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Guide for Law Enforcement & First Responders for Interacting with a Cruise Autonomous Vehicle

A110 (Chevy Bolt Platform) Version

Updated October 2022



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Document Objective

This document provides guidance to law enforcement and first responders regarding Cruise LLC ("Cruise") and how to interact safely with our Chevy Bolt-based vehicles on the road in a variety of scenarios. Additional information about Cruise's safety program can be found in the *General Motors 2018 Self-Driving Safety Report*[1] and the *2018 Self-Driving Safety Report: Appendix A*.[2] Further information on how Cruise develops our systems, including for the Origin, can be found in our *Under the Hood* presentation.[3]

Cruise Vision

Cruise is an all-electric self-driving technology company with a mission to build the world's most advanced autonomous vehicles to safely connect people to the places, things and experiences they care about. Founded in San Francisco, California in 2013, Cruise is committed to developing a shared, purposeful self-driving service that we believe will bring new safety, accessibility and environmental benefits to more communities.

Cruise's mission is founded on the profound premise that today's transportation status quo is fundamentally broken. In 2021, an estimated 42,915 died on U.S. roads, an increase of 10.5% from 2020, with major percentages for pedestrians and cyclists as well.[4] The toll is astronomical globally: more than 1.3 million people died on roads around the world.[5] The transportation sector is also known to be the single largest contributor to greenhouse gas emissions in the country, accounting for nearly 30% of total emissions.[6] In our home state of California, transportation's portion is an even larger contributor, accounting for more than 40% of emissions.[7] In addition, despite revolutionary changes in transportation, progress has been uneven. Six million people with disabilities do not have access to the transportation they need.[8] A 2014 Harvard study found that commute times and access to employment opportunities proved to be some of the strongest predictors of upward mobility.[9] The bottom line is that transportation today is too dangerous, polluting, inaccessible and expensive, and Cruise believes the root of these failures lie with the 20th century model of the human-driven, internal combustion,

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[1] *2018 Self-driving Safety Report,* GM, https://www.gm.com/content/dam/company/docs/us/en/gmcom/gmsafetyreport.pdf.
[2] *2018 Self-driving Safety Report Appendix,* GM, https://www.gm.com/content/dam/company/docs/us/en/gmcom/2018%20Self-Driving%20Safety%20Report%20Appendix%20A_DIGITAL_180614b.pdf.
[3] *'Under the Hood' virtual event,* Cruise video (November, 2021) https://www.youtube.com/watch?v=uJWN0K26NxQ.
[4] *Newly Released Estimates Show Traffic Fatalities Reached a 16-Year High in 2021*, NHTSA (May 17, 2022), https://www.nhtsa.gov/press-releases/early-estimate-2021-traffic-fatalities.
[5] *Global Status Report on Road Safety 2018*, WHO (June 17, 2018), https://www.who.int/violence_injury_prevention/road_safety_status/2018/en/.
[6] *Sources of Greenhouse Gas Emissions*, EPA, https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions.
[7] *GHG Current California Emission Inventory Data*, CARB, https://ww2.arb.ca.gov/ghg-inventory-data.
[8] *Self-Driving Cars: The Impact on People with Disabilities*, Ruderman Family Foundation, https://rudermanfoundation.org/white_papers/self-driving-cars-the-impact-on-people-with-disabilities/.
[9] *Where Is the Land of Opportunity? The Geography of Intergenerational Mobility in the United States*, National Bureau of Economic Research (Jan. 2014), https://www.nber.org/papers/w19843.pdf.

single-occupant vehicle. That is why Cruise is designing, developing, testing, and deploying autonomous vehicles that can provide both an alternative and a solution.

To further the objectives of safety, sustainability, accessibility and equity, Cruise has developed the Cruise Autonomous Vehicle (AV) with the future goal of launching a self-driving service. The Chevy Bolt-based Cruise A110 vehicle is purpose-built as a self-driving vehicle at a dedicated manufacturing plant in Lake Orion, Michigan, employing a safety-by-design approach that provides critical system redundancy. Each Cruise A110 AV is designed with seamless hardware and software integration utilizing automotive grade technologies and processes, and crash tested extensively to ensure passenger safety.

