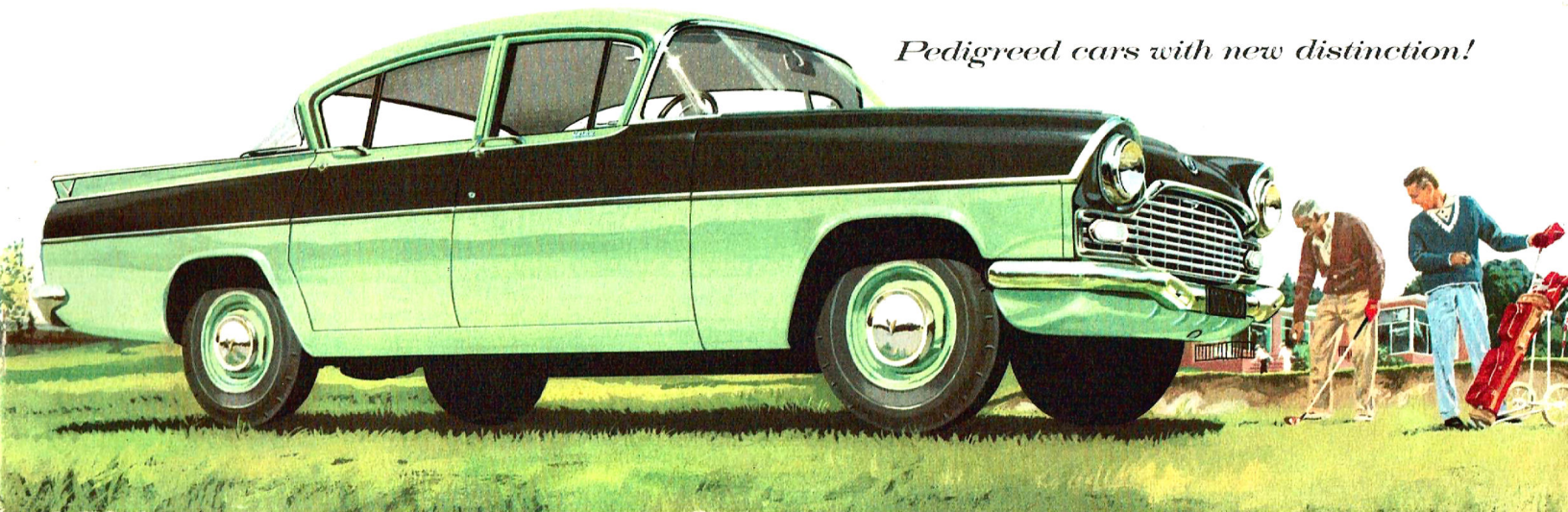
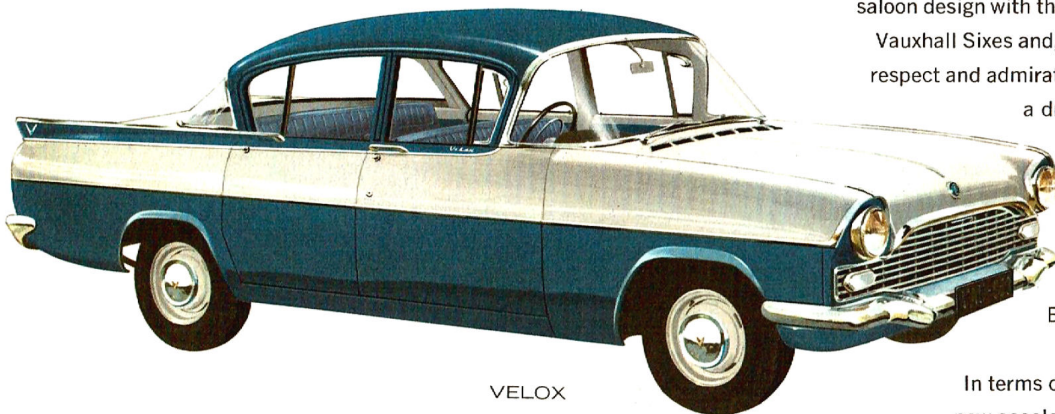


THE NEW VAUXHALL  
VELOX & CRESTA

*Pedigreed cars with new distinction!*



A NEW ACCENT ON STYLING & PERFORMANCE  
GIVES VELOX & CRESTA DRAMATIC NEW PERSONALITY



Three years ago Vauxhall engineers set a new pace in family saloon design with the introduction of the low-slung aerodynamic Vauxhall Sixes and, since then, these cars have won world-wide respect and admiration. Now Vauxhall Velox and Cresta take on

a dramatic new personality and they're headed

for even greater acclaim. There are dashing styling touches, handsome new colour treatment and fashionable new interiors. But even more exciting changes are offered in performance.

