



HSV

I just want one.

hsv.com.au

Holden Special Vehicles, 125 Rayhur Street, Clayton, VIC 3168 Australia.

A.B.N. 84 006 802 053

GRANGE
SENATOR
Signature

LS3

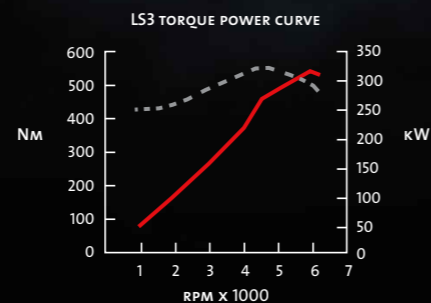
HSV



ENGINE POWER IN MOTION

The all new LS3 6.2 litre Generation 4 V8 engine takes performance to a new level. Power has increased to an incredible 317kW @ 6000rpm with torque climbing to 550Nm @ 4600rpm. World-class HSV technology employs an intelligent engine control system to extract the maximum brute engine power and torque every 6.25 milliseconds. Tubular 4 into 2 into 1 extractors and an HSV exclusive limited slip final drive ratio of 3.7 (manual) or 3.27 (auto) help deliver the power straight to the road.

You're in total control all the way with the 6-speed sequential auto transmission with active select. One turn of the key and you'll be champing at the bitumen.



MAGNETIC RIDE CONTROL INTELLIGENT SUSPENSION

Imagine a vehicle that literally smoothed out the road and flattened corners, offering advanced levels of driving comfort then, at the touch of a button, transformed its handling dynamics to that of a highly tuned, race-bred Supercar. Now HSV brings you the best of both worlds.

Magnetic Ride Control (MRC), an innovation introduced to Australia by HSV, is a semi-active electronic suspension and delivers an incredibly smooth, precise driving experience.

At the heart of MRC is a central controlling unit that updates each damper piston every 100th of a second to the slightest change in road condition or driving style. When required, MRC will activate continuously variable damping, via front and rear sensors, to maximise tyre-to-road contact and provide safer, more responsive handling in all conditions. A switchable ride control enables either Luxury or Performance modes in the Senator Signature and WM Grange. The finely tuned Performance mode offers a sharper response with reduced body roll, while the elegantly calibrated Luxury mode smoothes any journey with incredibly quiet precision.

It's the elements MRC reduces – body roll, pitching and bumps – that ensure your driving experience is unlike any other.

All at the touch of a button.



WM Grange MRC button shown.



BRAKES BIGGER IS BETTER

There's a feeling of total confidence knowing that the biggest, most advanced braking system HSV has ever engineered, can at the slightest touch perfectly control such a powerful beast. Monstrous front and rear brakes have been specifically designed to optimise stopping power and reduce braking distance. In dry conditions, a mere 36 metres is all the distance required to stop from a speed of 100km/h. Front brakes boast 365mm x 32mm ventilated and grooved discs, with aggressive sports-styled 4 piston calipers in silver with black HSV logo. Wide rear tyres combine with a bigger rear brake – 350mm x 26mm ventilated and grooved discs and 4 piston rear calipers. Advanced brake pad material and rotor designs are engineered to evenly distribute force to each brake, providing a safe, responsive feel.





SENATOR
Signature

Perfection in motion



WITH THE POWER AND REFINEMENT TO SURPASS THE HIGHEST OF EXPECTATIONS, SENATOR SIGNATURE IS PERFECTION IN MOTION. FEATURING ELEGANT NAPPA LEATHER INTERIOR, EUROPEAN-INFLUENCED STYLING, FRONT AND REAR PARK ASSIST AND A PREMIUM ENTERTAINMENT SYSTEM INCLUDING REAR PASSENGER DVD PLAYER, IT SETS THE BENCHMARK IN EXCELLENCE.

VENTS



The unique E Series side venting, with signature 'E' shape, makes a statement. Offered in premium chrome on Senator Signature – it represents the shape of things to come. An integrated turn signal enhances its shape and provides side profile illumination for safer driving in all conditions.

