"Wouldn't it be nice to have an Escape Machine?"



## **Cutlass Supreme.**

# A totally new idea created by Olds— elegance in a trim new size!

It happens to all of us! The need to escape from the ordinary, to get away from the daily grind — be it office, plant or kitchen.

The need to break the routine and give new experiences and fresh ideas a whirl.

That's what Cutlass Supreme Holiday Coupe — one of Oldsmobile's Escape Machines for 1970 — is all about. It is literally loaded with youngmobile thinking — exciting new ideas — all designed to lift you out of the ordinary.

Cutlass Supreme Holiday Coupe for 1970 is more than an all-new car. It's a completely new concept!

It's near-limousine luxury trimmed to a lively, quick-handling size. It's topped with a smart and exclusive roofline that's the newest look going. And it's priced where so much automobile has never been before.

Slip inside and you'll be where you've never been before. Side-vent windows are gone. Instead, whisper-quiet Flo-Thru Ventilation. Replacing the usual painted dash, is the warmth of simulated Burled-Elm applique. And those lavishly upholstered seats? They're double-padded for exceptional comfort. And each of these features is standard.

Also standard is an authoritative 4-barrel, 350-cubic-inch Rocket V-8. A revolutionary V-8, we might add! It features Oldsmobile's exclusive new Positive Valve Rotators that help deliver thousands of extra miles of smooth, trouble-free performance. Another notable engineering first from Oldsmobile.

A new "concealed" radio antenna . . . improved air conditioning for more rapid cooldown . . . and a unique steering wheel that honks when you squeeze it, can also be ordered.

Cutlass Supreme — the Escape Machine that whisks you so far from the ordinary in so many elegant ways.

Orders. Complaints. Another one of those days. Wouldn't it be nice to have an Escape Machine?

**Cutlass Supreme Holiday Coupe.** 

ELECTRONIC PROPERTY OF THE PARTY OF THE PART K-00-4 Cutlass

Inviting. Impressive. Elegant. Cutlass Supreme Holiday Sedan interior with Custom Sport Seat. Shown in Oscoda cloth with Fame-cloth accents.

An all-Morocceen vinyl interior may be ordered.



Cutlass Supreme Holiday Sedan



Cutlass Supreme SX. A special package you may order which includes: the 455 V-8, dual exhausts, Turbo Hydra-matic transmission and distinctive ornamentation. Provides outstanding city and highway performance. Available in coupe and convertible only.

**Cutlass Supreme Convertible** 



4-4-2 Holiday Coupe.

4-4-2.

## Wouldn't it be nice to have a special performance **Escape Machine?**

The new Olds 4-4-2 and the special-performance W-Machines are not intended for everybody. They are built and dedicated for the enthusiast who gets a real kick out of driving a fine-tuned, precise-handling machine.

Over the past few years 4-4-2 has won more accolades, trophies and believers than you can shake a 4-speed at. Oh, don't get us wrong. The competition is tough. And doing a great job — in some places.

Some offer outstanding performance, but look like boxcars. Others are real eyepoppers, but ride (ouch!) like buckboards.

Olds figures if you really dig cars, you should be able to lay your driving leather on a machine that's got it all.

Have at it — 4-4-2 for 1970!

Under the 4-4-2 hood rumbles as large a V-8 as has ever been bolted into a specialperformance production automobile! 455 cubic inches! And it's standard!

More soup? Order the new W-25 performance package (with special scooped fiberglass hood, plus cold-air induction) and you've got it!

Either way, underpinnings are heavy-duty, as you'd expect. But then we go one step further with stabilizer bars both front and rear. Also standard. So you ride with unexpected and unequaled smoothness and downright fantastic handling. On the straightaway or through the curves! (Watch for the imitators to copy this one.)

Special equipment? You can order from a long and rather exotic list. Close- or wideratio 4-Speeds, beefed-up automatics, special suspensions, heavy-duty axles to 5.00to-1, disc brakes and special new colors.

As for looks? Be our guest.

And the sound? Like music - through lowrestriction dual exhausts.

## The 1970 W-Machines: W-30 and W-31. Special packages for special application!



Cutlass S W-31

4-4-2 W-30 in special new Rally Red

With the W-Machines you get extra horsepower out of thin air! Their specially designed fiberglass hood scoops grab cold air and ram it into the wide-throat Quadrajet carb. And that's where the magic happens! The quickmoving cold air mixes with vaporized gasoline. A super-dense air/fuel mixture results. And so does extra usable horsepower!

W-30 PACKAGE: Available in 4-4-2 coupes. Includes: New fiberglass hood with cold-air hood scoops; dual hood pin locks; big rally stripes on the hood, plus side-body stripes; two sport-styled outside mirrors (left-hand mirror with remote control); special "W"

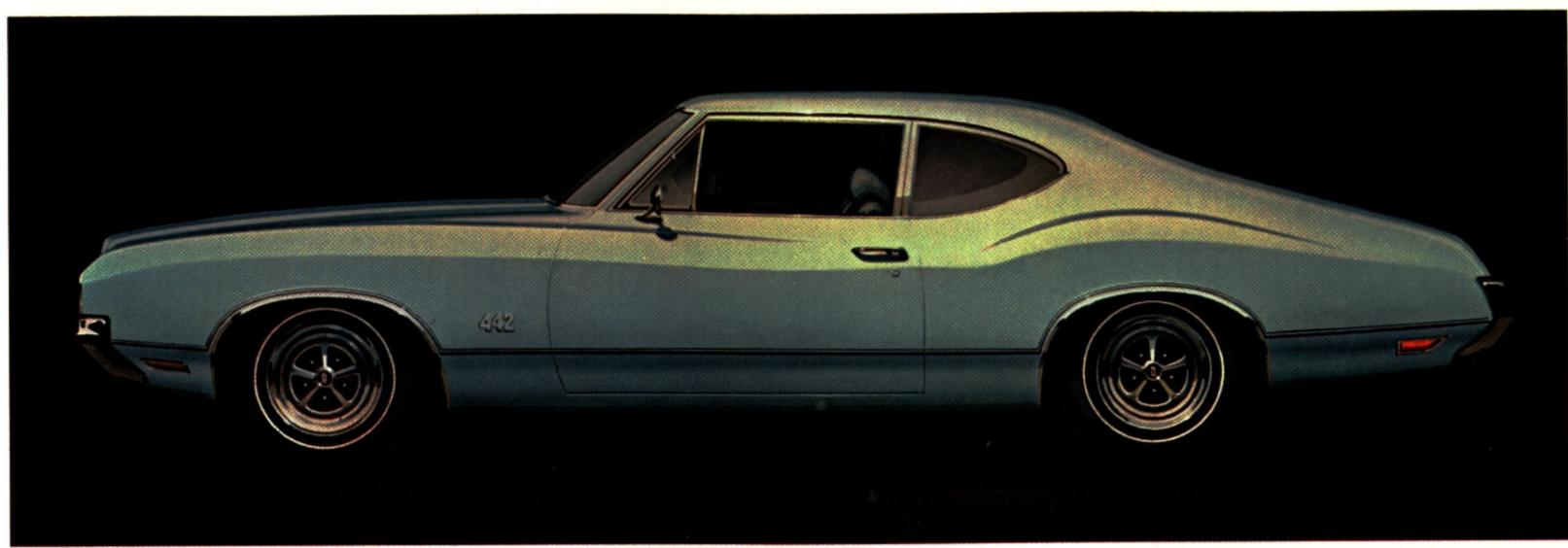
identification on front fenders; special 455cube, cold-air V-8 with "select fit" of critical parts; performance-calibrated 4-bbl cold-air carburetor; low-restriction air cleaner; lightweight aluminum manifold; high-overlap cam; new single-piston manual disc brakes up front, with large drums in back; heavy-duty cooling; new weight-reducing body insulators; superwide G70 x 14 fiberglass-belted blackwalls with raised white letters mounted on heavyduty 7-inch wheels; Anti-Spin performance axle. Not included in the W-30 package, but already standard in 4-4-2 are dual lowrestriction exhausts and heavy-duty FE-2

suspension with front and rear stabilizer bars. W-31 PACKAGE. Available in Cutlass S and

F-85 Coupes only. It includes all equipment listed for W-30 with the following exception: A special 350-cube, cold-air V-8 with "select fit" of critical parts replaces the Rocket 455 V-8. A few additional features you may wish to order: Special new Rally Red or Sebring Yellow exterior paint. Close- or wide-ratio 4-speed. Performance-calibrated Turbo Hydra-matic. New Dual-Gate Automatic shift. See your Olds dealer for a more complete list of special 1970 W-Machine equipment.

Long days. Lonely nights. How the hours drag. Wouldn't it be nice to have an Escape Machine?

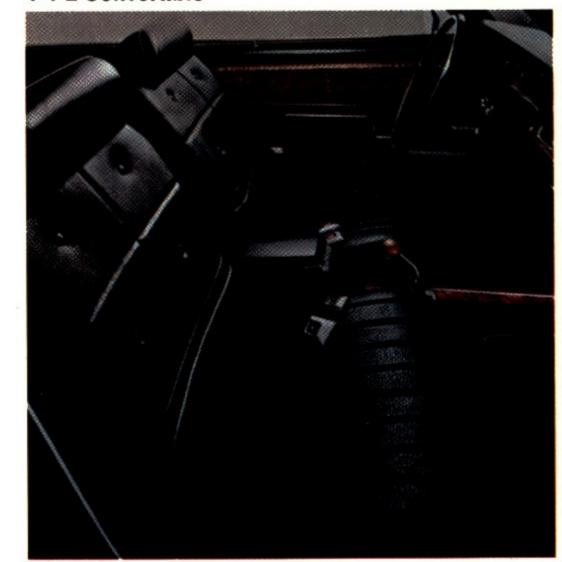
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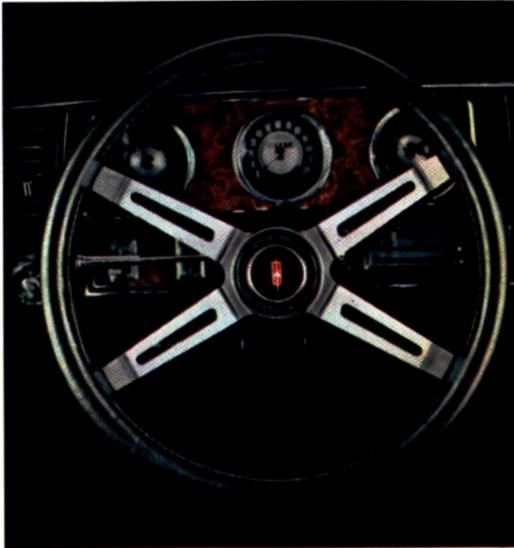
4-4-2 Sports Coupe



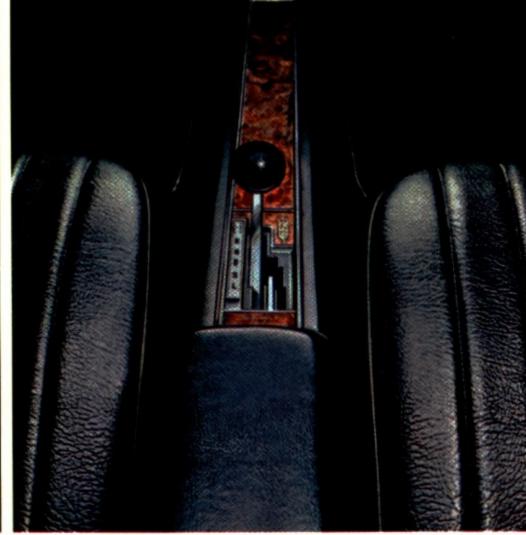
4-4-2 Convertible



This is the Strato-bucket Seat interior of the 4-4-2 Convertible — a rugged and handsome combination; Walrus-Grain Morocceen with Madrid Morocceen accents. The handsome, completely new sports console is available.



