exhaust	NOx	Evap.	Other
Vega Hatchback Coupe, Vega Notchback Sedan, Vega Panel Express, Vega Kammback Wagon	140	1 Barrel	M-3 & M-4	Delco Remy 1110496	C-V	Rochester 7044333 A/C 7044323	EM(CCS)	EGR 7049873	CAN	TCS
Vega Hatchback Coupe, Vega Notchback Sedan, Vega Panel Express			A-3			Rochester 7044334 A/C 7044324		EGR 7049875		
Vega Kammback Wagon										

* C - Centrifugal
V - Vacuum
VR - Vacuum retard

** A/C - Vehicles equipped with Air Conditioning.
EM(CCS) - Engine Modification (Controlled Combustion System).
EGR - Exhaust Gas Recirculation.
CAN - GMECS Charcoal Canister.
TCS - Transmission Controlled Spark Advance.

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						Idle RPM	Basic Timing	Idle CO or AFR
Malibu 2 Dr Sport Coupe, Malibu 4 Dr Sedan, Malibu Classic 2 Dr Spt Coupe, Malibu Classic 4 Dr Sdn, Laguna S3 2 Dr Spt Cpe, Malibu Wagon, El Camino, Sprint, El Camino Classic, Sprint Custom, Stepside P.U., Fenderside P.U., Fleetside P.U., Wideside PU Monte Carlo	350	4 Barrels	M-3	GM104-4	4500	900 RPM in Neutral	4°BTDC @ 900 in Neutral	Set by Lean Drop Method 950 to 900 RPM in Neutral
Stepside, Fenderside Pickups					4000			
Fleetside P.U., Wideside P.U.					5000			
Blazer, Jimmy, Stepside P.U., Fenderside, P.U., Fleetside P.U., Wideside P.U.			M-4		4500			
Stepside, Fenderside, Fleetside, Wideside P.U.'s.					5000			

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							Exhaust	NOx	Evap.	Other
alibu 2 Dr Sport oupe, Malibu 4 r Sedan, Malibu lassic 2 Dr Spt oupe, Malibu lassic 4 Dr Sdn, aguna S3 2 Dr pt Cpe, Malibu agon, El Camino, print, El Camino lassic, Sprint ustom, Stepside .U., Fenderside .U., Fleetside .U., Wideside PU onte Carlo	350	4 Barrels	M-3	Delco Remy 1112543	C-V	Rochester 7044503	AIR	EGR 7040599	CAN	TCS
tepside, Fender-ide Pickups										
leetside P.U., ideside P.U.										
azer, Jimmy, tepside P.U., enderside P.U., eetside P.U., deside P.U.			M-4							
epside, Fender-de, Fleetside, deside P.U.'s.										

C - Centrifugal
V - Vacuum
VR - Vacuum retard

** AIR - Air Injection Reaction
EGR - Exhaust Gas Recirculation
CAN - GMECS Charcoal Canister
TCS - Transmission Controlled Spark Advance.

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						Idle RPM	Basic Timing	Idle CO or AFR
Belair 4 Dr Sedan, Impala 2 Dr Sport Coupe, Impala 2-Dr Custom Coupe, Impala 4 Dr Sedan, Malibu 2 Dr Sport Cpe, Malibu 4 Dr Sdn, Malibu Classic 2 Dr Sport Cpe, Malibu Classic 4 Dr Sdn, Laguna S3 2 Dr Sport Cpe, Malibu Wagon, Monte Carlo, El Camino, Sprint, El Camino Classic Sprint Cstm, Stepside, Fenderside, Fleetside, Wideside PUs, Blazer, Jimmy	350	4 Barrels	A-3	GM-104-4	4500	600 RPM in Drive	8°BTDC @ 600 in Drive	Set by Lean Drop Method 630 to 600 RPM in Drive
Impala 4-Dr Sport Sdn, Malibu Classic Wagon, Malibu Classic Estate Wgn, Fleetside, Wideside Fenderside Stepside P.U.s					5000			
Blazer, Jimmy, Stepside, Fenderside Pickups					4,000			

