



Holden
Let's go there

Trailblazer
August 2016

PRODUCT INFORMATION

OVERVIEW

Holden Trailblazer Line-up and Features

LT highlights:

- 2.8L Duramax diesel engine
- 6-speed automatic transmission
- 17" alloy wheels with full size spare
- New MyLink infotainment system:
 - 7" colour touchscreen
 - Apple CarPlay & Android Auto Phone Projection
 - Digital Audio Radio (DAB+)
 - USB input with iPod® connectivity
 - Steering wheel mounted controls
 - 6 speaker audio
- Electric Power Steering (EPS)
- Air Conditioning (including 4 x Cooling Rear Vents)
- Rear ventilation duct (console lower) – heat and cool
- Cruise control
- Rear park assist with Reverse Camera
- LED Daytime Running Lamps (DRLs)
- Front fog lamps
- Auto On and Off Halogen Reflector Headlamps
- Helical Limited Slip Differential (LSD)
- 7 Airbags (Driver, Pass., Fr. Seats, Curtain, Driver Knee)
- Five-link live axle rear suspension
- Front and rear disc brakes
- Electronic Stability Control (ESC) System
- Hill Start Assist (HSA) & Trailer Sway Control (TSC)
- Hill Descent Control (HDC)
- Front passenger sunglasses holder & dual reading lamps
- Power adjustable exterior mirrors
- Power windows (driver & all passenger express up/down)
- Remote window operation (via keyfob)
- 2 x 12V power outlets in front centre dash
- 2 x 12V power outlets in rear (rear console lower and boot)

LTZ highlights over LT:

- 18" alloy wheels with full size spare (machined face)
- New MyLink infotainment system:
 - 8" colour touchscreen
 - Embedded Satellite Navigation
 - 7 Speaker premium audio
- Remote vehicle start via keyfob
- Leather appointed seat trim with heated front seats
- Front park assist
- Electronic Climate Control
- Forward Collision Alert (FCA)
- Lane Departure Warning (LDW)
- Side Blind Zone Alert (SBZA)
- Rear Cross Traffic Alert (RCTA)
- Tyre Pressure Monitoring System (TPMS)
- LED tail lights
- Heated and power folding exterior mirrors
- Electrochromatic (light sensitive) rear view mirror
- Rain sensing windscreen wipers
- Luxury console armrest with Dark Ash grey stitching
- 6-way adjustable electric drivers seat
- Body coloured exterior door handles with chrome strip
- Chrome surround grille with inner chrome fins
- Chrome exterior mirror scalps
- Chrome gear selector
- Chrome body side beltline moulding

TECHNICAL DATA OVERVIEW

ENGINE

Engine	2.8L Duramax Turbo Diesel
Engine type	4-cylinder
Capacity (cc)	2776
Compression ratio	16.5:1
Maximum power (kW)	147 @ 3600rpm
Maximum torque (Nm)	500 @ 2000-2200rpm automatic
No. of valves per cylinder	4
Bore x stroke	94 x 100
Fuel management system	Turbocharged direct common rail injection
Transmission ratios	6-speed automatic
1 st	4.06
2 nd	2.37
3 rd	1.55
4 th	1.16
5 th	0.85
6 th	0.67
Reverse	3.20
Final drive ratios	3.42
Fuel tank capacity (L)	76

Weights (kg)	LT	LTZ
Carrying Capacity	626	617
Gross Combined Mass	5700	
Kerb Weight	2194	2203

Towing (kg)	
Braked	3000
Unbraked	750

CHASSIS

Front:	Independent double wishbone, coil spring front suspension
Rear:	Five-link live axle rear suspension
Steering type:	Rack-and-pinion with rack-mounted electric power assist
Turning circle, curb-to-curb (m):	12 m

BRAKES

Type:	Front and rear disc brakes
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Rotor diameter (mm):	front: 300 rear: 318
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WHEELS AND TYRES

Wheel size and type:	LT: 17 inch aluminium LTZ: 18 inch aluminium
Tire size and type:	LT: 255/65R17 LTZ: 265/60R18

DIMENSIONS

Key Exterior Dimensions (mm)						
	Body width	Height	Length	Wheelbase	Front Overhang	Rear Overhang
LT	1902	1840	4887	2845	957	1085
LTZ		1846				

Key Exterior Dimensions (mm)					
	Approach Angle	Departure Angle	Ramp Over	Ground Clearance	Wading Depth
LT	27.6	25.3	22.1	213	600
LTZ	28.4	25.6	22.5	218	

Interior Dimensions (mm)			
	Headroom	Shoulder room	Legroom
Front Row	1009	1488	1045
Second Row	981	1453	879
Third Row	929	1340	815