Both models have an all new 2.6 litre engine which gives a power output of 113 b.h.p.

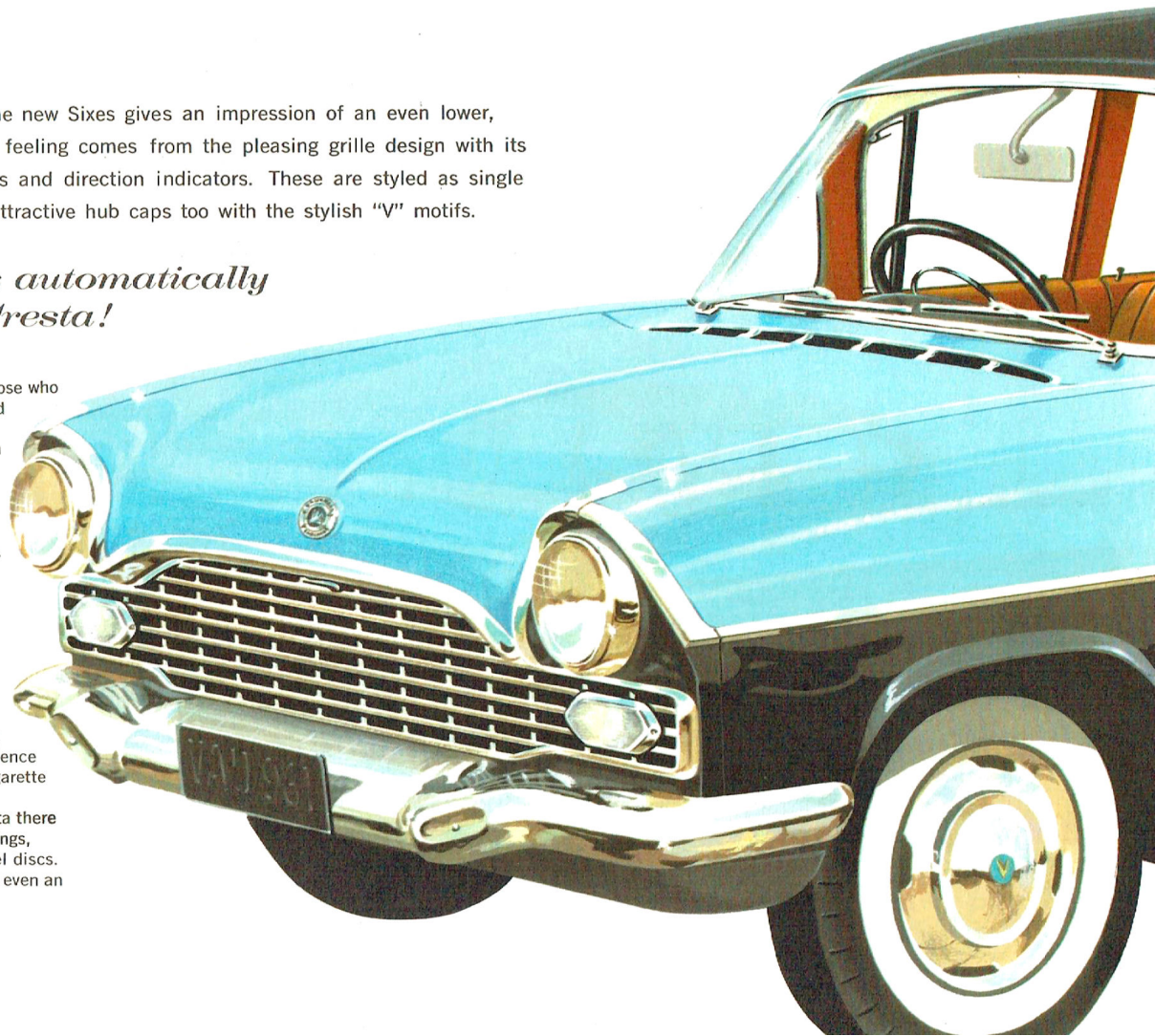
In terms of road performance this means invigorating new acceleration and truly effortless highway cruising.

