

LABOR RELATIONS



June 4, 2024

RECEIVED
JUN 06 2024

Mr. Ivan Butts
President
National Association of Postal Supervisors
1727 King Street, Suite 400
Alexandria, VA 22314-2753

Dear Ivan:

This is in reference to the September 18, 2016, notice of the announcement of the contract award for fifty vehicle prototypes which were tested as part of the research and development phase of the Next Generation Delivery Vehicle (NGDV) acquisition process.

Phase 1 and 2 of the First Article Test (FAT) process is completed and in preparation for the NGDV deployment the Occupation Safety and Health office has developed field training materials to include:

- NGDV Driver Safety Instructor Guide information
- NGDV Battery Electric Vehicle (BEV) & Internal Combustion Engine (ICE) Vehicle Familiarization

These safety training materials have been issued to the Georgia District in preparation for delivery of two NGDV vehicles at the Athens, GA Post Office in June.

Enclosed is a copy of the *NGDV Driver Safety Instructor Guide*, *NGDV BEV & ICE Vehicle Familiarization* document and the preliminary locations for deployment of the BEV and ICE NGDV vehicles.

Please contact Bruce Nicholson at extension 7773 if you have any questions concerning this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read "James Lloyd".

James Lloyd
Director
Labor Relations Contact Administration (NALC)

Enclosures

NGDV Locked Vehicle Delivery Location: Through September 2024

VMF Name	Address	City	State	Zip	Vehicle Quantities														
					Jun-24			Jul-24			Aug-24			Sep-24					
					NGDV ICE	NGDV AWD	NGDV BEV	NGDV ICE	NGDV AWD	NGDV BEV	NGDV ICE	NGDV AWD	NGDV BEV	NGDV ICE	NGDV AWD	NGDV BEV			
302 - ATHENS AUX-OF NORTH METRO	575 OLYMPIC DR	ATHENS	GA	306019993	16	0	0	3	0	0	0	0	0	0	0	0	0	0	
307 - ATLANTA (BMCI) AUX-OF ATLANTA	1800 JAMES JACKSON PKWY NW	ATLANTA	GA	303660001	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
479 - LAFAYETTE AUX-OF INDIANAPOLIS	3450 SOUTH ST	LAFAYETTE	IN	479053700	0	0	0	11	0	0	0	1	0	0	0	0	0	0	
767 - WACO AUX-OF FORT WORTH	430 W STATE HIGHWAY 6	WACO	TX	767029304	0	0	0	0	0	0	0	9	0	0	0	0	0	0	
993 - PASCAGO AUX-OF SPOKANE	3500 W COURT ST	PASCAGO	WA	993019998	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
177 - WILLIAMSPORT AUX-OF HARRISBURG	2901 REACH RD	WILLIAMSP	PA	177019998	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
324 - PANAMA CITY AUX-OF PENSACOLA	1315 W 17TH ST	PANAMA CI	FL	324059707	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
778 - HOUSTON (BEAR CREEK) VMF	16015 CARINWAY DR	HOUSTON	TX	770849995	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0

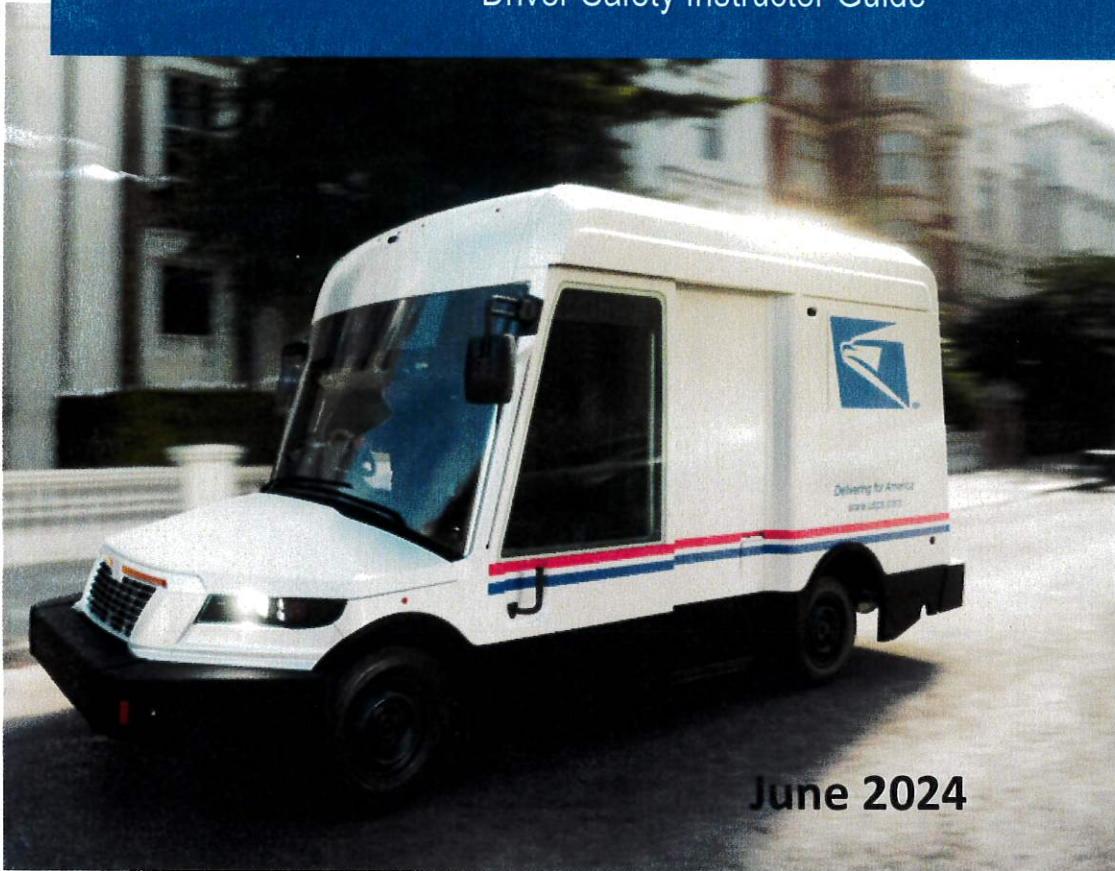


Occupational Safety & Health



NGDV

Driver Safety Instructor Guide



June 2024

NOTE: The information in this guide is intended for instructional purposes only.



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OVERVIEW

As part of the Delivering for America (DFA), 10-year strategic plan to modernize and revitalize the Postal Service. The Next Generation Delivery Vehicle (NGDV) is designed to provide the safest, most reliable delivery of mail through engineering that is focused on performance, fuel efficiency, safety features, ergonomics, and more.

NGDV DRIVING PRIVILEGES

It is the expectation that employees that have been right hand drive certified (LLV) will receive Special Emphasis Vehicle Orientation for the NGDV as outlined in the EL804.

Training Outline

The (NGDV) is a right-hand delivery vehicle that will begin to be deployed during FY 2024. It is available as an Internal Combustion Engine (ICE) and Battery Electric Vehicle (BEV) model. Both models available in front-wheel (FWD) or all-wheel drive (AWD). Many features are the same regardless of the model.

NGDV Specifications:

Next Generation Delivery Van	
Overall Length (bumper to bumper)	235.75 inches (19 feet 64 inches)
Height of Vehicle	111 inches (9 feet 2 inches)
Width of Vehicle	84.5 inches (7 feet .04 inches)
Wheelbase	127 inches (10 feet 58 inches)

To be an authorized operator of the NGDV (ICE or BEV), employees must qualify on each step as outlined below:

1. Vehicle familiarization: .75 hrs.
Internal Combustion Engine or Battery Electric Vehicle – With emphasis on the height of the vehicle. Information on charging will be included in the BEV familiarization.
2. Delivery Skills Course: Minimum of 3.0 hrs. up to 3.5 hrs.
The time on the Delivery Skills course is based on the DSI's opinion as to whether the student can proficiently execute necessary skills to safely drive the NGDV. This training will consist of in-line backing and off-set backing, alley dock backing both sight side and blind side, and parallel parking. Each employee must successfully complete each station within the recommended time and with emphasis on backing with mirrors and back up camera.
3. Street Drive: .75 hrs.



The street drive will consist of the following: lane changes, left turns, right turns, in-lane handling, parking, and backing.

Once each employee has satisfactorily completed the above tasks, they will be given authorization for the NGDV (ICE or BEV).

The PS Form 2432 or 2548 will be filled out and signed by the DSI or Ad-Hoc DSI, with a copy sent to the employee's assigned office to be placed in their training file. The DSI will retain a copy and input the training into HERO.

HERO Course:

Special Emphasis Driving Privileges - NGDV (Express)

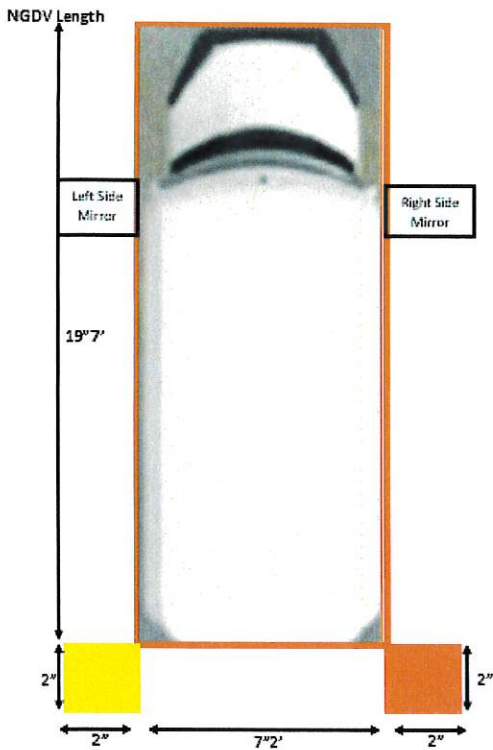
VEHICLE FAMILIARIZATION

The NGDV operators/owner's manual and NGDV familiarization power point for DSI's will be provided and posted in the SHMT Library>Motor Vehicle Safety>DSI Guidance.

MIRROR STATION

A NGDV mirror station has been developed to accommodate the vehicles larger measurements. This can be used as a stand-alone or it can be overlaid onto an existing mirror station. The NGDV MAS is 22 feet long and 11.2 feet wide. An NGDV is 19.64 feet long and 17.04 feet wide. At this station both two-part mirrors will be properly adjusted so the driver can see the right and left sides of the vehicle using the flat mirrors and the rear bumpers using the convex mirrors.

