



**November 2012**

## **PRODUCT INFORMATION**

### **2013 Holden Colorado 7**

#### **Fast facts:**

- Full-size 7-seater 4x4 SUV; shares new-generation Colorado light truck platform
- Heavy duty SUV capability
- Robust body-on-frame architecture, 5-link rear suspension
- 3-tonne towing capacity
- Two trim levels – LT and LTZ
- 2.8L Duramax turbo diesel engine, 6-speed auto transmission with active select standard both models
- Bold, expressive exterior styling; spacious, flexible interior
- 5-star ANCAP safety rating
- Rear view camera, rear parking sensors
- ABS with EBD, TCS, ESC, front driver and passenger airbags, full length curtain airbags extend to third row
- Descent Control System, Hill Start Assist, Limited Slip Differential
- Shift-on-the-fly 4WD
- Two-speed electronically actuated part-time transfer case
- Adaptable cargo capacity up to 1830 litres – up to 30 practical storage options
- Bluetooth® connectivity
- MP3 compatible sound system; USB input with iPod® connectivity, two power outlets

## Technical Data Overview

| <b>2.8L Turbo Diesel Engine</b> |                                           |
|---------------------------------|-------------------------------------------|
| Engine type                     | 4-cylinder, 16-valve DOHC diesel engine   |
| Capacity (cc)                   | 2776                                      |
| Compression ratio               | 16:1                                      |
| Maximum power (kW)              | 132 @ 3800rpm                             |
| Maximum torque (Nm)             | 470 @ 2000rpm                             |
| Valves per cylinder             | 4                                         |
| Bore x stroke                   | 94 x 100                                  |
| Fuel management system          | Turbocharged direct common rail injection |
| Emissions                       | Euro IV                                   |
| Transmission ratios             | 6-speed automatic                         |
| 1st                             | 4.06                                      |
| 2nd                             | 2.37                                      |
| 3rd                             | 1.55                                      |
| 4th                             | 1.15                                      |
| 5th                             | 0.85                                      |
| 6th                             | 0.67                                      |
| Reverse                         | 3.19                                      |
| Final drive ratios              | 3.42                                      |
| Fuel tank capacity (L)          | 76                                        |

### **2.8 L Duramax Turbo Diesel**

Equipped with a high-pressure common-rail fuel-injection system and pneumatic and position-feedback-controlled variable geometry turbocharger (VGT) with intercooler.

#### **DOHC cylinder head design**

Increases air flow and optimises air/fuel mixture for enhanced and efficient burn in the combustion chamber, resulting in improved durability, enhanced performance, low emissions and reduced diesel particulates.

#### **Toothed-belt camshaft drive**

Enables accurate engine timing and improves durability. The drive features a hydraulic tensioner to ensure optimal tension in all driving conditions. It contributes to improved valve timing accuracy, a maintenance-free design and improved N&V character.

#### **Deep-skirt engine block**

Provides a stiff block structure resulting in improved mitigation of NVH.

#### **High pressure common rail fuel injection system**

Delivers precise injection control and consistent optimal fuel burn. Contributes to fuel economy, reduced emissions and reduced NVH characteristics.

#### **Pneumatic and position-feedback-controlled turbocharger with intercooler**

Enables improved driveability, fuel economy, lower emissions. Vanes within the VGT are continuously varied for optimal airflow control.

### **Piston-cooling oil jets**

Spray an extra layer of oil on the underside of each piston and surrounding cylinder wall, helping to reduce piston temperature and extending maintenance intervals.

### **Lightweight cylinder head**

Diecast aluminium cylinder head reduces mass, contributes to fuel efficiency and superior NVH characteristics.

### **Electronically actuated part-time transfer case**

- Actuated via a rotary switch positioned in the centre console
- Two-wheel High: two-wheel drive mode in which drive/torque is generated at rear wheels only
- Four-wheel High: four-wheel drive mode generates drive/torque at all four wheels
- Four-wheel Low: four-wheel drive mode that incorporates a 2.62:1 ratio
- Neutral: position with no drive/torque supplied to the wheels; allows vehicle to be towed

### **Six-speed automatic transmission**

Uses clutch-to-clutch operation and an advanced integrated 32-bit transmission controller to deliver smooth and precise shifts. It includes:

- A wide overall ratio spread with a steep first gear to help deliver strong launch acceleration
- Tall overdrive top-gear ratios that decrease engine rpm to enhance fuel economy and reduce noise when cruising
- Performance Algorithm Liftfoot allows the electronic transmission controller to override the automatic gear selection during closed throttle, high lateral acceleration manoeuvres
- Active Select allows the driver to sequentially shift gears manually via the gearshift lever
- Shift calibration specifically tuned for Colorado 7. Torque converter characteristics match the traits and high-torque output of the 2.8L Turbo Diesel engine

### **Fuel Economy and CO<sub>2</sub> Emissions**

LT and LTZ: 9.4 litres/100km (ADR 81/02)

CO<sub>2</sub> Emissions (g/km)

