

SPECIFICATIONS	DESCRIPTION
ENGINE	375 kW 7.0 litre LS7 V8 with specific HSV calibration 7.0L, 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)	7008
POWER (DIN kW)	375kW* @ 6500rpm
EXHAUST SYSTEM	Stainless steel, ceramic coated high flow 4 into 1 extractors, high flow catalytic converters and exhaust system (3" into 2 1/4") and high performance quad outlet with bi-modal mufflers.
GEAR RATIOS	1 3.01 2 2.07 3 1.43 4 1 5 0.84 6 0.57 FINAL DRIVE 3.7
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
APPROACH ANGLE	Approach angle: 9.0° Departure angle: 15.1°
VEHICLE DYNAMIC CONTROL (VDC)	Incorporating Electronic Stability Program ESP® Anti-lock Braking System (ABS), Electronic Brake force Distribution (EBD), Electronic Brake Assist (EBA), Traction Control System (TCS)
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
TURNING CIRCLE (KERB TO KERB)	11.4 (M) WHEEL BASE (MM) 2915 TRACK (MM) Front: 1592 Rear: 1590
EXTERIOR DIMENSIONS (MM)	Length: 4974 Width (excluding mirrors): 1899 Height: 1462
INTERIOR DESIGN DIMENSIONS	Leg Shoulder Head Hip
FRONT/REAR (MM)	1071/1001 1501/1450 985/965 1439/1472
KERB WEIGHT	1874kg
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).
* Figure quoted using 98 RON (PULP)	Holden Dealer "Tech 2" computerised analysis available for engine management system.

EXTERIOR COLOURS



NITRATE STING RED PHANTOM HERON WHITE EVOQUE



I just want one.

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Holden Special Vehicles, 125 Raymur Street, Clayton, VIC 3168 Australia

A.B.N. 84 006 802 053

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. 84 006 802 053 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 August 2008. Part Number 05-HSC-294.

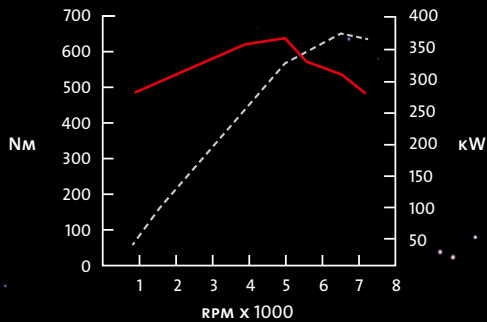


{ THE ALL-NEW LS7 V8 ENGINE }

{ SODIUM FILLED EXHAUST VALVES FOR FASTER HEAT RELEASE }

{ HAND-BUILT LS7 ENGINE DISPLACING 7.0 LITRES (427 CUBIC INCHES) }

{ W427 BUILD PLATE PLUS UNIQUE SIGNATURE PLATE IDENTIFYING THE HAND ASSEMBLER OF THE ENGINE FROM GENERAL MOTORS PERFORMANCE CENTER, USA }



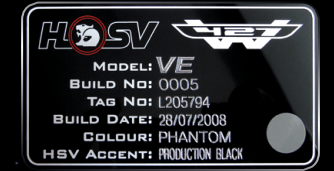
{ LS7 TORQUE POWER CURVE }

375kW @ 6,500rpm. 640Nm @ 5,000rpm, 7,000rpm redline.

{ EXTENSIVE USE OF HIGH-STRENGTH, LOW WEIGHT MATERIALS INCLUDING:

- all-new aluminium block casting
- aluminium cylinder heads with titanium intake valves
- cast aluminium flat-top pistons
- titanium connecting rods.