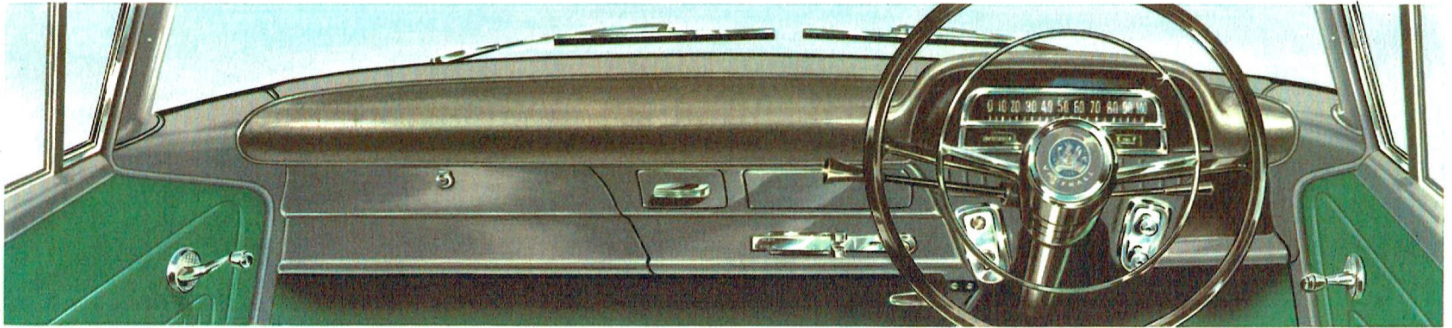
In the Cresta, this new power is teamed with Hydra-matic, the automatic transmission for easier, smoother driving. Hydra-matic is available as a factory-fitted option on Vauxhall Velox.

The frontal appearance of the new Sixes gives an impression of an even lower, wider car and much of this feeling comes from the pleasing grille design with its new combined parking lights and direction indicators. These are styled as single compact units. Notice the attractive hub caps too with the stylish "V" motifs.

*Luxury comes automatically  
with the new Cresta!*

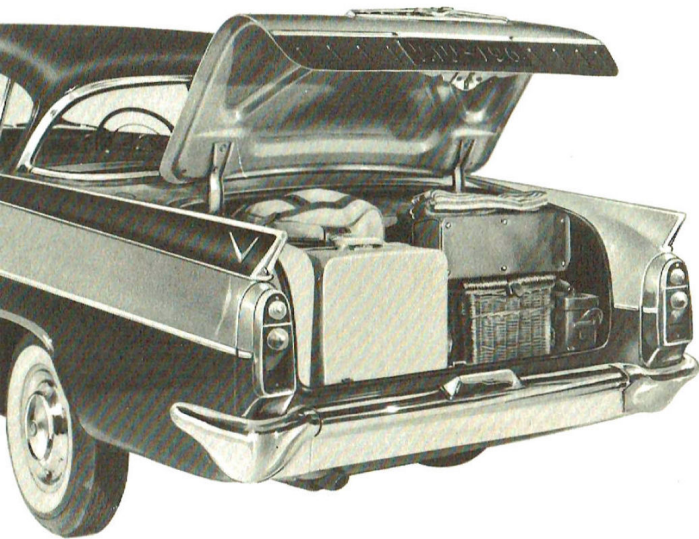
Vauxhall Cresta is designed for those who prefer extra refinements . . . added touches of comfort, convenience and styling elegance. So although Cresta offers the same superb comfort and performance as the Velox, it includes a host of special features. Foremost of these is Hydra-matic transmission. This proven automatic unit offers "two-pedal" driving at its very best and you enjoy smooth, automatic gear changing with complete reliability and economy. As part of the Cresta's luxurious interior there's genuine leather upholstery, meticulously tailored, and thick carpeting over the front and rear floors. For added convenience there is a neat electric clock, a cigarette lighter and windscreen washers. Enhancing the exterior of the Cresta there are additional bright metal mouldings, white-wall tyres and chromed wheel discs. Such is the attention to detail that even an automatic boot light is included.





VELOX INSTRUMENT PANEL

## NEW LOOK FROM BEHIND THE WHEEL



A new, flat-topped fascia smartly houses all instruments in front of the driver's eye and its neat covering is resilient as an added safety feature. The "Colour-Span" speedometer has a horizontally moving indicator line. From 0 to 30 m.p.h. the line is green, 30 to 60 amber, and from 60 upwards it appears bright red. Thus, even a quick glance to the speedometer gives the driver an instant indication of speed. All controls are thoughtfully placed at the driver's fingertips – everything from the gear lever to minor controls such as the windscreen wipers. The handbrake is of the quick-release type and can't possibly jam on. The interior illustrated is that of a Vauxhall Velox with manual transmission. In the Cresta, and the Velox equipped with Hydra-matic transmission, the automatic selection lever is in a similar convenient position to that of the normal gear lever.

