

# **SPACE AGE STAR**

**AUGUST 2016**



**THIS MONTH: SPACE AGE CHEVROLETS AT THE AACA GRAND NATIONAL AND CHEVROLET POLICE CARS.**



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### EDITOR'S NOTES:

I'm sure everyone remembers the "for sale" ads I ran in the newsletter for my 1961 Bel Air Sport Sedan. I also advertised it in *Antique Automobile*. I got no action from those ads, so I advertised the car locally. A young man, probably in his thirties, responded to the local ad and came to my house to see the car. He owns a body shop and really liked the Bel Air. As we were talking, he inspected the car and offered me a barter. He owns a body shop and offered me a paint job on my 1965 Impala in trade for the Bel Air. I planned on using the sale proceeds on a paint job anyway, so I accepted his offer. As you read this, the Impala should be in the shop getting ready for paint. I hope to post photos and an article about the Impala's paint job in a future newsletter.

The Grand National meet was amazing. I strongly recommend attending the Grand National if it's scheduled in your area. *Antique Automobile* lists the upcoming 2017 and 2018 meets.

I was a spectator at this year's meet. I rode along with region Vice President John Mahoney and region member Larry Federico. John's 1962 Biscayne is featured on this month's cover. John earned a Repeat Senior Grand National award. Look in the Meets and Tours section of the forums on the AACA web site for the meet results. The current *Antique Automobile* features a meet article.

I hoped to recruit new members at the meet, but I noticed everyone diligently preparing their cars

for judging, so I didn't want to disturb them. By the time judging finished and we had lunch, my back was giving out and it started raining, so I didn't recruit any one.

On the positive side, I met region member Tommy Nolen and had a nice talk with him. Tommy displayed a beautiful 1961 Pontiac Catalina and earned a Senior Grand National award.

This was the first Grand National I attended. I was very impressed by the size of the meet and the beautiful setting. The Pennsylvania College of Technology campus is gorgeous. Over 600 cars registered for the meet. I think Williamsport's proximity to the major northeastern metropolitan areas enhanced the turnout.

I hope everyone enjoys the photos Larry Federico and I took at the Grand National Meet. Unfortunately, I'm not a very good journalist and didn't get the owner's names when taking the photographs.

Hershey is fast approaching. I think we'll hold the annual region meeting on Thursday afternoon again. If another member with vendor spaces would like to hold the meeting, please contact me to make arrangements. Our meeting is informal. Other than a few folding chairs, there's little preparation involved.



["Before" shot of the '65 Impala. Stay tuned...](#)

# **SPACE AGE CHEVROLETS AT THE GRAND NATIONAL MEET**

**PHOTOS BY LARRY FEDERICO (LF) AND RUSSELL HEIM (RH)**



Here's a nice row of 1955 and 1956 Chevrolets. At right, the judges are inspecting the 1955 model. At left, it appears the owner is doing some final detailing before the judges reach his car. (LF)



Beautiful 1955 210 Sport Coupe. The wide white-wall tires and dog-dish wheel covers are a great combination. (RH)



What a fantastic color combination. If we have any 1957 Chevy experts in the region, please let us know the combination's name. It's always nice to see four-door sedans represented at these meets. (RH)



All the cars at the meet were gorgeous. This 1958 Impala was no exception. (RH)



Who wouldn't love a 1961 Corvette? (RH)



The 1963 model year was well represented. Top photo: 1963 Impala station wagon owned by Ken and Shirley Farley. (RH) Bottom left: 1963 Corvair Monza convertible with Kelsey-Hayes wire wheels. These were a factory option. (RH) Bottom right: 1963 Chevy II Super Sport convertible. This was the only model year that Chevrolet offered a Super Sport convertible in the Chevy II line. (RH)



If you bought a new Chevelle in 1964, you couldn't have done much better than a Goldwood Yellow Malibu SS coupe. (RH)



409 equipped 1965 Impala SS coupe. (RH)



What would a Grand National meet be without a legendary 1965 Z16 Chevelle Super Sport? (LF)



Everywhere you looked you saw a Chevelle Super Sport. (RH)



Chevy II Super Sport displays one of the many great paint colors available from Chevrolet. (RH)



