

REPAIR

# IN SIGHTS

WINTER 2026

*Collision Repair News  
From Your Parts Supplier*

Breath of  
Fresh Air

GM Business™  
MasterCard®

Getting Things  
Straight

THE NEW 2027 CHEVROLET BOLT

# Back and Bolder



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REPAIR

IN  
SIGHTS

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## Loyalty program recognizes and rewards parts purchases

**T**he my GM Partner Perks parts loyalty program is designed to help businesses thrive. Whether you run an independent service center or body shop, you'll gain access to exclusive benefits – from technical training and marketing support to rewards that recognize your patronage.

Members earn reward points on purchases of GM Genuine Parts and ACDelco Maintenance and Repair parts. Depending on your program level – Perks, Perks+ or Pro Perks++ – you'll receive a percentage of purchases (up to 4 percent!) back in points. There are also quarterly bonus reward points that can be earned.

### Why Join?

**Effortless Rewards:**  
Points are tracked automatically and deposited monthly.

**Flexible Redemption:**  
Redeem points for merchandise, gift cards, travel and event tickets – or toward a filtered GM Partner Perks Exclusively Yours Prepaid Mastercard®<sup>2</sup> or new GM vehicle.

**Business Boost:**  
Enjoy national marketing support, training resources, and tools to increase profitability and productivity.



### Getting Started

For First-Time Enrollment:

**Go to [mygmpartnerperks.com](https://mygmpartnerperks.com)**  
– click Create Account and follow the steps to establish a password.

**With your account credentials,**  
log in to the site to provide pertinent information about your business, including the sellers from whom you purchase parts.

**Choose your program package**  
based on your purchase volume.

**Once enrolled:**

Review monthly emails for your points balance and special promotions. You can explore the ever-changing rewards catalog and create a wish list for big-ticket items.

*Scan this QR code*  
to find out how to become a my GM Partner Perks member.



### Redeeming Points Is Simple

- 1** Visit [mygmpartnerperks.com](https://mygmpartnerperks.com).
- 2** Go to “My Wallet” and click the shopping cart icon to browse the catalog.
- 3** Choose from thousands of options – electronics, sporting goods, travel and more.

### Real Stories, Real Impact

Participants have used points to treat employees or trainers to a special meal, or send gift cards to improve a customer's day if they've been through a difficult situation with their vehicle – proving perks can brighten any day. ■



**Did You Know?**

Gift cards are the No. 1 choice overall for my GM Partner Perks points redemption. Apple AirPods with noise cancellation are the most popular merchandise item.



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**On Point(s)**  
With  
my GM  
**partnerperks**

# Taking Care of Business

New Cardmembers of the GM Business™ Mastercard® can earn 100,000 GM Business Card Bonus Points to redeem on services, parts, accessories, and even new vehicles at GM dealers.



**A**pply for and then spend \$5,000 on the no annual fee<sup>1</sup> GM Business Mastercard in the first 5 months of account opening to earn the 100,000 Bonus Points.<sup>2</sup>

Then, use these Bonus Points to help reduce the cost of owning or buying GM vehicles for your business. Business Card Points may be redeemed toward eligible GM accessories,<sup>3</sup> parts,<sup>3</sup> service,<sup>4</sup> or the purchase of an eligible new GM vehicle, all at your local GM dealer.<sup>5</sup>

## The GM Business Mastercard

allows Cardmembers to earn

**7x**

Points for every \$1 spent on eligible GM purchases<sup>2,6</sup>

The GM Business Mastercard has no annual fee,<sup>1</sup> and Cardmembers earn an unlimited 7x Points for every \$1 spent on eligible GM purchases when they use their GM Business Mastercard.<sup>2,6</sup> They also earn 3x Points on all other purchases made on the card, including those purchases that move their business forward, such as office supplies, gas, travel and more.<sup>2</sup>

Also, the GM Business Mastercard helps you navigate the road ahead with special financing. Enjoy an Introductory 0% APR on Qualifying GM Purchases greater than \$499 for 9 months when you use your GM Business Mastercard within the first 30 days of account opening. After that, a variable APR will apply; 22.49% to 32.49% based on creditworthiness.<sup>1</sup>

Business owners also can add up to 74 employee authorized users with established spending limits – giving them peace of mind and more earning potential.

The GM Business Mastercard provides fraud liability protection, with Cardmembers not responsible for any charges they don't authorize. ■

Scan the QR code to learn more about the GM Business Mastercard, including how to apply.



