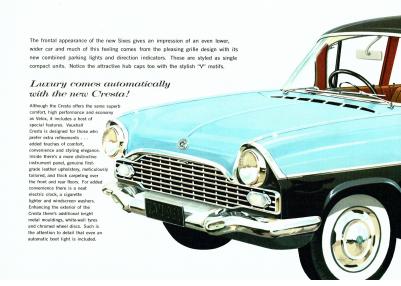
# THE NEW VAUXHALL VELOX & CRESTA









# NEW LOOK FROM BEHIND THE WHEEL



A new, flat-topped facia 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 horizonally moving indicator line. From 0 to 30 mp.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.

### HOLIDAY-SIZE BOOT

HOLIDAY-SIZE, BOOTT 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.





### SOPHISTICATED NEW INTERIORS

### TO HARMONISE WITH THE RANGE OF COLOURFUL NEW 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.

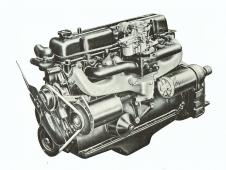
# Vauxhall's new high-spirited six

Bigger, sturdier and more powerful, this new six-cylinder o.h.v. engine develops an outstanding 113 b.h.p. and is rated at 253 b.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 c.u. in.)—a higher compression ratio of 8.1 to 1, plus a bigger caburettor.

Another important quality of the new engine is its remarkable smoothness and flexibility—due in part to Yauxhall's deep-skirt crankcase design, new, larger, rubber-cushioned shear-type engine mounts and larger (9" diameter) clutch.

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.



### HOW VAUXHALL ENGINEERING ADDS TO YOUR MOTORING PLEASURE



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

Velox and Cresta are surprisingly light on fuel. This is due largely to a combination of super-efficient engine design, high gearing and Vauxhall's low wind-cheating lines.



Easier gear changing
Wonderful top gear flexibility means you rarely have to use lower gears. When you do each gear-change is swift and silent—even if you need to change right down into "first". There's



Stability on any curve
Vauxhall's "leech-like" road-holding is the

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 wheelbase. No corner, no pothole disturbs Vauxhall's level ride.



### Improved stopping power

Braking areas have been increased to nearly 14 sq. inches to match the Sixes' increased power Front brake drums are now 10" in diameter. Thi means that Yauxhall braking, which has alway been outstanding, is now better than ever.



### 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.

### 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 gernhard surface also has far greater resistance to chipping, cracking and staining. Magic-Mirror puts extra value into your Vaushall 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 Australiawide genuine parts supply — a supply which ensures the ready availability of any Yauxhall part no matter where you drive throughout Australia. All parts are manufactured under strict quality control and are economically priced. 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 Yauxhall; 'Air Chief' guarantees you the finest standards of car enjoyment with good looks that blend perfectly with Yauxhall's interior design. 'Air Chief' also offers the ease and safely 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, esact overs, rear wheel covers, can heater, windshield sunshade, wheel trim rings, and many others. Arrange with your dealer to have your choice of approved NASCO accessories titted before you take delivery.

ENGINE:
Six-cylinder, square-type engine. Pushrodoperated 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, 3¼ inches; stroke, 3¼ 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; nigh-pressure lubrication system; camshaft driven fuel pumps.
Deep-skirt block webbed for extra rigidity.
COOLING SYSTEM:

ENGINE:

COOLING SYSTEM:
Pressurised system operating at 3½ to 4½ 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. I carburettor with automatic choke. capacity, 10.8 gallons. Downdraught ke. Fuel tank

### TRANSMISSION:

TRANSMISSION:
Clutch: Hydraulically controlled; 9 in. single dry
plate. Gearbox: Three forward speeds, one reverse. Synchromesh 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. Drive line: Single,
open propeller shaft, needle roller bearing universal joints. Rear Axle: Semi-floating, spiral
hypoid final drive. Individually matched crown
wheel and pinion. Axle ratio, 3.9:1. 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 (2¼ ins. wide) shackled at rear end. Spring eyes and shackles fitted with rubber bushes. Double-acting hyd-raulic 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:

SPECIFICATIONS

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

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. Two-speed electric windshield wipers.

### BODY AND INTERIOR:

BODY AND INTERIOR:
Four door, four window designs. Solid top, singlepiece 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:

INTERIOR:
Single piece front seat, backward adjustment by lever. Up and down movement adjusted by metal shims. Full-width rear seat. Seats fitted with "2" 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.

in panel, one in back of front seat.

SPECIAL EQUIPMENT, CRESTA:

The Cresta model is distinguished from the Velox by the following: genuine leather upholstery, white wall tyres, chromed wheel discs, chromed scalp moulding frames and side windows, wind-screen 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. lock on glove box.

Specifications and equipment subject to change without notice.

# GENERAL MOTORS-HOLDEN'S LTD.

Brisbane, Sydney, Melbourne, Adelaide, Perth