Special 4-spoke brushed-metal Custom Sports Steering Wheel, may be ordered.
It features a special soft leather-grain-vinyl rim for positive non-slip grip.



For those who can't decide between a manual or an automatic-there's our new Dual-Gate Shifter. It gives you the best of both. Order it for your console.



Cutlass S.

## Break the routine. Let your hair down and swing (for) a little!

The old 9 to 5. Hurry. Worry. Crank out the work. Wouldn't it be nice to have an Escape Machine? Routine. The same old thing. There are a lot of cars like that - and one that isn't.

Cutlass S. The freshest fastback on the road today.

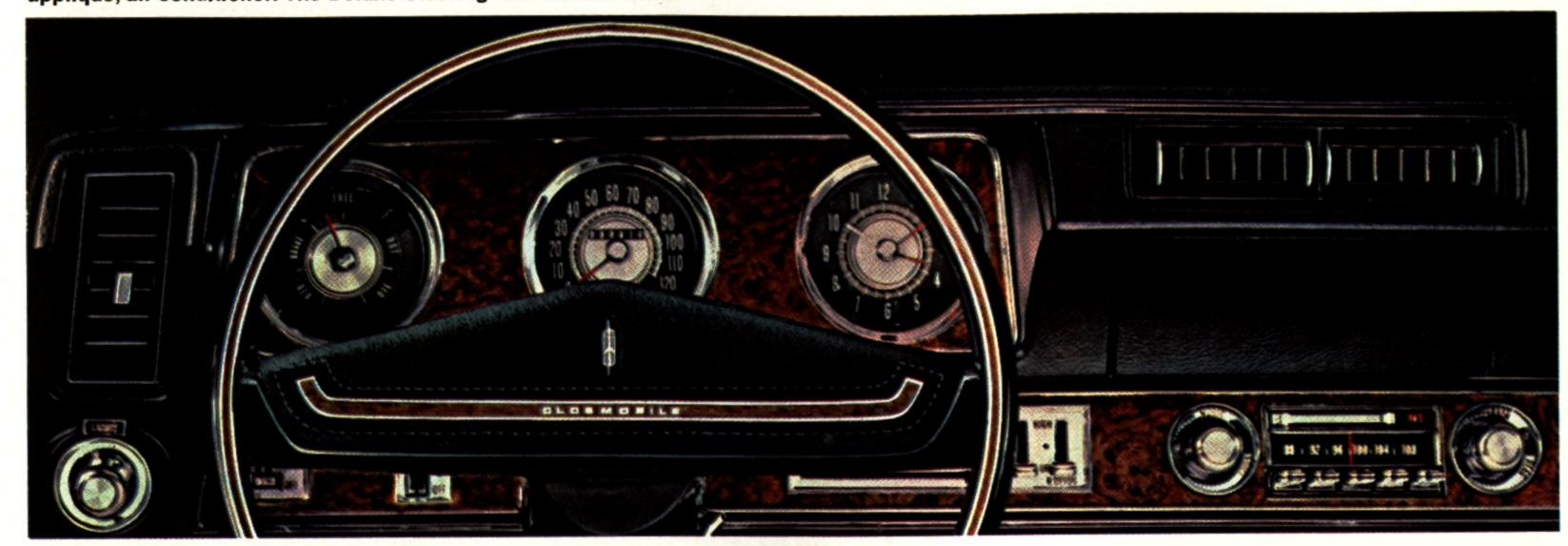
One look at those great new lines and up goes the old pulse rate. Sporty new hood with raised pods. Concealed wipers. Ventless side windows (Holiday Coupe and Convertible). New flared sculpturing toward the

Take the wheel and you leave the routine far behind. With standard Rocket 350 V-8 or

big Action-Line 6 (take your pick), you light out pronto. With smooth coil springs at each wheel and sporty 112-inch wheelbase, handling and parking are a breeze. You can change directions as quickly as you change your mind.

Which is exactly what you should be doing about all those (ho-hum) routine cars. This year, give them the slip by slipping into a Cutlass S — still priced with or below many of the low-priced names!

Neatly arranged, easy-to-read instrumentation highlight the Cutlass S dash. Popular options you might want to order include radio (with windshield-concealed antenna), self-regulating clock. Simulated Burled-Elm applique, air conditioner. The Deluxe Steering Wheel is standard.





**Cutlass S Sports Coupe** 



**Cutlass Holiday Sedan** 



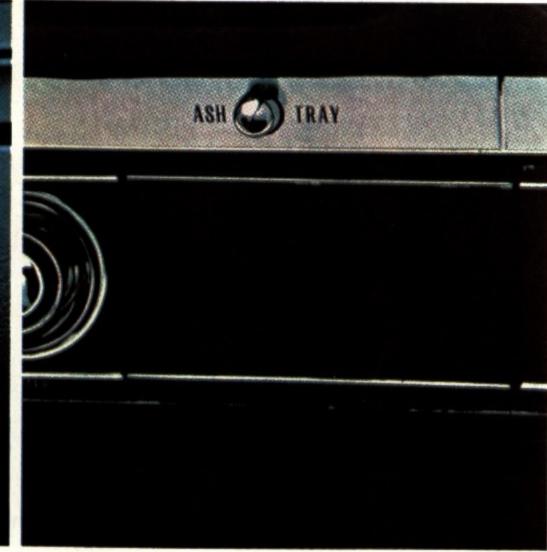
**Cutlass Town Sedan** 



Completely new sports console available with lockable storage space, simulated wood-grain applique and bright metal trim. Order yours with automatic, 4-speed, or our new Dual-Gate Shifter which gives you a little of both!



Rotary glove compartment latch, so popular on full-size Oldsmobile, now standard on every 1970 Olds Escape Machine.



Ever look at a closed ashtray and wonder whether to push, pull, slide or tilt to get it open? Olds has the answer—with a new pushbutton. Pop! It's open. Easy as that.

## F-85. Canada's easiest-to-own Escape Machine.



F-85 Sports Coupe

Showroom floors have never seen so much pride and quality, so many extra touches packed into such a budget-pleasing package. Padded head restraints, an anti-theft steering

column, locking glove compartment with the popular rotary latch, turn-signal lever with built-in lane-change indicator, choice of the big Action-Line 6 or Rocket 350 V-8 (both

get along beautifully and economically on regular fuel), and a long impressive list of GM safety features—all standard in F-85 for 1970. Easiest way of all to go Oldsmobile.



Station Wagons.

Things to do.
Places to go.
Olds Escape
Machines
to the rescue.

Cooking, cleaning, shopping, chauffeuring. Wouldn't it be nice to have an Escape Machine?

Namely Vista-Cruiser and Cutlass Station Wagons for 1970. They're loaded with worksaving, time-saving features.

Picking up the kids? The second seat (in 3-seat models) slides forward for quick and easy in-and-outing.

And if you really like doing things the easy way, there's a Drop-or-Swing Tailgate available. Swing it out and it's a welcoming door! Drop it down and it's a loading dock. Youngmobile thinking thinks of everything!

For instance, Vista-Cruiser is the one-of-a-kind wagon with a hundred-and-one wonderful uses. If ever there was a station wagon with a split personality, Vista-Cruiser is it.

When there's work to be done, it's Mr. Muscle. It rolls up its sleeves, folds down its seats, unlimbers over 100 cubic feet of cargo area for anything you hanker to carry. Flowers and shrubs and bags of peat. Playpens and high chairs and baby strollers.

Enough groceries to feed a small army.

Ah, but when the work's all done — Mr. Muscle turns into Mr. Smooth — with simulated wood-grain paneling and Oldsmobile exclusive Vista-Roof with tinted, heat-resisting windows. It makes for a beautiful boulevardier to escort Mother to her bridge club or carry a covey of Bluebirds to camp.

Still, Mr. Muscle and Mr. Smooth have a lot in common. Two or three seats — all facing forward. Eleven windows. A concealed luggage compartment. A husky 350-cubic-inch Rocket V-8. Or a husky Rocket 455 V-8, if you care to order it. Something else they have in common is value. If you can find as much wagon elsewhere at — or anywhere near — Vista-Cruiser's price, we'd like to know about it.

So think it over. When it's all work one minute and all play the next, you really need a wagon with a split personality.



2-seat Vista-Cruiser



2-seat Cutlass Station Wagon



Really out of sight—a secret compartment for all your valuables. Standard in all Vista-Cruiser and Cutlass Wagons. A compartment lock and special trim may be ordered.







The door that's a tailgate . . . the tailgate that's a door. Swing it open or drop it down-the choice is up to you. Specify for either Vista-Cruiser or Cutlass Wagons. Electric tailgate window also may be ordered on all Olds wagons.

## You can tailor your Olds Escape Machine to your exact trailering needs!

Olds approaches your trailer towing needs on an individual basis. Tell your Olds dealer the kind of towing you'll be doing and he'll recommend the exact towing equipment you'll need. No more. No less.

Oh sure, we could put together a couple of all-encompassing, ready-made packages for you to choose from, but then you might wind up paying for more equipment than you really

We think our way is the better way. You will, too-when you see how beautifully your specially equipped Olds turns those long hauls into short, sweet trips.