{ BMC HIGH PERFORMANCE F1 STYLE AIR FILTER }



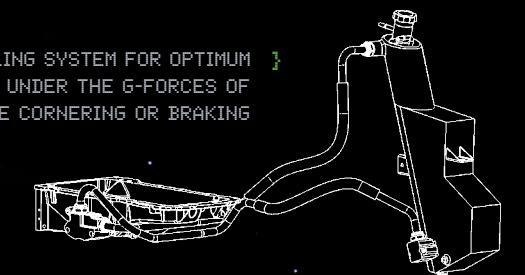
{ NEW CAMSHAFT ROLLERS FOR REDUCED FRICTION }

{ CALIBRATED FOR AUSTRALIA BY HSV }

{ HSV 13 ROW OIL COOLER FOR AUSTRALIAN CLIMATIC CONDITIONS }

{ DRY-SUMP OILING SYSTEM FOR OPTIMUM LUBRICATION UNDER THE G-FORCES OF SEVERE CORNERING OR BRAKING }

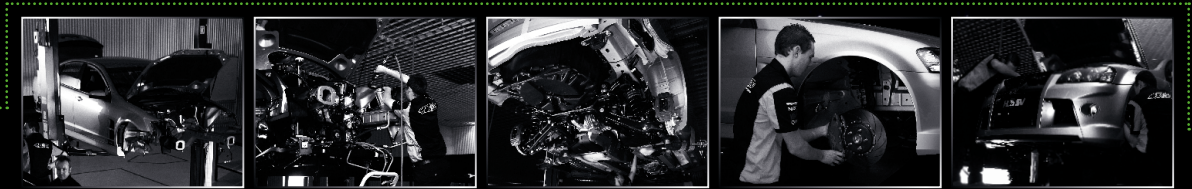
02b DRY SUMP



MISSION ACCOMPLISHED_

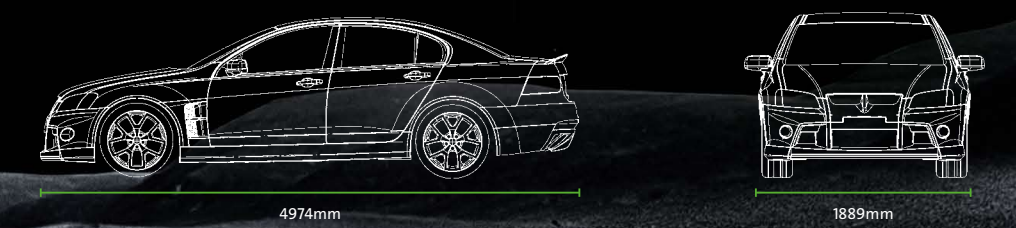
DON'T BLINK. IN JUST A FLASH OF AN EYE, THE W427 BURSTS ONTO THE SCENE AND INTO THE HISTORY BOOKS. THE HISTORICAL 500 HORSEPOWER BARRIER IS NOW TRULY HISTORY, TRANSLATING AS A MASSIVE 375KW AND A BACK-STRAIGHTENING 640NM OF TORQUE. THE HEART OF THIS SUPERCAR IS ALSO THE INSPIRATION FOR ITS NAME; 7.0 LITRES EQUALS 427 CUBIC INCHES. WITH THE 'W' ALL ABOUT THE MAN BEHIND THE CAR - TOM WALKINSHAW_

{ A UNIQUE VEHICLE DEMANDS A SPECIAL BUILD PROCESS, SO YOUR W427 WILL BE HAND ASSEMBLED AT HSV'S PRODUCTION FACILITY IN CLAYTON, VICTORIA. FROM THE AGGRESSIVE FRONT FASCIA TO THE UNIQUE EXHAUST TIPS, YOUR W427 WILL BE METICULOUSLY CRAFTED AND THOROUGHLY CHECKED. THEN RECHECKED. AND AGAIN_



01 CHASSIS 02 ENGINE/DRY SUMP 03 EXHAUST/DIFFERENTIAL 04 MRC/BRAKING SYSTEM 05 BODY STYLING

BRACE FOR IMPACT WITH THE ARRIVAL OF A TRULY WORLD CLASS SUPERCAR - THE W427. POWERED BY THE LEGENDARY LS7 7.0 LITRE ENGINE, IT DELIVERS AN EARTH SHATTERING 375KW AND 640NM OF TORQUE. FEATURING AN EXCLUSIVE ACTIVE EXHAUST FLOW MANAGEMENT SYSTEM, BOLD SUPERCAR STYLING, UNIQUE MACHINE FACED 20" ALLOY WHEELS AND FULLY CALIBRATED MAGNETIC RIDE CONTROL, IT'S SET TO TAKE ON THE WORLD.