NGDV Mirror Adjustment Station



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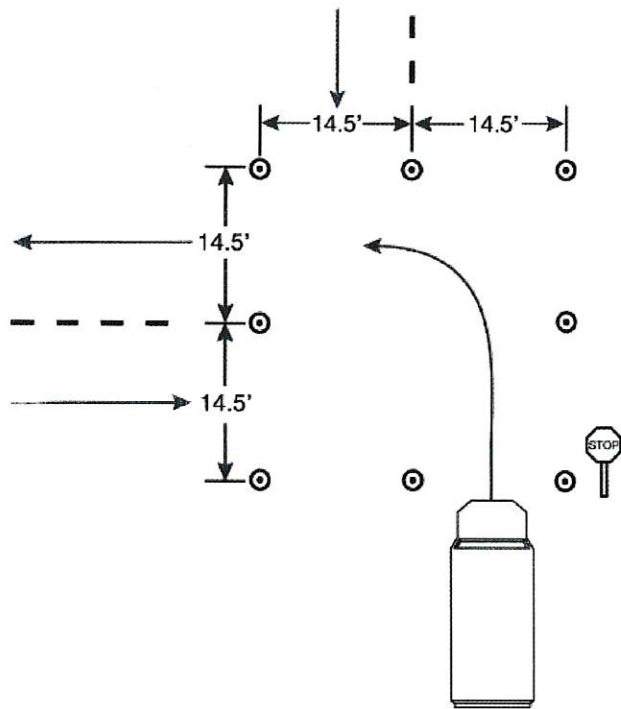


NGDV
Occupational Safety & Health

DELIVERY SKILLS COURSE

To accommodate the NGDV, several of the station sizes will need to be enlarged.

Intersection Station Task 1



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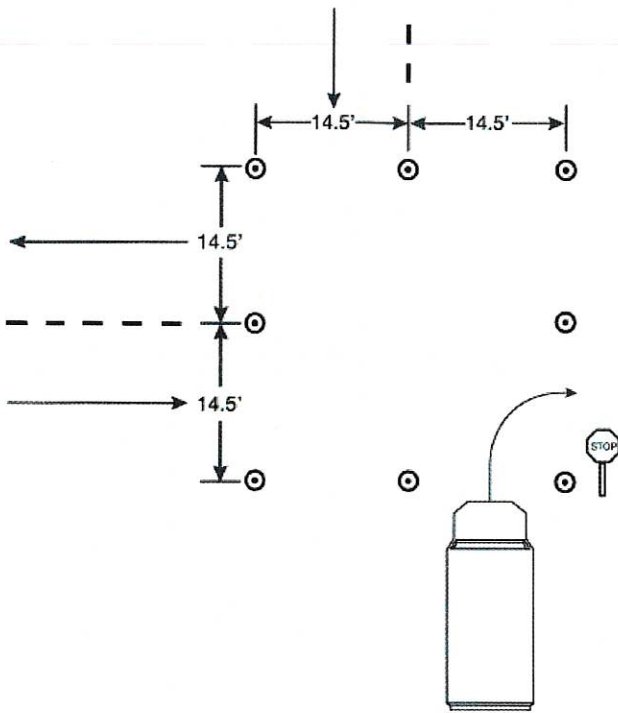
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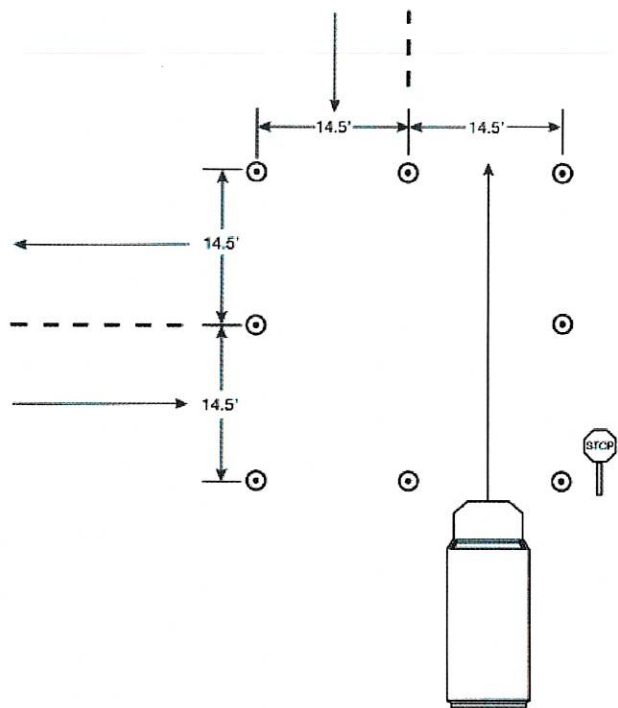
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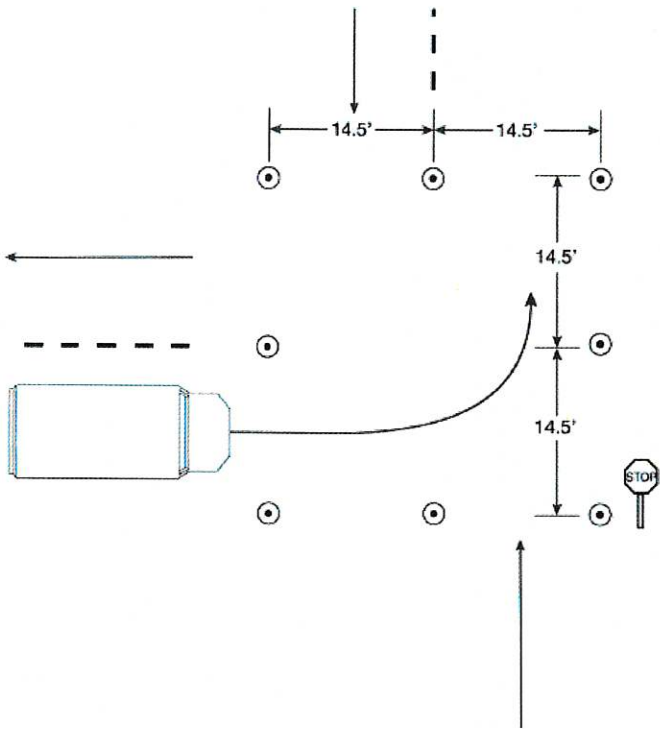
Intersection Station Task 2



Intersection Station Task 3

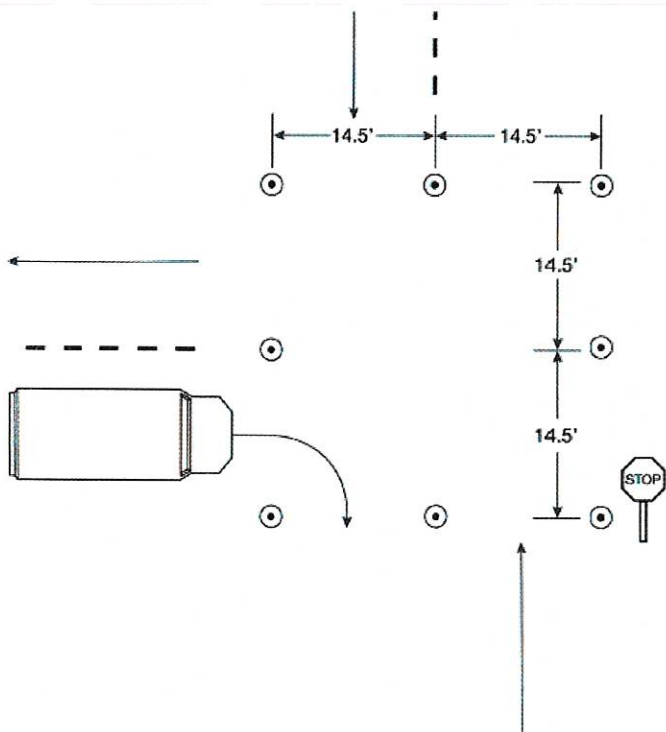


Intersection Station Task 5



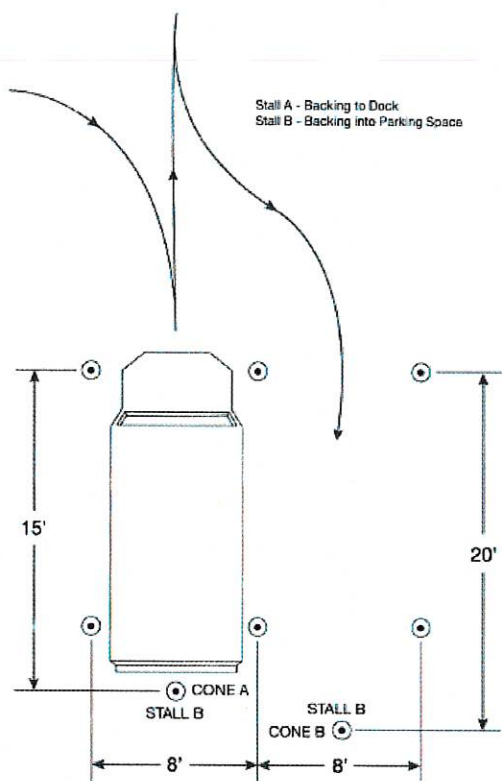


Intersection Station Task 6



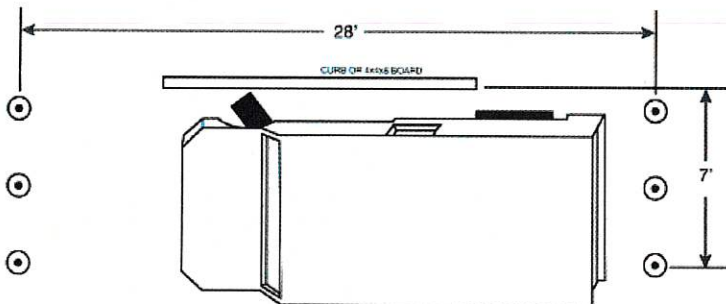


Offset Backing Station





Parallel Parking Station



CONTROLLED DRIVE – STREET

Street-drive training includes practicing maneuvers in situations:

- a. Similar to those experienced on the skills course.
- b. Encountered on the street, such as changing lanes, in-lane driving, and maintaining following distances.

DSIs are expected to provide instruction, feedback, and guidance during the street drive.

DSIs may terminate the street practice drive when appropriate.

SUPPORT

For additional questions or concerns contact your servicing field Safety Manager.