INTERIOR



HSV Luxury seats feature elegant Nappa leather trim, available in Onyx or Urban. Eight way electric adjustment of front seats with three memory settings for driver's seat. Dual zone electronic climate control for driver and front passenger. Intuitive entertainment console/steering wheel menu dials put the power in your hands.

TAIL LIGHTS



European style twin-intercepting LED rings and inbuilt reflex reflectors provide excellent visibility in all driving conditions. Maximum brightness is achieved faster than with incandescent bulbs. In an Australian first, the rear lights also incorporate LED turn indicators adding an extra dimension of rear and side vehicle visibility.



Vehicle shown with body paint option (SSPO) and 20" Pentagon Spoke wheels.



WHEELS



20" Pentagon Spoke.

19" Deep Dish.

19" Deep Dish alloy wheels in Chrome Shadow. Wide rear wheels enhance imposing shape and maximise grip – Front 19" x 8", Rear 19" x 9.5". Optional Pentagon Spoke design available – Front 20" x 8", Rear 20" x 9.5". Reverse mounted technology sets the standard in style and road presence. One-piece casting for increased strength. Exclusively designed and developed Bridgestone tyres 245/40 R19 front, 275/35 R19 rear provide optimum levels of comfort and grip.

STEERING WHEEL

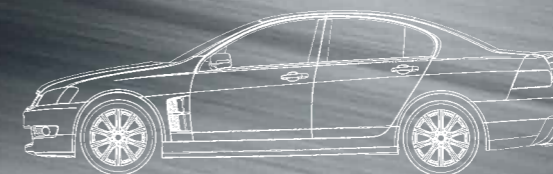


Take control of the road with the leather wrap multi-function steering wheel, featuring illuminated controls for: sound system, trip computer, Bluetooth phone and satellite navigation (where fitted). Multi-function driver display features trip computer and sound system information. Perforated ergonomic grip zones, for precise steering.

CONSOLE



Central entertainment system with premium 6.5" LCD colour screen. Blaupunkt 6 disc CD player with MP3 compatibility. Dynamic 230 watt sound system. Rear seat overhead fold down DVD player. Opulent 11-speaker sound system with sub-woofers, plus integrated rear speakers to immerse you in sound.



4947mm



1899mm



H3SV

H3SV

GRANGE

Luxury in motion

THE HSV WM GRANGE IS THE ULTIMATE LUXURY ITEM. EVERY DETAIL HAS BEEN METICULOUSLY SCRUTINISED TO EXCEED THE HIGHEST OF STANDARDS. REDEFINING THE ESSENCE OF A MODERN LUXURY LIMOUSINE, IT'S YOUR KEY TO THE HIGH LIFE.



INTERIOR



Intelligent entertainment menu with 6.5" LCD colour screen – displays stereo, climate control, DVD and satellite navigation information (where fitted). Bose premium audio system. HSV WM Grange Luxury seats trimmed in premium Nappa leather, available in Onyx or Urban. 10-way electric adjustment of front seats, with 3 memory settings for driver's seat. DVD player with dual rear passenger LCD screens.

LIGHTS



Xenon, self-levelling head lights combine with fog lights to ensure superior night vision and provide greater driver awareness of road conditions. Elegant LED tail lights and streamlined LED side indicators provide excellent visibility in all driving conditions. Maximum brightness is achieved faster than with incandescent bulbs.

SPOILER AND REAR BIB



To seamlessly blend sports-inspired performance with automotive refinement, the rear of the WM Grange features a flush mounted rear lip spoiler. While enhancing the aerodynamics, its subtle, slimline design emphasises an understated motoring sophistication that commands respect during any drive.

BOSE SOUND SYSTEM

Bose premium audio sound system. Features 6 disc in-dash CD player with MP3 compatibility and auxiliary input jack. 10 superior speakers including roof mounted centre speaker and subwoofers ensure audio quality is uncompromised for all occupants. Delivers 220 watts.