Cargo Volume (L)		
	Up to belt-line	Up to roof
All rear seats folded	1043	1830
3 rd row folded	554	878
All seats up	205	235

FUEL CONSUMPTION

Fuel Economy and CO₂ Emissions				
Models		Fuel Economy (ADR 81/02)		CO ₂ Emissions
		4x4		
LT	AT	8.6		228
LTZ	AT	8.6		228

SAFETY

Passive safety features:

- 5-Star ANCAP Rating
- Engineered to achieve the highest possible safety rating
- 7 Airbags Standard
- Driver & Passenger Front, Curtain, Seat and Drivers Knee Airbag
- Front Passenger Presence Detection
- Driver, Passenger AND Rear (second row) Seatbelt Reminders
- Front Seatbelt Pre-Tensioners
- 2nd & 3rd Row 3-Point Retractors
- 2 x ISOFIX Child Seat Attachment Points
- 3 x Child Restraint Anchors
- Automatic Locking (Ratchet) 2nd Row Seatbelts

Active safety features:

- Rear Park Assist with Reversing Camera
- Auto On & Off Headlamps
- Electronic Stability Control (ESC) incorporating: Anti-lock Braking (ABS), Electronic Brakeforce Distribution (EBD) & Roll Over Mitigation (ROM)
- Traction Control System (TCS), Hill Start Assist (HSA), Trailer Sway Control (TSC), Hill Descent Control (HDC)

LT Specific:

- Front Park Assist
- Forward Collision Alert (FCA)
- Lane Departure Warning (LDW)
- Tyre Pressure Monitoring
- Side Blind Zone Alert
- Rear Cross Traffic Alert
- Rain Sensing Wipers

CONNECTIVITY AND INFOTAINMENT

Trailblazer offers class-leading connectivity delivered through the next generation of Holden's award-winning MyLink infotainment system.

An 8-inch colour touch screen on the LTZ with mobile phone projection via *Apple CarPlay*® and *Android Auto* is available across the Trailblazer range. Features within the system are accessed through a simple and intuitive icon-based user interface or by *Siri Eyes Free* and *Smartphone Voice Recognition Pass-Through*, offering drivers seamless connectivity and use of a wide range of in-car apps.

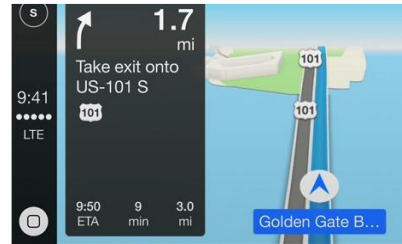
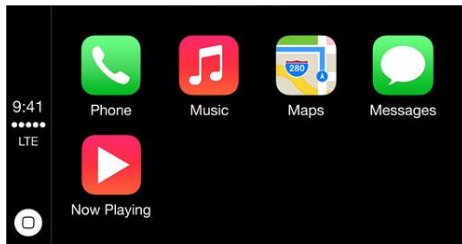
Navigation is available via *Apple CarPlay*® and *Android Auto*.

Apple CarPlay®

Key features of CarPlay include:

- Maps - the power and simplicity of Apple Maps come to your dashboard — complete with turn-by-turn directions, traffic conditions, and estimated travel time.

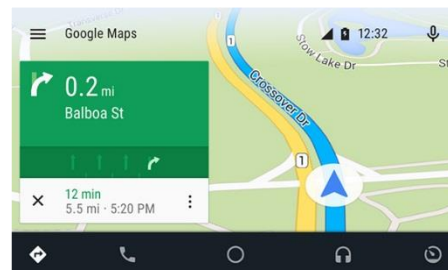
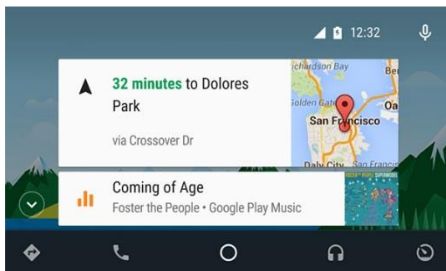
- Messages - Siri can send, read, and reply to your text messages for you, so you never have to look at your iPhone while driving.
- Phone - Make calls, return missed calls, and listen to voicemail.
- 3rd Party Apps - CarPlay® will also support additional audio apps that you've downloaded to your iPhone for enjoying podcasts, music, and radio e.g. Spotify, Pandora.



Android Auto

Key features of Auto include:

- Home Screen - Android Auto automatically brings you useful information, and organizes it into simple cards that appear when needed.
- Maps – Google Maps offers free voice-guided navigation, live traffic information, lane guidance, and more.
- Voice – Google speech technology allows drivers to send, read, and reply to text messages, make calls, return missed calls, and listen to voicemail.
- Music – drivers are able to access their Google Play Music folders via Android Auto and Trailblazer's infotainment system.
- 3rd Party Apps - Android Auto will also support additional apps that support music, radio, messaging and more.



