NEW CHEVROLET BOLT

/In January, Chevrolet introduced a car that defines what it means to Find New Roads
BOLT EV

/Bolt EV took the Consumer Electronics Show by storm
International CES
BEST CAR
BEST IN SHOW
200+ MILE RANGE
AT AN AFFORDABLE PRICE

NEW CHEVROLET BOLT: 5 THINGS

1. Chevrolet Bolt is unique there's no class for it yet. Bolt is a 5-door Compact Utility Vehicle (CUV) with an all-new, all-electric powertrain that can deliver 200+ miles on a single charge , dramatically farther than any all-electric currently available.

2. Power comes from a single, high-capacity electric motor. Compact, powerful and quiet, the motor offers 266 lb.-ft. torque and 200 horsepower , with 0-60 under 7.0 seconds.

3. Regenerative braking allows highly advanced – and enjoyable – single pedal driving which can allow the vehicle to slow to a complete stop without using the brake pedal.

4. Engineered with a billion customer miles of experience, the all-new lithium ion battery pack can go up to 200 miles; a typical 50- mile commute can be recharged in less than 2 hours. Overnight charging is accomplished with standard 240V household current.

5. A new body structure is stronger for a quieter ride, while advanced brakes with improved capability and even heated rear seats make it fun to drive.

WITH DC FAST CHARGER:

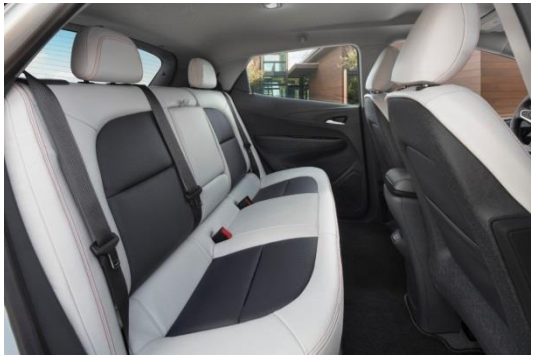
ADD 90 MILES IN 30 MINUTES

160 MILES IN AN HOUR

THE BOLT EV WILL BE AVAILABLE BY THE END OF THE YEAR

INSIDE THE BOLT

The environment is simple, clean and contemporary. Many of its features are designed to support new “infotainment” technology.



FAST CHARGING TECHNOLOGY

Unlike competitors with limited range, Bolt can go over 200 miles on a charge. For those using the vehicle frequently, there are many charge options

7.2 kW onboard charger for overnight household 240V charging

2-hour recharge time for 50 mile commute

Fast charging optional direct current (DC) uses the standard connector to charge Bolt's EV battery to 90 miles of range in 30 minutes

SURPRISING CAPACITY

For drivers with many samples to deliver, or packages to secure, Bolt offers generous cargo space to go with its revolutionary performance.

16.9 cu.-ft. cargo capacity behind rear seats

47.7 cu.-ft. cargo capacity with rear seats folded (shown)

3-passenger rear seating

BEST-SELLING
ELECTRIFICATION PORTFOLIO

VOLT GEN 1 | SPARK EV | VOLT GEN 2 | MALIBU HYBRID | SILVERADO E ASSIST | BOLT EV

CHEVROLET VOLT: 5 THINGS

1. New two-motor drive unit is up to 12 percent more efficient and 100 pounds lighter than before, enabling 19% percent stronger zero-to-30 mph acceleration.

2. Lithium-ion battery capacity increased to 18.4 kWh using 192 cells (96 fewer than 2015 model) with weight reduced by more than 20 pounds. 1.5L range extender gives 41 MPG combined on regular gasoline.

3. Range on pure battery power is now 50 miles; total range is now 400 miles. Expected that most owners will now average over 1000 miles between fill-ups.

4. Regen on Demand™ enables driver control of energy regeneration via convenient paddles on the steering wheel. New location-based charging, a simpler 120V cord set and an illuminated charge port make Volt even easier and more convenient.

5. A new body structure is stronger for a quieter ride, while advanced brakes with improved capability and even heated rear seats make it fun to drive.

THE REVIEWS ARE IN

10 BEST Green Cars 2015

2016 GREEN CAR OF THE YEAR

2015 BEST BUY AWARD Winner

Automotive News

"The 2016 Volt could be a breakthrough car, not just for Chevrolet, but the entire industry."

INSIDE THE NEW VOLT

The 2016 Volt includes seating for five highlighted by blue ambient lighting – while the controls are easier to find and simpler to operate.

LONG RANGE PLANNING

With a new more efficient battery pack, electric motors, and range extender, 2016 Volt owners may average up to 1000 miles between fill ups.

A DASH OF INGENUITY

Dual digital color displays with a reconfigurable screen in the instrument cluster keep the driver informed, while an eight-inch-diagonal center-panel touch screen controls the Chevrolet MyLink system.

