



Service Bulletin

Bulletin No.: 23-NA-136

Date: August, 2023

INFORMATION

Subject: 2024 Chevrolet Blazer EV New Model Features

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Blazer EV	2024	2024	-	-	All	All

Involved Region or Country	
----------------------------	--

Overview



6404837



6404838

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Important: Available features, trim levels, and equipment content may differ in Canada. Consult the vehicle's window label or the GM Canada Vehicle Order Guide.

The 2024 Blazer EV sets a new tone for electric SUVs, with options and intuitive technologies that help position Chevrolet for leadership in one of the fastest-growing EV segments. It is based on GM's innovative Ultium Platform, with athletic styling that elevates the heralded design established in 2018 by the gas-powered Blazer and performance cues inspired by the Camaro and Corvette.

Additional Blazer EV highlights include:

- Full LED exterior lighting, with animated choreography on RS and SS models
- A beautiful, spacious and sustainably crafted cabin that incorporates soft-touch materials and a 17.7-inch diagonal customizable infotainment display
- Advanced driver assistance technologies, such as standard Reverse Automatic Braking, that are intended to inspire confidence

The Blazer EV's innovative, dynamic and athletic styling is infused with Chevrolet's performance DNA to create an expressive design unlike anything else in the segment.

Blazer EV is offered in three models — LT, RS and SS — that share a muscular, athletic profile enabled by the Ultium Platform. Taut, converging body lines convey motion and prominent front-fender extractor vents are a nod to Chevy's motorsports legacy. However, the models each take on their own distinct character.

The LT features a monochromatic appearance and standard 19-inch wheels, while the RS strikes a sportier presence with a Black grille, Gloss Black accents and standard 21-inch wheels. The SS serves up the most aggressive aesthetic, with a unique front grille, standard 22-inch wheels, a two-tone color scheme featuring a Black roof and A-pillars, and more.



6404839

Designers elevated the Blazer EV's presence further on the RS and SS with a bold, dual-element LED exterior lighting signature, which has choreographed lighting sequences that activate when the driver approaches or walks away. The effect features a full light bar and illuminated Bowtie emblem on the front. These elements are incorporated into the lighting sequences.

Lighting cues at the front and rear of the vehicle will also pulse during charging, giving customers an at-a-glance indication of how much energy is stored within Blazer EV's battery. Tracer animations play until the charging is complete, remaining solid for every 10-percent increment of charge the battery has stored within.

Inside, a refined cabin makes a modern design statement. Like the exterior, many of its elements draw inspiration from Chevrolet's sports cars and performance heritage, such as a flat-bottom steering wheel for the RS and SS trims and sculpted vents inspired by turbines.

An expansive, 17.7-inch diagonal color display is the focal point of the cabin and the command center for the vehicle's infotainment system and additional features.

A large, 11-inch diagonal color Driver Information Center in the instrument cluster complements the center touchscreen.

Technology

The Blazer EV offers Chevrolet's latest charging, infotainment and driver assistance technologies. These features work together to offer customers greater convenience, comfort and confidence when it comes to making the transition to an all-electric vehicle.

It all starts when the driver enters the Blazer EV — there's no button to push to start the vehicle. With hands-free start, they simply close the door, press the brake pedal, put the vehicle into Drive or Reverse, and their Blazer EV is ready to go. The key fob authorizes the hands-free start system.

Other technology highlights include:

- Automated charge port door: Charging Blazer EV begins with a gentle press of the charge port door, which automatically opens to reveal a welcoming halo of light around the charge ports
- myChevrolet Mobile App: Together with the infotainment system and in-vehicle apps, the myChevrolet Mobile App will give Blazer EV customers seamless control over important vehicle features — anytime, anywhere. It can help them map their route based on their vehicle's available range and chosen Points of Interest.
- Regen On Demand: This driver-controlled feature converts some of the kinetic energy of the vehicle's forward momentum into electricity and transfers it back to the battery for future use. It can be used in tandem with One-Pedal Driving for maximum energy recovery
- Available presence-based power liftgate: For convenience, the tailgate can open hands-free when the key fob is recognized by the sensors at the rear of the vehicle
- Available Super Cruise (Late availability) : The industry's first truly hands-free driver assistance technology, Super Cruise is available on 400,000 miles (over 640,000 km) of compatible roads in the United States and Canada

The Blazer EV also offers Chevrolet's latest driver assistance technologies, including standard Reverse Automatic Braking and available Enhanced Automatic Parking Assist. They complement the standard Chevy Safety Assist suite of technologies, which includes Automatic Emergency Braking, Forward Collision Alert, Front Pedestrian Braking, Following Distance Indicator, Lane Keep Assist with Lane Departure Warning and IntelliBeam automatic high beam control.