So whether you'll be pulling a lightweight skiff, camper, or mobile home, talk to your Olds dealer. He can fit your trailering needs-

Here's just a sampling of the specially designed, heavy-duty Olds trailering equipment available for your application:

AVAILABLE ENGINES. The extra loads trailering imposes makes the money spent for more powerful Rocket V-8 Engines a sound investment. These engines provide you the reserve power needed for steep grades, rough terrain, and long, all-day super-highway touring.

400-hp Rocket 455 V-8. Available in Toronado for medium- and heavyweight towing.

365-hp Rocket 455 V-8. Available for all 88 models and required for heavyweight trailer towing.

310-hp Rocket 455 V-8. **Available for Delta 88** and required for medium-weight trailer towing

365-hp Rocket 455 V-8. Available for Vista-Cruisers. Recommended for medium-weight towing and required for heavyweight towing.

320-hp Rocket 455 V-8. Available in Cutlass and Cutlass Supreme for medium- and heavyweigh towing.

310-hp Rocket 350 V-8. Available for all intermediate models excepting 4-4-2. Recommended for lightweight towing and required for medium-weight towing.

**AVAILABLE AUTOMATIC TRANSMISSIONS** Just as extra-performance engines give you an added margin of power to handle the more strenuous demands of trailering, Oldsmobile's Turbo Hydra-matic transmissions are perfect working teammates for those engines and are recommended for all trailer towing. To properly team transmissions and engines, check with your Olds dealer.

**HEAVY-DUTY COOLING EQUIPMENT. Helps** maintain proper engine operating temperature while trailering. Option includes: Heavy-duty radiator and water pump; Thermo-cool vari-

able-speed fan; heavy-duty 55-ampere Delcotron to compensate for the extra power drain of trailer towing and required for all mediumand heavy-duty towing.

AUXILIARY OIL COOLER. For use with all automatic transmissions for protection against transmission overheating during strenuous trailer towing. Required for medium- and heavyweight towing.

POWER BRAKES - FRONT DISC BRAKES. The front disc brakes are of the floating caliper design and available with any Oldsmobile model. They offer excellent straight-line stopping, consistent pedal feel, good performance when wet, and long lining wear. They are ideal

torque to rear wheels; a lower ratio delivers greater fuel economy. Because Rocket V-8 Engines develop high torque at relatively low rpm, high axle ratios are not needed. Your dealer will help you choose the best ratio for your trailering needs.

**HEAVY-DUTY SUSPENSION. For medium- and** heavy duty trailer towing or continuous heavy trunk loads. Includes heavy-duty front springs and extra-heavy-duty rear springs. Requires Firm Ride or Superlift Shock Absorbers.

SPECIAL TORONADO SUSPENSION. Recommended for strenuous service, such as continuous heavy trunk loads and medium- and heavy-weight trailer towing. Includes higher

rate front torsion bars and rear springs. Special heavy-duty shock absorbers are calibrated and tuned to these springs for improved rough road ride.

FIRM RIDE SHOCK ABSORBERS Heavy-duty. Increases weight-carrying and weight-pulling capacities. Improves ride on rough roads. Also recommended for continuous heavy trunk loads.

SUPERLIFT SHOCK ABSORBERS Have a handy fill air valve for easy inflation. Adjustable to weight of load. They keep car level, help control rear suspension bottoming and maintain proper headlamp aim.

VARI-RATIO POWER STEERING. Makes easy work of every trailer towing situation. Standard on Toronado and Ninety-Eight models. Recommended for all other models intended for trailer towing use.

Makes trailering pure pleasure. **HEAVY-DUTY WHEELS. Recommended for me**dium- and heavy-duty hauling. Available in

> STABILIZER BARS. Heavy-duty stabilizer bars available both front and rear. Improve ride and handling. Reduce effect of crosswind buffeting.

both 14 and 15-inch wheel size.

DIFFERENTIAL COVER. Designed with special interior ribs for rapid heat dissipation. Keeps gears running coolly, quietly.

**GUIDE TO TRAILER CLASSIFICATION** Light Weight (SAE Class 1) 1000-2000 lbs. Medium Weight (SAE Class 2) 2000-3500 lbs. Heavy Weight (SAE Class 3) 3500-5000 lbs.

With proper equipment, all Toronado, Ninety-Eight, and 88 models are excellent for Class 1 2, and 3 towing. Vista-Cruiser and Cutlass Wagons with 455 V-8 and other proper equipment are also 3-Class towing. All other models can be equipped for Class 1 and 2 towing. Talk to your Olds dealer for the best model and equipment for your trailering needs.

for the severe braking and strenuous driving conditions of trailer towing.

ANTI-SPIN REAR AXLE. Surefooted traction in mud, snow, ice, or gravel, and on road shoulders, or rain-slick roads. Power is diverted from the slipping wheel to the gripping wheel automatically. Available in all but Toronado models.

**ELECTRICAL WIRING HARNESS. Gives you** one, simple connection for trailer taillamps, brake lamps and turn signals. Available on all models. Trailers with electrical brakes require 6-point male and female connectors IN ADDI-TION to this wiring harness.

**HEAVY-DUTY FRAME.** Available for Ninety-Eight and 88 models, standard in convertibles. This heavy-duty frame is recommended for medium-weight trailering, required for heavyweight towing.

REAR AXLES. Oldsmobile rear axles are designed with the extra margin of durability required for towing. High ratio delivers more

## Toronado.

## The ultimate Escape Machine.

Rarely has any car ever achieved the fine balance of elegance and extraordinary road performance now offered you in Toronado by Oldsmobile for 1970.

The look is proud, distinctive, powerful. And under the look, a total road machine which makes it unique in the world of cars.

Front-wheel drive is the key. With power going to the front wheels (where traction is greatest) Toronado tracks with unerring accuracy. You do not change the way you drive at all - but you do enjoy a sense of command unknown in other "personal" luxury cars. (Which is why women are

Power Steering and new Tandem power brakes, with disc brakes at the front wheels. These are standard equipment — as are new fiberglass-belted tires on wide 6-inch wheels, system.

Standard also is an advanced-version, 375-hp Rocket 455 V-8, now incorporating Olds' exclusive Positive Valve Rotators. Or you may order a special-performance package (W-34) for your Toronado. It features a 400-horsepower 455 Rocket V-8, dual exhausts, high-performance transmission, and

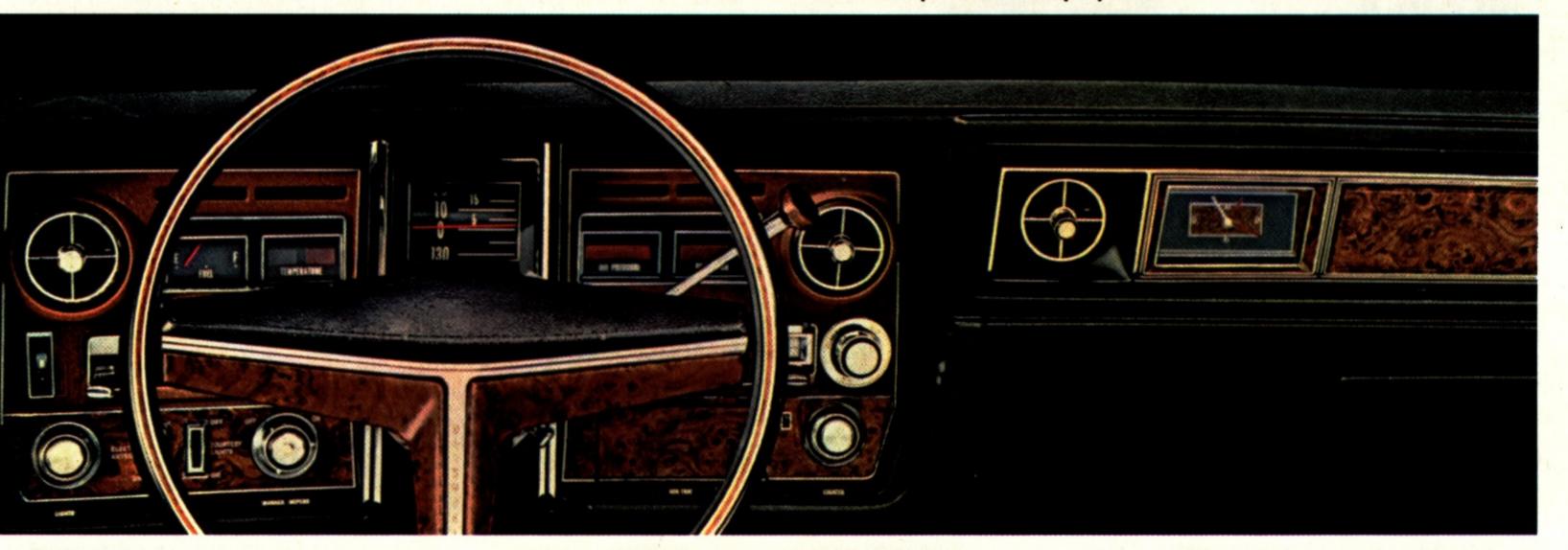
that Toronado's magnificent engineering contributes to a sense of total luxury other

among its most enthusiastic endorsers.) For 1970, Toronado provides Vari-Ratio and a completely retuned suspension special paint striping. Perhaps most significant of all is the fact cars cannot approach. Owners can testify it is the most satisfying experience in modern motoring. 12-hour day. Meetings. Memos. The midnight oil. Wouldn't it be nice to have an Escape Machine? Front-wheel-drive Toronado. Some of the equipment illustrated is optional at extra cost. . . . .

Inside the splendor of Toronado, piped pleats contour the deeply padded seats to every curve of your body. Individual Strato-bucket Seats are also available with a sports console between them, if you wish.

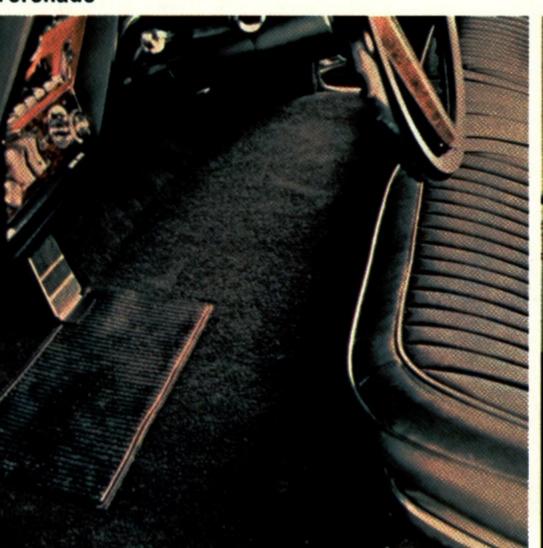
and well their time to be the second

The elegant new Toronado control centre. Even the rich inlays cannot mask the precision and purposefulness of its instruments and controls.