### HOLIDAY-SIZE BOOT

There's ample room for all the family's holiday luggage in this generously proportioned boot. The wide flat floor is clear of obstructions and has a low front lip for easier loading. The lid is counter-balanced and, for extra convenience, unlocks with the same key that is used for both ignition and doors. An enclosed compartment beneath the boot floor houses the spare wheel so that it's out of the way yet readily accessible.

**COME ON IN, THE DRIVING'S FINE...**

No matter where you travel you will find a Vauxhall Six provides a standard of driving comfort that is virtually unsurpassable. This stems from Vauxhall's perfectly balanced combination of proven "flat-ride" suspension, an exceptionally low centre of gravity and a well-chosen wheelbase. Furthermore, even on deeply rutted roads you can be sure of ample clearance. There's a full 7" of ground clearance.

Another feature which adds to driving comfort and safety is Vauxhall's "full-compass" vision. The wide sweep of glass to front, rear and sides allows a clear, unobstructed view in all directions. Drivers particularly appreciate Vauxhall's outstanding vision when parking, backing or driving in heavy traffic. Naturally safety glass is fitted throughout.



INSPIRING NEW PRIDE IN THE CAR YOU DRIVE

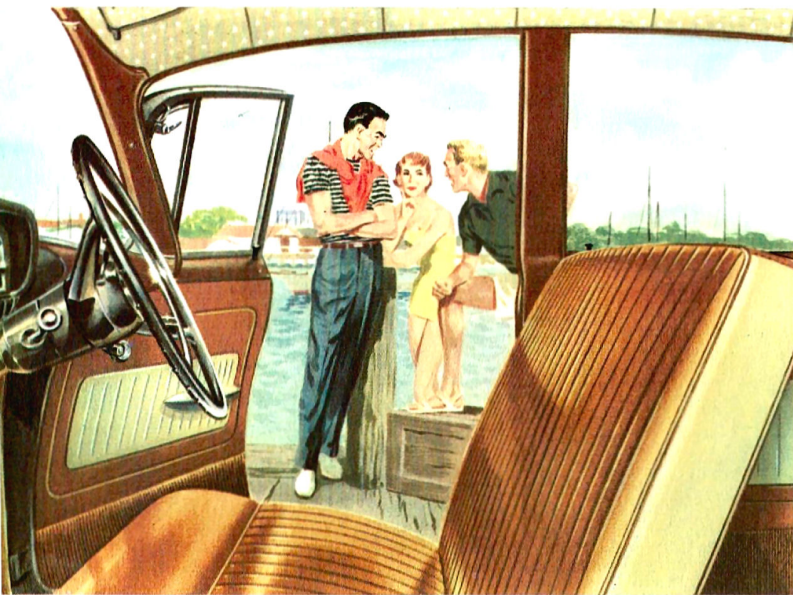
In any situation—a casual seaside picnic or a formal outing—the long, low and lovely lines of a Vauxhall Six will give you a new degree of pride of ownership. At the rear, see how the tasteful fin treatment is highlighted by a sweep of colour. The new design wrap-around bumper and compact tail light and turn indicator units also accentuate the appeal of the new

styling. Notice too, the attractive new colour combinations. All are in Magic-Mirror Finish, which keeps its original showroom lustre for up to three years with little or no polishing. Its gem-hard surface resists chipping, cracking and staining. More than ever Vauxhall is built to be admired—and built to give many years of trouble-free motoring pleasure.