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							Exhaust	NOx	Evap.	Other
elair 4 Dr Sedan, mpala 2 Dr Sport oupe, Impala 2-r Custom Coupe, mpala 4 Dr Sedan, alibu 2 Dr Sport pe, Malibu 4 Dr dn, Malibu Clas-ic 2 Dr Sport pe, Malibu Clas-ic 4 Dr Sdn, aguna S3 2 Dr port Cpe, Malibu agon, Monte Carlo, Camino, Sprint, Camino Classic rint Custom, epside, Fender-de, Fleetside 's, Blazer,Jimmy pala 4-Dr Sport n, Malibu Clas-c Wagon, Malibu assic Estate Wgn, eetside, Wide-de, Stepside, nderside P.U.'s azer, Jimmy,	350	4 Barrels	A-3	Delco Remy 1112093	C-V	Rochester 7044502	AIR	EGR 7040437	CAN	

** AIR - Air Injection Reaction
EGR - Exhaust Gas Recirculation
CAN - GMECS Charcoal Canister

C - Centrifugal
V - Vacuum
VR - Vacuum retard

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						Idle RPM	Basic Timing	Idle CO or AFR
Corvette 2 Dr, Sport Cpe, Corvette 2 Dr Convt	350	4 Barrels	M-4	GM-104-4	4000	900 RPM in Neutral	4°BTDC @ 900 RPM in Neutral	Set by Lean Drop Method 950 to 900 RPM
			A-3			600 RPM in Drive	8°BTDC @ 600 RPM in Drive	
Belair 4 Dr Sdn, Impala 2 Dr Sport Cpe, Impala 2 Dr Custom Cpe, Malibu 2 Dr Sport Cpe, Malibu 4 Dr Sdn, Malibu Classic 2 Dr Sport Cpe, Malibu Classic 4 Dr Sdn, Laguna S3 2 Dr Sport Cpe, Malibu Wgn, Monte Carlo, El Camino, Sprint, El Camino Classic, Sprint Custom	400				4500			Set by Lean Drop Method 630 to 600 RPM
Impala 4 Dr Sdn, Impala 4 Dr Sport Sdn, Caprice Classic 2 Dr Sport Cpe-- 2 Dr Convrt -4 Dr Sdn -4 Dr Sport Sdn, Malibu Classic Wgn, Malibu Classic Estate Wgn					5000			

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orvette 2 Dr port Cpe, Cor-ette 2 Dr Convt	350	4 Barrels	M-4	1112544 or 1112150	C-V	7044507 or 7044211	AIR	EGR 7040599	CAN	TCS
				1112247 or 1112150		7044506 or 7044210		EGR 7040437		
elair 4 Dr Sdn, mpala 2 Dr Sport pe, Impala Dr Custom Cpe, alibu 2 Dr Sport pe, Malibu 4 Dr dn, Malibu Clas-ic 2 Dr Sport pe, Malibu Clas-ic 4 Dr Sdn, aguna S3 2 Dr port Cpe, Malibu gn, Monte Carlo, l Camino, Sprint, l Camino Classic, print Custom, mpala 4 Dr Sdn, mpala 4 Dr Sport dn, Caprice Clas-ic 2 Dr Sport Cpe Dr Convrt -4 Dr dn -4 Dr Sport dn, Malibu Clas-ic Wgn, Malibu lassic Estate Wgn	400			1112545		7044526		EGR 7041416		

** AIR - Air Injection Reaction
EGR - Exhaust Gas Recirculation
CAN - GMECS Charcoal Canister
TCS - Transmission Controlled Spark Advance.

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V - Vacuum
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						Idle RPM	Basic Timing	Idle CO or AFR
Belair 2 & 3 seat Wagon, Impala 2 & 3 seat Wgn, Caprice Classic 2 & 3 seat Wagon	400	4 Barrels	A-3	GM-104-4	5500	600 RPM in Drive	8°BTDC @ 600 RPM in Drive	Set by Lean Drop Method 630 to 600 RPM

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Delco Remy Distributor Make & No.	Type Adv.*	Rochester Carburetor Make & No.	Emission Control System**			
							Exhaust	NOx	Evap.	Other
elair 2 & 3 seat agon, Impala 2 & seat Wgn, aprice Classic 2 3 seat Wagon	400	4 Barrels	A-3	1112545	C-V	7044526	AIR	EGR 7041416	CAN	

** AIR - Air Injection Reaction
EGR - Exhaust Gas Recirculation
CAN - GMECS Charcoal Canister
TCS - Transmission Controlled Spark Advance.