1) Offer subject to credit approval. This offer is available through this advertisement and may not be accessible elsewhere. Other offers may be available. For complete pricing and other details, please see the Terms and Conditions where you apply.

Annual Fee is \$0.0% introductory APR on all Qualifying GM Purchases made within 30 days of account opening is applicable for 9 billing cycles from the transaction date. 0% promotional APR on all Qualifying GM Purchases made after 30 days of account opening is applicable for 6 billing cycles from the transaction date. These introductory and promotional APR offers do not apply to other purchases, balance transfers, and cash advances. For new purchases and balance transfers and for outstanding purchases after the introductory and promotional periods, the variable APR is 22.49% to 32.49%, depending upon our review of your application, your credit history at account opening, and other factors. The variable APR for cash advances is 33.49%. The APRs on your account will vary with the market based on the Prime Rate and are subject to change. The minimum monthly interest charge will be \$1.00. Balance transfer fee: 5% (min. \$5). Cash advance and fee: 5% (min. \$10). Foreign transaction fee: 3%. This information is accurate as of 11/28/2025 and is subject to change after this date. See Terms and Conditions where you apply for updated and more information about the terms of this offer, including the current Prime Rate information.

Qualifying GM Purchases means all GM purchases greater than \$499 made with this credit card account on new or certified pre-owned vehicles or customer-paid Certified Service at a GM Dealership, GM Genuine and ACDelco parts purchased at a GM Dealership or online through GM websites, GM Accessories purchased at a GM Dealership or online through GM websites, SiriusXM transactions, GM Energy purchases, General Motors Company Store purchases, General Motors Insurance purchases and OnStar transactions as determined by the merchant identification number(s) provided by GM.

2) Conditions and limitations apply. Please refer to the **Introductory Bonus Offer** section of the Terms and Conditions, where you apply for more information about the introductory offer. Please refer to the **Reward Rules** within the Terms and Conditions, where you apply for additional information about the rewards program.

GM Business Card Points are not GM Rewards Program points and are not eligible for redemption through the GM Rewards Program.

3) Cardmembers may redeem on Chevrolet, Buick, GMC and Cadillac parts and accessories purchased at a GM dealership. Points may not be redeemed toward tax, shipping costs, or wholesale purchases.

4) Must be a paid service or parts. Points may not be redeemed toward tax and shipping costs.

5) May not be compatible with other offers. Dealer contribution may affect final consumer cost.

6) Eligible GM purchases do not include GM Genuine Parts, ACDelco parts, or GM Accessories purchased through wholesale channels or at wholesale prices.

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# AIR QUALITY CONTROL

## N95-grade cabin air filter helps keep contaminants at bay

A customer's driving experience often can be compromised by something that they can't even see, feel or hear.

The intrusion of some contaminants can downgrade the air quality in a vehicle interior.

ACDelco has a new solution for a variety of vehicles (GM or otherwise) ranging from model year 1997 through 2025 – a line of ACDelco Gold N95 cabin air filters that offers a high level of antibacterial

and antiviral protection. In fact, testing shows the products filter out 99 percent of dirt, pollen and allergens entering the vehicle.

The dual-layered N95 filter also helps stall the growth of bacteria and features electrostatic material to better prevent smaller particles from entering the cabin. As a result, 95 percent of bacteria and viruses – some as small as .03 microns – are captured. In addition, the filter is designed to improve airflow and HVAC performance.

All ACDelco Gold N95 cabin air filters are covered by a 24-month/unlimited-mile limited warranty.\*

\*Effective on parts purchased January 1, 2021, and later to the original retail purchaser. Contact seller for limited warranty part details, qualifications and possible labor coverage.



### How Small Is a Micron?

When talking about airborne particles, and the ability of the ACDelco Gold N95 cabin air filters to stop them from entering a vehicle, it can be difficult to visualize exactly how small they are, as they are measured in microns.

To help explain, a micron is one-millionth of a meter, thus beyond the scope of the human eye. The chart above illustrates just how small this measurement is and how important it is to have a filter that can capture these contaminants. ■



Scan the QR code to learn more about this new line of cabin air filters.



Filters out  
**99%**  
of dirt, pollen,  
allergens and  
dust

Captures  
**95%**  
of airborne  
bacteria and  
viruses

# The 2027 Chevrolet Bolt is back with renewed energy

# CHARGED UP



► 2027 Chevrolet Bolt LT. Preproduction model shown throughout. Actual production models may vary. Available early 2026.