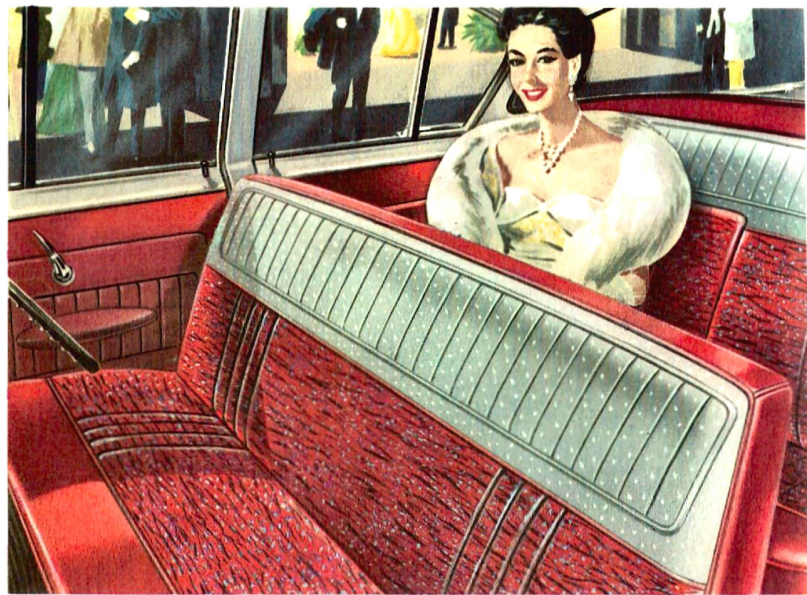


## SOPHISTICATED NEW INTERIORS

TO HARMONISE WITH THE RANGE OF COLOURFUL NEW EXTERIOR TONINGS

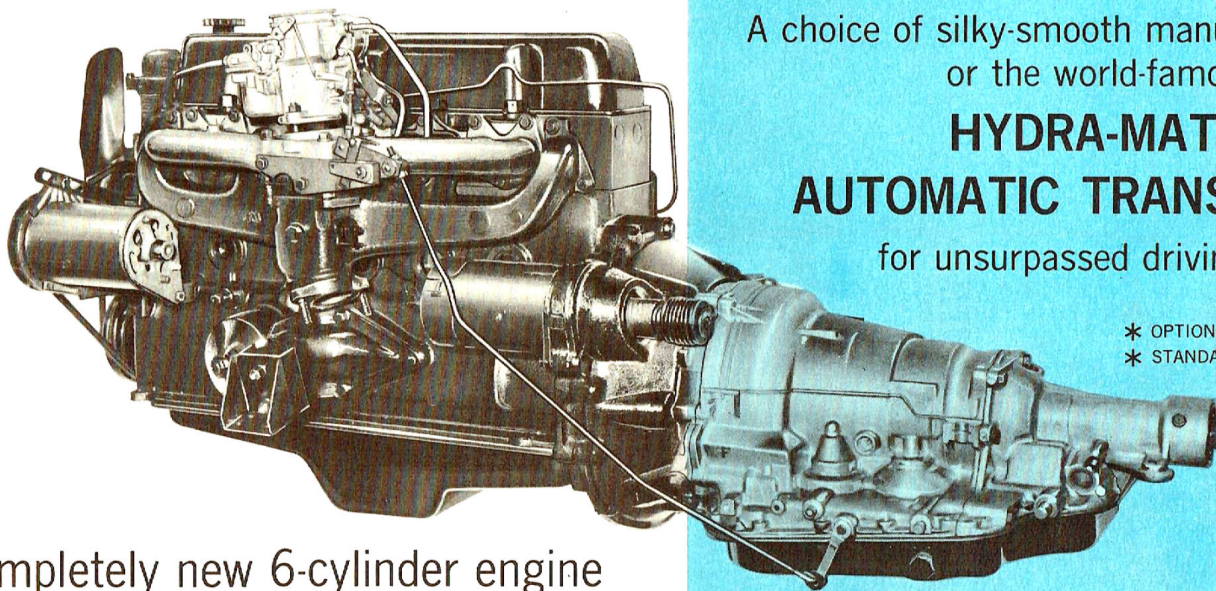


Superb comfort, combined with stylish good taste, is the keynote of Velox and Cresta interiors. There's comfortable room for three adults in both the front and rear and all seats are foam-rubber padded. The rear seat has a folding centre arm-rest and other arm-rests are mounted on all doors. Besides being instantly adjustable for leg room, the front seat can be set for height and rake. All the head room and leg room that really tall people need is readily available. Colours are carefully chosen to blend harmoniously with the exterior tonings.



**At left:** Cresta interiors are luxuriously appointed with genuine leather upholstery, in a range of shades which tone perfectly with exterior colour schemes.

**Above:** "Elascofab" upholstery in the Velox is colourful and practical. This material is renowned for its smart and fashionable appearance, for its exceptional durability and easy cleaning qualities.



## Completely new 6-cylinder engine develops 113 b.h.p. for effortless all-round performance

This sturdy new six-cylinder o.h.v. engine is rated at 25.35 h.p. and develops an outstanding 113 b.h.p. The higher engine performance is teamed with a higher rear axle ratio and this gives both the Velox and Cresta the ability to "bowl along" at low engine speeds — and this, in turn, promotes longer engine life and excellent economy. Main features contributing to the engine's high performance are a bigger capacity (162 cu. in.) — a higher compression ratio of 8.1 to 1, plus a bigger carburettor.

