

gm GENUINE
PARTS

ACDelco



Performance

REPAIR

IN SIGHTS

FALL 2025

*Collision Repair News
From Your Parts Supplier*

Getting Your
Bearings

Ready Struts
Expand

Low Voltage,
High Impact



LUXURY
FOR YOUR LIFE

FIRST-EVER ALL-ELECTRIC 2026 VISTIQ

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Collision Repair Network
sets the standard



REPAIR IN SIGHTS

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Unlocking the Power

Getting the most out of the Toolbox on your my GM Partner Perks homepage

Your my GM Partner Perks homepage features a powerful resource right on the landing page: the Toolbox. This centralized hub is designed to help you make the most of your membership by offering quick access to essential tools and information.

There are three key resources available in the Toolbox that can streamline your experience and support your business:

1 Enrollment and Re-enrollment Support

Step-by-step instructions guide you through joining or renewing your participation in the program.

2 Validation Process Guidance

Validation refers to EIN or SSN validation, which is required in order to receive reward point deposits.

3 Training Course Information

This is a comprehensive overview of available in-person and online training options for eligible Members, including access to the full 2025 ACDelco Training Course Catalog.

These tools are designed to simplify your journey and empower you to take full advantage of your GM partnership.

Guide to Re-enrolling

Re-enrolling in my GM Partner Perks is quick and easy. Here's how to get started:

Two Ways to Begin

Quickest Method

Log in and click the "Re-Enroll" button in the orange alert at the top right of your screen.

The screenshot shows the 'my GM Partner Perks' homepage. At the top, there's a navigation bar with 'My GM Partner Perks', 'Reports', 'My Toolbox', 'Live Chat', and a dropdown for 'Preferred Location' set to 'American Automotive - Saint Louis, MO'. Below the navigation is a 'My Wallet' section with a balance of '\$10.00'. A prominent orange alert box in the center says 'American Automotive is now eligible for Re-enrollment' with a bell icon, and buttons for 'Mark as read' and 'Re-Enroll'. Below the alert is a 'Ready For Checkout' section showing a breakdown of costs: 'Perks Training Fee' (\$100.00), 'Sub Total' (\$500.00), '3.5% Credit Card Processing Fee' (\$17.50), and 'Sales Tax' (\$0.00), totaling '\$517.50'. There's also a checkbox for 'I certify that I am the owner of any business that will be enrolled.' and a 'ADD PAYMENT' button.

Guide to Validation

Ensuring your federal tax information is correctly validated is essential for accessing program benefits. Here's how to validate your EIN (Employer Identification Number) or SSN (Social Security Number):

Validating EIN

First-Time Validation

1. Log in to the site.
2. Go to My Toolbox > Business.
3. Click "View/Edit," then select "Address Information."
4. Confirm your Business Legal Name matches your federal tax documents.
5. Enter your EIN (no dashes) and click "Save."

Updating EIN or Business Name

- **Ownership Change**
Complete the Change of Ownership/Contract Addendum form in the Toolbox.
- **No Ownership Change**
Contact Program Headquarters to unlock the name field for updates.

IMPORTANT NOTES

- You have two attempts to validate. If unsuccessful, wait 24 hours before retrying.
- A success message will confirm validation.

Alternate Method

1. Go to My Toolbox

Select Business, then click "Manage My Business." Locate your business and select "Re-Enroll."

2. Choose Business Type

Select your business type from the drop-down menu. Your current type will be pre-selected.

3. Choose Package and Training

Pick the program package that fits your needs. Training is optional – just check the box to include it.

4. Sign Agreement and Pay

Review and sign the agreement; then proceed to checkout. The total cost will be displayed, and payment can be made securely.

Validating SSN

First-Time Validation

1. Log in to the site.
2. Go to My Profile and confirm your legal name matches your tax documents.
3. Enter your SSN in both fields and click "Save."

Updating Legal Name

Contact Program Headquarters to unlock the name field and revalidate your SSN.



