

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-10  
Relating to Approval of New Motor Vehicles

AMERICAN 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 American Motors Corporation exhaust emission control systems for 1975 model-year passenger cars are approved for the engine family described below:

Engine Family: I-C

Exhaust Emission Control Systems: Exhaust gas recirculation, air injection, oxidation catalyst, engine modification

Engine: 232 CID

Models:

- Manual Transmission (M-3)
  - Gremlin (2 dr sedan), Hornet (2 & 4 dr sedan, hatchback, wagon) Pacer
- Automatic Transmission (A-3)
  - Gremlin (2 dr sedan), Hornet (2 & 4 dr sedan, hatchback, wagon), Pacer

Engine: 258 CID

Models:

- Manual Transmission (M-3)
  - Gremlin (2 dr sedan), Hornet (hatchback), Pacer
- Automatic Transmission (A-3)
  - Gremlin (2 dr sedan), Hornet (hatchback), Pacer

Engine Family: II-C

Exhaust Emission Control Systems: Exhaust gas recirculation, air injection, oxidation catalyst, engine modification

Engine: 304 CID

Models:

- Manual Transmission (M-3)
  - Gremlin (2 dr sedan), Hornet (hatchback)
- Automatic Transmission (A-3)
  - Gremlin (2 dr sedan) Hornet (2 & 4 dr sedan, hatchback, wagon), Matador (2 & 4 dr sedan, wagon)

Engine Family: III-C

Exhaust Emission Control Systems: Exhaust gas recirculation, air injection, oxidation catalyst, engine modification

Engine: 360 CID

Models:

Automatic Transmission (A-3)  
Matador (2 and 4 door sedan, wagon)

Engine Family: IV-C

Exhaust Emission Control Systems: Exhaust gas recirculation, air injection, oxidation catalyst, engine modification

Engine: 360 CID, 401 CID

Models:

Automatic Transmission (A-3)  
Matador (2 and 4 door sedan, wagon)

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>
I-C	0.5	7.5	1.9
II-C	0.6	7.4	1.9
III-C	0.5	4.3	2.0
IV-C	0.6	7.7	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 27<sup>th</sup> day of September, 1974.

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

By:

*J. C. Chipman*  
J. C. Chipman, Chief  
Vehicle Testing and Operations

PASSENGER CARS  
 LIGHT-DUTY TRUCKS

Running Change #25-13 (Rev. 4/2/75)  
 April 21, 1976

MANUFACTURER: AMERICAN MOTORS CORPORATION EXECUTIVE ORDER NO. A-17-10 PAGE NO. 1 of 2

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications															
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture												
I-C	Grenljin	232	A-3	3000#	C, V	Prestolite 3224969	1-1V	Carter 7061	EGR, AI, OC, Can.	3224569 No service	3225951, which is 7043589 (BLACK dot)	700 (D)	5° BTDC @ 700(D) with distri-vacuum disconnected	25 rpm Lean Drop												
															"	"	"	"	"	"	"	"				
															"	"	"	"	"	"	"	"	"	"		
															"	"	"	"	"	"	"	"	"	"	"	
															"	"	"	"	"	"	"	"	"	"	"	"
															"	"	"	"	"	"	"	"	"	"	"	"
II-C	Grenljin	304	A-3	3500#	C, V	Prestolite 3224966	1-2V	Motorcraft 5DA2	EGR, AI, OC, CAN	3224568-9 No service	3225951, which is 7043589 (BLACK dot)	700 (D)	5° BTDC @ 700(D) vac. disc.	20 rpm Lean dro												
															"	"	"	"	"	"	"	"				
															"	"	"	"	"	"	"	"	"	"		

Abbreviations:  
 Distributor  
 C - Centrifugal Advance  
 V - Vacuum Advance  
 Exhaust Emission Control System  
 AI - Air Injection  
 EFI - Electronic Fuel Injection  
 EGR - Exhaust Gas Recirculation  
 FI - Fuel Injection  
 OC - Oxidation Catalyst  
 RC - Reduction Catalyst  
 TR - Thermal Reactor  
 Evaporative Control System  
 CAN - Charcoal Canister Storage  
 TS - Tank Storage  
 \*Service  
 I - Inspect, repair/replace as nee