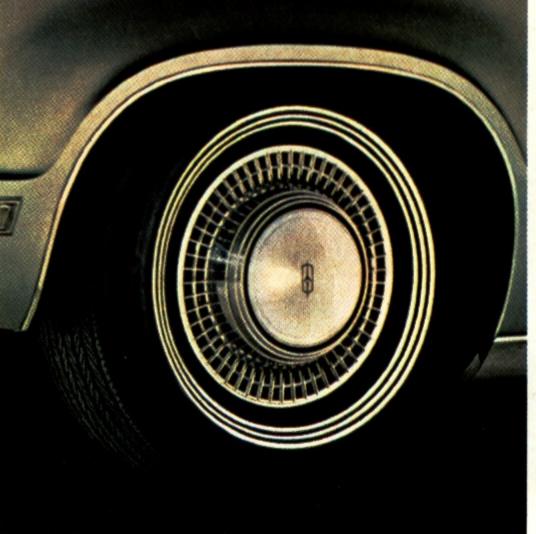




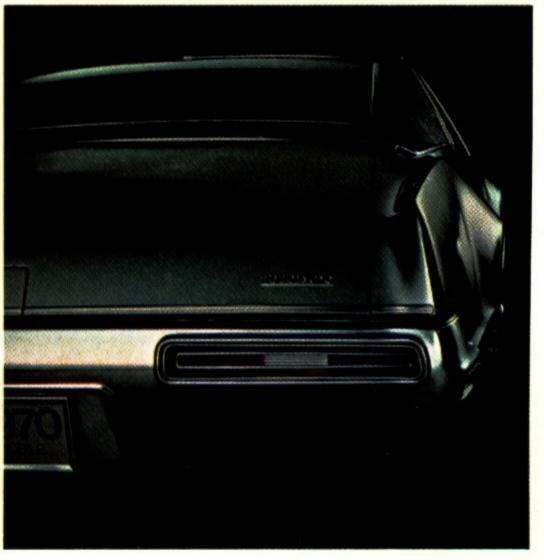
Toronado



Flat floors, front and rear, add immeasurably to the comfort of all passengers.



Standard 15-inch wheels add to the plushness of the famed Toronado ride. Triple-stripe-whitewalls and new, louvered, full-wheel discs may be ordered.



Tasteful taillamps accent the tasteful rear styling. Between them—a spacious luggage compartment. It is among the largest of all "personal" luxury cars.

## Ninety-Eight.

# Your escape from the ordinary in a Grand Luxury Car.

Grander. More luxurious than ever. But with a contemporary spirit all its own — one look tells you why Olds Ninety-Eight for 1970 will win over still more luxury-car owners this year.

And everywhere you look, Ninety-Eight has been significantly refined and improved — even to the standard equipment it provides for effortless motoring.

You have Vari-Ratio Power Steering, for more responsive handling. New Tandem power brakes, with new disc brakes up front for quick, sure stops. And Oldsmobile's Turbo Hydra-matic and Rocket 455 V-8, both advanced for still smoother and more precise power.

Practically every imaginable convenience feature is also standard, of course. Power windows and power seat control in most models. Three or more ashtrays, cigar lighters front and rear, courtesy and map lamps. Plus a rotary latch on the glove compartment for easier access.

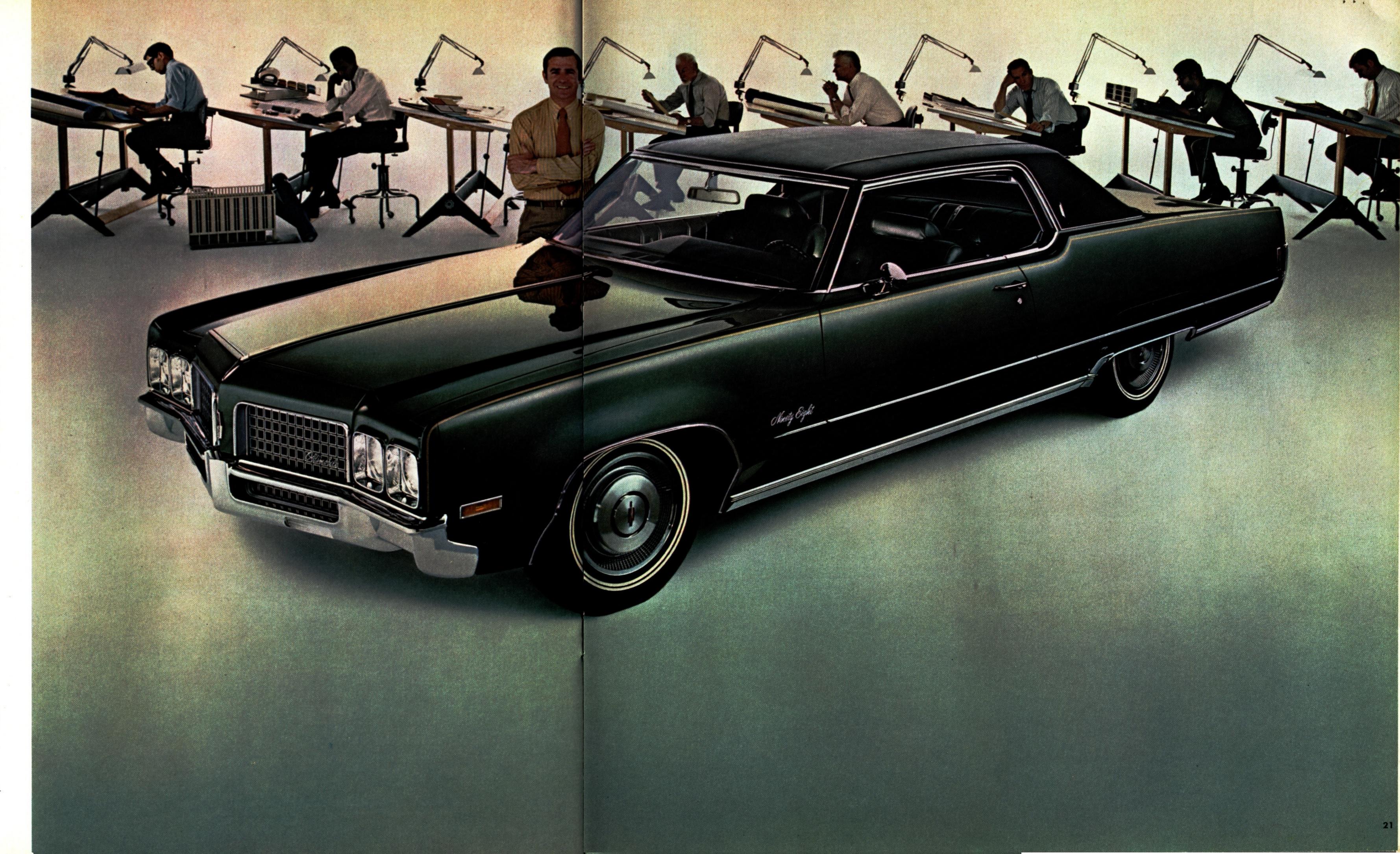
One more point: Each of the six Ninety-Eight models, shown on these and following pages, has its own special interior treatment and fabrics. We believe that when you select a particularly fine car for the personality it reveals outside, it should be reflected inside as well.

Luxury, in the grand manner, permits nothing less.

The daily grind. Dilemmas.

Details. Decisions. Wouldn't it be nice to have an Escape Machine?

Ninety-Eight Holiday Coupe.





A striking filigree pattern in lustrous Odessa cloth against contrasting accents of textured Fame cloth lends new opulence to the Ninety-Eight Holiday Coupe interior. Custom Sport Front Seat with centre armrest is standard, and you may choose your color scheme in green, blue, gold, sandalwood and black. Genuine leather upholstery in black is also available in Luxury Sedans and Holiday Coupe.



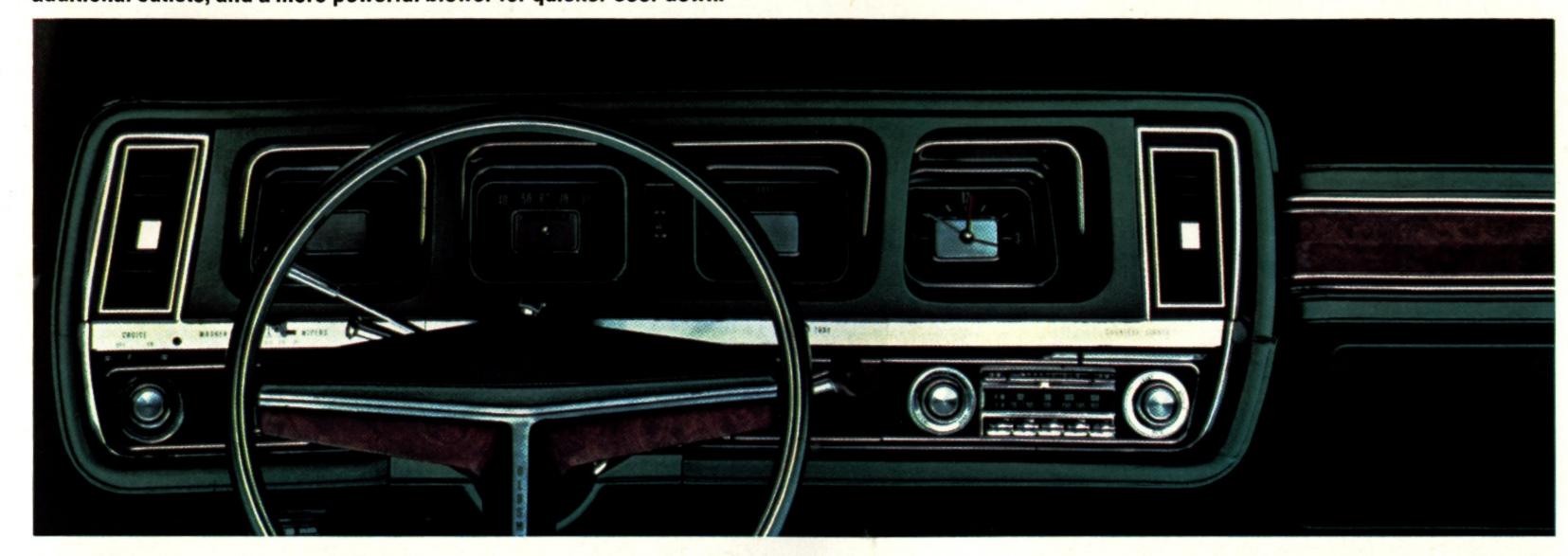
Ninety-Eight Holiday Sedan



Ninety-Eight Town Sedan

. . .