ENGINEERING

Suspension changes include -

- Upgraded Chassis Damper Technology
- Revised body mount strategy (shear mounts)

This results in improved ride isolation, rolling comfort, body motion and roll control.

Electric Power Steering

- Faster steering rack ratio
- Less turns lock-to-lock
- A steering calibration co-developed between Holden and Brazilian Engineers

The Trailblazer has a more precise steering feel, improving driver confidence. It feels nimble and more car like to drive. EPS allows for variable steering efforts - lighter when parking and weights up for a more secure feel at higher speeds.

Tyres

New Tyres are fitted across the range with a new compound and revised tread pattern. This improves wet weather performance and ride comfort. They are also a fuel economy enabler (low rolling resistance).

Brakes

A larger brake booster and master cylinder have been introduced to provide better brake pedal feel.

Wind Noise Package

A wind noise improvement package has been fitted to the new Trailblazer. It is a combination of plant robustness fixes, part redesign and new parts. This includes front side glass thickness increased from 3.5mm to 4.0mm and additional or enhanced exterior seals, mouldings and foams. The audible wind noise is improved within the cabin.

2.8 L Duramax 2 Diesel Engine

The new Trailblazer's engine is certified to Euro 5 and it has a Diesel Particulate Filter.

Improvements to refinement are in the areas of airborne diesel engine noise, fuel system noise, structure-borne noise and vibration and mid-range RPM harshness. This is achieved by the inclusion of:

- Engine Acoustic Pack
 - New metallic 1 piece timing cover (previously 2 piece plastic)
 - New injector insulator
 - New oil pan insulator
- Twin balance shaft relocation

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 and contribute to fuel efficiency.

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. Active Select allows the driver to sequentially shift gears manually via the gearshift lever.

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
- Shift calibration specifically tuned for Trailblazer. Torque converter characteristics match the traits and high-torque output of the 2.8L Turbo Diesel engine

The Trailblazer is now fitted with a Centrifugal Pendulum Absorber (CPA) Torque Converter, it has an absorbing damper with a set of secondary spring masses. In its unique design, the spring masses vibrate in the opposite direction of the torsional vibrations of the engine, balancing out undesirable torsional vibrations. The added benefit to using the CPA is that a revised transmission calibration can be used. This improves driveability, including responsiveness, and also results in a fuel economy improvement.

Towing Capacity

The Trailblazer's towing braked towing capacity is 3000kg, the unbraked capacity is the legal maximum of 750kg.

TOWING AND GROSS COMBINED MASS (GCM)

The GCM is a maximum total mass for vehicle, payload and braked trailer combined. The maximum towing capacity may require the vehicle payload to be reduced to ensure the GCM limit for the vehicle is not exceeded.

- Maximum GCM is 5,700kg

FRONT AND REAR AXLE LOADS

Front and rear axle load limits ensure axles have sufficient strength to carry the total weight of the vehicle's body and mechanicals – along with cargo and passengers – and still retain a considerable capacity safety margin to cope with weight transfer as the vehicle brakes, accelerates, rolls in corners and goes over bumps.

- Maximum allowable front axle load is 1450kg
- Maximum allowable rear axle load is 1600kg

DESIGN

Colours

- Summit White
- Absolute Red
- Mineral Black*
- Nitrate Silver*
- Satin Steel Grey*
- Blue Mountain*

* *Prestige paint – additional cost*

Accessories

Exterior

18" Black alloy wheel (MY17 Colorado Z71 style)
All Terrain Tyres - Goodyear Wrangler - 265/60R18
Bonnet protector - smoked
Bull Bar - Safari Style
Bull bar – steel (all black)
Bull Bar - steel powder coated silver with bright uprights (Nullarbor bar)
Driving lamp package – Halogen
Driving lamp package – HID
Driving lamp package – LED Light Bar
Fuel Filter Housing Shield
Headlamp protectors
Nudge bar – polished alloy or black finish
Off road vehicle recovery kit
Rigid Cargo Barrier
Roof racks
Roof mounted ski carrier
Roof spoiler - primed
Snorkel kit
Tie-down – strap kit
Tow bar kit
Trailer harness
Underbody Protection System (3 stage steel bash plates)
Weathershields – slimline/full size
Wheel lock nuts

Interior

Anti-zap jumper leads
Carpet floor mats
Cup Holder
All-weather floor mats
First aid kit
Safety triangle package
Seat covers – canvas and neoprene
Sheepskin seat inserts – bucket
Smartshades

PLACE OF MANUFACTURE

Vehicles are manufactured at General Motors' Rayong manufacturing facility in Thailand.