Training Courses for Eligible Members

Scan the QR code to view or download the full 2025 ACDelco Training Course Catalog.

The **GOLD** Standard

Introduction of new bearing applications underscores strength of product

This past summer, ACDelco announced the addition of 80 new bearing applications under the Gold brand. Notable in that announcement is the number of non-GM applications being introduced.

ACDelco Gold bearings offer customers a high-quality alternative to OE parts at an attractive price point. The parts include wheel, ball, clutch-release and hanger bearings; hub assemblies and spindle kits; and bearing seals.

More Than Tolerant

In fact, being manufactured to precise tolerances helps ACDelco Gold bearings provide impressive braking and steering performance. Rolling surfaces are induction heat-treated to create a case-hardened pattern that enhances strength and reliability. In addition, precision-ground raceways help ensure smooth and quiet operation.

Did You Know?

All ACDelco Gold bearings come with a 24-month/unlimited-mile warranty.* Visit acdelco.com to learn more about the whole range of ACDelco products.

High-quality materials play an important role as well. ACDelco Gold bearings are made of an ultra-low contaminant steel that contains fewer inclusions than regular bearing steel for reduced fatigue spalling. The steel is also heat-treated and engineered to withstand a variety of demanding driving conditions.

The use of cold-headed, high-strength-steel wheel



bolts contribute to the durability factor, and the Gold-branded hub assemblies feature an advanced formulated grease that is engineered to withstand high-operating temperatures and loading. Adding to this protection are ACDelco Gold bearings' multi-lip design and extreme-temperature seal materials, which provide a formidable barrier to water and contaminants. ■

Scan This QR Code



for a video that focuses on when to potentially install ACDelco Gold bearings.

*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.

Ready for **ACTION**

ACDelco Gold Ready Struts respond to the road

As with GM Gold bearings, ACDelco also expanded its portfolio of Ready Strut product applications. In fact, 204 new offerings have been added – including a wide range of non-GM applications. This means a broader spectrum of cars, trucks and SUVs can take advantage of this durable, convenient-to-install part.

Full Assembly

Ready Struts come as a complete assembly, meaning they include the upper strut mount, bearing, jounce bumper, strut boot, coil spring, spring isolator and MacPherson strut or coil-over shock with spring seat.

In addition, this preassembled unit has the vehicle-mounting points and brake-hose brackets already placed in their proper locations. This assembly, along with the fact that Ready Struts do not require any additional parts or special tools, makes for an easier and safer installation. For most repairs, the preassembled unit can be a real time-saver.

Built to Last

Along with convenience, Ready Struts boast durability built with thorough real-world testing. They undergo multiple component



GM-BACKED LIMITED WARRANTY

ACDelco Gold Ready Struts are backed by GM with a 24-month/unlimited-mile limited warranty.*

and unit tests designed to gauge structural integrity and resilience. For example, Ready Struts go through the industry-standard ASTM-B117 salt-spray test, where they regularly exceed requirements after being subjected to numerous hours of salt spray.

The construction of Ready Struts also contribute to their effectiveness, with chrome-plated steel piston rods and a durable paint finish to help combat rust and corrosion. Plus, the Drawn Over Mandrel (DOM) pressure tube provides a smooth surface to optimize durability, reduce wear and extend product life.

ACDelco Gold Ready Struts are backed by GM with a 24-month/unlimited-mile limited warranty,* providing customers with the assurance they're getting a long-lasting, high-quality alternative to GM OE parts. ■



Scan this QR code for information on ACDelco's full line of steering and suspension parts.

*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.

A CLASS ACT

Cadillac VISTIQ makes the grade with a combination of power, luxury and style

The 2026 Cadillac VISTIQ is not just another electric vehicle. It's a three-row game changer, set to redefine luxury in the electric vehicle market. With its unique blend of performance, technology and elegance, the VISTIQ is Cadillac's first all-electric, three-row SUV that offers a premium driving experience.