Safety is Cruise's North Star. Cruise is developing and testing vehicles with advanced sensors that provide rich information about the world. We leverage the latest machine learning techniques and our powerful cloud-based tools to help our vehicles understand what's happening around them and what might happen in the future. We envision a future where AV technology has a positive overall impact on automotive safety and public health. We work tirelessly toward this goal because we believe deeply in its promise and know its impact will be measured in lives saved.

Additionally, because Cruise is committed to a clean, sustainable future for transportation, we utilize an all-electric AV fleet everywhere we operate and were the first self-driving company to power its vehicles with 100% renewable energy.[10] As a purpose-built fleet, we view our self-driving service as a way to expedite the electrification of transportation, which studies show will yield improved health outcomes.[11] Cruise customers need not worry about purchasing an electric vehicle nor about when or how to charge. In this way, Cruise A110 AVs can dramatically increase access to clean, electric miles for those who may not be able to afford an EV, may not be in the market for a new vehicle, or like the millions of Americans that rent in our cities, not have access to chargers or the ability to install them.

Cruise believes AV technology has an historic opportunity to bridge gaps in transportation accessibility and equity that have existed for far too long. Cruise recognizes the significant benefits a self-driving service could have for seniors and people with disabilities, empowering greater independence and connection to community. Cruise actively partners with stakeholders within the accessibility community to understand the challenges faced within current transportation options and to co-design potential solutions with Cruise specialists. Cruise also recognizes that advances in transportation have not been inclusive in their beneficiaries, especially in lower socioeconomic and minority communities. Cruise is proud to be a part of Pledge 1%, utilizing at least one percent of our fleet for social good in perpetuity.[12] AVs developed by Cruise provide the opportunity to bridge the gap for individuals and organizations who otherwise would not have access to such advances in technology.

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[10] *Cruise Becomes First Self-Driving Company to Power Vehicles With 100% Renewable Energy*, Cruise Blog (Apr. 22, 2020), https://medium.com/cruise/cruise-becomes-first-self-driving-company-to-power-vehicles-with-100-renewable-energy-3c7a7974590c.

[11] *Zeroing in on Healthy Air*, American Lung Association (Apr. 2022) https://www.lung.org/clean-air/electric-vehicle-report.

[12] *Cruise Joins the Pledge 1% Movement, Introducing Cruise for Good, Pledge 1% (April 23, 2021),* https://pledgeitforward.today/cruise-joins-the-pledge-1-movement-introducing-cruise-for-good/

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Cruise is committed to designing a shared, all-electric, self-driving service to strengthen and connect communities and experiences. After years of careful testing, thoughtful development, and robust validation, Cruise is deploying fully driverless vehicles on public roads. As with our enduring commitment to safety in drivered testing and deployment, Cruise will conduct driverless deployment with the same level of care. We believe that our incremental approach will ensure that we are able to bring the benefits of this technology to the public as safely and efficiently as possible.



Guide for Law Enforcement & First Responder Safe Interaction with Cruise A110 (Chevy Bolt-based) Autonomous Vehicles

Introduction:

Cruise's mission is to build the world's most advanced autonomous vehicles to safely connect people to the places, things, and experiences they care about.

At scale, self-driving technology holds the potential to save millions of lives, reshape our cities, reduce emissions, give back millions of hours of time and restore freedom of movement. At Cruise, we believe that the right way to build that future is to do it side-by-side with the community, especially with our partners in law enforcement and public safety.

We regularly work with state and municipal public safety officers where we operate and beyond, and have conducted multiple training sessions with law enforcement and first responders across the country in the localities where we test. Through these training sessions, we provide law enforcement and first responders with the information they need to safely identify and interact with our Cruise A110 Autonomous Vehicles (AV).

This instructional guide builds on those engagements and is designed to equip public safety officials with the information they need to safely interact with the Cruise A110 AVs in multiple scenarios.



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Cruise's goal is to develop an autonomous vehicle that improves road safety, and we are committed to doing so in a way that supports the crucial work of public safety officials wherever we operate. If you have additional non-urgent questions regarding the Cruise A110 AV not provided by this guide, please contact firstresponders@getcruise.com. For all time sensitive inquiries, please call **888-662-7103**.