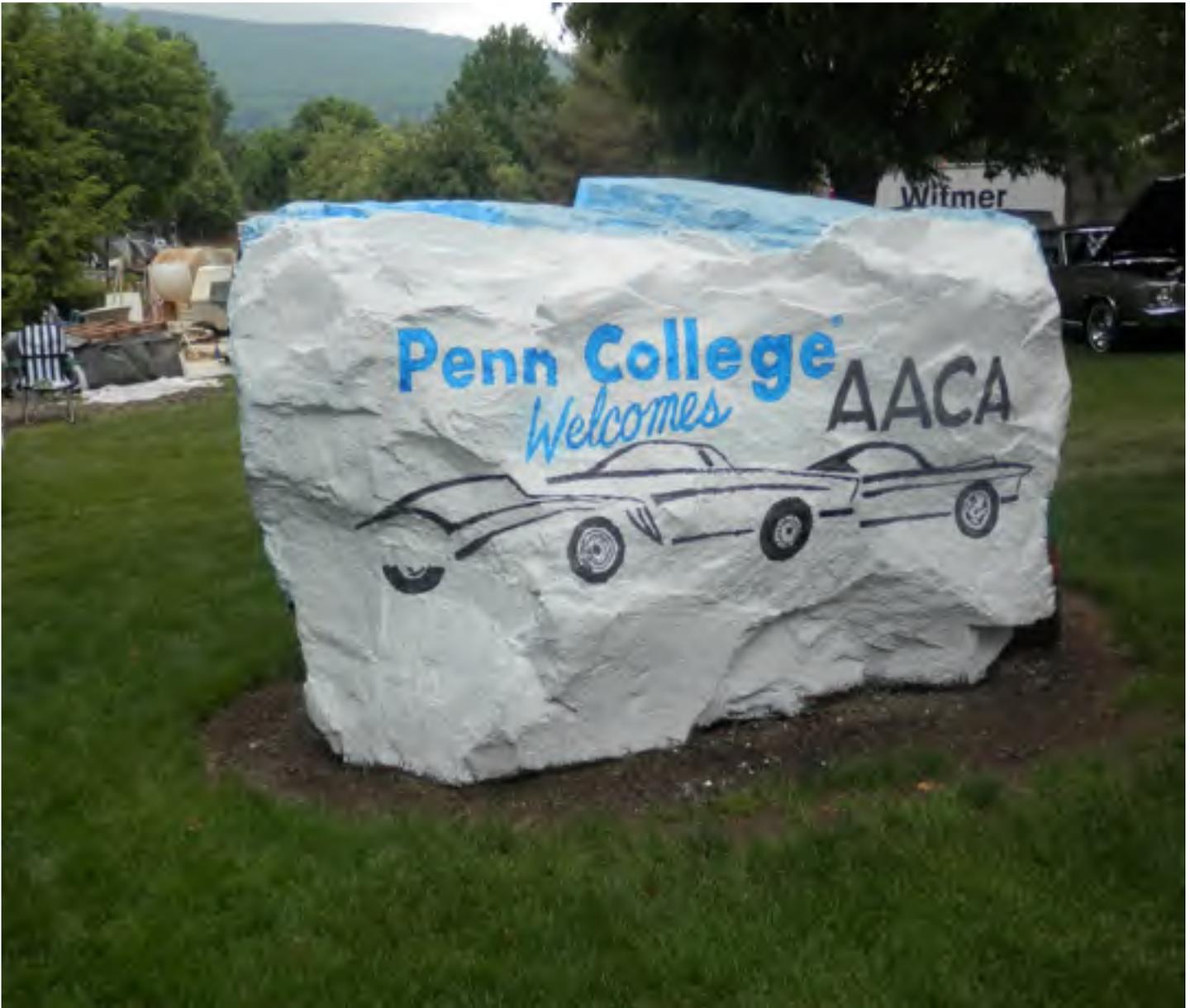
Needing no introduction: 1967 Camaro. (RH)



You don't often see two 1969 Z28s side by side. (LF)



Late '70's Nova four-door looks ready for anything. (RH)



Whoever decided to paint a welcome sign on this rock had a great idea. The college did a great job of hosting the Grand National Meet.

# **CHEVROLET POLICE CARS**

Fleet sales were an important part of Chevrolet's business. Police departments throughout the United States were important customers, and Chevrolet offered a wide variety of features to make their cars more attractive. Police cars were great publicity for Chevrolet. Potential customers might think that if the cars could stand up to police duty, they could stand up to anything.

Chevrolet usually offered police equipment on their low-line models such as 150, Delray and Biscayne. In the 1970's, when fuel economy became a concern, they offered police versions of the Chevelle and Nova. As you'll see, police cars came with many "heavy duty" features that weren't available on regular production cars.

Growing up in Queens and Long Island in the 1960's and '70's, I only remember a few Chevrolet police cars. NYPD and Nassau County PD used mostly Plymouths. I remember a lot of Chevrolet police cars in the '80's and '90's.

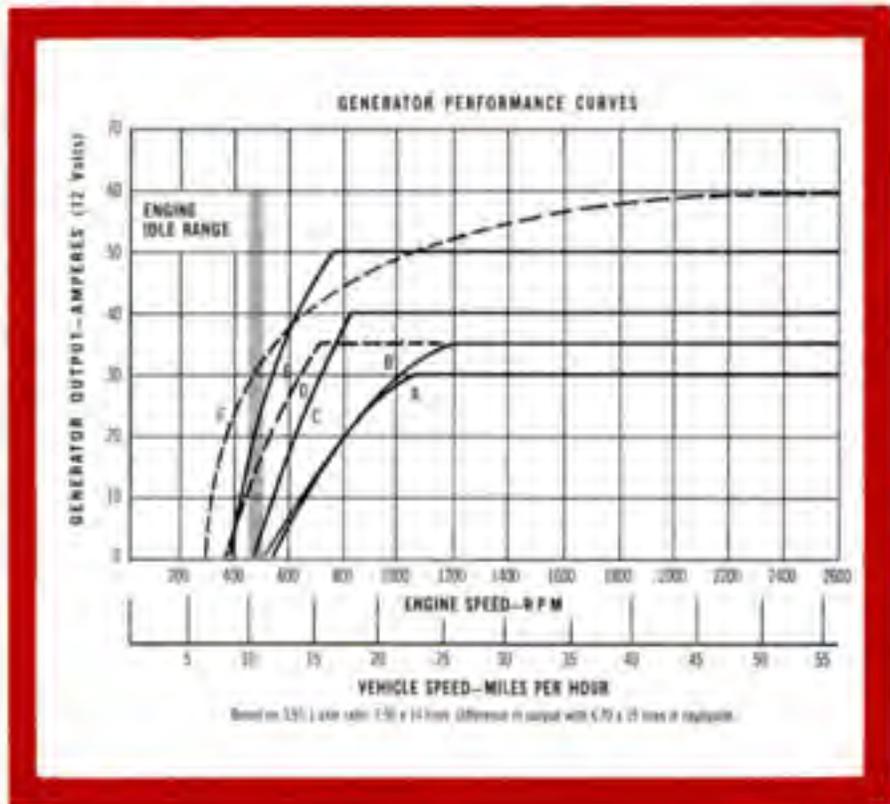
Here are pages from Chevrolet police car catalogs to help give an idea of what was available to a local police department.