VOLT - KEY FACTS FOR ELECTRIFIED DRIVING

You can operate a Volt on electricity for less than $2 per day. With a range of 53 electric miles, the savings go to your bottom line.

Half the cost-per-mile versus the gas-powered equivalent ($0.057 vs. $0.13)

10-hour charge with 120V outlet;

- 4-hour charge with 240V outlet

100,000-mile/8-year battery warranty

California drivers use HOV lanes

VOLT VS. NISSAN LEAF

Before buying into an electric instead of an advanced hybrid, it's best to do a thorough comparison of the range, features and convenience.

- Longer cruising range than Leaf
  - 400 miles (gas + electric)
  - Leaf 103 miles (electric only)
- More horsepower (149) vs. Leaf (107)
- More torque (294) vs. Leaf (187)
- 6 months of OnStar service, standard
- 40,000 mile longer powertrain warranty

ALL-NEW CHEVROLET MALIBU

48 MPG MALIBU HYBRID

NEW MALIBU HYBRID – 5 THINGS

1. Leveraging the aerodynamic design and high-strength lightweight steel construction, Malibu Hybrid delivers 48 city / 45 highway / 47 combined MPG.

2. An all-new, direct-injection 1.8L four-cylinder engine mated to a two-motor drive unit powers the Malibu Hybrid for additional energy during acceleration. Total combined system output is 182 horsepower.

3. An 80-cell, 1.5 kWh lithium-ion battery pack provides electric power to the hybrid system. It can power the Malibu Hybrid up to 55 MPH (88 km/h) on electricity alone.

4. Malibu Hybrid shares the new Volt's blended regenerative braking system, which recovers kinetic energy during braking to be stored in the battery system to maintain system charge.

5. This is the first application of Exhaust Gas Heat Recovery technology. Using exhaust heat to warm the engine quickly, EGHR improves engine warm-up time and ensures consistent fuel economy performance in cold weather.

SEGMENT-LEADING HYBRID

	CITY	HWY	COMBINED
MALIBU	47	46	46
FUSION	44	40	42
SONATA	40	44	42
CAMRY	43	39	41

46 COMBINED EPA MPG: THE NEW MALIBU HYBRID

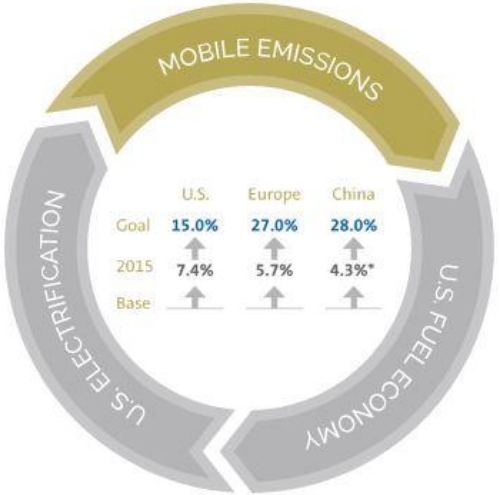
GUIDED BY THE CUSTOMER'S COMPASS: NEW VOLT

Sustainability is about listening. When developing the new Chevy Volt, we honored customer requests resulted in more range, more convenient charging and status monitoring and more power…in a beautiful, fun-to-drive vehicle.

THE FIRST-EVER 200+ MILE RANGE ELECTRIC: NEW CHEVY BOLT EV

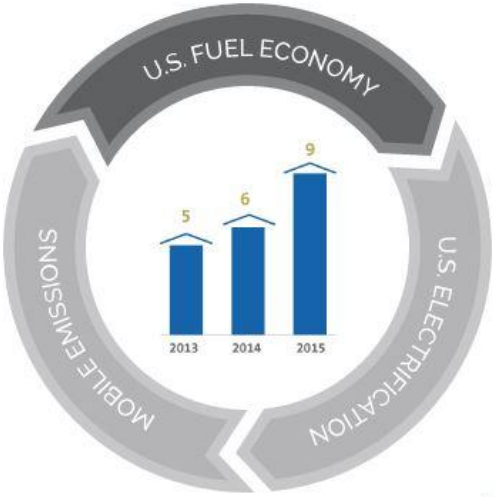
Parterning with our suppliers is a “win-win” for sustainability. Thanks to an unprecedented relationship with battery supplier LG Chem, Chevy Bolt will be the first vehicle on the market with an all electric range of over 200 miles – without sacrifice to comfort, utility or style.

OUR COMMITMENTS: VEHICLE GOALS



Reduce the average carbon emissions of U.S. fleet by 15 percent by 2016

500,000 vehicles on the road in the U.S. with some form of electrification by 2017.



GM will double the number of U.S. models with an EPA-estimated 40 mpg hwy or better by 2017.

GENERAL MOTORS FLEET

THANK YOU