BRAKES AND SUSPENSION

New levels of confidence are inspired by massive brakes that required a complete wheel re-design. Six-piston front braking calipers feature 2-piece 380mm strap drive floating rotors and high friction pad material. Four-piston rear calipers with 350mm rotors. Unique HSV calibration of ABS/ESC & TCS for optimal braking and vehicle control. Revised MRC damping calibration & spring rates for a flatter, lower ride and reduced body roll.



MRC

Magnetic Ride Control (MRC) is a switchable, semi-active suspension system that makes up to 1,000 adjustments per second. It also lets the driver choose between 'Performance' and 'Track' modes. 'Track' mode, combined with 20" wheels, rides like a race tuned Supercar.



DRIVETRAIN AND EXHAUST

The HSV 6-speed Tremec TR6060 manual transmission was designed for strength, to handle the massive torque. The all-new LS7 clutch includes a new actuator and pedal assembly. A high strength W427 limited slip differential offers superior durability under the strains of Supercar performance. The 3.70 diff. ratio maximises acceleration across all gears. An active exhaust flow management system incorporates high flow headers, high flow catalytic converters, low restriction intermediate and bi-modal rear mufflers, for extra punch when you need it.



WHEELS

20-inch machine faced alloy wheels in Billet Silver establish a castellated theme. 20" x 8" front alloy wheels with 245/35 R20 95Y tyres. 20" x 9.5" rear alloy wheels with 275/30 R20 97Y tyres. Full size spare wheel and tyre (as per front wheel and tyre).



INTERIOR AND ENTERTAINMENT

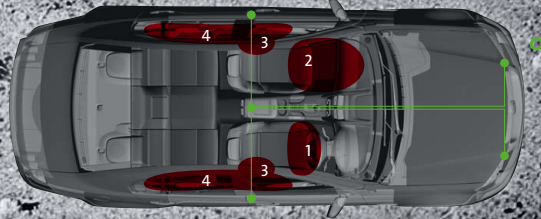
W427 sill plates mark your entry into Performance seats trimmed in Red Hot leather, with W427 logos. Driver and front passenger seats have 8-way electric adjustment. Multi-function steering wheel, gear selector and centre console arm rest trimmed with matching Red Hot leather. A 6.5" multi-function colour LCD screen displays stereo, heating and air conditioning information. Dual zone electronic climate control for driver and front passenger, plus an optional electric tilt and slide sunroof for total control of your environment. Cruise control and rear park assist aid the driver from go to whoa.



230 watt Blaupunkt AM/FM stereo 6 disc in-dash CD player connects to eleven speakers, including subwoofers. MP3 compatible with an auxiliary power socket in the console and the option of a rear seat overhead DVD system.

OCCUPANT SAFETY

A car of these proportions is not just about power. It needed to be among the safest cars HSV has ever put on the road. Six airbags give added reassurance. Front lap/sash seat belts have height adjustable sashes, load limiters and pyrotechnic pre-tensioners. Active front seat head restraints help reduce risk of whiplash injury.



CRASH SENSORS

1. Driver's front airbag 2. Passenger's front airbag 3. Side airbags 4. Curtain airbags

EXTERIOR

Form and function combine, with the large W427 air chute creating a menacing front fascia. Projector headlights and front driving lights sweep all before them. A W427 carbon fibre rear spoiler is true to the racer's DNA. Unique W427 exhaust tips continue the castellated theme, introduced by former Wheels Young Designer of the Year, Adam Dean Smith. The theme extends to W427 badging, that will grace no more than 427 of these modern day Walkinshaws.