## GENERATORS FOR USE IN TAXICABS AND POLICE CARS

- A STANDARD 30-AMPERE GENERATOR**  
Included in chart as basis of comparison.
  - B 35-AMPERE GENERATOR (RPO 338)**  
Extra output standard-duty generator for high output. For state police highway use or use in taxicabs without two-way radio. Standard equipment on high-performance 348-cubic-inch V8 engines for police cars.
  - C 40-AMPERE GENERATOR (RPO 326)**  
Medium-duty generator. for high output. For state police highway use or for use in taxicabs without two-way radio.
  - D 35-AMPERE LOW-CUT-IN GENERATOR (LPO 1000)**  
Medium-duty generator for peak output at lower speeds. For city use.
  - E 50-AMPERE LOW-CUT-IN GENERATOR (RPO 378)**  
Extra-heavy-duty generator for higher current at very low speeds, such as operation in city with two-way radio.
  - F 60-AMPERE ALTERNATOR TYPE GENERATOR (LPO 1055)**  
Heavy-duty self-rectifying alternating current generator fits standard generator mounting space. All transistor regulator. Produces high output at idle and low speeds. Special for taxicabs and police cars with two-way radios.
- OTHER GENERATORS** Consult Chevrolet dealer for other special generators.



## POLICE CARS





**MODELS AVAILABLE WITH POLICE CAR EQUIPMENT**

**BISCAYNE 4-DOOR SEDAN**  
6-passenger, conventional 4-door sedan  
With V8 engine . . . . . Model 1219  
With Hi-Thrift 6 . . . . . Model 1119

**BISCAYNE 2-DOOR SEDAN**  
6-passenger, conventional 2-door sedan  
With V8 engine . . . . . Model 1211  
With Hi-Thrift 6 . . . . . Model 1111

**BROOKWOOD 4-DOOR STATION WAGON**  
6-passenger, 2-seat, 4-door station wagon  
With V8 engine . . . . . Model 1235  
With Hi-Thrift 6 . . . . . Model 1135

**POLICE CAR EQUIPMENT** Large selection of power teams, durable and comfortably riding chassis, and large passenger compartments make Chevrolets ideal for police car work. Models available on short notice include those illustrated on opposite page. To equip them as police cars, following combination of factory-installed heavy-duty passenger compartment equipment (LPO 1105) and heavy-duty chassis equipment (LPO 1108) is available.

#### **POLICE CAR PASSENGER COMPARTMENT (LPO 1105)**

**INTERIOR COLOR** Interior is two-tone gray, a color selected because it neutralizes soiling expected with constant use and harmonizes well with most exterior color combinations that identify police cars.

**INTERIOR TRIM** Sedans are available with standard pattern cloth and vinyl upholstery or, at extra cost, with special all-vinyl interior. In special interior, long-lasting easy-to-wash vinyl is used not only on seats and sidewalls but also as headlining. Station wagon is available only with standard all-vinyl interior.

**FLOOR COVERINGS** Special black rubber mats that are easy to clean cover entire floor of sedans and front compartment floor of station wagon. Extra thick and heavily reinforced under accelerator, they stand up under hard use.

**FLOOR INSULATION** Layers of special waterproof asphalt-impregnated paper felt material under mats provide added insulation, prevent watersoaking and make cleaning easy.

**SEAT CONSTRUCTION** Specially reinforced heavy-gauge S-wire springs, used in cushions and backrests, make both front and rear seats of sedans more durable; maintain riding comfort longer. Same cushion and backrest springs are used in front seat of station wagon.

#### **POLICE CAR CHASSIS COMPONENTS (LPO 1108)**

**CHASSIS SPRINGS** Special heavy-duty coil springs at all wheels have toughness for long life under continuous street-pounding operation.

**SUSPENSION PIVOTS** Special bushings in front and rear suspension lower control arms are made of harder rubber for greater durability and stability.

**SHOCK ABSORBERS** Shock absorbers match heavy-duty chassis springs; contribute to controlled, stabilized and comfortable ride.

**RIDE STABILIZER** Heavy-duty torsion rod stabilizes action of front springs by resisting vertical movement of one spring with twisting force that transmits part of force to opposite spring. (Ordinarily stabilizer is standard equipment except in sedans with Hi-Thrift 6.)