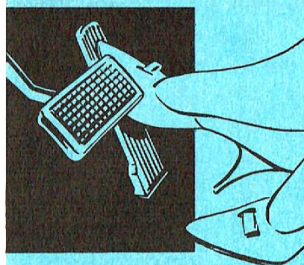
Other technical features worthy of note are Vauxhall's individual inlet and exhaust valve ports for more efficient "breathing", copper lead main and big-end bearings for longer life, and wedge-shaped combustion chambers for improved combustion.

In keeping with Vauxhall engineering custom, all important engine parts are readily accessible.

A choice of silky-smooth manual gear change  
or the world-famous  
**HYDRA-MATIC\***  
**AUTOMATIC TRANSMISSION**  
for unsurpassed driving ease

- \* OPTIONAL EXTRA ON VELOX
- \* STANDARD EQUIPMENT ON CRESTA

Hydra-matic as fitted to the Vauxhall Sixes is a new version of the well-known HYDRA-MATIC transmission which has been proved over years of owner driving in the most expensive English and American cars. Developed by the General Motors Corporation, its advanced yet basically simple design ensures maximum efficiency . . . gives top economy and performance. Hydra-matic is absolutely dependable too, built to last the lifetime of the car, and requires little service. It features a built-in parking brake for safer, convenient parking on hills, plus a special "intermediate" ratio for strenuous acceleration or engine braking.



Because of Hydra-matic's smoother, efficient 3-speed operation and because it always changes gears at the most suitable engine speed, there's less wear on engine parts, transmission and tyres.

Naturally, driving with Hydra-matic is so much easier, less wearing for the driver, too. You'll be surprised how relaxed and how skilful your driving becomes. As no concentration or effort is wasted on gear changes, you also enjoy safer motoring.

**In short — Hydra-matic on Vauxhall gives you all the very best of "two-pedal" driving!**

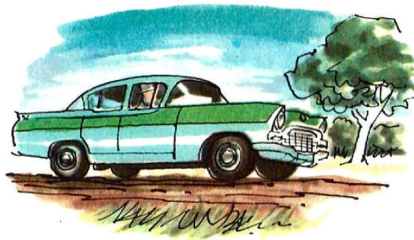


Silky-smooth manual-change gear box\*  
features synchromesh  
on all forward gears

\* OPTIONAL ON VELOX ONLY

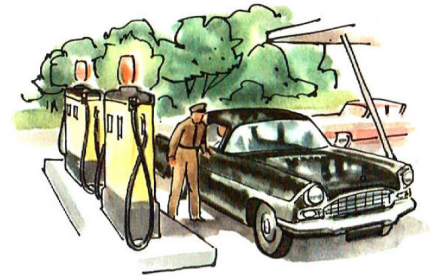
You will particularly appreciate Vauxhall's synchromesh on all forward gears when driving in slow traffic or climbing steep grades. Under most driving conditions you'll find there's rarely any need to use low gears because of Vauxhall's wonderful top gear flexibility. When you do however, you can change down into "first" without any trouble. With this gearbox each change is delightfully smooth, silent and positive — manual gear changing at its very best.

## HOW VAUXHALL ENGINEERING ADDS TO YOUR



### *Effortless highway cruising*

Vauxhall's big, powerful engine and high gearing make the miles slip by in silence. At high cruising speeds you still have an abundance of power in reserve for emergencies.



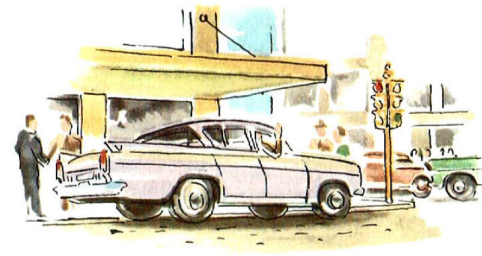
### *Outstanding economy*

The Vauxhall Sixes (automatic or manual) are surprisingly light on fuel. This is due largely to efficient engine design and low wind-cheating lines.



### *Stability on any curve*

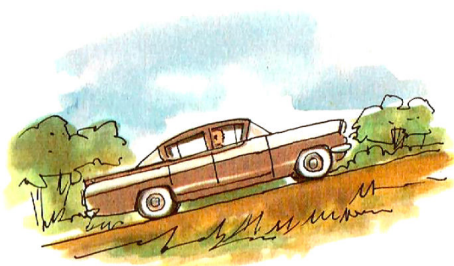
Vauxhall's "leech-like" road-holding is the result of an ideal combination of "flat-ride" suspension, low centre of gravity and a well-chosen wheel-base. No corner, no pothole disturbs Vauxhall's level ride.