Cruise key contacts

Non-urgent: email firstresponders@getcruise.com

Time sensitive inquiries: call 888-662-7103

Section One: The Cruise A110 (Chevy Bolt-based) Autonomous Vehicle



Image of a Cruise self-driving, all-electric vehicle

The Cruise A110 AV is a fully integrated self-driving system based on the award-winning all-electric Chevrolet Bolt platform. While many law enforcement officers and first responders are familiar with the Chevrolet Bolt EV platform, the Cruise A110 AV is engineered to operate safely on its own - with no driver - within a defined operating environment and under a specific set of conditions.

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At Cruise, it's every employee's job to make our product safe. Our first rule, always and everywhere, is safety first.

Cruise A110 AVs are built at a General Motors (GM) assembly plant in Orion Township, Michigan, which builds thousands of production vehicles every year. In concert with our partner GM, we engineered safety into the vehicle from the ground-up, at every step of design, development, manufacturing, testing and validation. The Cruise A110 AV is designed with seamless hardware and software integration, built to automotive grade standards, and crash tested as other production vehicles. All suppliers who manufacture components for the Cruise A110 AV are required to make sure their quality meets high standards.

Our self-driving system is integrated into the vehicle from the beginning. Through close coordination between the hardware and software teams at both GM and Cruise, we have evaluated potential failure modes for all systems, addressed them throughout development to ensure a safe and reliable product and built redundancy into every element of critical system functioning.

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Identifying the Cruise A110 AV

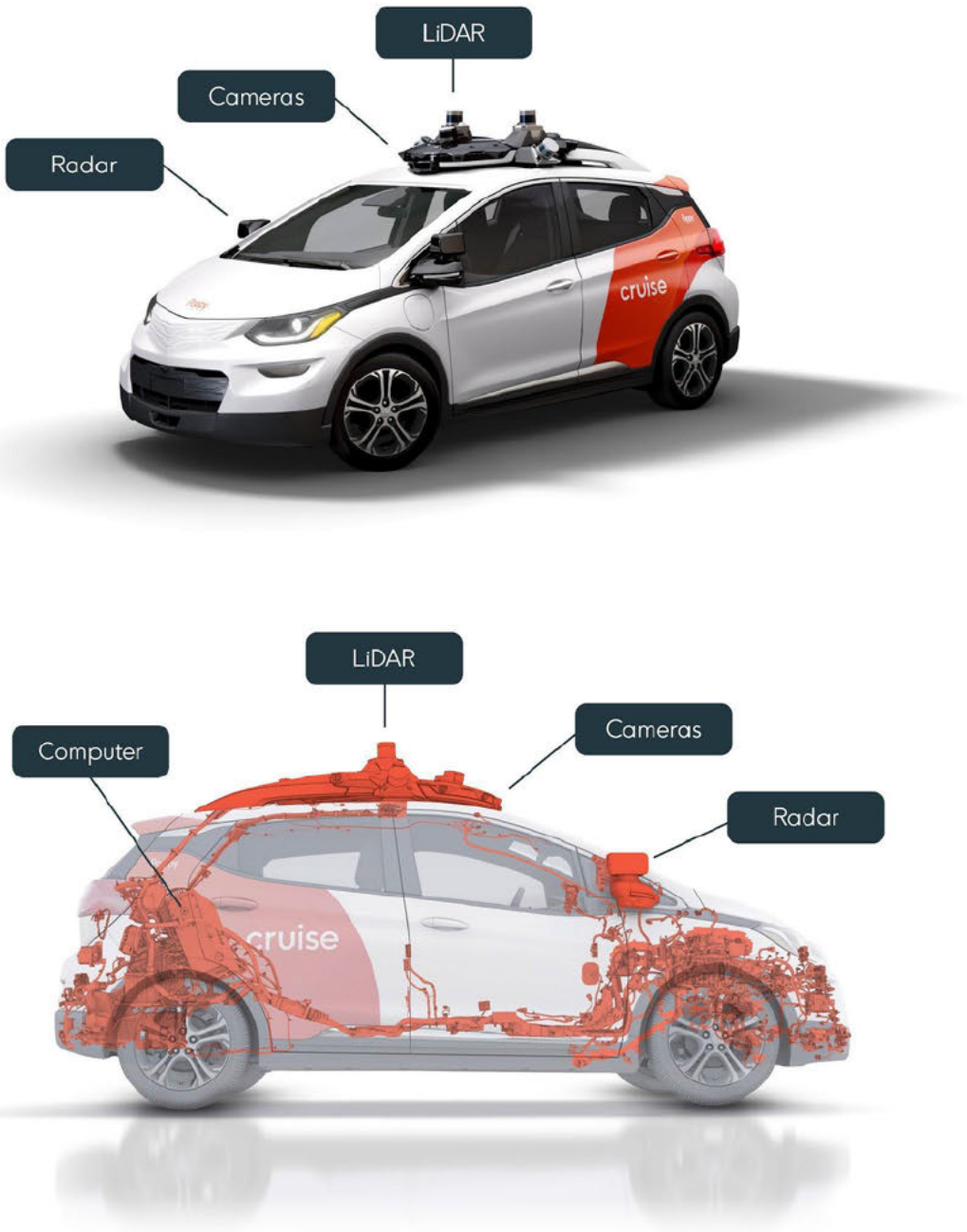
Each Cruise A110 AV can be distinguished by orange branding on the exterior, and each vehicle has a unique identifier or vehicle name that can be found at the front hood, rear hatch, and right and left rear quarter panels.