DVD

DVD entertainment system with 6.5" LCD colour screen. Dual rear 7" LCD screens, headrest-mounted including 2 infrared headsets for maximum passenger enjoyment. Remote control also included for safety and convenience.



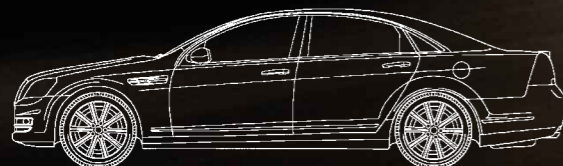
WHEELS

WM Grange 19" Deep Dish alloy wheels in Chrome Shadow. Sophisticated 3-dimensional grooved pillar design. Front 19" x 8", Rear 19" x 9.5". Reverse mounted technology sets the standard in style and road presence. One-piece casting for increased strength. Exclusively designed and developed Bridgestone tyres 245/40 R19 front, 275/35 R19 rear provide optimum levels of comfort and grip. Optional Pentagon Spoke design available – Front 20" x 8", Rear 20" x 9.5".



20" Pentagon Spoke.

19" Deep Dish.



5153mm



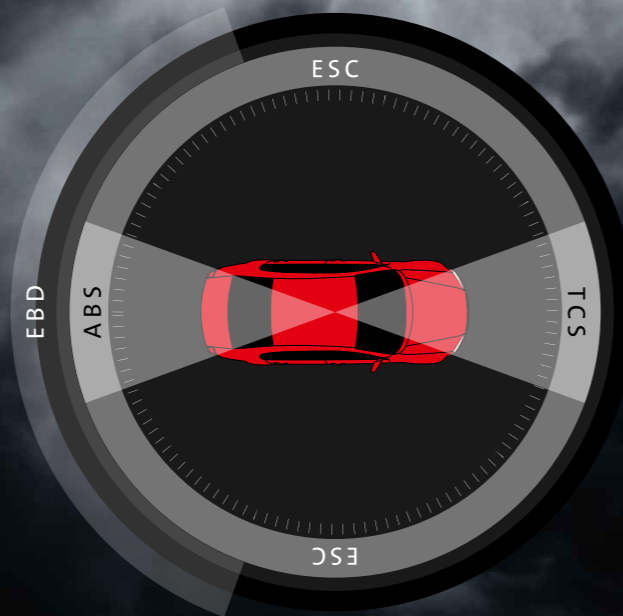
1899mm

SAFETY ADVANCED TECHNOLOGY

While you may not be able to see them, or indeed feel them as you drive, you can rest assured every new Senator Signature and WM Grange vehicle is equipped with advanced multi-layered driver defence systems. Intelligent active and passive safety features combine, to not only help prevent collisions, but to reduce injury should an accident occur.

Active safety systems monitor the vehicle's speed, lateral acceleration, brake force and steering wheel angle an incredible 30 times per second and if regular driving conditions are exceeded, any one of the safety measures will be seamlessly activated to allow the driver to retain command of the vehicle.

Passive safety features include an advanced Adaptive Occupant Restraint System that detects the strength and direction of a collision and activates the following if required. Dual stage driver and front passenger airbags activate in two stages, depending on the severity of the impact, and inflate to 125 litres in just 55 milliseconds. Side impact driver and passenger airbags and side full-length curtain airbags provide excellent protection in side-on collisions. After an airbag deployment, B pillar mounted load limiters loosen seatbelts as required to minimise injury while small pyrotechnic charges anchor seatbelts into the cabin floor to hold the driver and passenger firmly in their seats. In the event of a rear collision, active head restraints tilt forward to minimise the risk of whiplash.



PASSIVE SAFETY FEATURES

- Crash sensors
- 1 Driver's front airbag
- 2 Front passenger's front airbag
- 3 Side airbags
- 4 Curtain airbags
- 5 Front crumple zone
- 6 Passenger safety cell
- 7 Rear crumple zone



ELECTRONIC STABILITY CONTROL (ESC)

Exclusively calibrated by HSV, ESC monitors steering wheel angle and speed to make turning and corners safer. If skidding occurs, ESC activates to apply brake pressure to individual wheels and, if necessary, reduces engine power.