The spacious, well-appointed latest addition to Cadillac's EV lineup presents a range of benefits rivaling what competitive EV vehicles can now achieve out on the road. Here are just some of the advantages the VISTIQ offers owners.



Showing Range

Under the hood, the VISTIQ boasts dual-motor all-wheel drive that delivers a remarkable GM-estimated 615 horsepower and 650 lb.-ft. of torque. With Velocity Max, the VISTIQ can accelerate from 0-60 mph in just 3.7 seconds.¹ Complementing this impressive performance is a responsive sport suspension with Continuous Damping Control, which uses sensors to adjust shock absorbers based on varying road conditions. Note: Air Ride Adaptive Suspension and Active Rear Steering are available.

The vehicle is equipped with a 102-kWh battery, providing an EPA-estimated range of up to 305 miles.² Helping extend that range on the VISTIQ is Regenerative Braking, which captures and conserves braking energy.



Comfort Mood

The exterior features modern, captivating, choreographed lighting and sleek lines designed to turn heads wherever VISTIQ goes. Inside, the VISTIQ offers seating for up to seven passengers across three rows, with the combination of standard massaging, heated, ventilated and 18-way power-adjustable front seats. The VISTIQ offers an intelligent 5-zone climate control. The interior is adorned with high-quality materials and advanced technology, including a 33-inch diagonal advanced LED display with Google built-in³ compatibility.

Continued on next page >

1. On a closed course only. Based on Initial Vehicle Movement (IVM). 2. When equipped with 11.5-kW onboard charging module. On a full charge. Actual range may vary based on several factors, including ambient temperature, terrain, battery age and condition, loading, and how you use and maintain your vehicle. 3. 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™, Google Play, Google Maps and other marks are trademarks of Google LLC.



Continued >

The 23-speaker AKG⁴ Studio audio system, with available Dolby Atmos[®], ensures an immersive sound experience for all occupants. Tri-Zone Ambient Lighting, with 126 color options, allows owners to accent – and personalize – areas around the footwells, doors and sunroof.

The Road Ahead

The VISTIQ is packed with cutting-edge technology to enhance the driving experience. Cadillac's Super Cruise[®]⁵ hands-free driver assistance technology comes standard for three years,⁶ helping

to make long drives and commutes more comfortable and convenient with hands-free driving. The vehicle also features HD Surround Vision,⁷ providing a comprehensive view of the surroundings to aid in parking and maneuvering. And with available Night Vision,⁷ drivers can see beyond their headlamps to detect pedestrians or large animals directly ahead.

Another technology feature that provides foresight is the available Augmented Reality Head-Up Display,⁷ which projects on two viewing planes information such as navigational and directional cues, speed

and more to the driver where it's most helpful and intuitive.

Choose Your VISTIQ

The VISTIQ comes in four trim levels, including Luxury, Premium Luxury, Sport and Platinum. Each trim offers unique features, including 22-inch Diamond Cut Wheels with High Gloss Black-finish spokes and a 19.2-kW AC Charging module on the Premium Luxury model. There are Brembo[®] front brakes with Black calipers

and Cadillac script, along with Platinum front and rear lower fascia on the Platinum model.

Every VISTIQ model delivers an impressive 80.2 cubic feet of cargo space behind the front seats.⁸ As a result, first- and second-row passengers enjoy more than 40 inches of legroom, with third-row riders still receiving almost 31 inches of movement. ■



2026 Cadillac VISTIQ Premium Luxury



Scan the QR code to learn more about the 2026 Cadillac VISTIQ.

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using Super Cruise. Do not use a handheld device. Visit cadillac.com/supercruise for Super Cruise compatible roads and full details. Subject to user terms. See onstar.com for details and limitations. 7. 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 Owner's Manual for more important feature limitations and information. 8. Cargo and load capacity limited by weight and distribution.

The Corvette E-Ray marks a significant evolution in Corvette engineering by integrating two lithium-ion batteries – one for high-voltage propulsion and another for low-voltage operations. The low-voltage battery, known as the 12V LiB, replaces the traditional lead-acid battery found in other Corvette models and plays a critical role in the vehicle's hybrid functionality.