Location of the name on each Cruise A110 vehicle.
Some Cruise vehicles have the unique name below the license plate, in lieu of "Self-driver in training" language.

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A hallmark of the Cruise A110 AV is its hardware sensor suite that is visible on the exterior. This array of sensors enables the Cruise A110 AV to gather information about its environment and inform the system's driving decisions. Inside the trunk of the AV is the computer that comprises the "brain" of the system and that rapidly synthesizes information collected by the hardware suite to inform driving behavior through perception (understanding the environment), prediction (evaluating possible safe paths or trajectories for the vehicle given the environment), and controls (the driving maneuver). More information about how the Cruise autonomous system works and is designed to be a safe driver is available in the **Cruise Safety Report** here.



Location of the Cruise hardware sensor suite and computer

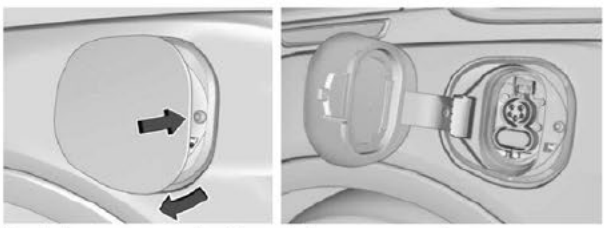
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Inside the Cruise A110 AV

While the Cruise A110 AV is designed to be fully autonomous, public safety officials might encounter the vehicle with Autonomous Vehicle Test Operators (AVTOs) inside. This guide includes information that is relevant whether there are AVTOs inside the vehicle or not.

Vehicle Identification Information

Each Cruise A110 AV is equipped with documentation that includes the vehicle registration, owner information, proof of insurance and any required permit information and can be found inside the charge port door. Location of the charge port door and instructions for how to open it are included below.



Push the rearward edge of charge port door and release to open the door



Location of charge port door on a Cruise A110 AV

Section Two: Communicating with the Cruise Team

The Cruise team brings comprehensive experience from relevant industries, such as transportation, technology, aerospace, defense and public safety. Our response procedures were designed, tested and vetted by former members of highway patrol and military firefighting divisions who applied best practices to ensure we can properly support and interact with law enforcement and first responders.

Contacting Cruise

To reach the appropriate Cruise contact, police officers and first responders should call Cruise's critical response line **888-662-7103**. Cruise's critical response line is staffed by an escalation team that is ready to respond to emergency and non-emergency events and inquiries. To ensure the high availability and resiliency of this phone number, Cruise hosts the critical response line on a verified third party platform that also serves other safety-critical services.

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Once connected with Cruise, first responders will be asked to provide the following information:

- Reason for your call
- Vehicle identification information (vehicle name located at the front hood, rear hatch, or right and left rear quarter panels)
- Geographic location information

In addition to Cruise's critical response line, each Cruise A110 AV is equipped with a two-way communications link inside the vehicle that can be used to directly connect with the appropriate remote team member depending on the situation. The communications link appears as two buttons (red SOS for emergency and blue for general inquiries) above the front and rear seats inside the vehicles.