ANTI-LOCK BRAKING SYSTEM (ABS)

Reduces wheel lock under heavy braking situations by momentarily releasing brake pressure at the wheels required. This improves stopping distances on most surfaces, improves braking efficiency and enables better steering in demanding braking conditions.

TRACTION CONTROL SYSTEM (TCS)

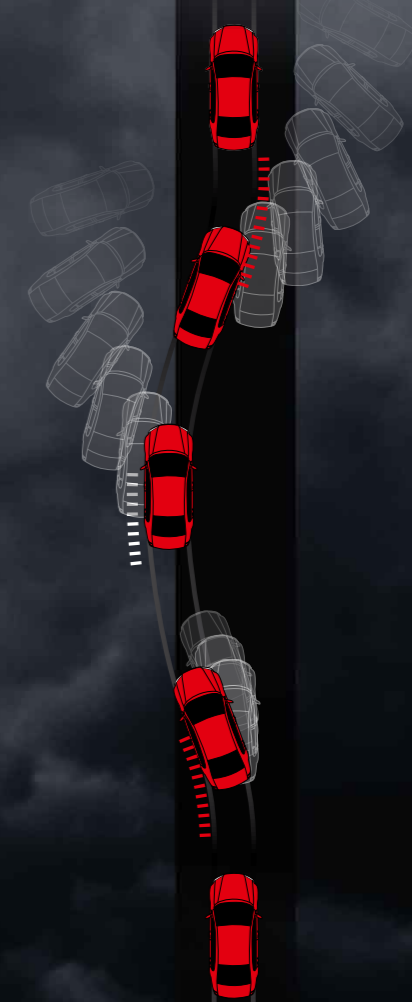
For maximum grip in wet and icy conditions, TCS activates to reduce slippage by adjusting drive and brake force, greatly reducing wheelspin.

ELECTRONIC BRAKE ASSIST (EBA)

In emergency braking situations few people apply the required pressure to the brake pedal. EBA activates to optimise the maximum brake pressure performance.

ELECTRONIC BRAKE FORCE DISTRIBUTION (EBD)

Regulates brake force to ensure a balance in weight between front and rear brakes, and thereby minimise stopping distance.



SECURITY

While passenger safety is paramount, vehicle protection has also been integrated with HSV ingenuity. HSVDNA is standard in both Senator Signature and WM Grange. Developed by DataDots, HSVDNA is a groundbreaking technology the size of a grain of sand and invisible to the naked eye. HSVDNA is applied to various components of the vehicle and each of these tiny grains features the specific VIN (Vehicle Identification Number) of your HSV. At the forefront of vehicle protection, HSV was the first Australian manufacturer to adopt this world-class security system. This unique system enables relevant authorities to identify individual HSVs and their components. HSVDNA cannot be removed without detection, giving you greater peace of mind.