**STEERING KNUCKLES AND WHEEL HUBS** Stronger knuckles with metal-lined spherical joints and stronger front wheel hubs last longer.

**BRAKE LININGS** At all four wheels, special segments of sintered iron are riveted to brake shoes to maintain braking effectiveness under high brake operating temperatures and also after car has been driven through water.

**WHEEL BEARINGS** Special high-capacity roller-type bearings are used at all four wheels.

**WHEELS AND TIRES** Blackwall tubeless Tyrex cord tires of an economical-to-replace size are used (6.70 x 15 tires on 15 x 5K rims). Tires for sedans have 4-ply rating; those for station wagon have 6-ply rating.

**TRANSMISSION** Transmission used with Hi-Thrift 6 includes stronger main shaft and clutch gear bearings.

\* \* \*

**OTHER EQUIPMENT** To meet varying needs of police departments everywhere, Chevrolet's long list of custom features (Section H) and many options described elsewhere (see Index) offer large selection of extra equipment, including special generators listed on next page.

Pages 14 and 15 display police car information from 1960 Finger-Tip Facts.

# Biscayne Police Car

## MODELS

4-Door Sedan	1169 Six, 1269 V8
2-Door Sedan	1111 Six, 1211 V8
4-Door 6-Pass. Station Wagon	1135 Six, 1235 V8



## Police Car Equipment

A wide range of optional and accessory equipment—including special police packages—is available to equip Biscayne models for rugged police duty. Biscayne Police Cars can be ordered standard, with the engine packages, or the RPO equipment. Other additional or special equipment is also available to meet individual requirements.

### Police Car Equipment Options\*—RPO's B01 and Z04

Special factory-installed body and chassis equipment packages . . . specifically engineered for rugged all-round police car duty.

### Factory-Installed Options\*

Wide range of additional factory-installed optional equipment available.

### Special Order Equipment\*

Specialized equipment and special Police Packages (comprised of a choice of six police engines grouped with many heavy-duty and popular equipment items and offered at a package price) are available as factory-

installed equipment. Authorized Chevrolet Dealers have additional information available and can place special orders to satisfy specification requirements.

### Power Teams

Chevrolet factory-built police cars are available with all engine and transmission options . . . for complete details see Power Teams chart, transmission and engine specifications.

### Custom Feature Accessories\*

In addition to factory-installed equipment a wide variety of Dealer-installed Custom Feature accessories suited for police car use are available.

### Trim and Color Selections

Choice of three pattern cloth and vinyl interiors or an optional\* all-vinyl fawn interior (RPO 865) with any exterior color for Sedans. All-vinyl interior standard for Station Wagon . . . see page 4 for Chevrolet exterior color chart.

\*Extra cost

## Specifications

Wheelbase . . . . .	119.0	Entrance height:	Front	Rear	Total glass area (sq. in.)	
Length (overall)—Sedans . . . . .	209.9	2-Door Sedan . . . . .	30.1	—	2-Door Sedan . . . . .	4190.9
—Station Wagon . . . . .	210.8	4-Door Sedan . . . . .	30.1	30.5	4-Door Sedan . . . . .	4167.4
Width (overall) . . . . .	77.0	Station Wagon . . . . .	30.1	30.7	Station Wagon . . . . .	5200.1
Height (loaded)—Sedans . . . . .	55.6*	Station Luggage Compartment:			Windshield area (sq. in.) . . . . .	3587.5
—Station Wagon . . . . .	56.7*	Maximum opening width . . . . .		54.0	Rear window area (sq. in.)	
Front . . . . .	56.7*	Loading height . . . . .		22.1*	Sedan . . . . .	1257.1
Rear . . . . .	56.7*	Maximum interior dimensions:			Station Wagon . . . . .	938.3
Tread: Sedans . . . . .	60.3	Length 58.3, Width 75.0, Height . . . . .		23.0	Tire size: Sedans . . . . .	7.00 x 14
Station Wagon . . . . .	61.3	Total Volume (cu. ft.) . . . . .		29.7	Station Wagon . . . . .	8.00 x 14
Road Clearance (min.)		Usable luggage space (cu. ft.) . . . . .		19.0	Police Equipment . . . . .	6.70 x 15
Sedans . . . . .	5.5*	Station Wagon Cargo			Turning Diameter: (feet)	
Station Wagon . . . . .	6.1*	Compartment	Tailgate	Tailgate	Curb-to-curb . . . . .	49.8
Interior Room:	Front	Load floor length:	closed	open	Wall-to-wall . . . . .	44.1
Torso room—Sedans . . . . .	39.2	Behind front seat . . . . .	94.2	118.7	Steering Ratio: (overall) Standard . . . . .	28:1
Station Wagon . . . . .	39.2	Behind second seat . . . . .	60.2	84.7	Power . . . . .	24:1
Leg room—Sedans . . . . .	41.8	Load floor width:			Fuel tank capacity (gallons)	
Station Wagon . . . . .	41.8	Maximum overall . . . . .		62.0	Sedans . . . . .	20 Station Wagon . . . . .
Hip room—		Between wheelhouses . . . . .		46.1	Weight: (lbs.)	6 V8
2-Door Sedan . . . . .	63.7	Height, floor to headlining . . . . .		31.5	Curb—2-Door Sedan . . . . .	3375 3520
4-Door Sedan . . . . .	63.7	Tailgate loading height . . . . .		23.3	—4-Door Sedan . . . . .	3445 3590
Station Wagon . . . . .	63.6	Rear entrance opening:			—Station Wagon . . . . .	3840 3975
Shoulder room—		Height . . . . .		30.5	Shipping—2-Door Sedan . . . . .	3230 3365
2-Door Sedan . . . . .	58.8	Width—at floor . . . . .		56.4	—4-Door Sedan . . . . .	3500 3630
4-Door Sedan . . . . .	58.8	Width—at belt . . . . .		54.7	—Station Wagon . . . . .	3700 3820
Station Wagon . . . . .	58.8	Total cargo volume (cu. ft.) . . . . .		97.5		