C - Centrifugal
V - Vacuum
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						Idle RPM	Basic Timing	Idle CO or AFR
Camaro, Camaro LT Nova 2 Dr Cpe, Nova 4 Dr Sdn, & 2 Dr Hatchback Cpe, Nova Custom 2 Dr Cpe -4 Dr Sdn - & 2 Dr Hatchback.	350	4 Barrels	M-3 & M-4	GM 104-4	4000	900 RPM in Neutral	4°BTDC @ 900 RPM in Neutral	Set by Lean Drop Method 950 to 900 RPM
			A-3			600 RPM in Drive	8°BTDC @ 600 RPM in Drive	Set by Lean Drop Method 630 to 600 RPM
			M-4			900 RPM in Neutral	8°BTDC @ 900 RPM in Neutral	950 to 900 RPM
			A-3			700 RPM in Drive	8°BTDC @ 700 RPM in Drive	730 to 700 RPM
Chevy Van, Van Dura			M-3			900 RPM in Neutral	4°BTDC @ 900 RPM in Neutral	950 to 900 RPM
Chevy Van, Van Dura, Sport Van, Rally Wgn, Beauville Sport Van, Rally STX					4500			
Sport Van, Rally Wgn, Beauville Sport Van, Rally STX					5000			
Chevy Van, Van Dura			A-3		4000 & 4500	600 RPM in Drive	8°BTDC @ 600 RPM in Drive	630 to 600 RPM
Sportvan, Rally-Wagn, Beauville Sport Van, Rally STX					4500 & 5000			
Suburban					5000		6°BTDC @ 600 RPM in Drive	

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amaro, Camaro LT ova 2 Dr Cpe, ova 4 Dr Sdn, & Dr Hatchback Cpe, ova Custom 2 Dr pe -4 Dr Sdn - & Dr Hatchback.	350	4 Barrels	M-3 & M-4	1112543	C-V	Camaros 7044503 Nova's 7044507	AIR	7040599	CAN	TCS
			A-3	1112093		Camaros 7044502 Nova's 7044506		7040437		
			M-4#	1112148		7044209		7040299		TCS
			A-3	1112528 MP**		7044208		7041413		
hevy Van, Van ura, Sport Van, ally Wgn, Beau-ille, Sport Van, ally STX			M-3	1112543		7044519		7040437		TCS
hevy Van, Van ura			A-3	1112093		7044518		7040437		
portvan, Rally gn, Beauville ptvan, Rally STX								7041416		
uburban				1112832		7044502		7041416		

** MP - Magnetic Pulse
AIR - Air Injection Reaction
EGR - Exhaust Gas Recirculation
CAN - GMECS Charcoal Canister
TCS - Transmission Controlled Spark Advance.
Camaro's only.

C - Centrifugal
V - Vacuum
VR - Vacuum retard

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
Corvette Cpe and Convertible	454	4 Barrels	A-3	GM105	4000	600 RPM in Drive	10°BTDC @ 600 in Drive	Set by Lean Drop Method 630 to 600 RPM
			M-4			800 RPM in Neutral	10°BTDC @ 800 in Neutral	850 to 800 RPM
Malibu Sport Cpe, Sedan, Classic Sport Cpe, Classic Sdn, El Camino Sprint, El Camino Classic, Sprint Custom, Monte Carlo, C-10 Stepside, Fenderside, Fleetside, Wideside, Chassis Cab			A-3		4500	600 RPM in Drive	10°BTDC @ 600 in Drive	630 to 600 RPM
C-10 Suburban, Fleetside, Wideside, Caprice Classic Cpe, Sport Sdn, Sedan-Convertible.					5000			

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Delco Remy Distributor Make & No.	Type Adv.*	Rochester Carburetor Make & No.	Emission Control System ** Exhaust	NOx	Evap.	Other
	454	4 Barrels	A-3	1112113 1112527 HFI**	C-V	7044500	AIR	EGR 7041425	CAN	
orvette Cpe and onvertible			M-4	1112114		7044505		EGR 7041426		TCS
alibu Sport Cpe dn, Classic Sport pe, Classic Sedn, l Camino, Sprint, l Camino Classic, print Custom, onte Carlo, -10 Stepside, enderside, Fleet-ide, Wideside, hassis Cab, C-10 uburban, Caprice lassic-Cpe-Sport dn-Sdn Convertble			A-3	1112113 1112527 HEI		7044500		EGR 7041425		

**HEI - High Energy Ignition
AIR - Air Injection Reaction
EGR - Exhaust Gas Recirculation
CAN - GMECS Charcoal Canister
TCS - Transmission Controlled Spark Advance.