Actual DataDots viewed through magnifier



| SPECIFICATIONS | DESCRIPTION | SENATOR SIGNATURE | WM GRANGE |
|--|---|--|-----------|
| ENGINE | 317kW, 6.2 litre LS3 Generation 4 alloy V8 | • | • |
| | 6.2L, 90 Degree OHV. Cross Flow cylinder heads. Twin knock control sensors. On-board diagnostics | • | • |
| | Central Plenum with individual symmetrical runners | • | • |
| | High energy distributorless ignition. Solid state direct fire ignition, coil near plug with integrated igniter | • | • |
| CAPACITY (CC) | 6162 | • | • |
| COMPRESSION RATIO (:1) | 10.7 | • | • |
| POWER (DIN kW) | 317kW* @ 6000rpm | • | • |
| TORQUE (DIN Nm) | 550Nm* @ 4600rpm | • | • |
| EXHAUST SYSTEM | Stainless steel, high performance quad outlet | • | • |
| RECOMMENDED PETROL OCTANE RATING | 98 RON PULP. Note that using 95 RON (PULP) or lower will not cause any problems, but will result in slightly less engine performance and economy | • | • |
| PETROL TANK CAPACITY (L) | 73 | • | • |
| BRAKES | Front: 365mm ventilated discs. Four piston calipers | • | • |
| | Rear: 350mm ventilated discs. Four piston calipers | • | • |
| TRANSMISSION | 6-speed Automatic Transmission with active select | • | • |
| | Limited Slip Differential with HSV specific ratio | • | • |
| GEAR RATIOS | 6 sp Auto: 1 - 4.03, 2 - 2.36, 3 - 1.53, 4 - 1.15, 5 - 0.85, 6 - 0.67, FINAL DRIVE - 3.27 | • | • |
| CONTROL & HANDLING | Linear Control Suspension | • | • |
| | Luxury Sports Suspension with MRC | • | • |
| WHEELS | Electronic Stability Control (ESC), Anti-lock Braking System (ABS), Electronic Brake force Distribution (EBD), Electronic Brake Assist (EBA), Traction Control System (TCS) | • | • |
| | 19" x 8" front alloy wheel with 245/40 R19 98Y tyre – full size spare | • | • |
| | 19" x 9.5" rear alloy wheel with 275/35 R19 96Y tyre | • | • |
| | 20" x 8" front Pentagon Spoke alloy wheel with 245/35 R20 95Y tyre | o | o |
| | 20" x 9.5" rear Pentagon Spoke alloy wheel with 275/30 R20 97Y tyre | o | o |
| EXTERIOR | Front projector fog lights | • | • |
| | Projector head lights | • | • |
| | Front fog lights | • | • |
| | Xenon head lights | • | • |
| | HSV unique sports rear tail lights | • | • |
| | LED tail lights | • | • |
| | HSV Luxury rear spoiler | • | • |
| | HSV WM Grange rear lip spoiler | • | • |
| | HSV Luxury body design | • | • |
| | HSV WM Grange Luxury body design | • | • |
| | Heated exterior mirrors with 'puddle' lights and position memory | • | • |
| | Quad exhaust outlet | • | • |
| | Metallic Paint | o | o |
| | DRIVER | Steering wheel height and reach adjust | • |
| Leather wrap HSV unique Sports steering wheel | | • | • |
| Multi-function steering wheel, featuring illuminated controls for: sound system, trip computer, Bluetooth phone, satellite navigation (optional) | | • | • |
| Multi-function driver display, featuring: trip computer information, sound system information | | • | • |
| Priority key. Stores settings for: climate control, sound system, trip computer, speed alert, head light and interior lighting time delay options, driver's seat and exterior mirror positions | | • | • |
| Alloy faced pedals | | • | • |

* Figure quoted using 98 RON (PULP)