However, to ensure the best support possible, we advise that public safety officials call the Cruise critical response line at **888-662-7103** rather than using in-car buttons designed for occupants.

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Cruise Incident Experts

When police officers and first responders call the Cruise critical response line, they have the option to connect with Cruise team members who are specially trained to actively monitor signals from the AV that indicate it may need assistance and can assist with technical issues related to the vehicle in non-emergency and emergency situations. For example, this team can facilitate unlocking the vehicle, confirm operating status, disengage the Cruise A110 AV from autonomous driving mode and ensure that it remains in a safe, stationary position. Specialized experts are also trained to communicate with passengers and third parties during emergency situations.

Law enforcement and first responders can contact Cruise Incident Experts by calling Cruise's critical response line: **888-662-7103**.

OnStar Emergency Assistance

Every Cruise A110 AV is also equipped with OnStar functionality. For more than 20 years, OnStar has offered peace of mind with the push of a button, and inside the Cruise A110 AV, there is a red SOS button that enables a two-way communication link that connects to an OnStar Emergency Advisor.

OnStar Emergency Advisors are available 24/7 to respond to medical emergency scenarios and can provide information to first responders before they arrive on the scene of an emergency. In addition, the Automatic Crash Response service can connect a trained Emergency Advisor to the Cruise A110 AV even in the event of an incident where an occupant may be unable to press the physical OnStar button.

Section Three: Incidents & Emergency Scenarios

The Cruise A110 AV is designed to be capable of identifying and responding to emergency and law enforcement vehicles, including having the capacity to safely yield to an emergency vehicle with lights and sirens activated. The Cruise A110 AV is designed to and can identify emergency vehicles and their multitude of lights and sirens even in situations with limited visibility, such as through fog or over hills, or in situations that do not follow traditional protocol, such as when an emergency vehicle travels the wrong way down a one-way road.

In this section, we provide guidance for first responders on how to safely interact with the Cruise A110 AV on the scene of an incident or emergency scenario. As a precaution and when circumstances allow, we ask responders to call Cruise's critical response line **888-662-7103** to reach Cruise teams before interacting with the vehicle and for additional information and support.

Responding to Non-Emergency Incidents

For a non-emergency event or incident, please call Cruise's critical response line **888-662-7103** where you will have the option to connect with a Cruise team member. The Cruise monitors the AV fleet at all times, and Cruise

team members are available for relevant questions during driverless testing and can escalate in emergency situations. Please contact them before approaching and interacting with the Cruise A110 AV.

As mentioned above, the Cruise A110 AV is designed to be capable of identifying and responding to law enforcement vehicles. In the event of a law enforcement traffic stop, the Cruise A110 AV is designed to detect law enforcement lights and sirens. If the Cruise A110 AV detects the lights and sirens while it is moving, the Cruise A110 AV may continue motion in order to search for a safe stopping location and perform an out of lane pulover maneuver. If the Cruise A110 AV detects the lights and sirens while it is not moving, the Cruise A110 AV will attempt to move out of lane, to the extent possible due to traffic conditions, and will stop. In both situations, once the Cruise A110 AV has stopped, a Cruise team member will be connected and the Cruise A110 AV will disengage from autonomous mode to manual mode. The Cruise team member will remain connected to further assist or the law enforcement officer can call Cruise's critical response line at **888-662-7103** in the event that the Cruise team is not already connected. Once the Cruise A110 AV has been disengaged from autonomous mode, the Cruise A110 AV will not move until Cruise is on scene to retrieve the vehicle. For more information on moving the Cruise A110 AV, please refer to the Safety Moving the AV, Towing, and Pushing sections below.

Responding to an Emergency

OnStar Emergency Advisors are available 24/7 to receive emergency calls from the Cruise A110 AV - either by pressing the emergency red SOS button two way communications link inside the AV or automatically through the Automatic Crash Response system. In addition, Cruise team members monitor the fleet in real time and will immediately identify an emergency scenario should one occur.

In the event of an emergency, the OnStar Emergency Advisor will assess the situation and then inform the appropriate public-safety access point (PSAP) that the situation involves an AV, identify whether the car is or isn't parked and provide the case and callback number. The OnStar Emergency Advisor then informs 911 call takers and first responders about the AV incident including an analysis of the crash severity and if there is an AVTO present in the vehicle.