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NGDV BEV & ICE

Vehicle Familiarization



NGDV Familiarization

- **NGDV Characteristics, Capabilities, and Performance**

- Vehicle Familiarization Exterior
- Vehicle Familiarization Interior



NGDV Characteristics, Capabilities, and Performance

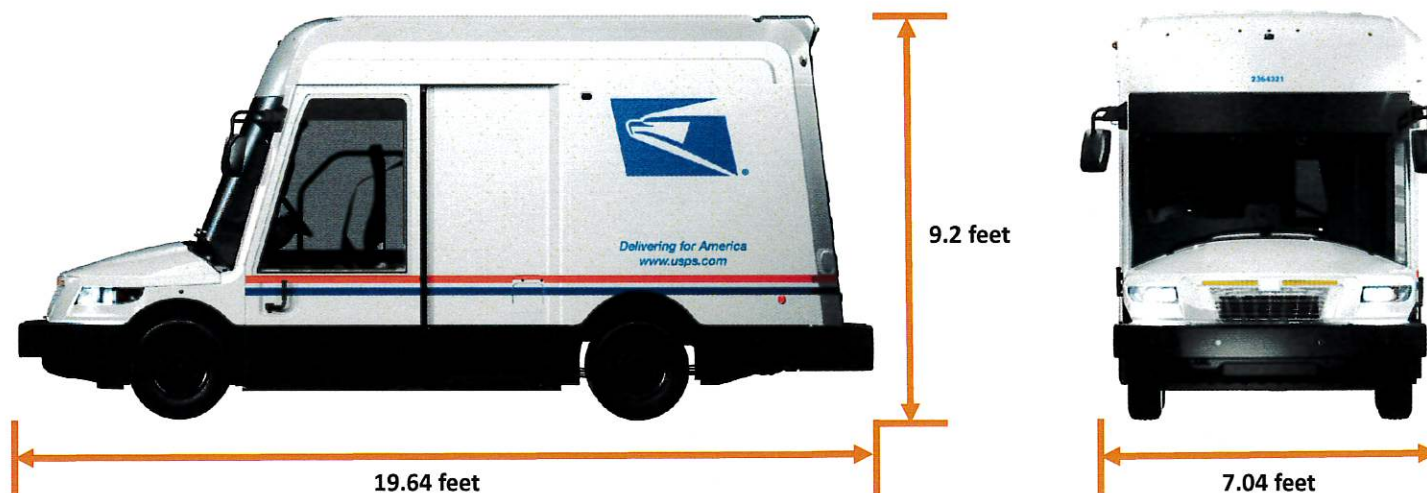
- **Variants**

- The Next Generation Delivery Vehicle (NGDV) is designed to provide the safest, most reliable delivery of mail through engineering that is focused on performance, fuel efficiency, safety features, ergonomics, and more.
- There are four variants available:
 - Internal Combustion Engine (ICE) model in front-wheel (FWD) or all-wheel drive (AWD).
 - Battery Electric Vehicle (BEV) model in FWD or AWD.
- Many features are the same regardless of the model; however.

NGDV Characteristics, Capabilities, and Performance

Exterior dimensions

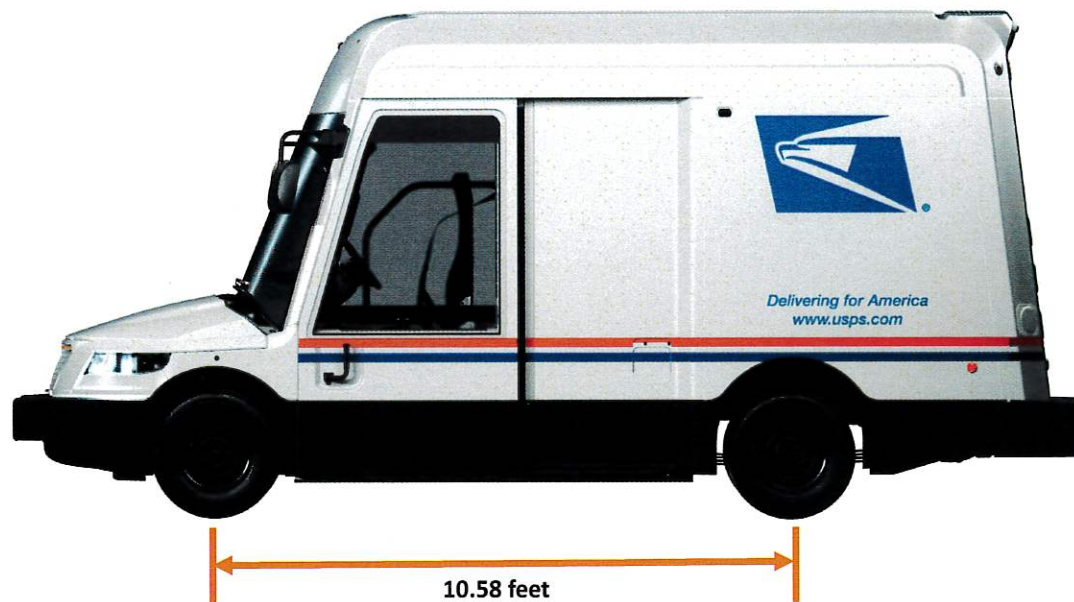
- The NGDV is 19.64 feet (235.75 in.) in length (bumper to bumper). It has a height of 9.2 feet (111 in.) and width of 7.04 feet (84.5 in).



NGDV Characteristics, Capabilities, and Performance

Wheelbase dimensions

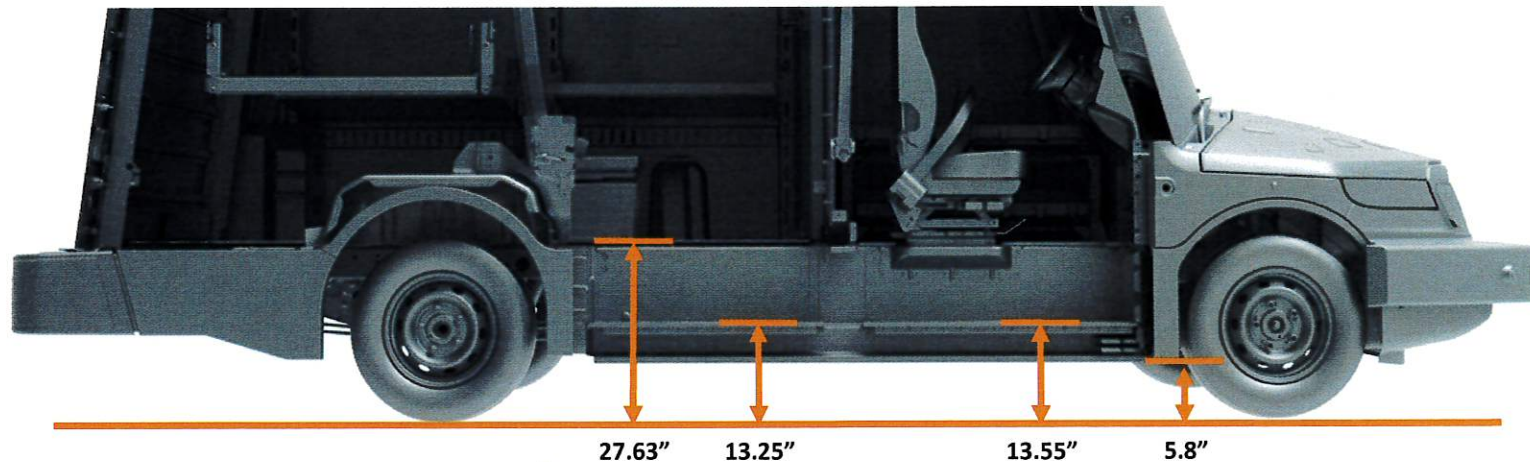
- The NGDV has a wheelbase of 10.58 feet (127 inches).



NGDV Characteristics, Capabilities, and Performance

Clearance dimensions

- The NGDV has a ground clearance (at GVWR) of 5.8 inches.
- The driver door-step height from the ground is 13.55 inches.
- The step height of the side cargo door from ground is 13.25 inches.
- The distance from floor to ground (at curb weight) is 27.63 inches.



NGDV Characteristics, Capabilities, and Performance

Cargo dimensions

- The NGDV features a large cargo area, with 51 sq. ft of usable cargo floor.



NGDV Characteristics, Capabilities, and Performance

Weight ratings

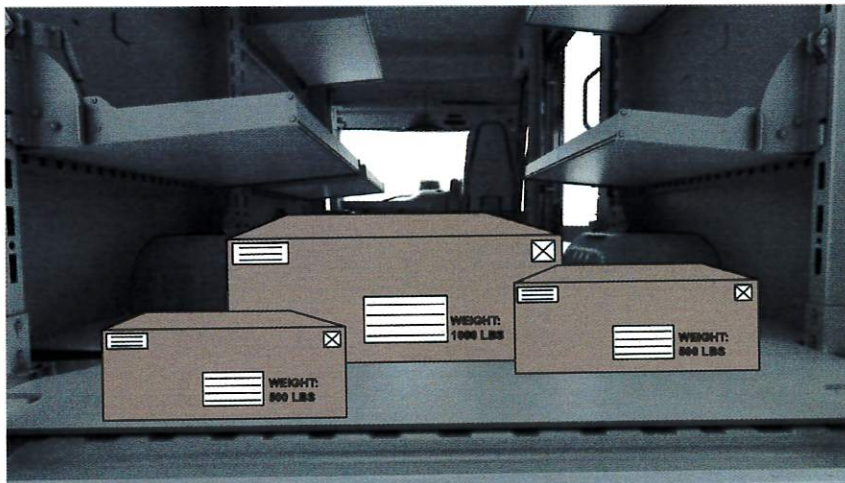
- The NGDV ICE has a Gross Vehicle Weight Rating of 8,700 pounds. The vehicle curb weight is 6,501 pounds.
- The NGDV BEV has a Gross Vehicle Weight Rating of 8,700 pounds (FWD) and 9,100 pounds (AWD). The vehicle curb weight is 7,050 pounds.



NGDV Characteristics, Capabilities, and Performance

Specifications for vehicle performance are based on a vehicle fully loaded to the Gross Vehicle Weight Rating (GVWR).

- Payload
 - The cargo carrying capacity is 2,000 lbs.
- Tire load
 - The maximum tire load is 3,195 pounds for front and back each.