\*All heights are with standard tires—with 8.70 x 15 tires heights increase slightly.

## Biscayne Police Car Equipment Options

(in addition to or replacing regular Biscayne Equipment)

### Body Equipment—RPO B01 (All Models)

- Heavy-duty reinforced S-wire spring seat construction on Sedans, front seat only on Station Wagon.
- Heavy-duty front and rear black rubber mat floor covering with special asphalt-impregnated waterproof underpad. Front only on Station Wagon.

### Chassis Equipment—RPO Z04 (All Models)

- Heavy-duty front and rear springs and shock absorbers for greater durability and extra load capacity.
- Ride-leveling front stabilizer bar and heavy-duty front and rear shock absorbers on all models for high-performance ride stability.
- Metal-lined front suspension spherical joints replace regular non-metallic joint liners for maximum heavy-duty operation durability.
- Heavy-duty rear suspension bushings—extra-durable rear suspension control arm rubber bushings in metal sleeves with special bracket mounting.
- Heavy-duty front and rear brakes—extra-heavy brake drum webs, extra-thick brake linings, and special lining material on all primary shoes for extra strength and maximum durability.
- Heavy-duty roller type rear wheel bearings and high-torque capacity axle shafts.
- Specially mounted rear brake backing plates and nylon lined parking brake cable.
- Heavy-duty 3-Speed Synchro-Mesh transmission with extra-durable clutch drive gear and mainshaft bearings on all 6-cylinder models.
- Heavy-duty diaphragm spring clutch with standard 6 and V8 engines for rugged stop-and-go operation durability.
- Optional Powerglide transmission (RPO M35) with 6-cylinder engine includes special components and liquid cooling—plus heavy-duty radiator with built-in transmission oil cooler. Liquid cooling standard with V8's.



Optional (RPO B65) all-vinyl interior trim illustrated.

### SPECIAL ORDER EQUIPMENT (All Models)

Six Special Police Packages developed around a complete economy-to-peak-performance range of Chevrolet engines

140-hp Turbo-Thrift	230-cu.-in. 6-cyl.
195-hp Turbo-Fire	283-cu.-in. V8
230-hp Turbo-Fire	327-cu.-in. V8
250-hp Turbo-Fire	327-cu.-in. V8
300-hp Turbo-Fire	327-cu.-in. V8
340-hp Turbo-Fire	409-cu.-in. V8

Each package includes the following features:

#### Body Features

- Heavy-duty front seat (low profile).
- Heavy-duty rear seat (sedans only).
- Heavy-duty front and rear floor rubber mats with special asphalt-impregnated waterproof underpad.
- Padded instrument panel and front seat belts.
- Left-hand outside rearview mirror.
- Back-up lights.
- 2-speed windshield wipers and pushbutton washer.

#### Chassis Features

- Heavy-duty 3-Speed transmission and clutch or special liquid cooled Powerglide with 6-cyl. engine.
- Heavy-duty battery, 70-ampere-hour.
- Heavy-duty front suspension spherical joints.
- Front stabilizer bar (6-cyl. Sedans).
- Heavy-duty brakes.
- Heavy-duty rear axle with roller-type wheel bearings.
- Special police-duty front and rear springs.
- Special police-duty front and rear shock absorbers.
- 15 x 5.5K wheels with 6.70 x 15 tires (6 p.r. on Wagon).
- Speedometer calibrated to 2% accuracy, marked with 2-mph graduations.

## Additional Optional Features

	RPO		RPO		RPO
■ <b>Power Assists</b>		Soft-Ray Tinted Glass (Windshield only)	A02	Superlift Shock Absorbers	G66
Power Steering	N40	Soft-Ray Tinted Glass (All windows)	A01	Heavy-Duty Clutch*†	M01
Power Brakes	J50	All-Vinyl Interior Trim (Sedans only)	B65	Temperature-Controlled Viscous Drive Fan*	K02
■ <b>Comfort—Safety—Appearance</b>		■ <b>Heavy-Duty and Mechanical</b>		Delcotron Generator 12-42-Ampere*	K79
Heater-Defroster Deletion	C48	Positraction Rear Axle	G80	Delcotron Generator 5-55-Ampere*	K77
Comfort and Convenience Equip, Z01, Z13	Z01, Z13	3.36:1 Performance Rear Axle Ratio*	G76	Delcotron Generator 23-62-Ampere	K81
Divided Second Seat*	A66	3.55:1 Special Purpose or Mountain Rear Axle Ratio*	G96	Heavy-Duty Radiator*†	V01
Extra-Thick (1.25") Foam-Cushioned Front Seat	B50	Special Front and Rear Suspension*†	F40	Heavy-Duty Battery	T60
Padded Instrument Panel	B70	Sintered-Metallic Brakes	J65	Oil-Bath Air Cleaner*	K45
Seat Belt Equipment	A37			Closed Positive-Type Crankcase Ventilation	K23
Power Tailgate Window	A33				
2-Speed Electric Windshield Wipers and Pushbutton Washer	C14				