Upon arriving at the scene, we recommend that first responders contact Cruise's critical response line by calling **888-662-7103** when possible before approaching or interacting with the Cruise A110 AV.

Approaching the AV - When a Cruise Representative is Present

It is a priority in our training program to educate our team how they should respond to a range of potential incidents, from a flat tire, to another vehicle bumping into the Cruise A110 AV or more severe potential situations. They are instructed on how to interact with first responders. If an emergency arises and Cruise representatives are present, the representative may be able to assist with the following:

1. Disable self-driving mode and, if possible and needed, relocate the vehicle to a safe location
2. Ensure the vehicle remains immobilized
3. Provide vehicle registration, insurance, and his/her driver's license upon request
4. Give instructions for towing, if required

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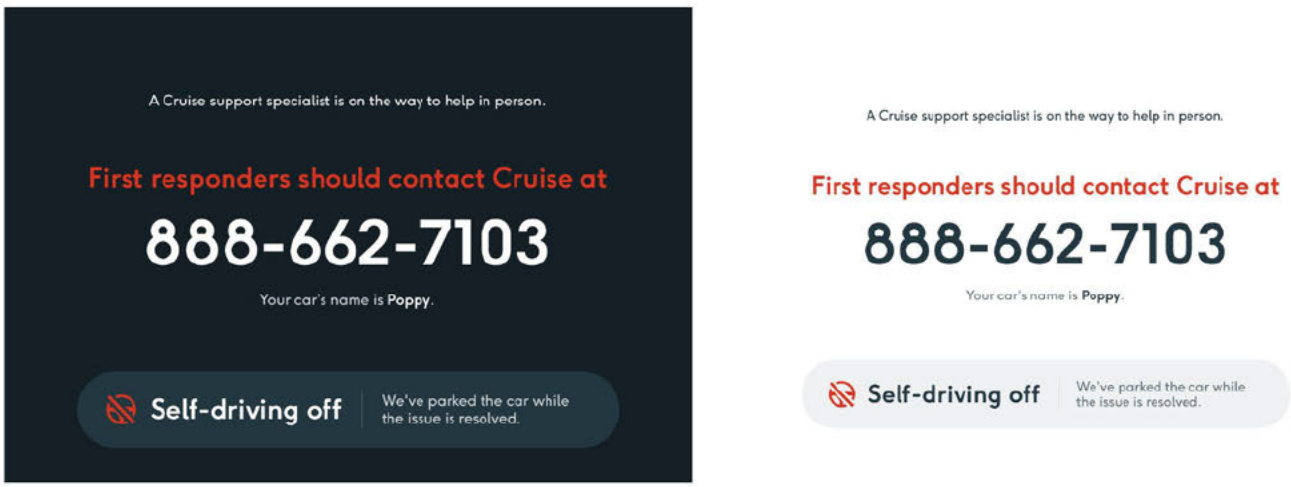
Approaching the AV - When a Cruise Representative is Not Present

If an incident or emergency arises and a Cruise team member is not present or not able to serve as a resource, first responders should:

1. Call the number **888-662-7103** to be connected to the Cruise Incident Expert and follow the verbal instructions from the Advisor on how to approach the Cruise A110 AV from the rear or side, rather than the front
2. Receive information from the Cruise Incident Expert pertaining to current status of AV
3. Continue to follow instruction from the Cruise Incident Expert on how to safely interact with the Cruise A110 AV as necessary

Determining Autonomous Mode

After being connected with the Cruise team and approaching the Cruise A110 AV from the rear or side, the law enforcement official or first responder can also determine whether the vehicle is in autonomous mode or manual mode by looking at the tablet in the center of the car's front panel. The tablet in the front center console should be displaying an information screen, showing that the vehicle is not in autonomous mode and directing first responders to contact Cruise. Cruise can confirm this information.



Images of the types of information shown on Cruise A110 AV display screens in first responder situations. Specific language and design aspects are subject to change.

Disengaging to Manual Mode

Our Incident Experts are always available during testing to support first responders and safely guide them through the disengagement process. Please contact them before attempting to move the vehicle.

Confirming Manual Mode

The Cruise team will confirm that the vehicle is in manual mode. In addition, the tablet in the center of the car's front panel should depict a white circle icon of the AV if operational in manual mode.