| SPECIFICATIONS | DESCRIPTION | SENATOR SIGNATURE | WM GRANGE | |
|---|--|-------------------------------|-----------|---|
| | Cruise control | • | • | |
| | Front and rear park assist | • | • | |
| | Power exterior mirrors | • | • | |
| | Passenger side exterior mirror dips when reverse gear selected to show low-level hazards | • | • | |
| | Rain sensing wipers | • | • | |
| | Automatic head light mode. Switches on at twilight or low light (manual override) | • | • | |
| | Head lights auto off feature (variable delay) | • | • | |
| | Trip computer with triple display, including: average speed, odometer/tripmeter/trip time, distance/time to go, average/instantaneous fuel consumption, digital speedometer, tracks two trips simultaneously (eg. short day trip within long interstate trip), fuel used/range, visual and audible speed warning | • | • | |
| | Service reminder. Appears 1,000km before service is due | • | • | |
| | Tyre pressure monitor | • | • | |
| | Tachometer | • | • | |
| | HSV Sports triple centre gauges (voltage, oil temp. and oil pressure) | • | • | |
| | ENTERTAINMENT | Rear seat overhead DVD player | • | • |
| | | Blaupunkt AM/FM stereo | • | • |
| 6 disc in-dash CD player. MP3 compatible | | • | • | |
| Eleven speakers including sub-woofers. 230 watts | | • | • | |
| Speed dependent volume control | | • | • | |
| Bose premium audio system featuring 10 speakers, including sub-woofers. 220 watts | | • | • | |
| SEATING | DVD player with dual LCD screens for two rear passengers. Remote control | • | • | |
| | Wireless headsets for rear passengers, two pairs | • | • | |
| | Multi-mode function to allow headset choice of radio, CD or DVD | • | • | |
| | Rear overhead console remote control of audio and DVD functions | • | • | |
| | HSV Luxury seats with Nappa leather trim (Onyx) | • | • | |
| | HSV Luxury seats with Nappa leather trim (Urban) | o | o | |
| CABIN COMFORT | HSV WM Grange Luxury seats with Nappa leather trim (Onyx) | • | • | |
| | HSV WM Grange Luxury seats with Nappa leather trim (Urban) | o | o | |
| | 8-way electric adjustment on driver and front passenger seats | • | • | |
| | 10-way electric adjustment on driver and front passenger seats | • | • | |
| | Adjustable driver and front passenger seat lumbar support | • | • | |
| | Electric adjustable lumbar for front seats | • | • | |
| | Driver's seat position memory for up to 3 drivers | • | • | |
| | Dual zone electronic climate control: driver and front passenger | • | • | |
| | Tri zone electronic climate control: driver, front passenger and rear | • | • | |
| | 6.5" multi-function display colour LCD screen. Displays stereo, heating and air conditioning information. DVD player and satellite navigation compatible | • | • | |
| | Power windows. Driver and front passenger windows express up and down | • | • | |
| | Electric tilt and slide sunroof | o | o | |
| | Front centre sliding armrest with leather trim. Rear seat centre armrest | • | • | |
| | Vanity mirror, driver and front passenger. Illuminated with cover | • | • | |
| | Sunglasses holder (except where sunroof fitted) | • | • | |
| | Chrome finish interior door handles | • | • | |
| | Passenger overhead assist handles; rear with coat hooks | • | • | |
| | Two front reading lights | • | • | |
| Door entry lights | • | • | | |