Included in RPO Z04

\*Availability determined by other equipment . . . see Options and Accessories Section

Biscayne Police Car Equipment

Chevrolet—39

1964 Finger-Tip Facts Police Car information shown on pages 16 and 17.



# Chevelle



4-Door Sedan 116" Wheelbase  
Malibu Classic 1AD29  
Malibu 1AC29

2-Door Coupe 112" Wheelbase  
Malibu Classic 1AD37  
Malibu 1AC37

The '77 Chevelle dimensions make it an ideal choice as a vehicle that can handle a variety of police functions. It has the size, inside and out, to be an effective highway vehicle and comfortable over long duty periods. Yet, it's a size that permits it to handle urban assignments with equal ease and comfort. Versatility, plus a long list of standard equipment, makes the '77 Chevelle a smart-money police car.

## SIGNIFICANT STANDARD 1977 CHEVELLE FEATURES

- New grilles for both Malibu Classic and Malibu models.
- New taillight styling for Malibu Classic models.
- Turbo Hydra-matic on Malibu Classic 4-Door Sedan.
- High Energy Ignition system.
- Front disc/rear drum brake system with disc brake audible wear sensors.
- Refined cooling system.
- Delcotron generator with built-in solid-state regulator.
- Carburetor outside air induction and early fuel evaporation systems on all engines.
- Ball joint wear indicators on front suspension lower control arms.
- Speedometer face includes metric numerals.
- New interior trim and colors.
- Molded full foam seat construction.
- **SERVICE INTERVALS**

Engine oil—6 months or 7,500 miles

Oil filter—First 7,500 miles; every 15,000 miles thereafter

Spark plugs—22,500 miles

Chassis lubrication—6 months or 7,500 miles

Automatic transmission fluid change—Every 60,000 miles

## SPECIAL OPTION (COPO 9C1) POLICE CHASSIS EQUIPMENT PACKAGE FOR 1977 CHEVELLE

### REQUIRED FOR COPO 9C1:

L22 250 CID L6, 1-bbl. engine  
or LG3 305 CID V8, 2-bbl. engine  
or LM1 350 CID V8, 4-bbl. engine

M40 Turbo Hydra-matic transmission

Police tires\* (see COPO list, p. 7, for available options)

F41 Sport suspension including rear stabilizer bar (V8 models)

6C1 Heavy-duty front bench seat  
or 6F2 Front swivel bucket seats  
(1AC29 model)  
or Front swivel bucket seats  
(1AD37 model)

K76 61-amp Delcotron generator  
(35 amp @ idle) (included with C60  
air conditioning)

J50 Power brakes

N41 Power steering

- Greater capacity engine oil filter (V8 models).
- Engine durability features.
- Heavy-duty suspension.
- Heavy-duty wheels (15"x7").
- Heavy-duty brakes.
- High-capacity cooling system.
- Heavy-duty 4000-watt battery equivalent to 80-amp-hour.
- Special police speedometer with 2-mph increments and certified accuracy.
- Temperature-controlled 7-blade fan (added for models without air conditioning).

\*GM-Specification steel-belted radial ply tires and bias-belted tires are available options for police-chassis-equipped vehicles although not recommended for high-speed use. Contact your local Chevrolet dealer, zone or regional sales personnel for ordering of non-high-speed tires.

### 1977 CHEVELLE POLICE POWER TRAIN COMBINATIONS

Engine			Exhaust	SAE Net HP @ RPM	SAE Net Torque (lbs. ft.) @ RPM	Transmission	Rear Axle Ratio	Model Availability
RPO	CID	Carb.						
L22*	250 L6	1-bbl.	Single	110 @ 3800	195 @ 1600	Turbo Hydra-matic	3.08	Sedan and Coupe
LG3*†	305 V8	2-bbl.	Single	145 @ 3800	245 @ 2400	Turbo Hydra-matic	2.56	
LM1†	350 V8	4-bbl.	Single	170 @ 3800	270 @ 2400	Turbo Hydra-matic	3.08	

\*Not available in California. †Not available with High Altitude Emission Equipment. ‡California Emission Equipment required in California.