The new Ninety-Eight instrument panel is recessed and deeply padded. Gauges are tilted slightly for easy glare-free reading. Self-regulating electric clock is standard. Accessories you may wish to order include AM-PM radio, Tilt-and-Telescope Steering Wheel, Cruise Control. Or perhaps an air conditioner—now with improved venting, additional outlets, and a more powerful blower for quicker cool-down.







Ninety-Eight Luxury Sedan Hardtop



**Ninety-Eight Convertible** 



Infinite attention to details is shown in the stitching of the vinyl roof covering. Each seam is double-stitched with unbreakable and waterproofed nylon thread, then treated with preservatives to assure maximum durability.



Luxury Sedan and Holiday Coupe owners may order this special Divided Front Seat. It features dual controls, genuine leather trim and pique-stitched detailing. The seat separates to permit individual comfort for both driver and front passenger. Also available in Orleans cloth with Fame-cloth accents in Luxury Sedan models.





Delta 88 Royale.

## Direct line to the big-car world

Hurried. Harried. Always on the run.
Wouldn't it be nice
to have an Escape Machine?

When the time comes for you to escape average cars and move into the big-car world — we'll be ready for you — with a full line of beautiful Delta 88 Escape Machines.

Each is designed to give you more honest luxury and more built-in value than you've ever had before. And all for little more than you've been paying!

Top of that line is Delta 88 Royale, the personal car that caters to you without compromise.

That's why we built the Royale with a long,

Delta 88 Royale.

road-cradling wheelbase of 124 inches. With broad, double-padded seats that stretch over five feet wide.

To keep your Royale distinctively Royale, we've included a rich vinyl roof with privacy rear window, front-fender louvers, custom pinstriping the full length of the lower body, and that elegant new over-and-under grille. All standard. And all exclusively Royale.

As for model choice, you're looking at it. Delta 88 Royale is the limited-edition Escape Machine with unlimited appeal.

## Puts an end to small talk.

All day. Everyday. Rumors. Tips.
Advice. Opinions. Wouldn't it be nice
to have an Escape Machine?

Talk about wheelbase and you're talking 124 road-cradling inches.

Talk interior room and you're talking room for six — with plenty left over.

Performance? Where are you going to find more than 455 cubic inches of it at — or anywhere near — Delta 88 Custom's price.

It's the same impressive story in any department you care to discuss. Luggage space? Delta 88 Custom has more than 19 cubic feet of it. More than enough room for all your vacation luggage. Interior trim? Choose from more than a dozen beautiful

new combinations.

OK, you say, but how about extra-cost options? If you place the check mark on the order form, your handsome new Delta 88 Custom can fill the bill. Stereo tape player; AM or AM-FM radio; air conditioner; power seats, power brakes with discs up front, windows, steering; Tilt-Away steering with our unique "instant-horn." And the list goes on. And on. And on.

It's this kind of size, value, and versatility that has made Delta 88 Custom such a great and highly popular Olds in recent years.



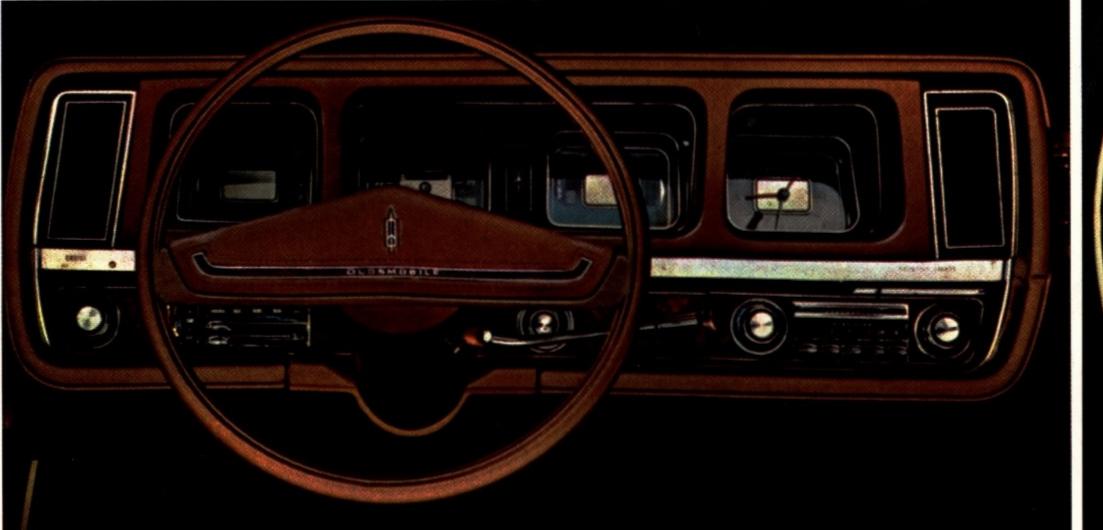
Delta 88 Custom interior. And custom is the word for it. It features Oscoda-cloth, contrasting beautifully with the pique-stitched Fame-cloth trim. Centre armrest, standard in Holiday models. Available in Gold (shown), Black, Blue, All-Morocceen upholstery available in Green, Sandalwood.



Delta 88 Custom Holiday Coupe



Delta 88 Custom Town Sedan



Instrumentation in all new Olds 88 models is simplified for your convenience. Controls are clustered right and left for fingertip ease. Dials are angled and lighted for excellent visibility.



This handsome full disc looks like it might cost a pretty penny extra. But it won't. It's standard. So is that smoother riding 15-inch wheel. Whitewalls with dual-white-stripes, available.



Delta 88.

When you've got all the facts there's only one answer.

The computer age. Facts. Figures. Impersonal statistics. Wouldn't it be nice to have an Escape Machine?

If you'd like to escape so-called low-price cars, but aren't the least bit interested in over-spending your budget - you're in luck.

This one comes up with the right answer on both counts!

Delta 88 for 1970 is the easiest way of all to go full-size Olds, which is really going some. Full-size room. Full-size ride. Full-size comfort and performance.

The modest price includes such finery as

full wheel covers, wall-to-wall carpeting, rich new fabrics, Flo-Thru Ventilation, lighted pushbutton ashtray - all standard. As are the many GM safety features.

What's under that handsome hood? An inflation-fighting Rocket V-8 Engine that runs and runs and runs — on regular fuel!

This year, if you'd like to put some mileage between you and the lesser lights, you couldn't select a better escape route. The proud new Delta 88 for 1970.



**Delta 88 Holiday Coupe** 



**Delta 88 Convertible** 



Delta 88 Town Sedan

# Engines. Oldsmobile (who else?) introduces another revolutionary first—Positive Valve Rotators.

Standard in every Rocket V-8 for 1970! As in most valve systems, the valves will move up and down. But because of the new rotators, they will also revolve full-time. This positive rotating action helps eliminate the buildup of valve deposits to maintain maximum compression. This helps provide smoother engine operation and peak performance for thousands of extra miles. It also helps reduce valve maintenance and repair! First—and exclusively—from Olds! Another solid example of youngmobile thinking for 1970.

#### 400-hp Rocket 455 V-8

Horsepower: 400 at 4800 rpm Torque: 500 lb.-ft. at 3200 rpm Displacement: 455 cu. in. Compression ratio: 10.25-to-1 Carburetion: Quadrajet

(4-barrel) Carburetor Fuel: Premium gasoline Available in Toronado only.

#### 390-hp Rocket 455 V-8

Horsepower: 390
at 5000 rpm
Torque: 500 lb.-ft.
at 3200 rpm
Displacement: 455 cu. in.
Compression ratio:
10.25 to 1
Carburetion: Quadrajet
(4-barrel) Carburetor
Fuel: Premium gasoline

Available in all 88 models.

#### 375-hp Rocket 455 V-8

Horsepower: 375 at 4600 rpm
Torque: 510 lb.-ft. at 3000 rpm
Displacement: 455 cu. in.
Compression ratio: 10.25-to-1
Carburetion: Quadrajet (4-barrel)
Carburetor
Fuel: Premium gasoline. Standard
in Toronado.

#### 365-hp Rocket 455 V-8

Horsepower: 365 at 4600 rpm
Torque: 510 lb.-ft. at 3000 rpm
Displacement: 455 cu. in.
Compression ratio: 10.25-to-1
Carburetion: Quadrajet (4-barrel) Carburetor
Fuel: Premium gasoline
Standard in Ninety-Eight. Available with
Turbo Hydra-matic 400 in all 88 models
and Vista-Cruiser.

#### 310-hp Rocket 455 V-8

Horsepower: 310 at 4200 rpm
Torque: 490 lb.ft. at 2400 rpm
Displacement: 455 cu. in.
Compression ratio: 9.00-to-1
Carburetion: 2-barrel carburetor
Fuel: Regular gasoline. Standard with manual transmission in Delta 88 Royale.
Delta 88 Custom.
Available in Delta 88.

#### 370-hp Rocket 455 V-8 (Force-Air W-30)

Horsepower: 370 at 5400 rpm
Torque: 500 lb.-ft. at 3600 rpm
Displacement: 455 cu. in.
Compression ratio: 10.50-to-1
Carburetion: Performance-calibrated
Quadrajet (4-barrel) Carburetor
Fuel: Premium gasoline
Package includes large air scoops mounted in fiberglass hood, hood pin locks, special heads, special air cleaner, special high-

overlap cam, special 2" intake and 1%"
exhaust ports, low-friction engine
bearings, low-restriction dual
exhausts, special paint stripes,
disc brakes, heavy-duty wheels,
heavy-duty cooling. Available
with Turbo Hydra-matic 400, or
4-speed close-ratio manual

transmission in 4-4-2 only.

#### 365-hp Rocket 455 V-8

Horspower: 365 at 5000 rpm
Torque: 500 lb.-ft. at 3200 rpm
Displacement: 455 cu. in.
Compression ratio: 10.50-to-1
Carburetion: Quadrajet (4-barrel)
Carburetor
Fuel: Premium gasoline
Standard in 4-4-2.

#### 320-hp Rocket 455 V-8

Horsepower: 320 at 4200 rpm
Torque: 500 lb. ft. at 2400 rpm
Displacement: 455 cu. in.
Compression ratio: 10.25-to-1
Carburetion: 2-barrel carburetor
Fuel: Premium gasoline
Available with Turbo Hydra-matic 400 in
Cutlass Supreme, Cutlass S, and Cutlass.