Characteristics, Capabilities, and Performance

Acceleration requirements

- The NGDV can go from 0-15 MPH in 5 seconds.
- It can reach 0-50 in 22 seconds.
- It can reach 0-60 in 35 seconds.

– Horsepower

- The NGDV ICE engine is rated at 232 hp and provides 221 lb.-ft torque at 3,000 rpm.

– Range

- NGDV ICE vehicles are estimated to achieve 17.8 mpg with air conditioning and 20.7 mpg without air conditioning.

– Horsepower

- The NGDV BEV has a net electrical horsepower of 70 (kW) Continuous (94 hp mechanical) / 150 (kW) peak (201 hp mechanical).

– Range

- The NGDV BEV is equipped with a battery that when fully charged has a 70-mile range, with an 8-hour maximum charging time when within optimal conditions 32° to 95° F. A Vehicle Range Display located on the dash provides approximate range the vehicle can travel with the current battery power.



0 MPH

15 MPH
5 Sec.

50 MPH
22 Sec.

60 MPH
35 Sec.

NGDV Characteristics, Capabilities, and Performance

Braking

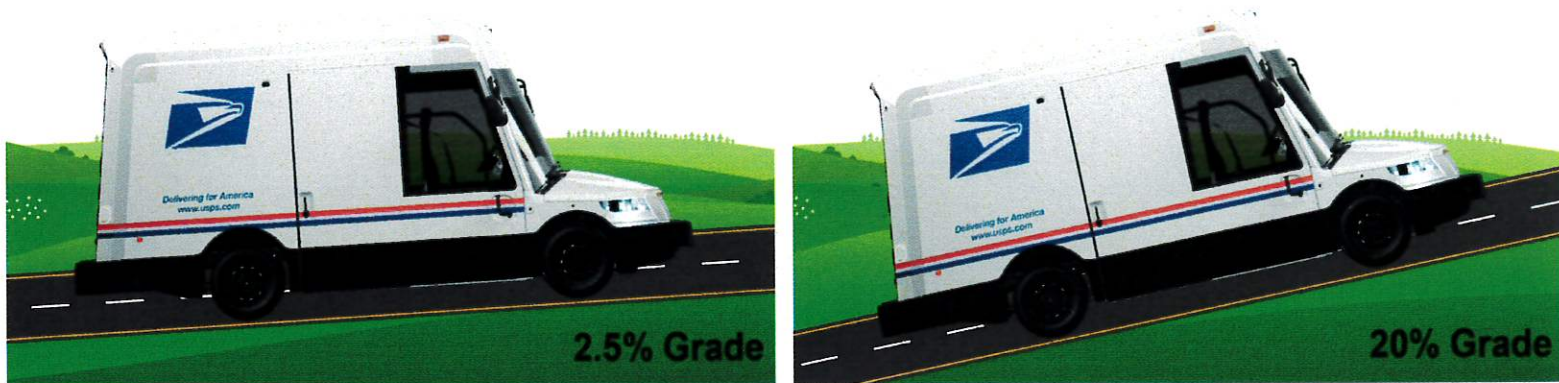
- The NGDV is equipped with an Anti-Lock Braking System.
 - ABS assists the operator during full braking or braking on wet/slippery roads by preventing wheel lock-up.
- The electric parking brake is used to hold the vehicle on slopes and flat roads while the transmission is in the park (P) position.
- Automatic Vehicle Hold (AVH)
 - Applies the brakes to hold the vehicle after it comes to a stop and the brake pedal is released.



NGDV Characteristics, Capabilities, and Performance

Turning radius


- The right and left turning diameters are 44 feet.
- Slope and grade
 - At high speeds (greater than 45 mph), the NGDV can climb a 2.5 percent grade.
 - At low speeds (45 mph or less), the NGDV can climb a grade of 20 percent.



NGDV Characteristics, Capabilities, and Performance

Pre-collision assist

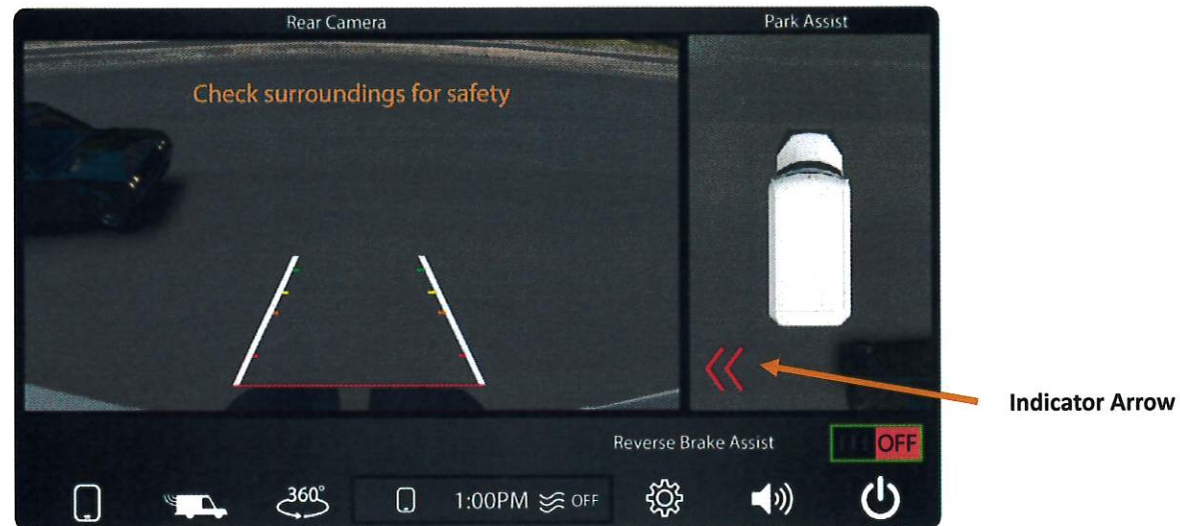
- Detects vehicles, cyclists, or pedestrians ahead of you and warns you of their presence. If you do not respond, the system automatically applies the brakes.
 - Pre-collision assist is active when the vehicle speed is greater than 6 mph.
 - The system provides three levels of functionality.

Level of Functionality	Description
Alert 	<ul style="list-style-type: none">• When activated, a warning lamp flashes and an audible warning sounds.
Brake support	<ul style="list-style-type: none">• The system starts preparing the brakes for rapid braking. If you press the brake pedal, the system could apply additional braking force.
Automatic emergency braking	<ul style="list-style-type: none">• The system is designed to apply the brakes if it detects a crash is imminent. This may help reduce impact or avoid the crash. The system is active at speeds up to 80 mph.

NGDV Characteristics, Capabilities, and Performance

Rear cross traffic alert (RCTA)

- The overhead display alerts the driver when the vehicle is reversing, and a vehicle or pedestrian is approaching from the side.
 - An audible tone sounds, and an indicator arrow appears on the overhead display pointing in the direction of the approaching object.
 - The system is designed to detect vehicles that approach within six feet at a speed between 4 mph and 37 mph.



NGDV Characteristics, Capabilities, and Performance

Side blind zone alert (SBZA)

- There is a visual indicator (LED) whenever there is a vehicle in the blind zone and the NGDV is driving above 3 mph in forward gear.
 - If the driver activates the turn signal in the direction of a vehicle the LED will flash, and an audible alert will sound.

Blind Zone Alert Indicators

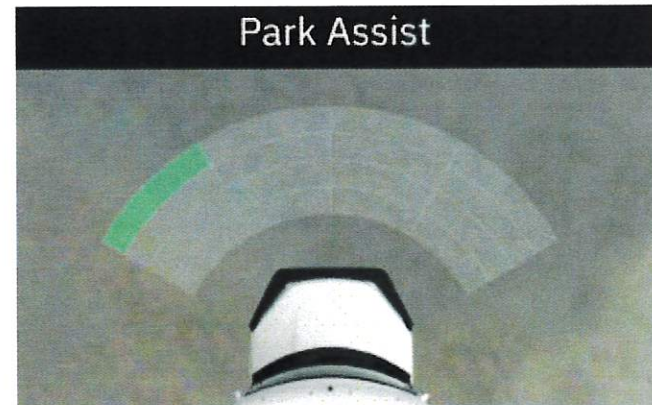
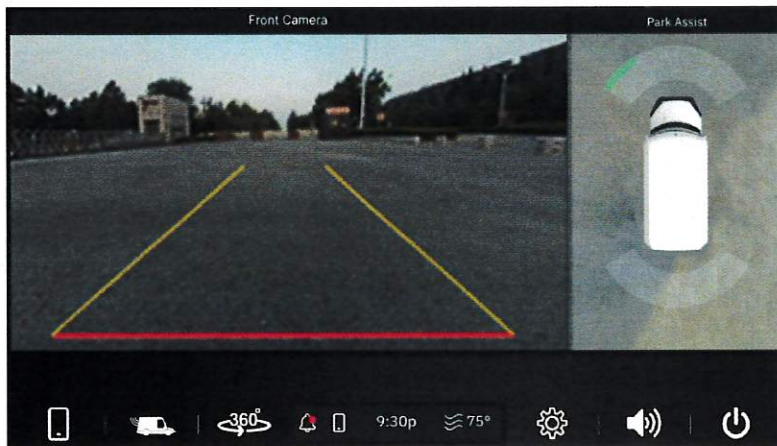


NGDV Characteristics, Capabilities, and Performance

PDC (Park Distance Control): The feature informs the driver about the proximity of objects in front of, behind, or next to the vehicle when near the bumpers.

360 Degree Camera system: Four cameras are used to create a 360° image of the area surrounding the vehicle. The cameras are located:

- The front and rear camera displays have multiple screen options which consist of normal front or rear only view, normal plus 360-view, and front or rear split view.