#### ADDITIONAL EQUIPMENT AVAILABLE ON CHEVELLE CHASSIS-EQUIPPED (COPO 9C1) POLICE VEHICLES

##### REGULAR PRODUCTION OPTIONS (RPO)

- C80 Air conditioning—Four-Season
- U63 AM pushbutton radio
- ZJ9 Auxiliary lighting
- BB4 Body side molding
- V30 Bumper guards—front and rear
- B93 Door-edge guards
- U05 Dual horns
- U35 Electric clock
- B37 Front and rear floor mats—color-keyed
- G80 Positraction rear axle
- AU3 Power door lock system
- A42 Power front bench seat
- Swivel bucket seat (1AD37 model only)
- A31 Power windows
- CD4 Pulse-type windshield wipers
- D33 Rearview mirror—L.H. remote control
- C50 Rear window defogger—fanned air
- B80 Roof drip molding
- K30 Speed and cruise control (V8 engines only)
- N33 Tilt steering wheel
- A01 Tinted glass—all windows
- A02 Tinted glass—windshield only

#### SPECIAL ORDER OPTIONS (COPO)

- 1K5 Transmission low gear blackout
- 5HS H78-15B bias ply nylon b/w police marked tires
- 5JM HR70-15B fabric radial b/w police marked tires
- 5QB HR70-15B fabric radial white stripe police unmarked tires
- 6A1 Heavy-duty front floor mat (2-door coupe only)
- 6A2 Heavy-duty front and rear floor mats (4-door sedan only)
- 6A4 Single key locking—single vehicle
- 6B7 Hole in roof panel
- 6C1 Heavy-duty front bench seat
- 6C2 Heavy-duty rear seat
- 6C7 Extra dome lamp (switch between visors)
- 6C8 RGS8AU antenna cable (above dome lamp to trunk)
- 6C9 1 1/2" I.D. radio conduit (bench seat sedan only)
- 6E2 Single key locking—fleet keyed alike
- 6E5 Roof wiring (four 12-gauge wires)
- 6F2 Front swivel bucket seat (vinyl only)
- 6H5 Automatic trunk opener
- 6L4 R.H. rearview mirror
- 6R6 Heavy-duty vinyl seat trim (Black or Light Buckskin)
- 7K4 80-amp Delco-tron generator (58-amp at idle)
- 7L1 Radio interference suppression

- 7X4 Luggage compartment lamp
- 7Y1 Underhood lamp
- 7Y6 Doorjamb switches inoperative
- 7Z4 Voltmeter, oil pressure, water temperature gauges
- 7Z7 Dash-mounted radio speaker (4-ohm; 42" leads)

#### 1977 CHEVELLE EXTERIOR & INTERIOR DIMENSIONS (inches)

Description	4-Door Sedan	2-Door Coupe
<b>Exterior</b>		
Wheelbase	116.0	112.0
Overall Length	209.7	205.7
Wheel Tread—		
Front	61.5	61.5
Rear	60.7	60.7
Maximum Car Width	76.9	76.9
Overall Height (at design load)	54.0	53.3
<b>Interior</b>		
<b>Front Compartment</b>		
Effective Head Room	37.9	37.2
Effective Leg Room	42.4	42.4
Shoulder Room	59.6	59.6
Hip Room	54.7	54.6
<b>Rear Compartment</b>		
Effective Head Room	37.3	36.7
Effective Leg Room	36.9	32.9
Shoulder Room	58.9	58.0
Hip Room	57.8	52.7
Luggage Capacity—Usable (cu. ft.)	15.3	15.3

# Nova



4-Door Sedan 1XX69

2-Door Coupe 1XX27

A rugged compact that's handy in tight quarters, parks fast, yet affords adequate comfort and head room. These qualities have made Nova a natural for urban patrol and an ideal partner to a larger police vehicle such as our '77 Impala. The Los Angeles Sheriff's Department ordered 222 specially equipped '76 Novas after an exhaustive testing, evaluation and comparison program. Nova's potential for police application is recognized by the use of a specially equipped Nova by the Law Enforcement Assistance Administration in its design concept program for a police car of the future.

## SIGNIFICANT STANDARD 1977 NOVA FEATURES

- Front disc/rear drum brake system with disc brake audible wear sensors.
- High Energy Ignition.
- Carburetor outside air induction and early fuel evaporation.
- Refined cooling system.
- Sealed side-terminal battery.
- Ball joint wear indicators on front suspension lower control arms.
- Delcotron generator with built-in solid-state regulator.
- New interior trim and colors and new color-keyed instrument panel.
- Speedometer face includes metric numerals.
- Molded full foam seat construction.
- SERVICE INTERVALS
  - Engine oil—6 months or 7,500 miles
  - Oil filter—First 7,500 miles; every 15,000 miles thereafter
  - Spark plugs—22,500 miles
  - Chassis lubrication—6 months or 7,500 miles
  - Automatic transmission fluid change—Every 60,000 miles

## SPECIAL OPTION (COPO 9C1) POLICE CHASSIS EQUIPMENT PACKAGE FOR 1977 NOVA

### REQUIRED FOR COPO 9C1:

LG3 305 CID V8, 2-bbl. engine  
or LM1 350 CID V8, 4-bbl. engine  
M40 Turbo Hydra-matic transmission

### N41 Power steering

Police tires\* (see COPO list, p. 5, for available options)

6C1 Heavy-duty front seat (bench) or 6B9 Front bucket seat (1XX69 model) or Front bucket seat (1XX27 model)

- Greater capacity engine oil filter.
- Engine durability features.
- Special performance suspension including 14" x 7" wheels, special rear spring bushings, shock absorbers, springs, steering gear and stabilizer bars.
- Special heavy-duty rear seat with improved knee and entry/exit room (4-dr. sedan only).
- Special police speedometer with 2-mph increments and certified accuracy.
- Heavy-duty front disc brakes (metallic-impregnated linings).
- Front and rear seats trimmed in Black or Light Buckskin heavy-duty vinyl (4-dr. sedan only).
- High capacity cooling system with special temperature-controlled fan and clutch.
- Heavy-duty 4000-watt battery equivalent to 80-amp-hour.
- 61-amp Delcotron generator (35-amp at idle).
- Sport steering wheel.