**T**he Chevrolet Bolt returns for the 2027 model year, shedding EV from the name but delivering a familiar silhouette powered by cutting-edge electric technology.

Making its initial impression as a versatile and practical EV, the Bolt developed a loyal customer base that helped drive its comeback as a limited production model. It now boasts a new electrical architecture and a number of innovative features, including a new battery, but still presents itself as an affordable option to those seeking an alternative power source.

## Drive Time

The Bolt's X76 drive unit, shared across multiple GM platforms, was designed from the ground up to maximize driving range and to deliver improved efficiency in cost and energy usage. Segmented magnets in the unit help reduce heat buildup and energy loss, and silicon-carbide inverter materials work to minimize energy loss between the battery and drive unit.

The Bolt features a new lithium-iron-phosphate (LFP) battery, a first for GM's North American vehicles. The Bolt battery now produces 65 kWh of energy while offering more range than the 2023 Bolt EUV. In fact, with a fully charged battery, the Bolt can travel up to a GM-estimated 255 miles.<sup>1</sup>

Continued on next page >

## The 2027 Bolt offers:

- Larger 11.3-inch diagonal infotainment screen for navigation, playlists, entertainment apps and more through Google built-in capability,<sup>2</sup> plus a larger 11-inch diagonal Driver Information Center, when compared with the 2023 Bolt EUV
- Available Super Cruise<sup>®3</sup> hands-free driver assistance technology
- New, sporty RS trim (below)



## More than 20

- standard safety and driver assistance features,<sup>4</sup> including Intersection Collision Mitigation, Reverse Automatic Braking and Intersection Automatic Emergency Braking
- Refined new interior with open console and all-new passenger dash storage
- Available multicolor ambient lighting
- An underfloor storage compartment
- 17-inch aluminum wheels
- Multiple USB-C ports<sup>5</sup> and available wireless phone charging<sup>6</sup>
- Vehicle-to-Home<sup>7</sup> (V2H) capability to provide power to your properly equipped home during a blackout

1. On a full charge. GM-estimated range based on development testing and/or analytical projection consistent with SAE J1634 revision 2017 - MCT and subject to change prior to production. Actual range may vary based on several factors, including temperature, terrain, battery age, loading, and how you use and maintain your vehicle. 2. Google built-in services are subject to limitations and availability may vary by vehicle, infotainment system and location. Select service plan required. Certain Google Actions and functionality may require account linking. User terms and privacy statements apply. Google, Android Auto, Google Play and Google Maps are trademarks of Google LLC. 3. Late availability. Always pay attention while driving and when using Super Cruise. Always use Super Cruise in accordance with local laws. Do not use a hand-held device. Requires active Super Cruise plan or trial. Terms apply. Visit [chevrolet.com/supercruise](https://chevrolet.com/supercruise) for compatible roads and full details. 4. Safety or driver assistance features are no substitute for the driver's responsibility to operate the vehicle in a safe manner. The driver should remain attentive to traffic, surroundings and road conditions at all times.

Visibility, weather, and road conditions may affect feature performance. Read the vehicle's Owner's Manual for more important feature limitations and information. 5. Not compatible with all devices. 6. The system wirelessly charges one compatible mobile device. Some phones have built-in wireless charging technology and others require a special adaptor/back cover. To check for phone or other device compatibility, visit [my.chevrolet.com/learn](https://my.chevrolet.com/learn) or consult your carrier. 7. The GM Energy PowerShift Charger and GM Energy V2H Enablement Kit require an adequately charged and properly equipped GM EV having bidirectional charging capabilities, a properly equipped home and proper grid interconnection. Weather conditions, life of the battery, vehicle variation and usage, and other external factors may impact the duration of power supply. Power supply may be interrupted. It is not recommended that the following devices be powered with the GM Energy PowerShift Charger and V2H Enablement Kit: medical devices.

## Brake for Improvement

The Bolt features a blended regenerative braking system that boosts efficiency by recapturing braking energy – regardless of whether One-Pedal Driving is engaged.<sup>8</sup> Software prioritizes energy recovery to extend range, and the braking system has been tuned for consistent pedal feel across both regenerative and friction braking, marking a key improvement over the previous Bolt.

The 2027 Bolt is Chevrolet's first vehicle to offer a native NACS charging port, increasing driver opportunities to access the ever-expanding public charging network. The 2027 Bolt can use public DC fast charging up to 150 kW, charging more than 2.5 times faster than the previous Bolt. With DC fast charging, drivers can go from 10 to 80 percent battery charge in 26 minutes.<sup>9</sup> ■



► Bolt features a larger 11.3-inch diagonal infotainment screen; a new NACS port offers convenience.