NGDV Characteristics, Capabilities, and Performance

Reverse camera guidelines

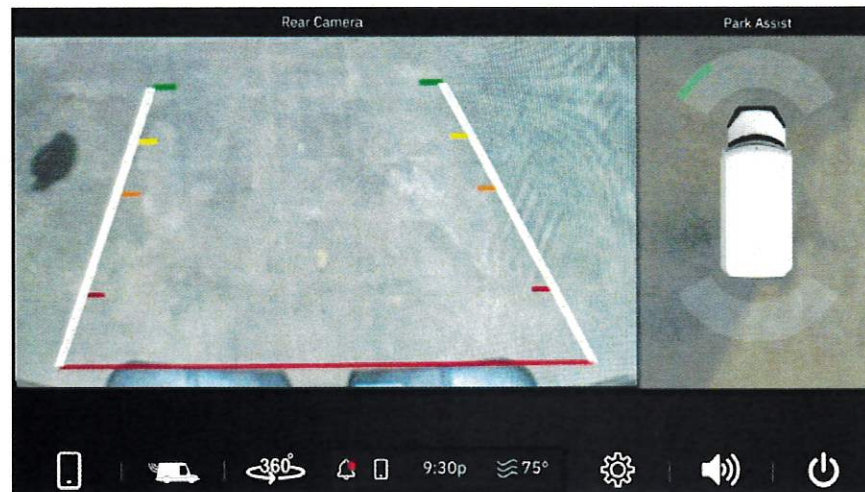
- Available when the vehicle is in reverse (R), guidelines appear in the display, along with the camera view, providing a visual assist with backing operations.
 - Active guidelines: Only display with Fixed Guidelines. They are controlled by turning the steering wheel toward the intended path.



NGDV Characteristics, Capabilities, and Performance

Reverse camera guidelines

- Fixed guideline (Green zone): Shows objects that are eight feet away from the vehicle at any point during backing.
- Fixed guideline (Yellow zone): Shows objects that are five feet away from the vehicle but not yet in the closest zone.
- Fixed guideline (Red zone): Shows objects that are up to one foot from the vehicle.
- Rear bumper: Appears in the camera/guideline zones as a reference point.



NGDV Familiarization

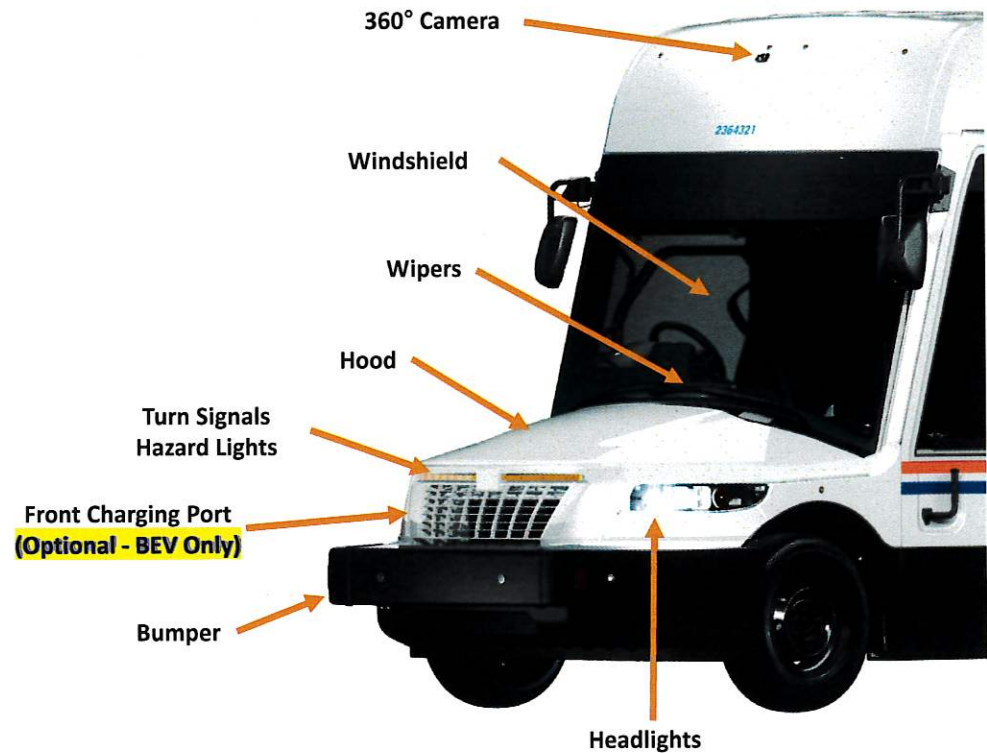
- NGDV Characteristics, Capabilities, and Performance
- **Vehicle Familiarization Exterior**
- Vehicle Familiarization Interior



Vehicle Familiarization Exterior

Front Exterior Components

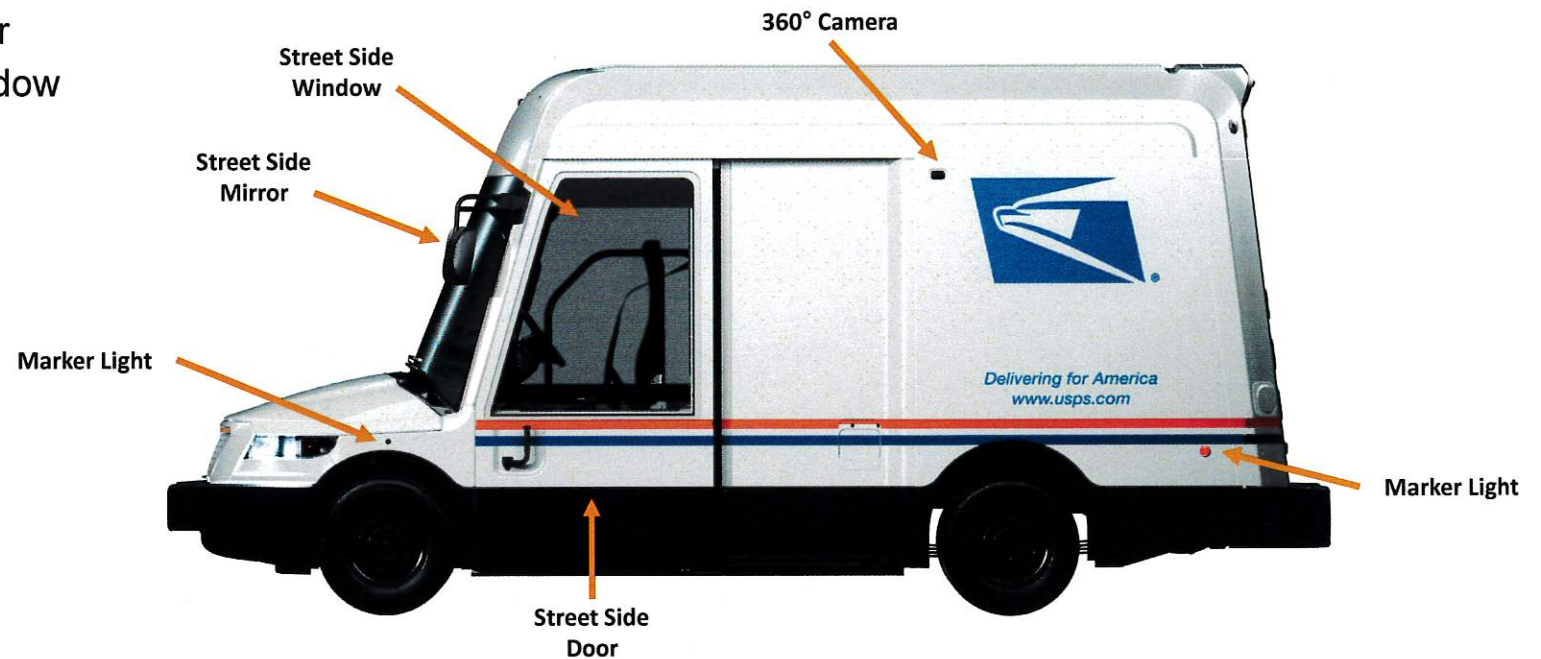
- 360° Camera
- Windshield
- Wipers
- Hood
- Front Lighting
 - Turn Signals
 - Hazard Lights
 - Headlights
- Front Charging Port **(BEV Only)**
- Bumper



Vehicle Familiarization Exterior

Street Side Exterior Components

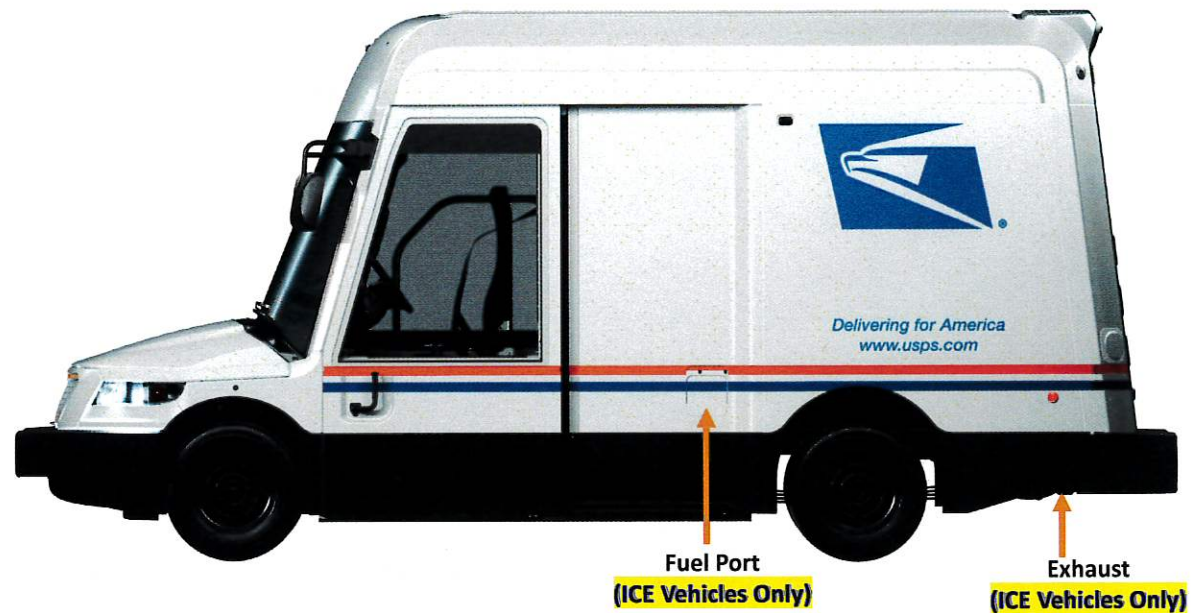
- Marker lights
- Street side mirror
- Street side door
- Street side window
- 360° Camera



Vehicle Familiarization Exterior

Street Side Exterior Components (ICE Vehicles Only)