\*GM-Specification steel-bellied radial ply tires and bias-bellied tires are available options for police-chassis-equipped vehicles although not recommended for high-speed use. Contact your local Chevrolet dealer, zone or regional sales personnel for ordering of non-high-speed tires.

### 1977 NOVA POLICE POWER TRAIN COMBINATIONS

Engine			Exhaust	SAE Net HP @ RPM	SAE Net Torque (lbs.-ft.) @ RPM	Transmission	Rear Axle Ratio	Model Availability
RPO	CID	Carb.						
LG3†	305 V8	2-bbl.	Single*	145 @ 3800	245 @ 2400	Turbo Hydra-matic	2.56	Sedan and Coupe
LM1†	350 V8	4-bbl.	Single*	170 @ 3800	270 @ 2400	Turbo Hydra-matic	3.08	

†California Emission Equipment required in California. \*Dual tail pipes. ‡Not available with High Altitude Emission Equipment.

#### ADDITIONAL EQUIPMENT AVAILABLE ON NOVA CHASSIS-EQUIPPED (COPO 9C1) POLICE VEHICLES

##### REGULAR PRODUCTION OPTIONS (RPO)

- C60 Air conditioning—Four-Season
- U83 AM pushbutton radio
- ZJ9 Auxiliary lighting group
- B84 Body side molding
- N33 Comfortilt steering wheel
- D31 Day/night inside mirror
- VE5 Deluxe front and rear bumpers
- B93 Door-edge guards
- U05 Dual horns
- U35 Electric clock
- B37 Front and rear floor mats—color-keyed
- G80 Positraction rear axle
- AU3 Power door lock system
- A31 Power windows
- Bucket seats (1XX27 only)
- CD4 Pulse-type windshield wipers
- D33 Rearview mirror—L.H. remote control
- C50 Rear window defogger—forced air
- K30 Speed and cruise control
- A01 Tinted glass—all windows
- A02 Tinted glass—windshield only

#### SPECIAL ORDER OPTIONS (COPO)

- 1K5 Transmission low gear blackout
- 5EK E70-14B bias-belted b/w high-speed rated tires (Goodyear brand name only)
- 5FF FR70-14B Firestone Super 125 b/w synthetic radial police unmarked tires
- 6A1 Heavy-duty front floor mat (2-door coupe only)
- 6A3 Heavy-duty front and rear floor mats (4-door sedan only)
- 6A4 Single key locking—single vehicle
- 6A5 Sound insulation
- 6B2 Rear door handles inoperative
- 6B7 Hole in roof panel
- 6B9 Bucket seats (not available with 6C9 conduit)
- 6C1 Heavy-duty front bench seat
- 6C3 Rear armrests (includes ashtrays)
- 6C7 Extra dome lamp (switch between visors)
- 6C8 RG58AU antenna cable (above dome lamp to trunk)
- 6C9 1½" I.D. radio conduit (bench seat sedan only)
- 6E2 Single key locking—fleet keyed alike
- 6E5 Roof wiring (four 12-gauge wires)
- 6F9 Rear compartment ashtray (front seat back)
- 6H5 Electric trunk opener
- 6L4 Rearview mirror—R.H.
- 6L6 Cigarette lighter
- 6R8 Cloth front bench seat trim (4-door) with vinyl rear seat (Black or Light Buckskin)

- 7K4 80-amp Delcotron generator (58-amp at idle)
- 7L1 Radio interference suppression
- 7X4 Luggage compartment lamp
- 7Y1 Underhood lamp
- 7Y6 Doorjamb switches inoperative
- 7Z4 Voltmeter, oil pressure, water temperature gauges
- 7Z7 Dash-mounted radio speaker (4-ohm; 42" leads)

#### 1977 NOVA EXTERIOR & INTERIOR DIMENSIONS (inches)

Description	4-Door Sedan	2-Door Coupe
<b>Exterior</b>		
Wheelbase	111.0	111.0
Overall Length	196.7	196.7
Wheel Tread—		
Front	61.3	61.3
Rear	59.0	59.0
Maximum Car Width	72.2	72.2
Overall Height (at design load)	53.6	52.7
<b>Interior</b>		
<b>Front Compartment</b>		
Effective Head Room	39.1	38.2
Effective Leg Room	41.7	41.7
Shoulder Room	56.6	55.6
Hip Room	53.3	53.3
<b>Rear Compartment</b>		
Effective Head Room	37.1	36.7
Effective Leg Room	35.2	32.4
Shoulder Room	56.7	55.3
Hip Room	53.6	52.8
Luggage Capacity—Usable (cu. ft.)	13.0	13.4

The Space Age Star is the official publication of the Space Age Chevrolet Region of the Antique Automobile Club of America. This is a non-geographic region dedicated to the enjoyment, restoration and history of 1955 and later AACA eligible Chevrolet cars and trucks. We publish the newsletter six times each year.

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