| SPECIFICATIONS | DESCRIPTION | SENATOR SIGNATURE | WM GRANGE |
|----------------------------------|---|-------------------|-----------|
| STORAGE AND CARGO | Volume 496L Senator Signature, 535L WM Grange, twin cup holders plus storage in centre console, auxiliary power socket in console, fold down rear seat centre 'ski' hatch for long loads | ● | ● |
| OCCUPANT SAFETY | Dual stage airbags for driver and front passenger | ● | ● |
| | Side impact airbags for driver and front passenger | ● | ● |
| | Side curtain airbags | ● | ● |
| | Front lap/sash seat belts with load limiters and pyrotechnic pre-tensioners | ● | ● |
| | Front seatbelt sash height adjustable | ● | ● |
| | Rear seat child restraint anchor points (3) | ● | ● |
| SECURITY | Active front seat head restraints to help reduce risk of whiplash injury in a collision from behind | ● | ● |
| | Remote control priority key: Operates central locking. Operates interior lighting. Time delay on entry. Automatic illumination when engine turned off. Operates exterior lights, to show location of car at night. Enables/disables alarm system. Unlocks boot. Disables remote boot release button in glove box (when locking) | ● | ● |
| | Horn sounds if either front door is ajar when remote locking | ● | ● |
| | Sound system only operates in original vehicle | ● | ● |
| | Holden Assist Telematics (for Senator, must be fitted by an HSV Dealer) | ○ | ○ |
| Flip Key | ● | ● | |
| ROAD SAFETY | Emergency mode after seat belt pre-tensioners are triggered. On-board computer turns engine and fuel pump off. Unlocks doors. Turns hazard lights and interior light on, if battery power is available | ● | ● |
| SUSPENSION | Front: MacPherson strut direct acting stabiliser bar. Progressive rate coil springs | ● | ● |
| | Rear: Multi-link Independent Rear Suspension (IRS). Progressive rate coil springs. Stabiliser bar | ● | ● |
| STEERING | Variable ratio rack and pinion | ● | ● |
| TRACK (MM) | Front: 1592 Rear: 1590 | ● | ● |
| TURNING CIRCLE (KERB TO KERB, M) | 11.4 | ● | ● |
| WM GRANGE | | | |
| EXTERIOR DIMENSIONS (MM) | Length: 5153 Width (excluding mirrors): 1899 Height: 1475 Ground clearance: 104 Wheel base: 3009 | | |
| INTERIOR DIMENSIONS | Leg: 1071 Shoulder: 1501 Head: 985 Hip: 1439 | | |
| FRONT | 1071 1501 985 1439 | | |
| REAR | 1096 1500 965 1472 | | |
| TOWING | 1600kg | | |
| SENATOR SIGNATURE | | | |
| EXTERIOR DIMENSIONS (MM) | Length: 4947 Width (excluding mirrors): 1899 Height: 1467.5 Ground clearance: 102 Wheel base: 2915 | | |
| INTERIOR DIMENSIONS | Leg: 1071 Shoulder: 1501 Head: 985 Hip: 1439 | | |
| FRONT | 1071 1501 985 1439 | | |
| REAR | 1001 1450 965 1472 | | |
| TOWING | 1600kg | | |
| SERVICE | The first inspection is due at 3,000km or 3 months (whichever occurs first). The first service is due at 15,000km or 12 months (whichever occurs first). Thereafter at every 15,000km or 12 months since the last service (whichever occurs first). Additional services are required under certain driving conditions, such as when towing (refer owners handbook). Holden Dealer "Tech 2" computerised analysis available for engine management system | | |

● Standard ○ Optional

EXTERIOR COLOURS

Colours are used for illustration purposes only.
*Heron and Sting are standard solid colours, all other colours are metallic options.

A word about this catalogue. We have tried to make this catalogue as comprehensive and factual as possible. However, since the time of printing some of the information you'll find here may have been updated. Also, some of the equipment shown or described throughout this catalogue may have been changed and/or is available at extra costs. Further, GM Holden Ltd. and HSV reserve the right to make changes at any time without notice, in prices, colours, materials, equipment and models. Your HSV Dealer has details, and before ordering you should ask them to bring you up to date. No HSV Dealer or other person is authorised or permitted to give or make any statement, assertion or undertaking in relation to the quality, performance characteristics, descriptions or fitness for any purpose of any GM Holden Ltd or HSV product which is at variance with any written statement, assertion or undertaking on any of these subjects given or made by GM Holden Ltd. A.B.N. 84 006 893 232 or General Motors-Holden's Sales Pty Ltd. A.B.N. 80 004 688 831 in its published sales literature, and neither company accepts any liability for such unauthorised action. GM Holden Ltd., General Motors-Holden's Sales Pty. Ltd. and HSV have authorised Dealers in many parts of Australia for the sale of service parts and the provision of service to owners of HSV's products. Every endeavour is made to ensure that such Dealers carry adequate stocks of service parts but neither HSV, GM Holden Ltd. nor General Motors-Holden's Sales Pty Ltd. makes any promise other than that contained in the New Vehicle Warranty given by GM Holden Ltd. and HSV that such parts or service facilities will be available at any specific location or at any particular time. Express warranties offered for GM Holden Ltd and HSV products are subject to the conditions set out in all vehicle handbooks. Details are also available from GM Holden Ltd and HSV on request. Copyright GM Holden Ltd. and Premoso Pty. Ltd. (HSV) A.B.N. 84 006 802 053. Printed April 2008. Part Number 05-HSC-220.