



# Holden

## **MY17 COMMODORE LIMITED EDITIONS**

### **MotorSport Edition – 1,200 units**

#### **Baseline: SSV Redline**

##### Additional content

- MR suspension, developed for the Motorsport vehicles, offers three distinct settings (Tour, Sport and Performance)
- High rate rear sub-frame bush. Improved confidence under maximum lateral and braking events
- Cross drilled Rotors front and rear
- Engine and Transmission Cooling packages. Meets GM level 3 track performance for Powertrain Cooling
- Black Roof
- Unique Front sports seats (heated)
- Lightweight Forged 20" Split wheels

#### **High Rate Subframe Bush**

##### Technical:

##### Revised rear cradle bushing with:

- constant radial rate (vs different cross car to for-aft rate),
- significant increase in both radial (50% rear, 180% front) and vertical (100% front & rear) rates,
- increased vertical snubber rate of engagement (improved vertical control).

##### Impact:

Unique rear suspension bushing that significantly improve rear suspension location control resulting in improved confidence under maximum lateral and braking events.

#### **Engine and transmission coolers**

The Powertrain Cooling requirements for the Motorsport pack turn the standard Redline into a GM Level 3 Track capable vehicle for Powertrain Cooling requirements.



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## **Director – 360 units**

### **Baseline: Calais V**

#### Additional content

- MR suspension, developed for the Director vehicles, offers three distinct settings (Tour, Sport and Performance)
- Shift Paddles
- Black roof
- Cross drilled Rotors front and rear
- Engine and Transmission Cooling packages. Meets GM level 3 track performance for Powertrain Cooling
- Unique Front sports seats
- Lightweight Forged 20" Split wheels

### **Magnetic Ride Control™**

#### **Motorsport Edition & Director**

##### Technical:

Third generation Magnetic Ride Control™ suspension system, consisting of 4 suspension position sensors, unique MRC dampers with magnetorheological fluid and controller with 3 selectable modes (Tour, Sports & Performance). Refer to attached files for more technical details.

##### Impact:

The first Holden badged application of the third generation Magnetic Ride Control™ system uses suspension position sensors on each corner of the vehicle to read and reacts to road conditions, adjusting each damper every 10-15 milliseconds. By changing the magnetic field inside each damper, the patented suspension fluid's viscosity is adjusted virtually instantly. The result is a system that outperforms conventional variable damping systems, but without the complex electro-mechanical valves used in those systems. Compared to other, valve-based technologies, Magnetic Ride Control™ achieves a much broader damping force range and responds much more rapidly.

The new MRC tune, developed exclusively for the Motorsport and Director vehicles, offers three distinct settings (Tour, Sport and Performance) that each provide unique performance capabilities. By developing a tune in house Holden has not only been able to replicate the acclaimed ride and handling balance of our FE2/FE3 tunes but also, by virtue of the broad range of MRC damper adjustability, extend the vehicles capability beyond that of our passive damper vehicles. The result is distinctly a



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performance Commodore, but with more ride comfort and superior handling to any that have come before.

## **Magnum – 240 units**

### **Baseline: SSV Redline Ute**

#### Additional content

- Sedan tune FE3 rear suspension tune biased towards improved ride and handling
- Cross drilled Rotors front and rear
- Engine and Transmission Cooling packages. Meets GM level 3 track performance for Powertrain Cooling
- Hard Tonneau cover
- Unique Front sports seats
- Lightweight forged 20" Split wheels

### **FE3 Magnum Suspension Tune**

#### Technical:

- Revised springs with a 26% reduction in rate (75N/mm -> 55N/mm),
- 10mm shorter rear dampers to maintain jounce travel, tuned to match spring rate,
- 15mm lower rear trim height.
- Reduction in payload (620-540kg),

#### Impact:

Reduced payload has enabled a new rear suspension tune biased towards improved ride and handling. Revised springs with a 26% reduction in rate and retuned rear result in a 15mm lower rear trim height, lower COG, reduced rake and lower rear roll centre. This combines to allow the Magnum ute to settle quicker and have improved drive out of corners when compared to the existing FE3 ute tune.

## **Across all special edition packs**

### **Cross Drilled Rotors**

#### **Advantages/Features**

Reduced un-sprung mass (front axle) – 3.25kg saving per car thanks to the 2-piece design with aluminium hat.

The 'Floating-Disc' style of the 2-Piece front rotor allows for more consistent (shorter) brake pedal travel with reduced brake pad knockback from cornering.

Cross-holes (cross-drilling) allow for venting of gases that build up between the brake lining and rotor surface from the high temperatures generated during heavy duty braking. This will help reduce the friction drop caused by these gases and result in less brake fade.



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## Updated Sports Seats

Feature content is the same as Calais V.

- Driver and Passenger 8 way electrically adjustable seats.
- Heated cushion and back.
- Unique Trim with Chrome Detailing.

## MRC Table

Driver Mode	Torque Vectoring	MRC	EPS	Bi Modal Exhaust
Touring	Off	Touring	Sport	Touring
Sport	Off	Sport	Sport	Sport
Performance	On	Performance / Track	Competitive	Sport

Press  twice quickly to set Track Driver Mode.

Driver Mode	TCS	ESC	Launch Control	Torque Vectoring	MRC	EPS	Pedal Mode	Bi Modal Exhaust
Track	Competitive	Competitive	On	On	Performance / Track	Competitive	Track	Sport

## Pricing - RRP

MY17 Motorsport Edition MT \$61,790

MY17 Motorsport Edition AT \$63,990

MY17 Director AT \$63,990

MY17 Magnum MT \$59,290

MY17 Magnum AT \$61,490