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Safely Moving the AV

Once autonomous mode has been disabled, the Cruise A110 AV can manually be placed into park or neutral. Cruise will initiate vehicle retrieval when required and if a Cruise team member is on-site, they will provide specific towing instructions. In exigent circumstances, first responders can use the following information to move the vehicle.

Towing

First responders should call Cruise's critical response line **888-662-7103** and Cruise will initiate vehicle retrieval. Cruise representatives will be dispatched in the event of a disabled AV and will facilitate AV retrieval, including towing if required. If needed, via contact information provided in the Law Enforcement Interaction Plan, Cruise can remotely instruct emergency responders on interaction with the AV. In exigent circumstances, the Cruise A110 AV can be towed on a flatbed using standard wheel dollies on rear wheels via the same process that would be used to tow an immobilized Chevy Bolt.

Pushing

First responders should call Cruise's critical response line **888-662-7103** and Cruise will initiate vehicle retrieval. In exigent circumstances, the Cruise team can facilitate unlocking of doors, disengage the Cruise A110 AV, and confirm that the vehicle is in manual mode. Once in manual, the Cruise A110 AV can be shifted into neutral and pushed like any other vehicle.

Providing Emergency Assistance for Electric Vehicles

Cruise is proud that all of our AVs are all-electric and operate on the Chevrolet Bolt EV platform. GM has conducted nationwide safety tours that included talking to the National Fire Protection Agency, the International Association of Fire Fighters, the International Association of Fire Chiefs, the Association of Public-Safety Communications Officials, fire chiefs, police chiefs and 911 call centers. GM also trained over 15,000 people across the nation on safety protocols related to the base vehicle.

There are a few specific safety instructions that first responders should know when responding to a situation involving an EV; however, all standard operating procedures (size-up, approach, immobilize, extinguish) for first responders still apply. There are no increased risks if the vehicle is on fire or immersed in water.

More information can be found at GM First Responder Guides and the Electric Vehicle Safety for Emergency Responders Online Training.

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High Voltage and Airbag Disconnect Procedures

To disconnect the high voltage battery and airbags, open the hood and follow the Cruise A110 AV First Responder Quick Reference Guide.

First Responder (FR) High Voltage & Airbag Disconnect Procedure

Do not cut any orange high voltage cables

1 **FR standard operating procedure**
Size-up, approach, immobilize, extinguish



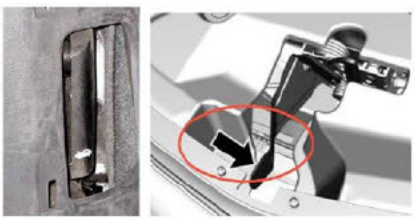
Field scenario
There is NO increased risk to first responder if vehicle is:
- On fire
- Immersed in water

2 **Turn vehicle off**
Push Start/Stop button - gauges turn off



Preferred disconnect procedure

3 **Open hood to access labeled 12V cut location**
- Pull interior release lever
- Secondary release lever under front center of hood



4 **Cut and remove section of 12V cable covered with a first responder label**
Driver side of engine compartment



Backup disconnect procedure

3 **Open hood to access 12V ground wire, cut, and remove section of ground wire**
Driver side of engine compartment



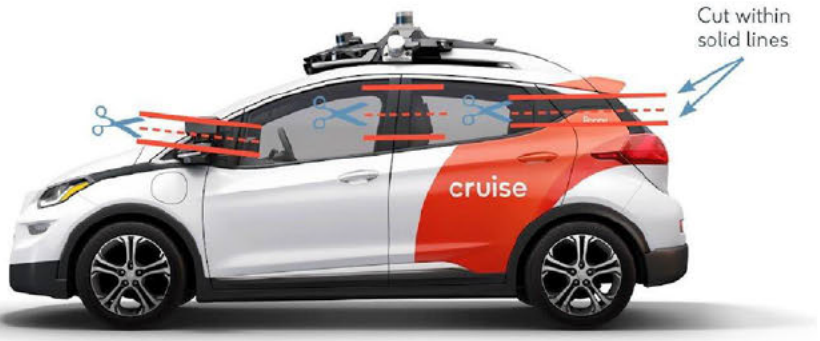
4 **Open rear hatch to access 12V ground wire, cut, and remove section of ground wire**
Passenger side of rear compartment



Emergency extrication cut points

Note: Removal of articulating radars (in location of side-view mirrors) may be required to improve A-pillar access.