#### 325-hp Rocket 350 V-8 (Force-Air W-31)

Horsepower: 325- at 5400 rpm Torque: 360 lb.-ft. at 3600 rpm Displacement: 350 cu. in. Compression ratio: 10.50-to-1 Carburetion: Performance-calibrated Quadrajet (4-barrel) Carburetor Package includes large air scoops mounted in fiberglass hood, hood pin locks, special heads, special air cleaner, special highoverlap cam, special 2" intake and 1%" exhaust ports, low-friction engine bearings, low-restriction dual exhausts, special paint stripes, disc brakes, heavy-duty wheels, heavy-duty cooling. Available with Turbo Hydra-matic 350, or 4-speed close- or wide-ratio manual transmission in F-85, and Cutlass S.

#### 310-hp Rocket 350 V-8

Horsepower: 310 at 4800 rpm
Torque: 390 lb.-ft. at 3200 rpm
Displacement: 350 cu. in.
Compression ratio: 10.25-to-1
Carburetion: Quadrajet (4-barrel) Carburetor
Fuel: Premium gasoline
Standard in Cutlass Supreme
Available in Vista-Cruiser, Cutlass,
Cutlass S, and F-85.

#### 250-hp Rocket 350 V-8

Horsepower: 250 at 4400 rpm
Torque: 355 lb.-ft. at 2600 rpm
Displacement: 350 cu. in.
Compression ratio: 9.00-to-1
Carburetion: 2-barrel carburetor
Fuel: Regular gasoline
Standard in Delta 88, Vista-Cruiser,
Cutlass, Cutlass S, and F-85
Available in Cutlass Supreme.

#### 155-hp Action-Line 6

Horsepower: 155 at 4200 rpm
Torque: 240 lb.-ft. at 2000 rpm
Displacement: 250 cu. in.
Compression ratio: 8.50-to-1
Carburetion: Single-barrel carburetor
Fuel: Regular gasoline
Standard in Cutlass, Cutlass S, and
F-85 models.

### Transmissions.

Turbo Hydra-matic 400. Perhaps the smoothest, most refined transmission available today. Three speeds for maximum performance and economy. Standard in Toronado and Ninety-Eight. Available in 88. Vista-Cruiser and 4-4-2 models. A Turbo Hydra-matic 350 version is available in all Cutlass, and F-85 V-8 models.

Fully synchronized 3-speed manual. Easyshifting gear lever is located on steering column. Standard in all 88, Vista-Cruiser, Cutlass, and F-85 models.

Fully synchronized heavy-duty 3-speed manual. With floor-mounted Hurst Competition Shifter, standard in 4-4-2. Available in Cutlass, and F-85 V-8 models.

Fully synchronized 4-speed manual (Wide Ratio). Floor-mounted Hurst Competition Shifter. Available in Cutlass and F-85 V-8 models.

Fully synchronized 4-speed manual (Close Ratio). For quick, short-throw shifts. Floor-mounted Hurst Competition Shifter. Requires somewhat higher axle ratios. Available in 4-4-2, Cutlass, and F-85 V-8 models.

## Axle Ratios.

Olds offers a wide range of axle ratios to match whatever type of driving you do most. From top economy (2.56-to-1)... to all-around (3.23-to-1)... to heavy-duty maximum performance (5.00-to-1). The full list of ratios follows: 2.56-, 2.78-, 3.08-, 3.23-, 3.42-, 3.91-, 4.33-, 4.66-, and 5.00-to-1. Availability depending on engine and model choice.

NOTE: Special Anti-Spin Rear Axle available. Automatically directs power to wheel with best traction. Especially important if you drive in snow, sand, or on soft ground.

## Chassis. The unsung heroes that make every Olds a great Olds.

There are many important Olds features that you may never see or think about. But each of them is hard at work to bring you more comfort, dependability, security and lasting value than ever before. Young-mobile thinking? That's what it's all about!

Rugged Torque-Beam Frame. Consists of sturdy crossmembers and side members braced by rigid torque boxes. Provides a strong base for body and drive members. Virtually eliminates body twist.

Independent front suspension has Pivot-Poise ball joints with stabilizer bar. Low rate front springs combine with higher rate rear springs for a smooth ride, even with heavy loads. Rear suspension features a Twin-Triangle characteristic that Olds pioneered. Today, it is widely copied. Deep coil springs and direct, double-acting shock absorbers—front and rear. A combination that is hard to equal for ride and handling ease. Toronado features a suspension specially developed to team with front-wheel drive. Has been retuned for 1970 for an even smoother, quieter ride.

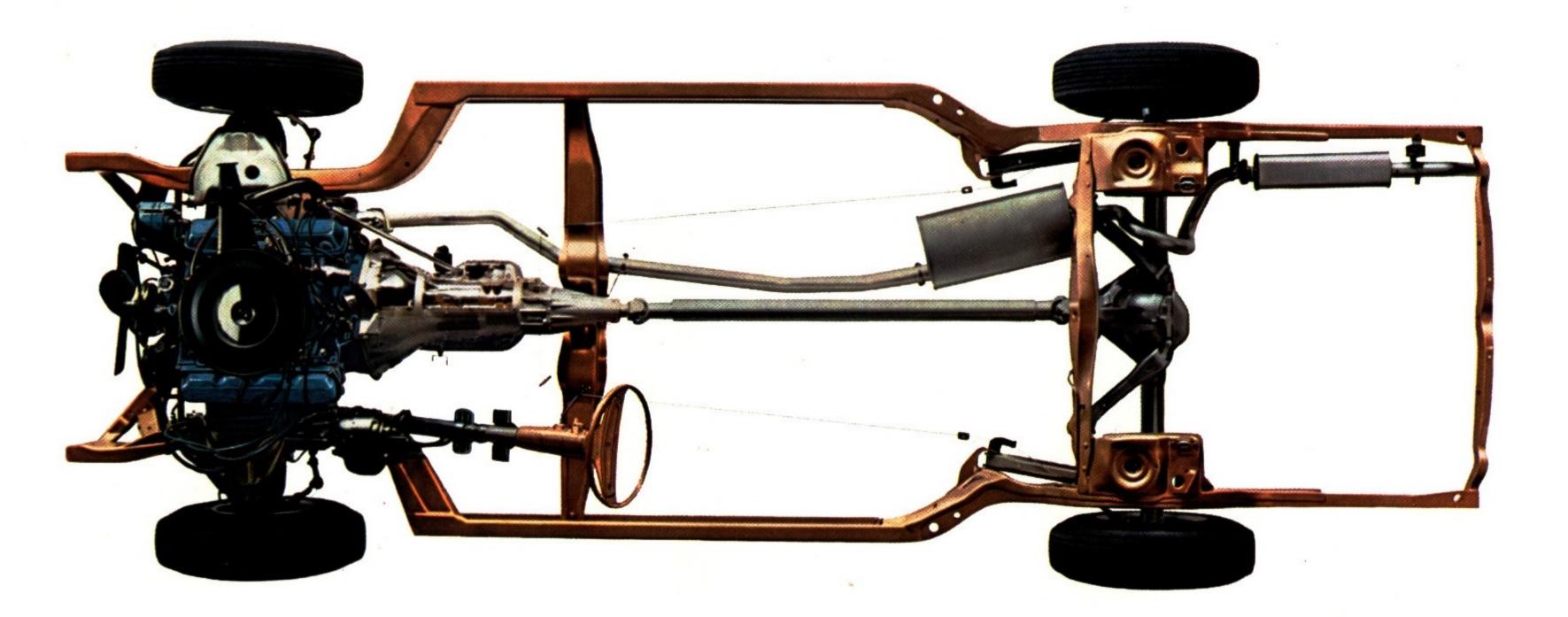
Close to a hundred live-rubber insulators, some double and triple thick, are used in chassis and body to soak up and dampen sounds and vibration. A smooth, quiet ride results.

Self-adjusting, dual master cylinder brakes. Newly refined for cool, trouble-free operation. Drum linings feature a new material for still better performance and greater wear durability. Power brakes standard in Toronado and Ninety-Eight with discs up front.

Olds steering system incorporates a lowfriction design to reduce steering effort to a minimum. Improved Vari-Ratio Power Steering is standard in Toronado and Ninety-Eight.

Exhaust system. Rust- and corrosion-resisting aluminum coats all inner and outer walls, baffles, and tubing of the muffler, resonator, and tailpipe—for longer exhaust-system life and greater value.

All tires feature new fiberglass-belted design for a significant increase in tread life. They also help to improve wet-road traction, handling, and braking.



## Safety Features. Travel with confidence—with new GM safety features.

At Oldsmobile, we do not only care how your Olds looks and handles, we also care how it cares for you. That's why the new GM safety features are built into each Oldsmobile as quickly as they are developed and tested. But the most important "safety feature" of all is you. Drive safely and courteously at all times.

Standard on all 1970 Olds models:

### OCCUPANT PROTECTION

■ Seat belts with pushbutton buckles for all passenger positions. ■ Shoulder belts with pushbutton buckles—driver and right front passenger. ■ Two front-seat head restraints ■ Energy-absorbing steering column. ■ Passenger-guard door locks with forward mounted lock buttons. ■ Safety door latches and hinges. ■ Folding seat-back latches. ■ Energy-absorbing padded instrument panel and front and intermediate seat-back tops. ■ Contoured wind-

shield header (except convertibles). ■ Thick laminate windshield. ■ Padded sun visors. ■ Safety armrests. ■ Safety steering wheel. ■ Body side-guard beams (except Toronado). ■ Fuel-tank impact security. ■ Glove box and console door latch impact security. ■ Smooth-contoured door and window regulator handles. ■ Soft, low-profile window control knobs, coat hooks, dome lamp. ■ Two front-seat belt retractors. ■ Shoulder belt anchorages for rear-seat outboard occupants. ■ High-strength front-seat anchorages and construction. ■ High-strength rear-seat retention. ■ Stamped-steel door hinges (at least 1 per door).

#### ACCIDENT PREVENTION

■ Side marker lights and reflectors.
 ■ Parking lamps that illuminate with headlamps.
 ■ Fourway hazard warning flasher.
 ■ Backup lights.
 ■ Lane change feature in direction-signal control.
 ■ Windshield defrosters, washers and

dual-speed wipers. ■ Wide-view inside day/
night mirror (vinyl-edged), shatter-resistant
glass and deflecting support. ■ Outside rearview mirror. ■ Bias-belted fiberglass tires and
tire tread wear indicators. ■ Dual master cylinder brake system with warning light. ■ Starter safety switch. ■ Dual-action safety hood
latches. ■ Headlamp aiming access provision.
■ Low-glare instrument-panel top, inside windshield moldings, wiper arms and blades, and
steering wheel metallic surfaces. ■ Safety
wheel rim. ■ Uniform shift quadrant. ■ No
winged wheel nuts, discs and caps. ■ Selfadjusting brakes and corrosion-resistant brake
lines.