► 2027 Chevrolet Bolt RS



► 2027 Chevrolet Bolt LT

8. Feature may be limited when the battery temperatures are extremely cold or hot or when battery is near full charge. Always use the brake pedal when you need to stop immediately. See Owner's Manual for details. 9. Actual charge times will vary based on battery

starting state of charge, battery condition, output of charger, vehicle settings and battery temperature. See the Owner's Manuals for your vehicle and charger for additional details and limitations.

## Standard Bearer

**The North American Charging System (NACS)** is a set of guidelines and specifications recognized by SAE International (with the J3400 standard) that is designed to unify charging efforts across the continent. It is based on a connector system that can support both AC charging and DC fast charging in one compact, 5-pin plug.

With this, users can do a quick top-up or engage in longer charging sessions.

As part of the NACS transition, there are three new GM charging adapters available at Chevrolet dealerships, through myChevrolet, and on the Chevrolet Accessories site to plug into the previous charging systems of J1772 and CCS1. And because the specifications for the port design have been made available since 2022, manufacturers can make their vehicles compatible with any NACS-compliant station.

For its part, GM plans to have all their EVs transition to the NACS port by the 2027 model year. Both its home chargers – GM PowerUp 2: NACS and GM Energy PowerShift – provide up to 40 miles per hour charged.

STAYING

# WHEEL ALIGNMENT

Proper wheel alignment is essential to ride quality and safety

**T**he importance of correct wheel alignment can't be overstated as it affects vehicle performance, safety, fuel efficiency, steering, tire wear and more.

Customers may notice wheel-alignment issues stemming from a variety of conditions, including lead/pull, steering-wheel angle deviation and irregular/premature tire wear.

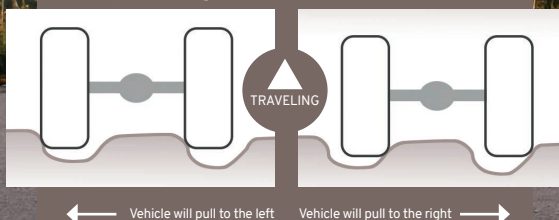
Sometimes, customers may complain about alignment issues that are actually due to normal vehicle operation, such as tire wear patterns (slight feathering or edge wear) or vehicle behavior (tramlining or following the contours of the road; see graphic below). It's important to be able to tell the difference and explain the nuances to customers.

## FIRST THINGS FIRST

Several factors can impact wheel alignment, so begin the process by examining vehicle components for issues, including:

- Wheel and tire damage
- Tire over- or under-inflation and irregular wear
- Excessive play in wheel bearings
- Suspension and steering-part looseness, wear or damage
- A steering wheel with excessive drag or poor return because of stiff or rusted linkage or suspension components
- Vehicle trim height
- Frame angle on targeted vehicles (compensate if necessary)

## TRAMLINING



## Wheel

solutions

When performing a wheel alignment, there are several factors to keep in mind.

- ▶ For one, wheel-alignment equipment must be properly calibrated with level racks and should preferably use image-based camera technology. In 4-wheel alignments, rear-wheel alignment angles should be set first.
- ▶ Before starting the alignment, be sure to verify that the wheel alignment specifications loaded into the shop's machine are up to date by checking GM Service Information (SI). Always use the correct specifications for a vehicle based on confirmed vehicle option content. Incorrect or outdated specs could result in unnecessary adjustments, irregular or premature tire wear, and repeat customer concerns. ■

When ready to align the wheels, follow these 5 steps:

- 1 Install alignment equipment according to manufacturer instructions.
- 2 Jounce the front and rear bumpers three times before checking the wheel alignment.
- 3 Measure the alignment angles and record the readings.
- 4 If necessary, adjust the wheel alignment to vehicle specifications.
- 5 Test-drive the vehicle to ensure a proper repair.

## MORE INFORMATION

Check SI Bulletin #05-03-07-009L for additional details and resources on wheel alignment, including information about related conditions and their possible sources.

# QUIET Time

Bolt kits are designed to help prevent squeaks for Ford Transit owners

The ACDelco Gold product line now offers premium Hub, Rotor and Caliper Bracket Bolt Kits specifically designed for Ford Transit 150, 250, 350 and 350 HD/E models. These kits are suitable for both front and rear applications with single rear

wheels. Engineered to help prevent squeaks and performance issues caused by improperly fitting parts, they work to provide a smooth and reliable driving experience.