A Smart 12V System

Unlike conventional 12V lead-acid batteries, the E-Ray's 12V LiB supports advanced features such as a "flying start" for the 6.2L V8 engine when transitioning out of Stealth mode. The 12V LiB is charged by the K114V Power Module during electric-only driving modes (Stealth and Shuttle) and by the generator once the internal combustion engine takes over.

Intelligent Battery Protection

The 12V LiB includes internal contactors that function as safety switches, opening when voltage, current or temperature exceeds critical limits. These contactors undergo a self-test every time the vehicle powers down, completing within five seconds. The battery communicates with the K9 Body Control Module (BCM) via a Controller Area Network (CAN) and displays voltage status on the instrument cluster. Diagnostic data can be accessed using GDS2 through the K244 Battery Management Control Module.

Programming and Maintenance

Stable voltage is essential during Service Programming System (SPS) events. Older battery maintainers may not recognize the 13.3V resting voltage of the 12V LiB and fail to supply current, causing the battery to drain and the contactors to open mid-programming.

Selling **LOW**

GM recommends using only approved chargers such as the Midtronics MSP-070 or the E-XTEQ 512EVO series.

Charging and Testing Guidelines
Due to the nature of lithium ion, external load testing is ineffective and not recommended by GM. However, charging is permitted using an approved charger such as the Midtronics DCA-8000, provided correct settings are used. The battery should never be charged above 14.4V. If the contactors are open, there will be less than 2V at the battery terminals.

Battery Replacement Protocol
Degradation of the 12V LiB is less apparent compared to lead-acid batteries, and it may suddenly appear dead if the contactors prevent power delivery. When replacing the 12V LiB, the High-Voltage Service Lockout

OPERATING THRESHOLDS & FAULT CONDITIONS

The battery is designed to protect its four series of cell sets under various conditions

(HVSL) must be engaged before disconnecting the battery due to its integration with the high-voltage system. This ensures technician safety and prevents accidental re-engagement.

The Corvette E-Ray's 12V lithium-ion battery system exemplifies the vehicle's cutting-edge hybrid technology. With intelligent safety features, advanced diagnostics and strict maintenance protocols, it represents a leap forward in low-voltage vehicle electrification. ■

Over Voltage: Contactors open if any cell exceeds 4.0V (typically above 14.5V total).

Under Voltage: The relay will open if any cell drops below 2.5 volts for several minutes, which may occur when the battery is discharged to a voltage below 11 volts. The relay can be closed under normal conditions by applying greater than 12.5V to the battery terminals followed by a charge using an approved charger.

Severe Discharge: If the battery is severely discharged – any cell drops to 1.5 volts – it will set a critical low-voltage and end-of-life fault, and the relay will not close again.

Over Current: The battery opens above 2,000 amps due to short circuits. The relay can be closed under normal conditions by applying greater than 12.5V to the battery terminals using an approved charger.

Over Temperature: The relay will open if an over-temperature condition occurs, in which the internal temperature exceeds 185°F (85°C). The relay will close once the temperature drops below 176°F (80°C).

End of Life: The relay will open if the battery determines it can no longer safely support the vehicle objectives. In this state, the terminals can never be reconnected to the cells and the battery needs to be replaced.



12V low-voltage battery provides a boost for Corvette E-Ray

Level Set

Recalibration of front-view camera is a relearning process

Following a collision, numerous vehicle subsystems – particularly those related to advanced driver-assistance systems (ADAS) – may require recalibration or the execution of a system “relearn” procedure. Let’s examine one such subsystem commonly encountered in automotive repair environments.

Front-View Camera – Windshield Learn

Performing the calibration process for the front-view camera system is necessary when a front-view camera module is replaced by a new one as well as whenever the module is removed from its bracket. An incorrect or out-of-specification replacement windshield can cause cameras to fail the learn. An OE windshield with a correct part number will help ensure the windshield is not the cause of a failed camera learn. Any maintenance, repair or part replacement that affects the vehicle’s ride height will also require recalibration of the front-view camera.