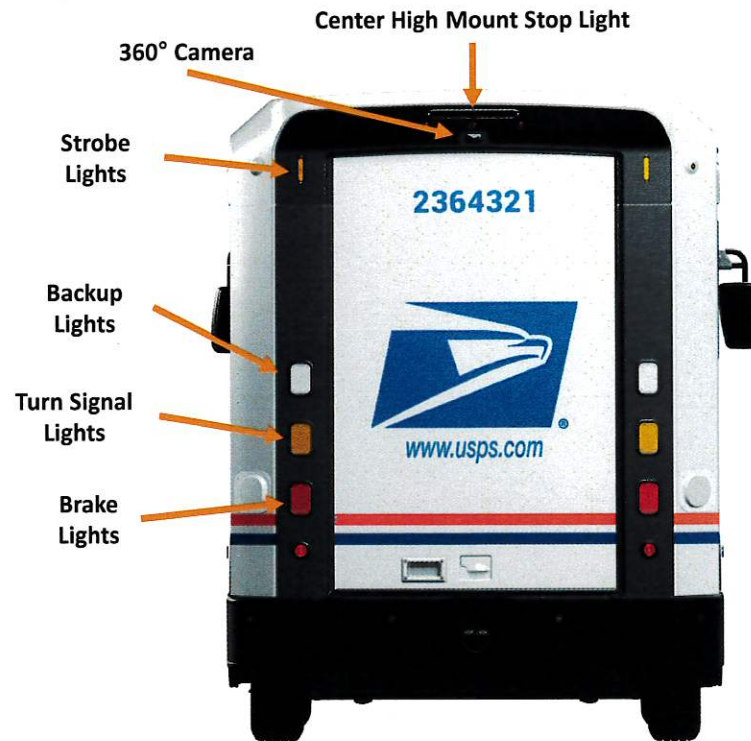
- Fuel port
- Exhaust



Vehicle Familiarization Exterior

Rear Exterior

- 360° camera
- Rear lighting
 - Center high mount stop light (CHMSL)
 - Strobe lights
 - Backup lights
 - Turn signal lights
 - Brake lights



Vehicle Familiarization Exterior

Rear Exterior

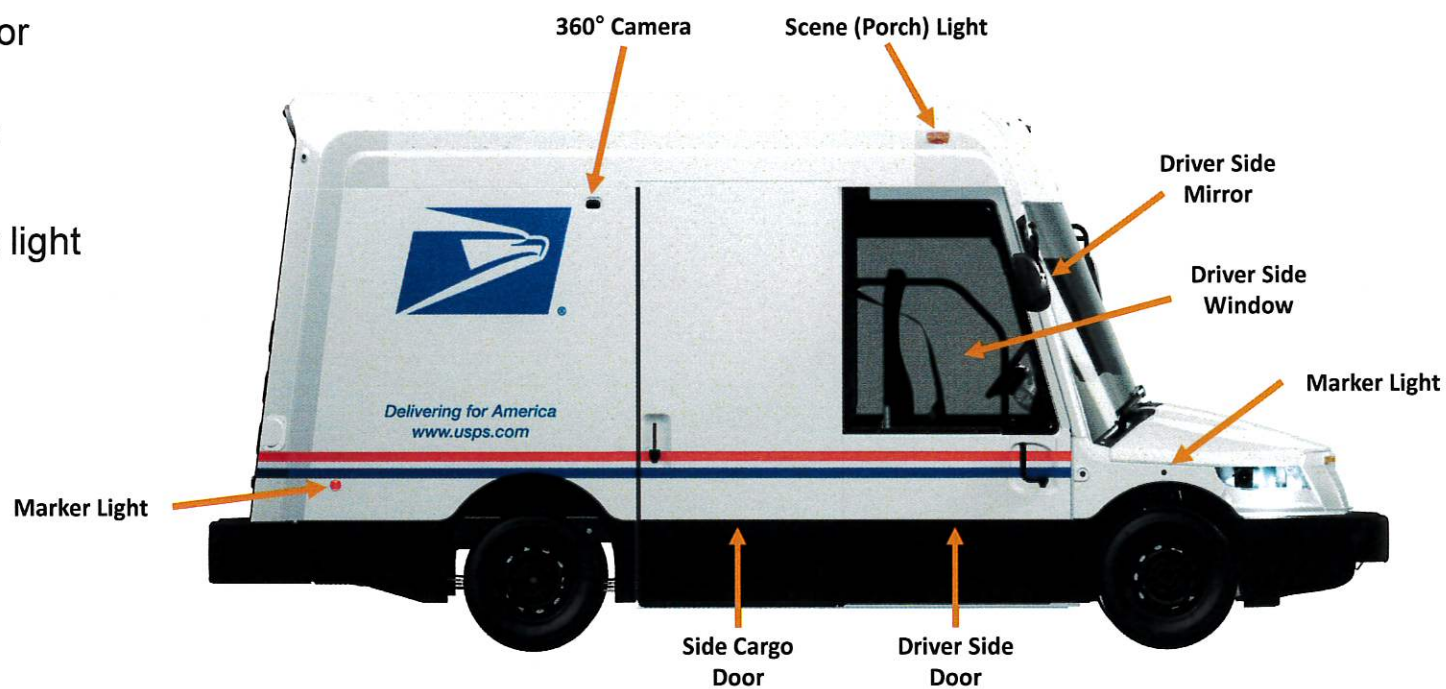
- Rear charging port (Battery Electric Vehicle Only)
- Rear cargo door
- Sensors
- Bumper
- Tow hook



Vehicle Familiarization Exterior

Driver Side Exterior

- Marker lights
- 360° camera
- Side cargo door
- Driver door
- Driver window
- Driver mirror
- Scene (porch) light



NGDV Familiarization

- NGDV Characteristics, Capabilities, and Performance
- Vehicle Familiarization Exterior
- **Vehicle Familiarization Interior**



Vehicle Familiarization Interior

Key fob

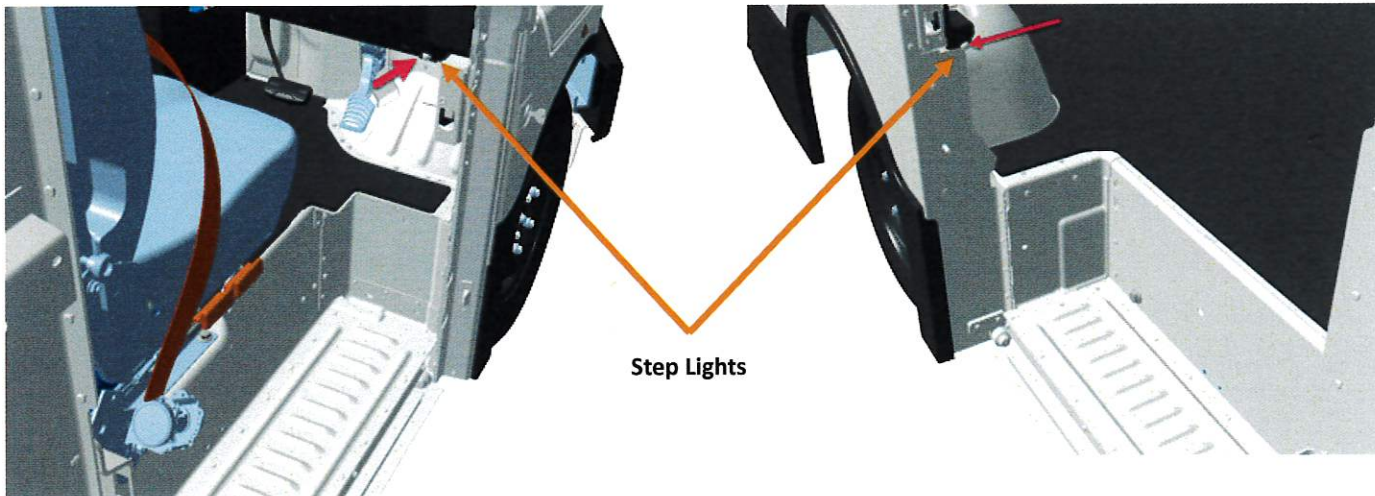
- It unlocks/locks doors and allows for the system engine start to function.
- The key fob range will vary with conditions but has an estimated range of 75 to 100 feet to unlock/lock the vehicle.
- To start the vehicle a valid remote control must be within a few feet of the driver's seat and to be able to shift the vehicle out of the park (P) position.
- The **NGDV BEV** contains a backup feature should the FOB battery become too low to start the vehicle. The operator can place the FOB in the cupholder, press and hold the brake pedal, then push the ignition switch to start the vehicle.
 - The cup holder does not charge the key fob and the batteries will need to be replaced.



Vehicle Familiarization Interior

Step lights

- There are two step lights located on the curb side of the vehicle. One below the drivers dash and one at the rear of the side cargo door.
- The lights will illuminate when the exterior doors are opened. Each light turns off about four seconds after the doors are closed. The lights will remain on if any door is ajar.



Vehicle Familiarization Interior

Window adjustment lever

- This lever allows the window to be manually raised and lowered.

Grab handles

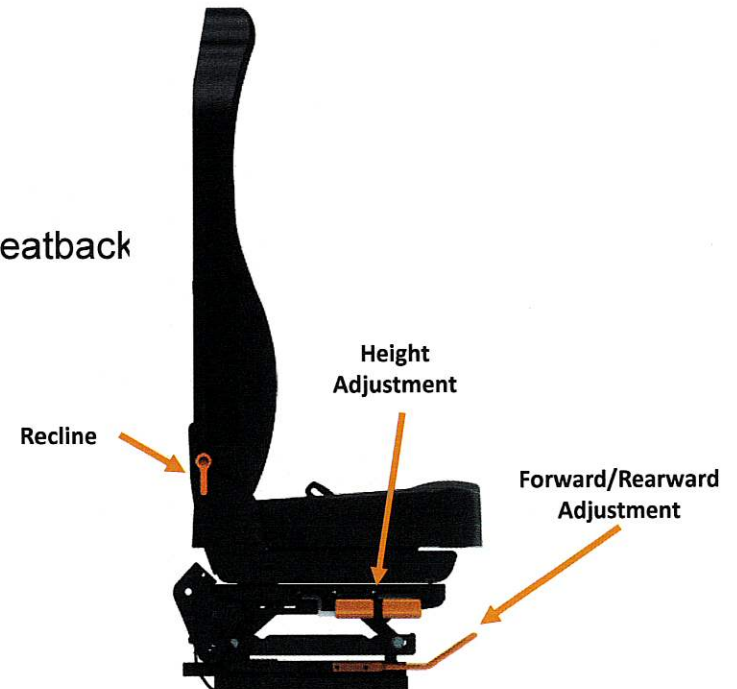
- Located inside of the vehicle above all entry steps, these assist drivers in boarding the NGDV BEV safely.