Each kit includes single-use bolts that are direct replacements for the original bolts used in specific Ford Transit and E-Transit vehicles from 2015 to 2024. These bolts are carefully designed and tested to fit the original brake systems, with an eye to help restore the vehicle's braking performance to like-new condition. This meticulous attention to detail also helps maintain safety and reliability while driving.

The front bolt kit (part number 18K84537) and the rear bolt kit (part number 18K84538) include all necessary components, including axle-hub mounting bolts, rotor mounting bolts, caliper mounting bolts and O-ring seals. Each component is specified with precise dimensions and thread types that match the original equipment, designed to help ensure compatibility and ease of installation. ■



## Advanced LEARNING

New courses give a detailed look at diagnosing engine misfire

In an effort to help technicians keep up with the latest technologies and diagnostic techniques, ACDelco Training has introduced course material developed to examine engine-misfire scenarios that may arise during service. The material is presented in both an all-day Instructor-Led Training (ILT) session utilizing vehicles and hands-on exercises, and an interactive seminar.

Advanced Engine Performance – Engine Misfire

SEP0501IL (ILT)/SEP0601SM (seminar)

These instructor-led courses provide technicians with a time-saving scan-tool, four-gas-analyzer and oscilloscope-based diagnostic strategies. Scan-tool content includes using Diagnostic Trouble Code (DTC) retrieval, analysis of Engine Control Module (ECM)-generated data such as Short- and Long-Term Fuel Trim (STFT/LTFT), and the misfire monitor.

Course content covers how four-gas exhaust-analyzer usage can assist in both diagnosis and diagnostic decision verification. Oscilloscope-analysis content includes in-cylinder cranking and running pressure tests along with intake, exhaust, cooling system and crankcase pressure. This multisystem approach helps technicians improve diagnostic efficiency. ■



Scan this QR code to learn about the latest in ACDelco Training coursework.

**T**he basic principle of collision repair is to return a vehicle to its previous condition as precisely as possible. A key component in achieving that goal is the proper replacement of sensors and the systems in which they sit. These replacement parts cover the entire vehicle and require great care in their positioning and programming.

Body shops are always better off by using Original Equipment (OE) parts, as

aftermarket items often can't match their specs. Case in point: Aftermarket body panels/bumpers often lack correct sensor locations, and misalignment causes false or missed blind-spot detection.

Whether talking about sensors in general, Short-Range Radars (SRRs) or Long-Range Radars (LRRs), or Ultrasonic Parking Modules (UPMs), there are certain tips that should be followed during repairs to help best replicate original performance.

### ALL SENSORS

Technicians should always verify the module has the newest software available before a replacement. This will help ensure the latest SW is present and, in the case of replacement parts, that the correct vehicle calibration is on the controller.

Personnel should also ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. Interruptions during programming can cause failure or module damage. Stable battery voltage is critical during programming. Use an EL-49642 SPS Programming Support Tool or a fully charged 12V jumper/booster pack

disconnected from AC supply. Do NOT use a battery charger.

### SHORT-RANGE RADARS/ LONG-RANGE RADARS

For both these items, the sensor tolerance should be at plus/minus 4 degrees in azimuth and elevation. Material in front of radars are specially designed and should be considered; even light paint coats (if not applied according to GM guidelines) can create ghost objects, which can lead to incorrect sensor identification, causing unwanted vehicle performance. Both SRRs and LRRs also have similar mounting height thresholds: **350 mm (min) to 850 mm (max)** from the ground. This is important for aftermarket modifications such as lift kits.

SRRs on a vehicle have the same part numbers; they determine position via harness pin-out at a given location. Damaged pin-outs can cause failure to program, or identification of the incorrect part location on a vehicle. For LRRs, it's important to know that there's a required learn for all new parts installed, with a service alignment via the dealership tool GDS2.

### ULTRASONIC PARKING MODULES

When replacing UPMs, maintain the original X/Y/Z position and angle. The correct seating is essential; the mounting bracket and isolator ring, in particular, are critical for accurate UPM sensor performance. The silicone insulator around the sensor must not be missing, cut or twisted.

Also, avoid excessive paint/clear-coat thickness as it increases the sensor ring time. Follow instructions in Service Information for applying the correct amount of paint. ■



Sensor  
replacement  
finds success  
in the details



# DETECTION CORRECTION