### *Improved stopping power*

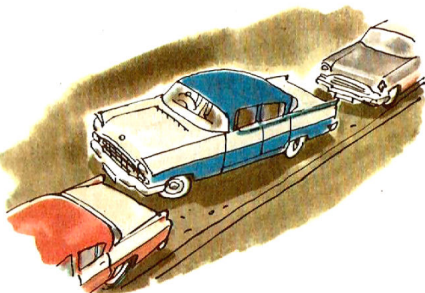
Braking areas have been increased to nearly 147 sq. inches to match the Sixes' increased power. Front brake drums are now 10" in diameter. This means that Vauxhall braking, which has always been outstanding, is now better than ever.

## MOTORING PLEASURE



### *Easier gear changing*

In Velox manual change models you rarely have to use the lower gears. When you do, each change is smooth and swift — and there's synchromesh on **all** forward gears including "first".



### *Pleasure in parking*

Vauxhall's recirculating ball steering is light and responsive — and the further you turn toward either lock the lighter the steering becomes. True self-centering action gives greater driving ease, increased safety.

*To complete your driving enjoyment-  
"Nasco Accessories" are  
tailored specially for Velox and Cresta*



### **'AIR CHIEF' CAR RADIO**

Choose "Air Chief", the GMH transistor car radio for your new Vauxhall; "Air Chief" guarantees you the finest standards of car enjoyment with good looks that blend perfectly with Vauxhall's interior design. "Air Chief" also offers the ease and safety of push-button tuning, crystal clarity at all times, plus unexcelled, long-range reception.

"AIR CHIEF", the only car radio approved by GMH.

### **OTHER ACCESSORIES**

Your Vauxhall Dealer has a complete range of NASCO accessories, including such items as windshield washer, seat covers, rear wheel covers, car heater, windshield sunshade, wheel trim rings, and many others. Arrange with your Dealer to have your choice of approved NASCO accessories fitted before you take delivery.

## MAGIC-MIRROR FINISH

This revolutionary paint finish retains original showroom lustre far longer with little or no polishing. Regular washing is the only attention required for up to three years. Its gem-hard surface also has far greater resistance to chipping, cracking and staining. Magic-Mirror puts extra value into your Vauxhall at no extra cost—protects resale value, too!

## NEW GMH OWNER SERVICE POLICY & PROTECTIVE MAINTENANCE PLAN

You benefit from an Australia-wide system of regular inspection and protective maintenance carried out by factory-trained mechanics at GMH Dealerships everywhere. Vauxhall owners receive Service Booklets with tear-out coupons listing services and lubrication needed at regular intervals, together with established labour times. This money-saving Service Plan provides safer, more economical and dependable motoring, and protects resale value.



As a further protection you have the benefits of an Australia-wide genuine parts supply—a supply which ensures the ready availability of any Vauxhall part no matter where you drive throughout Australia. All parts are manufactured under strict quality control and are economically priced.

Sold and serviced by

Convenient GMAC Hire Purchase facilities available

## SPECIFICATIONS

### ENGINE:

Six-cylinder, square-type engine. Pushrod-operated overhead valves. Gearbox built as a unit with engine, complete assembly mounted in frame at 3 points. R.A.C. and S.A.E. rating 25.35 H.P. Max. B.H.P. 113 at 4,800 R.P.M. (Gross). Max. torque 147.8 at 2,400 R.P.M. (Gross). Bore, 3 $\frac{1}{2}$  inches; stroke, 3 $\frac{1}{2}$  inches; displacement, 162 cub. inches; compression ratio, 8.1:1. Four-bearing crankshaft with steel shell, copper-lead lined bearings. Flat crown aluminium alloy tin-plated pistons with split oval ground skirts; three piston rings—top one chromium plated; steel shell, copper-lead lined connecting rod bearings; high-pressure lubrication system; camshaft driven fuel pump. Deep-skirt block webbed for extra rigidity.

### COOLING SYSTEM:

Pressurised system operating at 3 $\frac{1}{2}$  to 4 $\frac{1}{2}$  lbs. per sq. in. Radiator cap with pressure and vacuum spring release valves. Thermostatic control. Capacity of system, 16.75 pints.

### FUEL SYSTEM:

Camshaft driven petrol pump. Down-draught carburettor with automatic choke. Fuel tank capacity, 10.8 gallons.