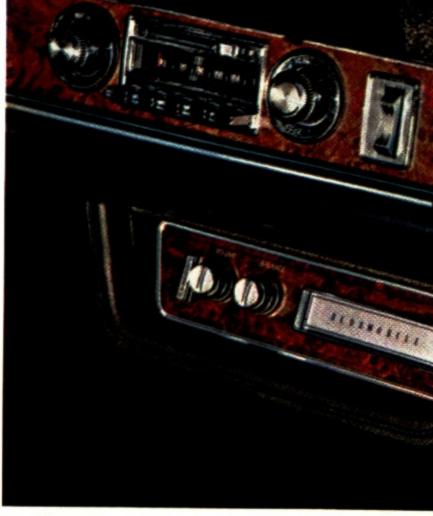
#### **ANTI-THEFT**

■ Anti-theft ignition warning buzzer.
 ■ Anti-theft steering column.
 ■ Multiple key combinations.
 ■ Visible vehicle identification.
 ■ Tamper-resistant odometer with telltale feature.

## **Options and Accessories**



Electric-defogging rear window. Silently, without a draft, clears back window of ice, steam or fog.



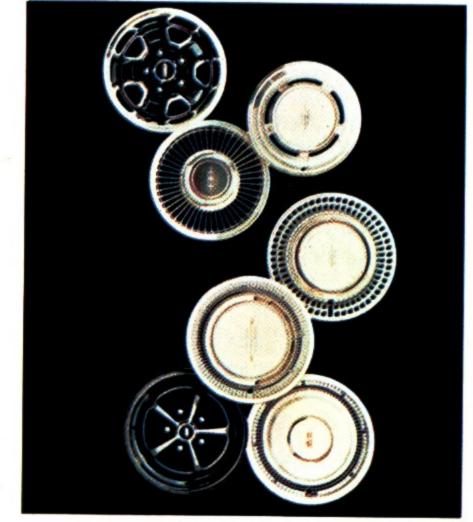
Radio and Stereo. AM or AM-FM, and stereo tape player. "Concealed" antenna in windshield included



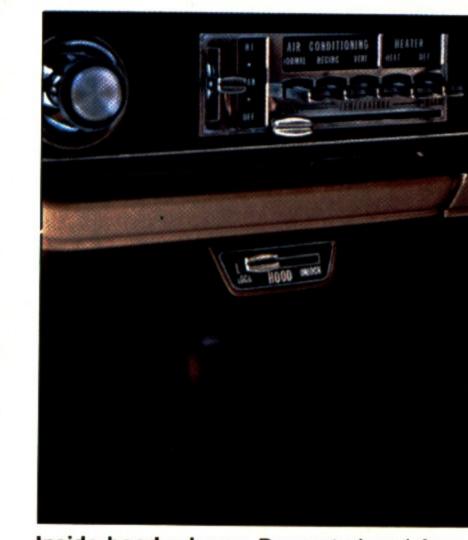
Tinted glass. For added driving comfort. Reduces glare and cuts heat from the sun. Available for windshield only, or for all windows.



Remote-control mirror. Permits you to angle the left outside mirror without opening the window.



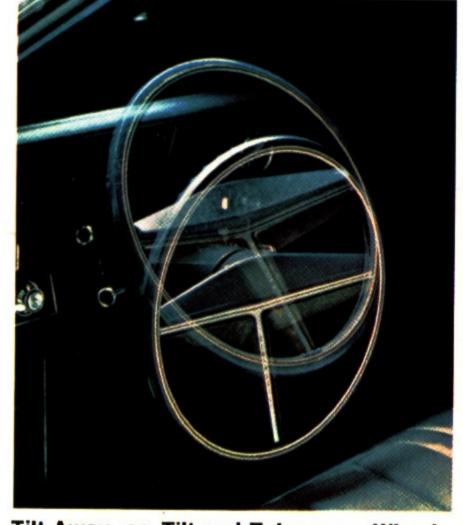
Special wheel covers. Whichever Oldsmobile you buy, special wheel covers are available for that particular model.



Inside hood release. Prevents hood from being opened until latch is released from the instrument panel.



Power seat, steering, windows, brakes. Power door locks, too - now with frontseat-back lock release. Locks all doors at once.



Tilt-Away or Tilt-and-Telescope Wheel. Adjust it till it is exactly right for you. Unique Instant-Horn also available. Honks when you squeeze the wheel.



Air Conditioning. Two choices: Four Season - warms, cools, filters, dehumidifies. Comfortron - all of the above and does it automatically.



Shift-lever controlled washer/wiper. New for 1970. Lets you clean the windshield by pushing a button in the gearshift lever.



Child Safety Seat. Simple and easy to use. Solid construction provides protection for child up to 30 pounds. Lap belt holds it in place.

Some of the options illustrated will vary in appearance depending on model application.



Infant Safety Carrier. A special rear-facing double-shell carrier for infant protection.

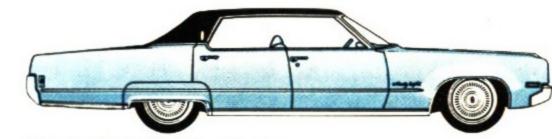
## 1970 Youngmobile Thinking



Ninety-Eight Luxury Sedan Hardtop



**Ninety-Eight Luxury Sedan** 



Ninety-Eight Holiday Sedan



**Ninety-Eight Town Sedan** 



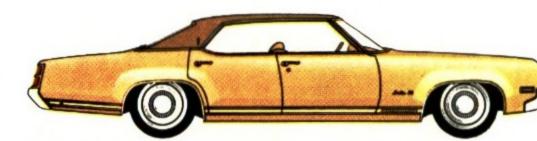
Ninety-Eight Holiday Coupe



Ninety-Eight Convertible



Delta 88 Royale Holiday Coupe



Delta 88 Custom Holiday Sedan



Delta 88 Custom Town Sedan



Delta 88 Custom Holiday Coupe



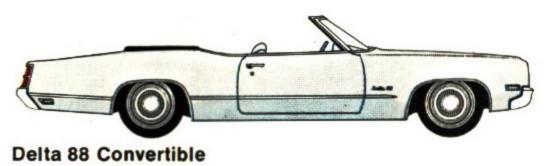
Delta 88 Holiday Sedan

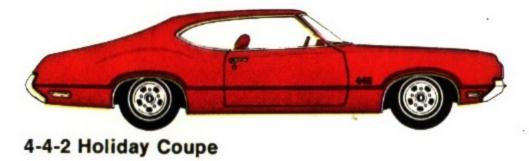


Delta 88 Town Sedan



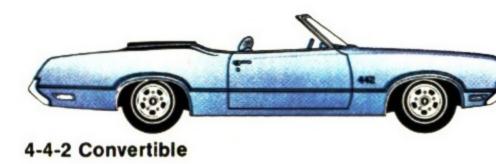
**Delta 88 Holiday Coupe** 







4-4-2 Sports Coupe





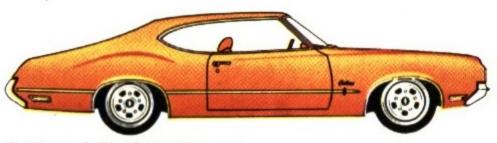
**Cutlass Supreme Holiday Sedan** 



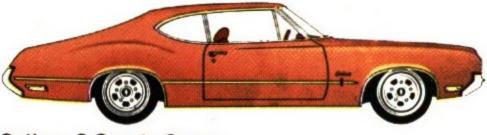
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**Cutlass Supreme Convertible** 