A major enabler of the Blazer EV's technologies is Ultifi, GM's new end-to-end vehicle software platform. It separates the vehicle's software from the hardware to enable the frequent and seamless delivery of software-defined features, apps and services to customers over the air.

Performance

The Blazer EV channels the power of the Ultium Platform, which is the foundation of GM's EV strategy and the driver of the company's vision for a zero-emissions future. The all-new body architecture supports the multiple range options and the three available drive systems: , e -all-wheel drive and rear-wheel drive and Performance AWD

The SS takes all the Blazer EV's performance capabilities to their zenith, with unique features designed to help maximize the Ultium Platform's capabilities.

When it comes to charging performance, the Blazer EV delivers with an 11.5-kW onboard AC charging module for home and public charging, along with high-speed DC fast charging capability of up to 190 kW.

Owners also have access to Ultium Charge 360, GM's holistic approach to EV charging that is designed to simplify the overall charging experience. It offers access to more than 110,000 publicly available charging points in the United States and Canada.

Trim Levels

2LT

Dialed-up features and functionality are paired with exceptional design in this extremely capable, all-electric SUV.

- EPA -estimated range of 279 EPA Estimated miles (449 km)EDIT on a full charge
- Standard eAWD
- Available advanced safety features
- Standard 17.7 inch infotainment screen and 11 inch DIC

RS

Head-turning, street-inspired design, packaged with the fantastic versatility of an all-electric SUV.

- GM-estimated range of 320 miles (515 km) on a full charge with available RWD
- Standard eAWD and available RWD
- 21-inch wheels
- Black-painted grille panel and lower fascia

SS

Amazingly fast and the ultimate expression of design, inside and out, that warrants the iconic SS badge.

- GM-estimated range of 290 miles (465 km) on a full charge
- Standard performance AWD
- GM-estimated 0-to-60 mph (0-96 km/h) in less than 4 seconds, enabled by Wide Open Watts performance mode
- 22-inch, multi-finish wheels
- Standard Super Cruise hands- free driver assistance technology

Blazer EV PPV



6404840

In addition to the "civilian" models of the new Blazer EV, Chevrolet will offer a specially developed PPV model. It is the first pursuit-rated, all-electric Chevrolet in more than 60 years of tailoring vehicles for the rigors of law enforcement duty.

Blazer EV PPV will be based off the Blazer EV SS retail model. It will be offered with specific police content, including skid plates, police-rated tires, steel wheels and additional emergency equipment support. The vehicle will also have light-duty towing capability for items like radar trailers and can haul bicycle racks when equipped with a dealer-installed Class 1 trailer hitch.



6404841

Inside, police-specific front seats are designed to accommodate duty belts and wearable gear for greater comfort on patrol. Standard unprogrammed steering wheel buttons will allow upfitters to connect

Push-to-Talk functionality for department radios and fingertip operation of emergency warning equipment. A driver spot lamp is also available.

Platform on which it's engineered. AWD, RS and SS models also will receive distinct badging to further differentiate their uniqueness and powerful, sporty aesthetic.

Power Charge Port Door



6404845

Charging Blazer EV begins with a gentle press of the charge port door, which automatically opens to reveal a welcoming halo of light around the charge ports. This will ensure seamless use during low-light charging scenarios. If the customer does not close the door when charging is complete, it will automatically close itself when the vehicle is placed in gear.