Following the Front-View Camera Learn directions displayed on the scan tool, the calibration process can be completed within three to five minutes when the correct driving conditions are met



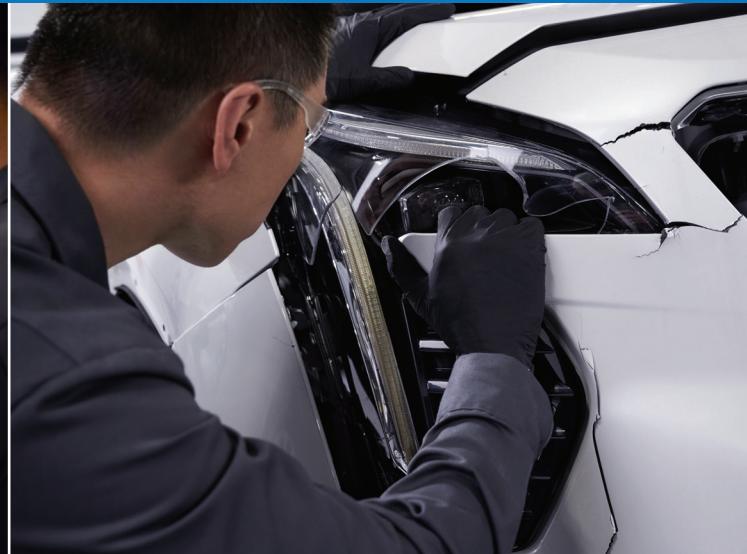
(clear lane markings, clean windshield, vehicle speeds maintained between 35–56 mph). If these conditions are not met, the front-view camera module will continuously run the service-point calibration until it is successfully completed. The calibration will work across ignition cycles and does not require re-initialization at startup.

In some cases, an extended drive cycle is needed to complete the learn procedure due to road conditions or environment.

If the Lane Departure Warning switch is pressed during calibration, the indicator will flash momentarily and then stay out – this is regular operation. ■

! View SI Doc ID 5344006 for the step-by-step procedure.





Making Your Mark

Participation in GM Collision Repair Network
confirms a commitment to quality service

With any organization,
it's important to have
standards in place.

For the General Motors
Collision Repair Network
(GM CRN), those standards
are focused on promoting
the highest quality service
of vehicles while providing
a positive experience
for customers. For
participating independent
body shops, this philosophy
is embraced while enjoying

a variety of benefits and
resources.

GM CRN is open to body
shops in all 50 states.
Those who have been in
business for more than five
years are automatically
eligible for the program;
shops operating for fewer
than five years must have
two vendor references and
a bank reference, or a D&B
report – or other proof of
timely financial operations.

Once in the program,
shops have the ability to
demonstrate their repair
acumen in achieving a
variety of certification
levels, including Basic,
ICE Specialty, BEV and
Fleet. Meeting certain
certification statuses allows
shops to work on select
vehicles with restricted
parts access, such as the
Cadillac CT6, Chevrolet
Corvette C8 and BrightDrop
models.

Participants also get free
enrollment in my GM
Partner Perks at the Pro
Perks++ level if Minimum
Purchase Requirements
are met. Most of all, they
can take pride that they
represent GM's recognized
standard of promoting
safe, proper repairs of GM
vehicles. ■

Other advantages of
 **COLLISION
REPAIR NETWORK**

- Shop referrals through the GM Collision Assistance mobile app
- Facility featured on the GM CRN Locator on GMParts.com
- Quarterly updates on GM innovations, repair standards and industry trends
- On-site audits that include a complimentary repair-process review
- Access to the Generis dashboard for performance tracking and shop-improvement insights



Scan this QR code to learn more about the General Motors
Collision Repair Network, including how to enroll in the program.