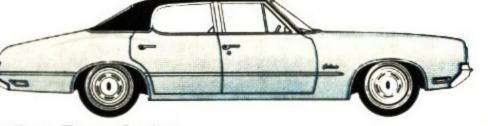


**Cutlass S Holiday Coupe** 



**Cutlass S Sports Coupe** 





**Cutlass Town Sedan** 



F-85 Sports Coupe



Vista-Cruiser 3-Seat



Vista-Cruiser 2-Seat



**Cutlass Station Wagon 2-Seat** 

## **Specifications**

		TORONADO	NINETY-EIGHT	DELTA 88 ROYALE	DELTA 88 CUSTOM	DELTA 88	VISTA-CRUISER	4-4-2	CUTLASS "S"	F-85	CUTLASS SUPREME	CUTLASS	CUTLASS
Body Styles		Deluxe Coupe	Luxury Sedan Luxury Sedan H.T. Town Sedan Holiday Sedan Holiday Coupe Convertible	Holiday Coupe	Town Sedan Holiday Sedan Holiday Coupe	Town Sedan Holiday Sedan Holiday Coupe Convertible	4 dr. 2-seat 4 dr. 3-seat	Sport Coupe Holiday Coupe Convertible	Sport Coupe Holiday Coupe	Sport Coupe	Holiday Sedan Holiday Coupe Convertible	Town Sedan Holiday Sedan	Station Wagon
Engines See chart belo	Standard (8 cyl.) Optional (8 cyl.) ow)	375 hp 455 V8 400 hp 455 V8	365 hp 455 V8	310 hp 455 V8 365 hp 455 V8 390 hp 455 V8	310 hp 455 V8 365 hp 455 V8 390 hp 455 V8	250 hp 350 V8 310 hp 455 V8 365 hp 455 V8 390 hp 455 V8	250 hp 350 V8 310 hp 350 V8 365 hp 455 V8		155 hp 250 Six 250 hp 350 V8 310 hp 350 V8 325 hp 350 V8 320 hp 455 V8	250 hp 350 V8 310 hp 350 V8 325 hp 350 V8	250 hp 350 V8 310 hp 350 V8 320 hp 455 V8		
Transmission	Standard Optional	Turbo Hydra-matic	Turbo Hydra-matic	3-spd. manual Turbo Hydra-matic	3-spd. manual Turbo Hydra-matic	3-spd. manual Turbo Hydra-matic	3-spd. manual Turbo Hydra-matic	3-spd. manual Heavy duty 4-speed Turbo Hydra-matic	3-spd. manual 4-speed Turbo Hydra-matic	3-spd. manual 4-speed Turbo Hydra-matic	3-spd. manual *4-spd. manual Turbo Hydra-matic (*Cpes Only)	3-spd. manual Turbo Hydra-matic	3-spd. manua Turbo Hydra-matic
Brakes (*Drum Front a	Disc/Drum (dia.) (ins.) Min. Eff. Area and Rear.)	Frt. Disc 11.80 Area 37.9 Rr. 11.0 Drum 174.4	Frt. Disc 11.80 37.9 Rr. 11.0 Drum 174.4	*Frt. 11.0 Rr. 11.0 178.7	*Frt. 11.0 Rr. 11.0 178.7	*Frt. 11.0 Rr. 11.0 178.7	*Frt. 9.5 Rr. 9.5 159.3	*Frt. 9.5 Rr. 9.5 141.8	*Frt. 9.5 Rr. 9.5 141.8	*Frt. 9.5 Rr. 9.5 141.8	*Frt. 9.5 Rr. 9.5 141.8	*Frt. 9.5 Rr. 9.5 141.8	*Frt. 9.5 Rr. 9.5 141.8
Steering Ratio Overall	Standard Power—Variable	N.A. 16.0:1—12.2:1	N.A. 16.0:1—12.4:1	33.38 16.0:1—12.4:1	33.38 16.0:1—12.4:1	33.38 16.0:1—12.4:1	28.3 16.0:1—12.4:1	28.3 16.0:1—12.4:1	28.3 16.0:1—12.4:1	28.3 16.0:1—12.4:1	28.3 16.0:1—12.4:1	28.3 16.0:1—12.4:1	28.3 16.0:1—12.4:1
	ft.) Curb to Curb	42.9	46.9	45.4	45.4	45.4	42.8	40.0	41.2	41.2	41.2	41.2	41.3
Energizer	Standard (8 cyl.)	74 amp.	74 amp.	73 amp.	73 amp.	61 amp.	61 amp.	74 amp.	61 amp.	61 amp.	61 amp.	61 amp.	61 amp.
Suspension		Front, Torsion bar Rear, Single leaf	r Full Coil	Full Coil	Full Coil	Full Coil	Full Coil	Full Coil	Full Coil	Full Coil	Full Coil	Full Coil	Full Coil
Frame		Special Torque Beam	Torque Beam	Torque Beam	Torque Beam	Torque Beam	Torque Beam	Torque Beam	Torque Beam	Torque Beam	Torque Beam	Torque Beam	Torque Bean
Wheelbase (ins	s.)	119.0	127.0	124.0	124.0	124.0	121.0	112.0	112.0	112.0	116.0 Holiday Sedan	116.0 Holiday Sedan	116.0
Length (overall	l) (ins.)	214.3	225.2	219.1	219.1	219.1	218.2	203.2	203.2	203.2	203.2	207.2	213.2
Height (ins.)†		52.8	54.8	54.7	54.7 Holiday Sedan	54.7 Holiday Sedan	58.6	52.8	52.8	52.8	52.8	53.5 Holiday Sedan	
Width (ins.)		78.8	80.0	79.9	79.9	79.9	77.2	76.2	76.2	76.2	76.2	76.8	77.2
Weight (lbs.)	t	4459	4397 Town Sedan	4136	4221 Holiday Sedan	4120 Holiday Sedan	The second secon	3713	3452	3401	3558	3468	3956(V8)
Tread (ins.)	Front Rear	63.5 63.0	62.5 63.0	62.5 63.0	62.5 63.0	62.5 63.0	59.0 59.0	59.0 59.0	59.0 59.0	59.0 59.0	59.0 59.0	59.0 59.0	59.0 59.0
Tires	Base	J78 x 15 inch	J78 x 15 inch	H78 x 15 inch	H78 x 15 inch	H78 x 15 inch	H78 x 14 inch	G78 x 14 inch V8	G78 x 14 inch V8	G78 x 14 inch V8	G78 x 14 inch V8	G78 x 14 inch V8	G78 x 14 inch
Wheel size		15 x 6 inch	15 x 6 inch	15 x 6 inch	15 x 6 inch	15 x 6 inch	14 x 6 inch	14 x 7 inch	14 x 6 inch	14 x 6 inch	14 x 6 inch	14 x 6 inch	14 x 6 inch
Road Clearance	e (ins.)	4.5	5.7	5.9	5.9	5.9	6.2	4.5	4.5	4.5	4.5	4.5	5.2
Headroom (ins	E.) Front† Rear	37.7 37.2	38.6 38.0	39.0 37.8	39.0 37.8	38.6 Holiday 37.7 Sedan	38.4 2-st. 40.3 2-st. (a)	37.9 36.3	38.2 Holiday 36.3 Coupe	37.9 36.3	38.2 Holiday 36.3 Coupe	38.8 Holiday 37.4 Sedan	38.9 38.3
Legroom (ins.)	Front† Rear	41.3 35.5	41.7 37.1	41.6 35.1	41.6 35.1	42.5 Holiday 39.0 Sedan	42.8 2-st. 38.0 2-st. (b)	41.4 34.1	41.5 Holiday 34.1 Coupe	41.4 34.1	41.5 Holiday 34.1 Coupe	42.8 Holiday 35.0 Sedan	42.8 35.0
Shoulder (ins.) Room	) Front† Rear	58.8 59.6	62.3 60.9	62.4 61.0	62.4 61.0	62.3 Holiday 61.4 Sedan	58.3 2-st. 57.5 2-st. (c)	58.3 57.1	58.3 Holiday 57.0 Coupe	58.3 57.1	58.3 Holiday 57.0 Coupe	58.3 Holiday 57.4 Sedan	58.3 57.4
Hiproom (ins.)	Front† Rear	62.3 55.6	63.6 55.2	63.7 55.5	63.7 55.5	63.8 Holiday 63.1 Sedan	59.9 2-st. 59.2 2-st. (d)	59.7 58.3	59.7 Holiday 58.4 Coupe	59.7 58.5	59.7 Holiday 58.5 Coupe	59.5 Holiday 59.3 Sedan	59.8 59.5
Fuel Tank Cap	pacity (Imp. gals.)	20.0	20.8	20.8	20.8	20.8	19.1	16.6	16.6	16.6	16.6	16.6	19.1
Usable Luggag	ge Space (cu. ft.)	19.6	20.5	19.5	19.5	19.5	_	17.0	17.0	17.0	17.0	17.0	_
	(not including Hidden rtment) (Cu. ft.)	_	_	_		_	100.5	- FOE Coasts C	-	_	-	_	86.1

† V8 Hardtop Coupes. Except, 2-seat Vista-Cruiser, Cutlass Supreme Holiday Sedan, Cutlass Wagon and Town Sedan, F85 Sports Coupe.

(a) 3rd-seat 38.0 ins (b) 3rd-seat 36.2 ins (c) 3rd-seat 44.3 ins (d) 3rd-seat 44.3 ins

365 HP ROCKET 250 HP 155 HP 320 HP 310 HP 325 HP 310 HP 370 HP 365 HP 390 HP 400 HP **ENGINES** FORCE-AIR FORCE-AIR ACTION-LINE ROCKET ROCKET ROCKET ROCKET ROCKET ROCKET ROCKET ROCKET 455 V8 H.C. 442 Std. 455 V8 H.C. L33 455 V8 H.C. 350 V8 H.C. ROCKET 350 V8 455 V8 H.C. W34 455 V8 H.C. W33 455 V8 H.C. Six 455 V8 H.C. ROCKET (Reg. Fuel) L65 (Reg. Fuel) L30 350 V8 H.C. (Reg. Fuel) L74 L31 Std. 4-4-2 455 V8 H.C. W31 W30 455 455 350 250 455 455 455 350 350 455 Displacement (cu. ins.) 455 455 320 @ 4200 310 @ 4200 250 @ 4400 365 @ 4600 325 @ 5400 155 @ 4200 375 @ 4600 370 @ 5400 365 @ 5000 310 @ 4800 390 @ 5000 HP @ rpm 400 @ 4800 500 @ 3200 500 @ 2400 490 @ 2400 360 @ 3600 380 @ 3200 355 @ 3200 240 @ 2000 510 @ 3000 500 @ 3200 500 @ 3600 510 @ 3000 Torque @ rpm 500 @ 3200 10.25:1 10.25:1 10.25:1 10.25:1 9.00:1 8.50:1 10.50:1 10.50:1 10.50:1 **Compression Ratio** 10.25:1 10.25:1 10.25:1 1 bbl. 4 bbl. 2 bbl. 4 bbl. 4 bbl. 4 bbl. 2 bbl. 2 bbl. 4 bbl 4 bbl. 4 bbl. 4 bbl. Carburetion 4.125 x 4.250 4.057 x 3.385 3.875 x 3.53 4.125 x 4.250 4.125 x 4.250 4.057 x 3.385 4.057 x 3.385 4.057 x 3.385 4.125 x 4.250 4.125 x 4.250 4.125 x 4.250 4.125 x 4.250 Bore & Stroke (ins.) Regular Regular Premium Premium Premium Regular Premium Premium Premium Premium Premium Premium 3.3 3.3 3.3 3.3 3.3 4.2 3.3 3.3 3.3 3.3 3.3 4.2 Oil System (less filter) (Qts. imp.) 10.1 14.5 12.6 12.6 14.5 14.5 15.5 15.0 15.0 15.0 Cooling System (Qts. imp.) 15.0 14.5 Single Single Dual Single Dual Single Dual Single Dual Dual Single Dual Exhaust System Outlets Hydraulic Hydraulic Hydraulic Hydraulic Hydraulic Hydraulic Hydraulic Hydraulic Valve Lifters Hydraulic Hydraulic Hydraulic Hydraulic 9.12 11.00 10.40 10.40 10.40 11.00 11.00 11.00 Clutch Diameter (ins.)

AXLE RATIOS (without air-conditioning) Std. engines V-

. . .

	Turbo Hydra-matic 350	Turbo Hydra-matic 400	3 speed manual	4 speed manual		Turbo Hydra-matic 350	Turbo Hydra-matic 400	3 speed manual	4 speed manual
TORONADO	NA	3.07:1	NA	NA	VISTA-CRUISER	2.78:1	2.78:1	3.23:1	NA
NINETY-EIGHT	NA	2.56:1	NA	NA	4-4-2	NA	3.23:1	3.08:1	3.42:1
DELTA 88 ROYALE	NA	2.56:1	2.93:1	NA	CUTLASS SUPREME	2.56:1	2.56:1	3.08:1	3.08:1 3.42:1
DELTA 88 CUSTOM	NA	2.56:1	2.93:1	NA	CUTLASS	2.56:1 V8 2.78:1 L6	NA	3.08:1 V8 2.78:1 L6	3.08:1 3.42:1
DELTA 88	NA	2.78:1	3.23:1	NA	F-85	2.56:1 V8 2.78:1 L6	NA	3.08:1 2.78:1 L6	3.08:1 3.42:1

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