MANUFACTURER: American Motors Corporation      EXECUTIVE ORDER NO. A-17-10      PAGE NO. 1-1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans. Weight	Inertia	Distributor		Fuel System		Emission Control System			Tune-up Specifications		
					Mfg. Part No.	Type	Mfg. Part No.	Type	OC <input checked="" type="checkbox"/>	TR <input type="checkbox"/>	EGR Part No.	Idle RPM	Basic Timing	Idle Mixture
I-C	Grenlin Hornet	232	A-3	3000 3500 3500	C, V	Prestolite 3224969a	1-V	Carter 7061a	EGR AI OC CAN	3224569 3224568 Service	3227598 <sup>b</sup> (17051782)	700 (D)	5° BTDC @700 RPM in drive	25 RPM Lean drop
	Grenlin Hornet Pacer	258	A-3	3000 3500 3500	C, V	Prestolite 3224969a	1-V	Carter 7061a	EGR AI OC CAN	3224569 3224568 No Service	3227598 <sup>b</sup> (17051782)	700 (D)	3° BTDC @ 700 RPM in drive	25 RPM Lean drop
						a Number actually appearing on component. b American Motors' Part Number.								

Abbreviations:

- |                         |                                       |
|-------------------------|---------------------------------------|
| Distributor             | Exhaust Emission Control System       |
| C - Centrifugal Advance | AI - Air Injection                    |
| V - Vacuum Advance      | EFI - Electronic Fuel Injection       |
| VR - Vacuum Retard      | EGR - Exhaust Gas Recirculation       |
|                         | EM - Engine Modifications             |
|                         | FI - Fuel Injection                   |
|                         | OC - Oxidation Catalyst               |
|                         | RC - Reduction Catalyst               |
|                         | TR - Thermal Reactor                  |
|                         | Evaporative Control System            |
|                         | CAN - Charcoal Canister Storage       |
|                         | TS - Tank Storage                     |
|                         | *Service                              |
|                         | I - Inspect, repair/replace as needed |
|                         | R - Replace                           |

ATR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR

PASSENGER CARS

LIGHT-DUTY TRUCKS

MANUFACTURER: AMERICAN MOTORS CORPORATION

EXECUTIVE ORDER NO. A-17-10

PAGE NO. 2

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications		Basic Timing	Idle Mixture
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	EGR Part No. Service*		
II-C (Cont'd)	Hornet	304	A-3	3500#	C, V	Prestolite 1-2V 3224966	Motorcraft 5DA2	EGR, AI, OC, Can.	3224568-9	No service	3225951	700 (D)	5° BTDC @ 700 (D)	20 rpm Lean drop
	Hornet Wagon	304	A-3	<del>3500#</del> 4500#	"	"	"	"	"	"	"	"	"	"
	Matador	"	"	4500#	"	"	"	"	"	"	"	"	"	"
	Grenlin	304	M-3	3500#	C, V	Prestolite 1-2V 3224965	Motorcraft 5DM2	"	"	"	"	750 (N)	5° BTDC @ 750 (N)	40 rpm Lean drop
IIC	Hornet	"	"	3500#	"	"	"	"	"	"	"	"	"	"
	Matador	360	A-3	4500	C, V	Prestolite 1-2V 3224746	Motorcraft 5RA2	EGR, AI, OC, Can.	3224568-9	No service	3223981	700 (D)	5° BTDC @ 700 (D)	20 rpm Lean drop
IVC	Matador	360	A-3	4500	C, V	Prestolite 1-4V 3224746	Motorcraft 5TA4	EGR, AI, OC, Can.	3224568-9	No service	3225951	700 (D)	5° BTDC @ 700 (D)	20 rpm Lean drop
		401	A-3	4500	C, V	Prestolite 1-4V 3224746	Motorcraft 5TA4	EGR, AI, OC, Can.	3224568-9	No service	3225951	700 (D)	5° BTDC @ 700 (D)	20 rpm Lean drop

Abbreviations:

Distributor

C - Centrifugal Advance

V - Vacuum Advance

VR - Vacuum Retard

Exhaust Emission Control System

AI - Air Injection

EFI - Electronic Fuel Injection

EGR - Exhaust Gas Recirculation

EM - Engine Modifications

FI - Fuel Injection

OC - Oxidation Catalyst

RC - Reduction Catalyst

TR - Thermal Reactor

Evaporative Control System

CAN - Charcoal Canister Storage

TS - Tank Storage

\*Service

I - Inspect, repair/replace as needed

R - Replace