Vehicle Familiarization Interior

Driver seat

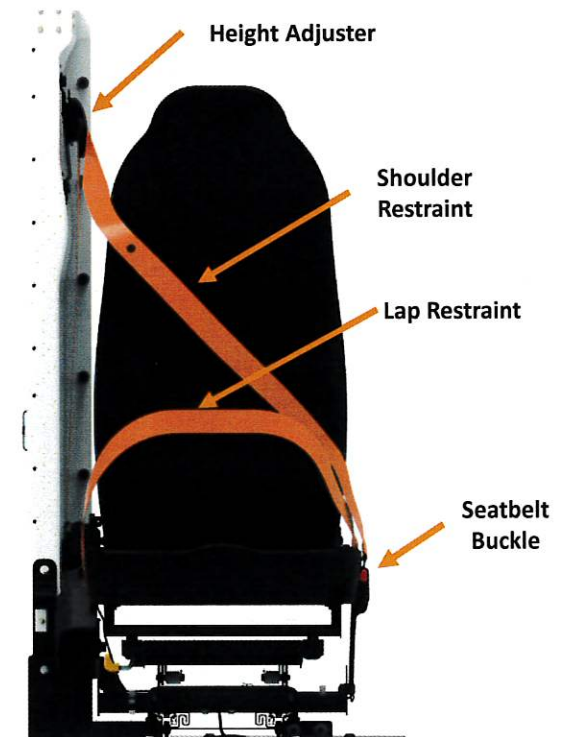
- The manual driver seat is designed to allow the driver to operate the vehicle in a comfortable and safe position. The seat's height and recline are adjustable.
- Forward/rearward adjustment:
 - Pull up on the track adjustment handle.
- Height adjustment:
 - Pull upward on both the front and rear levers.
- Recline:
 - Pull the lever located on the outboard side of the seatback



Vehicle Familiarization Interior

Seat restraint system

- The NGDV features an orange-colored three-point combination lap and shoulder seatbelt, consisting of the following elements:
 - Height adjuster
 - Shoulder restraint
 - Lap restraint
 - Seatbelt buckle
- The lap belt should be snug and lie low across the hips. The shoulder belt should fit across the shoulder and chest with minimal, if any, slack.



⚠ WARNING

Do not drive with the seatback reclined so that the shoulder restraint is no longer resting against the occupant's chest. In a collision, the occupant can slide under the restraint resulting in serious personal injury or death.

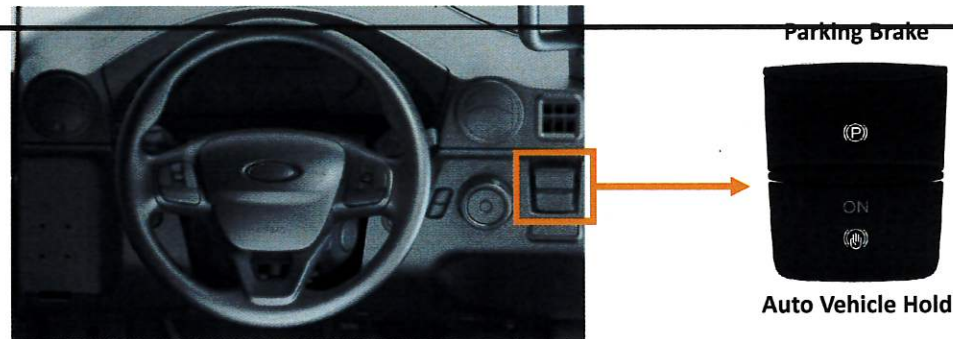
Vehicle Familiarization Interior

Parking brake and automatic vehicle hold (AVH)

- The parking brake and automatic vehicle hold buttons are located on the right dash panel.
 - The electronic parking brake is used to hold the vehicle on slopes and flat surfaces while the vehicle transmission is in park (P).
 - The automatic vehicle hold (AVH) applies the brakes to hold your vehicle after you stop and release the brake pedal.

⚠ WARNING

The automatic vehicle hold does not replace the parking brake. When you leave your vehicle, always apply the parking brake. Failure to comply to this warning may result in loss of control of the vehicle, serious personal injury or death.



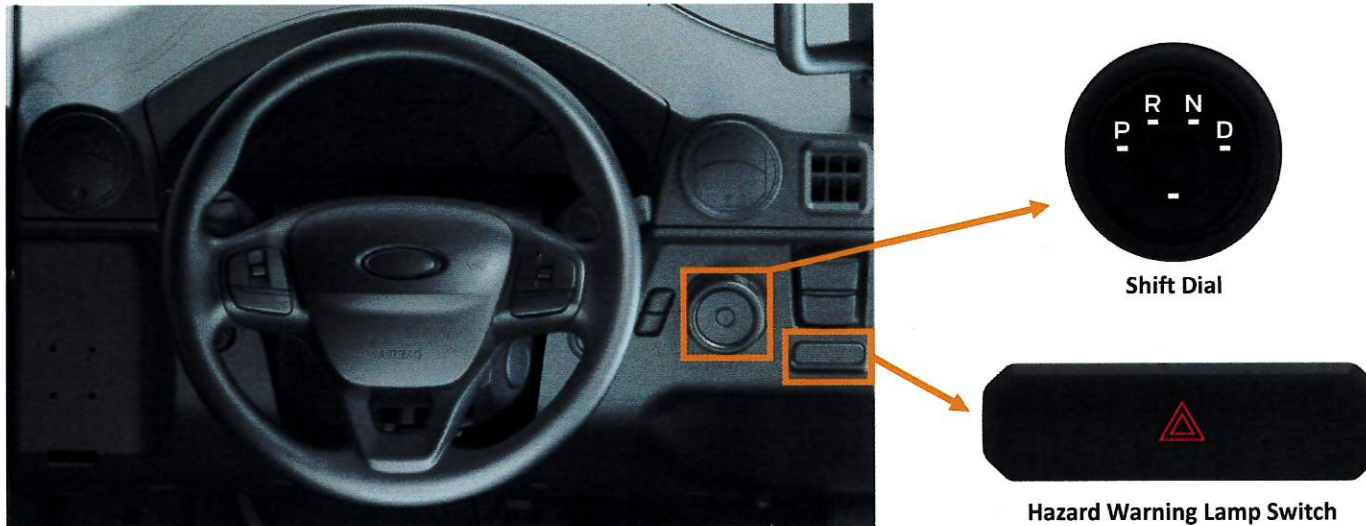
Vehicle Familiarization Interior

Hazard warning lamp switch

- The hazard flasher button is on the right side of the dash. Press the button to switch the hazard flashers on.

Gear Selector

- The transmission selector is located on the right side of the steering wheel. It allows operators to select a gear by rotating the outer ring of the selector.



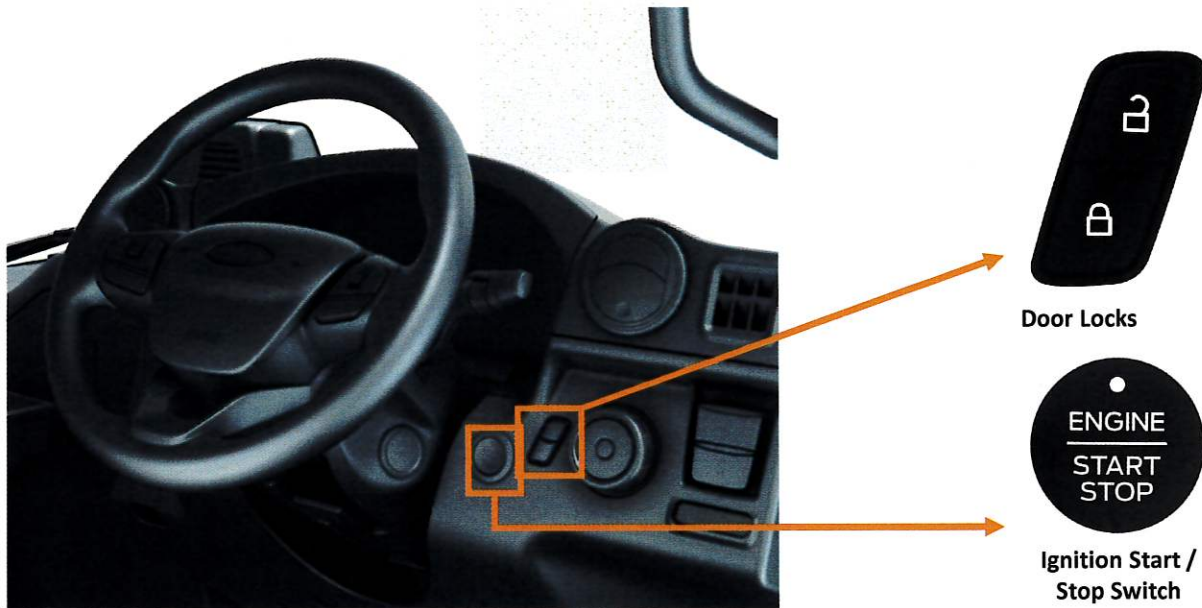
Vehicle Familiarization Interior

Door locks

- Located beside the transmission dial, this button locks and unlocks the doors.

Ignition start / stop switch

- Located to the right of the steering column and is used to power the engine on and off.