Caution: Use caution with removal of roof, center of gravity, and weight are impacted by autonomous vehicle-specific sensors.



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Section Four: Frequently Asked Questions - one-page PDF version

Will contact information be available in each vehicle?

Each Cruise A110 AV is equipped with the vehicle registration, owner information, proof of insurance and other documents such as the AV testing permit, accident guide and additional towing information.

Will there be a 24-hour policy contact line?

Yes. Law enforcement officers and first responders can reach Cruise by calling our critical response line: **888-662-7103**. This line is staffed by Cruise team members to handle general inquiries, incidents, and emergencies. It is also the best line of communication to reach Cruise's remote team before interacting with the AV.

If there is an emergency on-board the vehicle, can the vehicle notify the police or medical rescue remotely?

Yes. Each Cruise A110 AV is equipped with OnStar emergency services. Through its Automatic Crash Response service, OnStar can connect a trained Emergency Advisor to the AV.

Does the vehicle have additional safety shutdown procedures to make sure the vehicle doesn't drive itself away while first responders are on the scene?

If the Cruise A110 AV detects an incident, it will achieve a minimal risk condition and come to a stop. In addition, Cruise monitors the AV fleet at all times during testing and can confirm the mode of the Cruise A110 AV and disengage it into manual mode. Please call Cruise's critical response line to speak to the Cruise team before approaching or interacting with the AV.

How can first responders gain access to the interior if it is locked?

The Cruise team can facilitate first responders gaining access to the interior of the Cruise A110 AV. Please call them at **888-662-7103**.

What is the stolen vehicle protocol?

Cruise's team is specially trained to monitor the AV fleet in real time, at all times and can work with OnStar to resolve any situation of unauthorized use.

If officials have questions about any Cruise A110 AV, please contact Cruise's critical response line: **888-662-7103**.

How do you confirm that the vehicle is in manual mode?

Our team can confirm the mode of the vehicle and can disengage the vehicle from autonomous mode to manual mode remotely.

To determine whether a Cruise A110 AV is in autonomous mode or manual mode, public safety officials can look at the tablet in the center of the car's front panel. If autonomous mode is engaged, the icon in the upper left will be filled as green or blue. If autonomous mode is disengaged and the vehicle is in manual mode, the icon in the upper left will appear as red.

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Are there additional power lines or cables we need to be concerned with like in hybrids or EVs that may present a safety issue when cutting into the vehicle?

All high voltage cables are indicated by an orange color and are also found in the First Responder High Voltage & Airbag Disconnect Procedure.

Are there additional power sources for the vehicle computer and electronics beyond the standard vehicle battery system?

In addition to the high voltage battery, two 12V lithium ion batteries power the AV. Cutting the cut point as indicated in the First Responder High Voltage & Airbag Disconnect Procedure will disconnect power to the airbags and open the high voltage contactors.

Are there any flammable liquids that must be accounted for?

The AV poses no unique flammability concerns. Copious amounts of water should be used to help cool and extinguish in case of battery fire.

Where is the vehicle's HV battery, how many volts does it have, and should it be shut off?

The HV battery is located in the center of the vehicle, under the passenger compartment as indicated in the First Responder High Voltage & Airbag Disconnect Procedure. Battery voltage is 350V. Performing the HV disable steps described in the First Responder High Voltage & Airbag Disconnect Procedure will turn off high voltage outside the battery. Regardless, orange cables should be treated as if they are powered - do not cut.

How are the vehicle's sensors impacted by weather?

The Cruise A110 AV is designed and built to properly recognize and respond to changing weather conditions. When the Cruise A110 AV detects rapid or abnormal changes in weather conditions, it may adjust how it operates to accommodate the weather and how other road users are behaving, such as when traffic slows in light rain.

The Cruise A110 AV also does not operate outside of set environments and conditions - our operational design domain (ODD), which means that the Cruise A110 AV will not drive in weather that falls outside of the ODD. Our Remote Assistance Advisors monitor the fleet at all times to help ensure each Cruise A110 AV remains within our ODD.

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