### MANUAL TRANSMISSION:

Clutch: Hydraulically controlled; 9 in. single dry plate. Gearbox: Three forward speeds, one reverse. Synchronesh on all forward speeds. Horizontal gear shift mounted on steering column. Gearbox ratios: First, 2.866:1; Second, 1.635:1; Top, direct; Reverse, 3.050:1.

### HYDRA-MATIC TRANSMISSION:

General Motors design; hydraulically-operated planetary gear trains combined with one controlled fluid coupling and torque multiplier. Six quadrant positions RLSDNP. Three forward gear ratios: D (Drive); direct, S (Intermediate) 1.58:1. L (Low) 3.03 to 3.64:1. R (Reverse) 2.516 to 3.57:1. Effective engine braking with selector in L and S positions. P position acts as parking brake. Engine can only be started with selector in P or N position. Selector lever and quadrant on steering column. Hydra-matic drive is standard equipment on Cresta . . . optional on Velox models.

### REAR AXLE:

Semi-floating, spiral hypoid final drive. Individually matched crown wheel and pinion. Axle ratio, 3.9:1. Drive line: Single, open propeller shaft, needle roller bearing universal joints. Tyres: Velox, 5.90 x 14 x 4, Tubeless; Cresta, 5.90 x 14 x 4, Tubeless, white wall.

### CHASSIS FEATURES:

Front Suspension: Independent front wheel springing. Long and short arm units with double wishbones containing coil springs and double-acting shock absorbers. Stabilizer bar connecting the units.

Rear Suspension: Long, semi-elliptic underslung rear springs of wide-leaf type (2 $\frac{1}{2}$  ins. wide) shack-

led at rear end. Spring eyes and shackles fitted with rubber bushes. Double-acting hydraulic shock absorbers, mounted with pronounced inward inclination.

### BRAKES:

Foot brakes, Vauxhall-designed brakes with Lockheed hydraulic operation. Composite brake drums, front 10 ins. dia., rear 9 ins. dia. Front/rear braking ratio, 64:36. Two leading shoes, front; 1 leading, 1 trailing, rear. Total lining area, 146.88 sq. ins. Hand-brake operates mechanically on rear wheels only.

### STEERING:

Recirculating ball-type. Steering wheel diameter, 17 ins.; steering gear ratio, 15.5:1. Turning circle, 39 ft.

### ELECTRICAL SYSTEM:

12-volt generator with regulated output, interrupter unit. Dual horns; sealed, pre-focus, double-dipping headlamps. Separate front parking lamps. Foot-operated dipper switch. Turn indicator lamps: Front—combined in parking lights (white); rear—separate (amber). Central number-plate lamp. Rheostat-controlled instrument cluster illumination. Interior roof lamp (with map-reading beam) operated by main switch and by courtesy switches: Velox on front door, Cresta on all doors. Electric windshield wipers.

### BODY AND INTERIOR:

Four-door, four-window designs. Solid top, single-piece roof. All-metal welded integral construction. Rear doors locked by control knob on window sills—when the control knob is depressed the door cannot be opened; both front doors can be unlocked by ignition key. Wind-up windows, front doors have no-draught ventilation. Door locks controlled by push-buttons outside. Safety glass throughout. Spare wheel in well with cover.

### INTERIOR:

Single piece front seat, backward adjustment by lever. Up and down movement adjusted by metal shims. Full-width rear seat. Seats fitted with "Z"-type springs. Black rubber mats of a simulated carpet pattern over heavy-quality, sound-deadening felt, front and rear in Velox; carpet front and rear in Cresta. Elascofab and P.V.C. trim in Velox, leather and P.V.C. trim in Cresta. Front and rear seat squabs with foam rubber; centre folding armrest in rear seat. Armrests on all four doors. Footrest for rear passengers. Twin sun visors. One ashtray in panel, one in back of front seat.

### SPECIAL EQUIPMENT, CRESTA:

The Cresta model is distinguished from the Standard Velox by the following: Hydra-matic drive, genuine leather upholstery, white-wall tyres, chromed wheel discs, chromed scalp moulding frames and side windows, windscreen washers, automatic boot light, carpet throughout, electric clock, cigarette lighter, coat hooks, courtesy light switches on all four doors, bright metal mouldings on instrument panel, lock on glove box.

Specifications and equipment subject to change without notice.

## GENERAL MOTORS-HOLDEN'S PTY. LIMITED

Brisbane, Sydney, Melbourne, Adelaide, Perth.

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