Electrified Badging



6404844

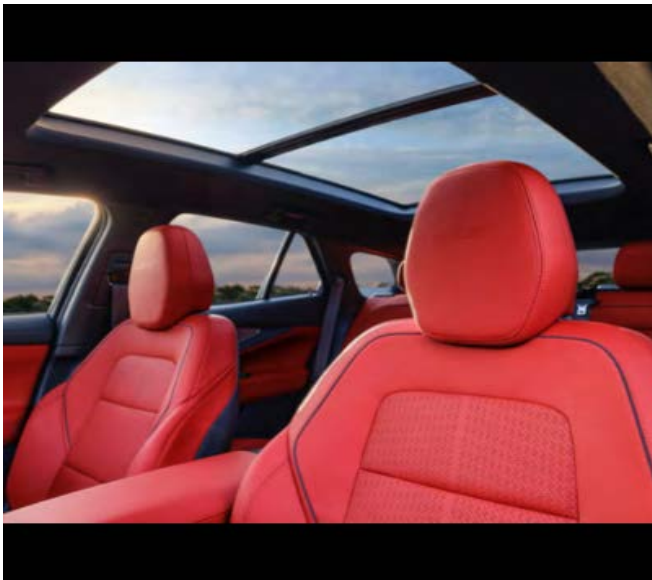
A new interpretation of the "Blazer" nameplate badge replaces the "E" with three blue bars. This signifies the vehicle as something special and nods to the Ultium

Interior Design



6404846

- Every drive will be thrilling behind the wheel of Blazer EV. Its performance-inspired interior blends sport appeal with comfort and unexpected touches to create an environment that advances the on-road experience
- With the all-new Ultium Platform, Blazer EV designers were free to rethink the interior space to offer customers more functionality, ample storage space and added comfort
- Two vibrant screens — an 11-inch diagonal Driver Information Center and a 17.7-inch diagonal free-form infotainment display — are the centerpiece of the Blazer EV interior. Together, they create a seamless flow of information to the driver that combines the functionality of vehicle gauges and a centerstack display
- Each trim will have its own persona that allows the customer to choose one uniquely suited to their taste. Adrenaline-enhancing color themes, illuminated décor and unique embellishments help create distinct personalities



6404847

Blazer EV will offer a dual-pane power panoramic sunroof that gives the vehicle an open-air feel. A panel stretches the length of the front and back row, so everyone has a view of the sky above. However, only the front panel retracts or vents. The rear is a fixed glass panel. A powered sunshade easily opens or closes, when needed, to help block light and keep the cabin cool.

Propulsion



6404842

- Blazer EV channels the power of the Ultium Platform, which is the foundation of GM's electric vehicle strategy and the driver of the company's vision for a zero-emissions future
- Multiple range options — including an available GM-estimated range of up to 320 miles (515 km) on a full charge — and available rear- and all-wheel-drive configurations offer customers

unprecedented choice and a seamless EV experience designed to complement virtually every lifestyle

- The SS model offers customers the most powerful experience in the Blazer EV lineup. It features an exclusive performance AWD propulsion configuration that, with a unique WOW (Wide Open Watts) mode enabled, will offer up to 557 horsepower and up to 648 lb.-ft. of torque, with an estimated 0-to-60-mph (0-96 km/h) time of less than 4 seconds
- Blazer EV's Ultium Drive system offerings deliver an exemplary drive that is sporty, responsive and agile
- Blazer EV offers Regen On Demand technology and improves on the One-Pedal Driving experience of the 2023 Chevrolet Bolt EV and Bolt EUV to give customers more control over their electric journeys

Blazer EV is built from the ground up on GM's proprietary Ultium Platform. The all-new electric vehicle architecture offers a combination of batteries and motors that are interchangeable, along with different drive configurations that give customers the type of drive experience and range that's right for their needs.

The vehicle's battery and body were designed at the same time. This allowed the space to accommodate a battery that can go long range and enabled a structure that can protect it and occupants while also offering a stable foundation for great ride and handling.

Blazer EV's Ultium battery modules are horizontally configured along the vehicle underbody, forming a central element of the vehicle structure. The battery pack underbody allows for nearly 50/50 weight distribution of the vehicle and a lower center of gravity, which together allow for precise handling and a sensation of hugging the road.

Because Blazer EV was built from the ground up using the Ultium Platform, its battery pack was designed as an integral part of the vehicle structure to create a safer, higher-performing vehicle.

The horizontal arrangement of the modules within the pack facilitates Blazer EV's low-slung, aggressive SUV profile and sporty performance attributes. It also allows for a flatter cabin floor, which adds to usable interior space for customers.

The battery system also features Ultium energy recovery, an innovative heat cycling system that uses thermal energy from the vehicle's battery to heat the vehicle interior, increasing efficiency.

WOW (Wide Open Watts)

On the SS trim, Blazer EV will feature the ability for drivers to unleash the full power of its Ultium Drive system with WOW (Wide Open Watts) mode. When engaged, Blazer EV SS will offer up to 557 horsepower and up to 648 lb.-ft. of torque, with an estimated 0-to-60-mph (0-96 km/h) time of less than 4 seconds.