LT & LTZ automatic: 252

| <b>Chassis</b>   |                                                                                                                            |
|------------------|----------------------------------------------------------------------------------------------------------------------------|
| Front suspension | Independent double wishbone, coil spring                                                                                   |
| Rear suspension  | Five-link live axle                                                                                                        |
| Steering         | Power-assisted rack and pinion                                                                                             |
| Brakes (mm)      | Front disc: 300 diameter; Rear disc: 318 diameter                                                                          |
| 4x4 system       | Electronic shift-on-the-fly; 2-speed transfer case                                                                         |
| Wheels and tyres | LT: 16" x 6.5" alloys; 245/70R16 111S tyres<br>LTZ: 18" x 7.5" alloys; 265/60R18 110T tyres<br>16" steel spare both models |

## **Body Structure**

- The foundation for Colorado 7's on- and off-road capabilities is its robust body-on-frame architecture
- Frame rails utilise a fully boxed, welded construction to ensure stiffness, stability and strength from front to rear
- Nine cross-members include an additional rear cross-member for extra torsional stiffness
- Welded-in-place steel reinforcements contribute to torsional stiffness in virtually all load and driving situations
- Elastomeric body mounts located under the cab are tuned for high vertical and lateral stiffness, improving vehicle ride and steering feel
- The fully boxed configuration underpins frontal strength and stiffness, allowing true steering characteristics, enhanced front suspension tuning and a robust engine cradle and mounting system for reduced engine/drive system noise and vibration

## **Exterior features**

- High-mounted halogen reflector (LT) and projector (LTZ) headlamps emphasise visual strength.
- Powerful surface shaping accentuates powerful SUV body-to-chassis and vehicle-to-road relationships
- Outboard fog lamps and integrated roof racks contribute to stylish good looks
- Dramatic 'powerdome' hood advertises Colorado 7 performance strengths
- Contemporary dual-port grille features mesh insert detailing, chrome surrounds, large colour bar, prominent Holden lion emblem
- Chrome power fold mirrors, door handles, fog lamp surrounds and window detailing (LTZ)
- Black bodyside rocker mouldings protect front and rear doors

- Integrated side steps aid entry and exit, guard against damage from surface debris
- Distinctive upper glass canopy wraps around rear corners
- LED tail lamps (LTZ)

### **Interior features**

Colorado 7 is a true seven-seater, combining stylish, car-like cabin characteristics with the boldness expected of a capable SUV. Features include:

- Sculpted dual cockpit design with flowing upper surfaces that seamlessly integrate with door panels
- A more upright instrument panel which brings the muscle and sophistication of the exterior to the interior
- Integrated centre stack features flush-mounted HVAC controls with ice blue illumination
- Dynamic, dual-gauge instrument cluster with an LCD display
- Smart seat trims in woven fabric (LT) or leather (LTZ)
- Rear air conditioning controls located in headliner; include four vents for the second- and third-row seats
- Leather-wrapped steering wheel with audio and phone controls

### **Seating and cargo-carrying flexibility**

- Intuitive fold and tumble (second row) and third row fold versatility.
- Third row 50/50 split seats can be placed in the fold-flat position by pulling the easy-access strap from the rear
- Cargo load floor from the front row rearward when the second- and third-row seats are folded provides generous load capability
- Spring-loaded retractable cover provides covered storage behind the second row

### **Storage solutions include:**

- Instrument panel upper glove box
- Instrument panel lower glove box
- Instrument panel cup holders
- Instrument panel upper centre box
- Front console storage and cup holders
- Roof console sunglasses holder
- Front door map pockets and bottle holders
- Rear-door map pockets and bottle holders
- Second and third row cup holders
- Front seatback pockets

## **Safety systems**

- Electronic Stability Control (ESC) incorporating:
  - Anti-lock Braking System (ABS)
  - Electronic Brakeforce Distribution (EBD)
  - Traction Control System (TCS)
- Hydraulic Brake Assist
- Front airbags; internal tethers optimise inflated shape
- Full length curtain airbags
- Rear park assist
- Rear camera
- Height-adjustable upper mounts for front outer seat belts ·
- Three child restraint top tether strap anchorages for rear seat (second row)
- ISOFIX 'plug in' child restraint anchorages\* (3 in second row, all seating positions; maximum 2 if installed simultaneously)
- Height-adjustable head restraints
- Anti-submarining front seat cushions
- Childproof rear door locks
- Collapsible steering column
- Side impact protection beams, all doors

\* Australian Standards approval to fit ISOFIX restraints expected 2<sup>nd</sup> quarter 2013

## **Selected Accessories**

- Bonnet protector
- Steel bull bar
- Driving lamp package – rectangular
- Headlamp protectors
- Nudge bar – polished alloy
- Slimline weathershields
- Roof cross bars
- Roof spoiler
- Snorkel kit
- Chrome 50mm tow ball
- Tow bar kit
- Trailer harness
- Wheel lock nuts
- Anti-zap jumper leads
- Carpet floor mats
- Rubber floor mats
- First aid kit
- Safety triangle package
- Seat covers
- Cargo net
- Rigid cargo barrier

## **Capped Price Servicing**

- Capped Price Servicing covers the first four standard scheduled log book services for the first three years or 60,000 km, whichever comes first. The maximum price per scheduled service is \$295, including GST.
- Complimentary inspection at 3000km or 3 months, whichever occur first. Then Capped Price Servicing is provided at 15,000 km or 9 months, whichever occurs first; then every 15,000 km or 9 months.

## **Place of Manufacture**

- Rayong, Thailand