EGR - Exha
C - Centrifugal
V - Vacuum
VR - Vacuum retard

REVISED 1-15-74

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

MANUFACTURER: GENERAL MOTORS CORPORATION - Chevrolet Division

EXECUTIVE ORDER A-6-12

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications: Idle RPM	Tune-up Specifications: Basic Timing	Tune-up Specifications: Idle CO or AFR
Impala Sport Coupe Sport Sedan, Sedan, Custom Coupe Bel Air Sedan Laguna Sport Coupe Malibu Wagon Classic Wagon Classic Estate Wagon	454	4 Barrel	A-3	GM105	5000	600 rpm in drive	10° BTDC @ 600 in Drive	Set by lean drop method 630 to 600 rpm
Caprice Estate 2 & 3 Seat Wagon Impala 2 and 3 Seat Wagons Bel Air 2 and 3 Seat Wagons					5500			
Laguna Sport Coupe Malibu Sport Coupe Classic Sport Coupe, El Camino, Sprint El Camino Classic Sprint Custom			M-4		4500	800 RPM in neutral	10°BTDC @ 800 in neutral	Set by Lean Drop Method 850 to 800 RPM
C-20 Suburban			A-3		5500	600 rpm in drive	10°BTDC @ 600 in drive	Set by lean drop method ~~630 to 600 rpm~~

AIR RESOURC BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

ANUFACTURER: GENERAL MOTORS CORPORATION - Chevrolet Division

EXECUTIVE ORDER A-6-12

Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System: Exhaust	Emission Control System: NOx	Emission Control System: Evap.	Emission Control System: Other
mpala Sport Coupe Sport Sedan, Sedan, Custom Coupe Bel Air Sedan Laguna Sport Coupe, Malibu Wagon Classic Wagon Classic Estate Wagon	454	4 Barrel	A-3	Delco-Remy 1112113 1112527HEI	C-V	Rochester 7044500	AIR	EGR 7041425	CAN	
price Estate & 3 Seat Wagon mpala 2 and 3 Seat Wagon l Air 2 and 3 Seat Wagon										
aguna Sport Coupe alibu Sport Coupe Classic Sport Coupe l Camino, Sprint l Camino Classic print Custom			M-4	Delco-Remy 1112113		Rochester 7044201		EGR 7041426		TCS
-20 Suburban			A-3	Delco-Remy 1112504		Rochester 7044520		EGR 7041427		

C - Centrifugal
V - Vacuum
VR - Vacuum retard

** HEI - High Energy Ignition
AIR - Air Injection Reaction
EGR - Exhaust Gas Recirculation
CAN - GMECS Charcoal Canister
TCS - Transmission Controlled Spark Advance.

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

MANUFACTURER: GENERAL MOTORS CORPORATION - Opel Division

EXECUTIVE ORDER A-6-12

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
Manta	115.8	2 Bbl	M-4	GM 601	2500	850-900 in neutral	0° BTDC @ 850-900 RPM in neutral	1 to 2% CO
Manta Luxus								
Manta Rallye								
Opel 1900			A-3			800 - 850 in neutral	0° BTDC @ 800-850 RPM in neutral	

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

MANUFACTURER: GENERAL MOTORS CORPORATION - Opel Division

EXECUTIVE ORDER A-6-12

Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System **			
							Exhaust	NOx	Evap.	Other
Manta	115.8	2 Bbl	M-4	Bosch 3467843	C-V	Solex 3441834, 3441835, 3441836, 3441837	EM(CCS)	EGR 9281223 Man.Vac 9281224 Ported Vac.	Can.	
Manta Luxus										
Manta Rallye										
Opel 1900			A-3							

** EM (CCS) - Engine Modification (Controlled Combustion System)
EGR - Exhaust Gas Recirculation
CAN - GMECS Charcoal Canister

C - Centrifugal
V - Vacuum
VR - Vacuum retard