Charging

- Multiple range options — including an available GM-estimated range of up to 320 miles (515 km) on a full charge — give customers confidence that their Blazer EV can take them the distance
- Blazer EV owners can take advantage of Ultium Charge 360, a holistic charging approach that integrates products and services, charging networks and Chevrolet vehicle apps to simplify the overall charging experience
- At home, Blazer EV is capable of Level 2 AC (alternating current) charging up to 11.5 kW, which adds up to 29 miles (46.6 km) of range per charging hour back to the vehicle's Ultium Battery
- A standard Dual Level Charge Cord lets owners use a standard 3-prong power outlet for Level 1 (120 volts) charging or a 4-prong power outlet for faster Level 2 (240 volts) charging. This offers them flexibility, depending on the charging capabilities of their location
- Blazer EV also offers standard high-speed DC (direct current) fast charging capability that lets drivers add up to a GM-estimated 74 miles (119 km) of range in just 10 minutes when charging at a public station
- Customers benefit from Ultium Energy Recovery. Blazer EV's innovative heat pump thermal system, which maximizes every watt possible to boost cold-weather range and supply warm air to the cabin within a minute of them starting their charged vehicle in normal conditions
- The Blazer EV charging process is an easy, intuitive experience, with innovations like a powered-opening charge port door and energy-monitoring technologies that put customers in control of their vehicle's energy

Charging Blazer EV will be an easy experience for customers, with three levels of charging available to them. The first, Level 1 at home, uses a standard 120-volt outlet. Blazer EV will also be capable of Level 2 AC charging up to 11.5 kW, as well as high-powered, public DC fast charging, which is the quickest way for drivers to charge when on the go.

Comfort and Convenience

- Whether it's a night out with friends or a weekend camping trip, the Chevrolet Blazer EV accommodates, with comfortable seating for up to five people or up to 59.2 cu. ft. of maximum cargo space when the rear seats are folded
- The in-vehicle ambiance starts from the moment customers open the door. They're greeted with an incredibly tech-focused interior designed around large, interactive display screens that keep occupants informed and connected

- A new seating architecture offers a more refined level of comfort compared to the gas-powered Blazer. The seats are wider without sacrificing rear-seat knee room or interior spaciousness
- Engineered with convenient features, such as a hands-free start system, the Blazer EV enhances the everyday drive and makes it comfortable for both those behind the wheel and passengers
- The Blazer EV is an excellent road companion, especially when customers need to bring a lot along for the ride. Smart storage solutions are incorporated throughout the vehicle and an available presence-based power liftgate makes loading and unloading cargo more convenient
- The suite of climate control features will be familiar to customers but offers enhancements, including Ultium energy recovery, that give them added comfort capabilities
- The Blazer EV cabin has been crafted for quietness, with acoustic materials incorporated throughout to help shield customers from unwanted or unfamiliar sounds

In colder temperatures, Blazer EV can help customers combat frozen fingertips that can come from clearing ice and snow that collects on wipers. A heated wiper park is designed to conveniently melt accumulated ice and snow at the bottom of the windshield — an area traditionally not warmed by climate vents. Available on RS models, the feature helps prevent wiper blades from freezing to the windshield and eliminates the need for customers to clear them.

For convenience, the Blazer EV tailgate can open hands-free when the key fob is recognized by sensors at the rear of the vehicle. The feature is designed with inclusivity at the center, as any person — regardless of ability level — no longer needs to kick to access their liftgate hands-free.

The Blazer EV drive units are conveniently controlled using a column-mounted version of the Electronic Precision Shift system. It shifts gears electronically rather than using a traditional shifter with a mechanical connection. The vehicle must be on to use this feature.

Available wireless phone charging will let customers charge their smartphones on the go, without connecting any cables. There's no clutter or cords. The wireless charging pad in Blazer EV will be in front of the center console storage. The Ultium Platform's energy recovery system provides cooling for the charging mat, helping to optimize the charge rate.

It is important for drivers to keep their eyes on the road, and an available Head-Up Display (HUD) helps them do just that. It projects important vehicle information directly onto the windshield, telling drivers what they need to know quickly and efficiently. Display messages include speed, audio, phone, navigation and driver assistance features. HUD is standard on RS and SS models.

Version	1
Modified	Released August 15, 2023

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, **DO NOT** assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



WE SUPPORT VOLUNTARY
TECHNICIAN
CERTIFICATION