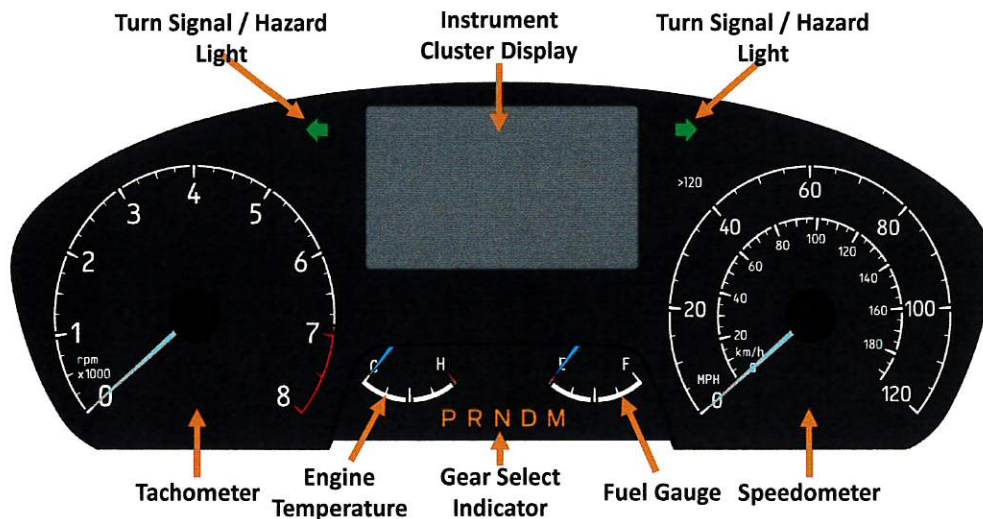


Vehicle Familiarization Interior

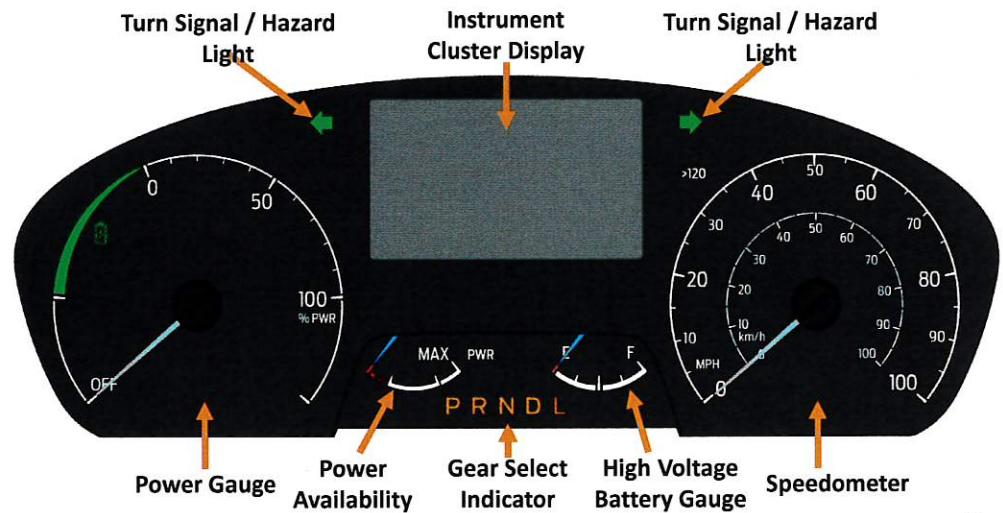
Instrument cluster

- The NGDV ICE and BEV is equipped with an instrument cluster that provides information about the vehicle and its performance.

ICE Instrument Cluster



BEV Instrument Cluster

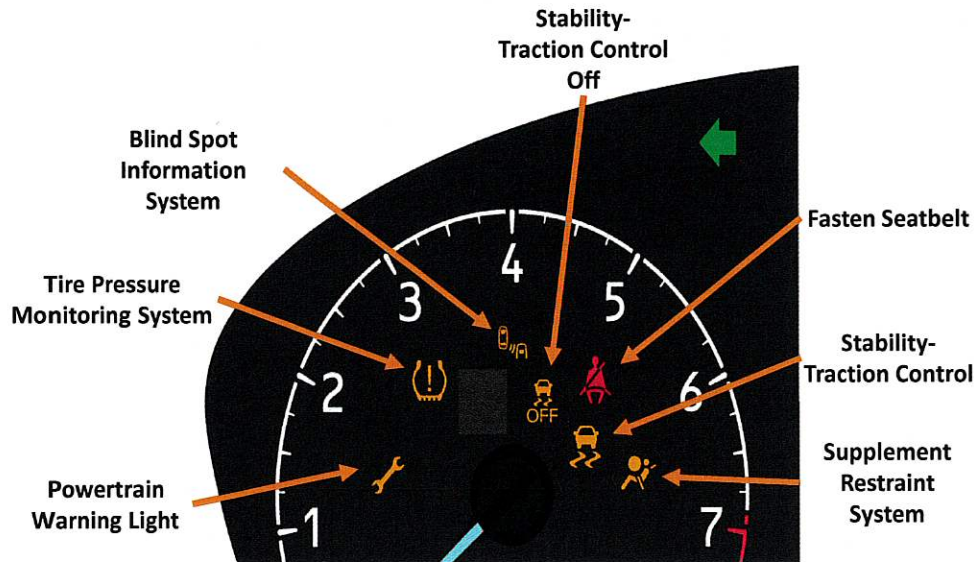


Vehicle Familiarization Interior

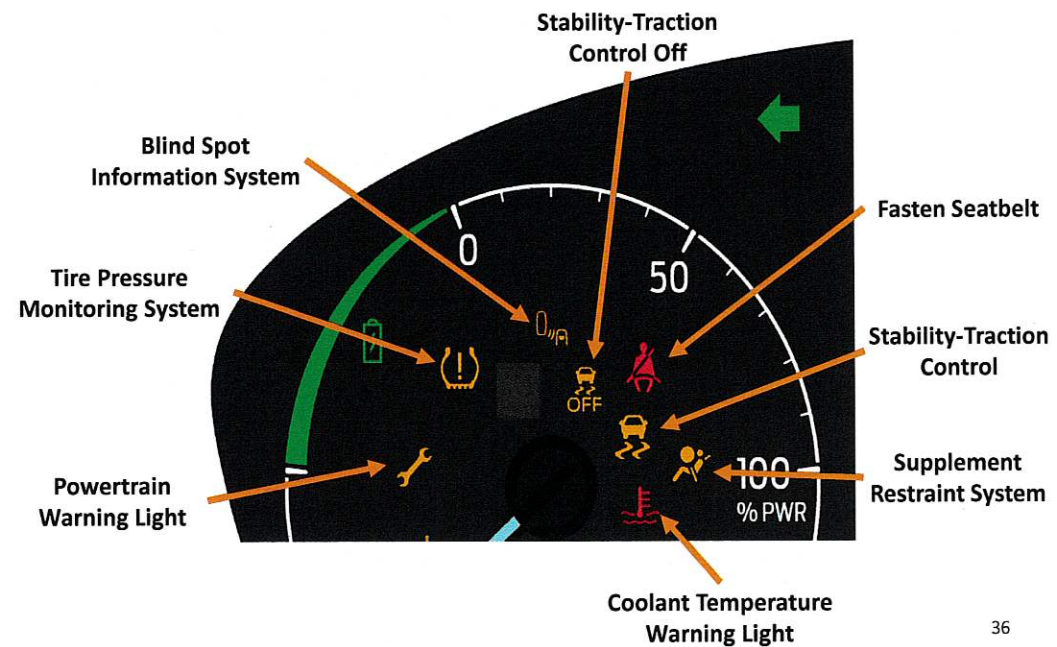
Warning lights and indicators

- Upper tachometer and power gauge lights

ICE Upper tachometer lights



BEV Upper power gauge lights

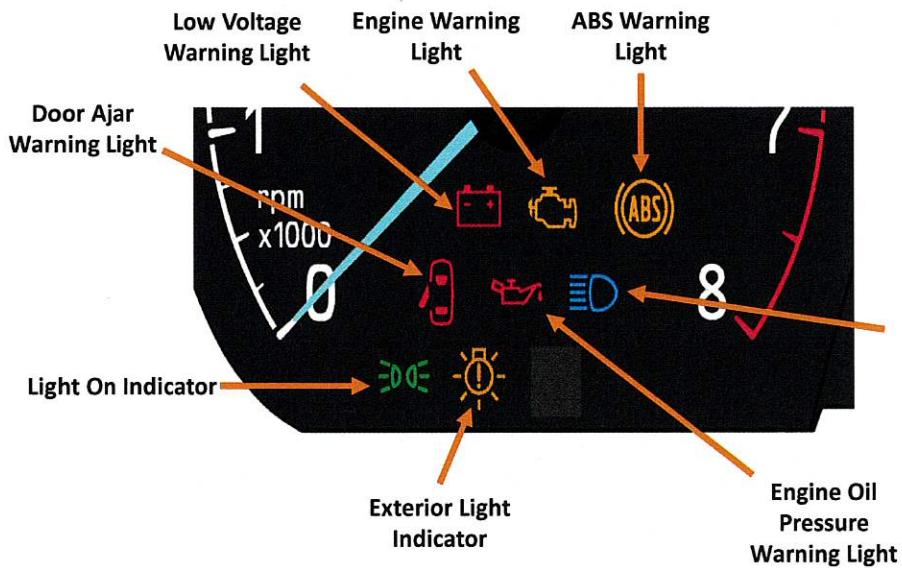


Vehicle Familiarization Interior

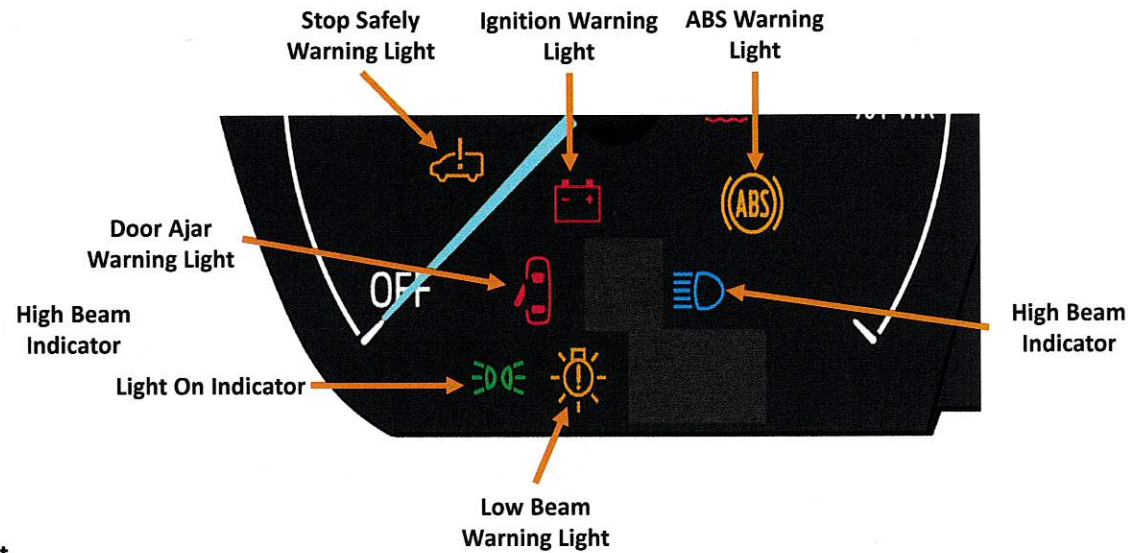
Warning lights and indicators

- Lower tachometer and power gauge lights

ICE Lower tachometer lights



BEV lower power gauge lights

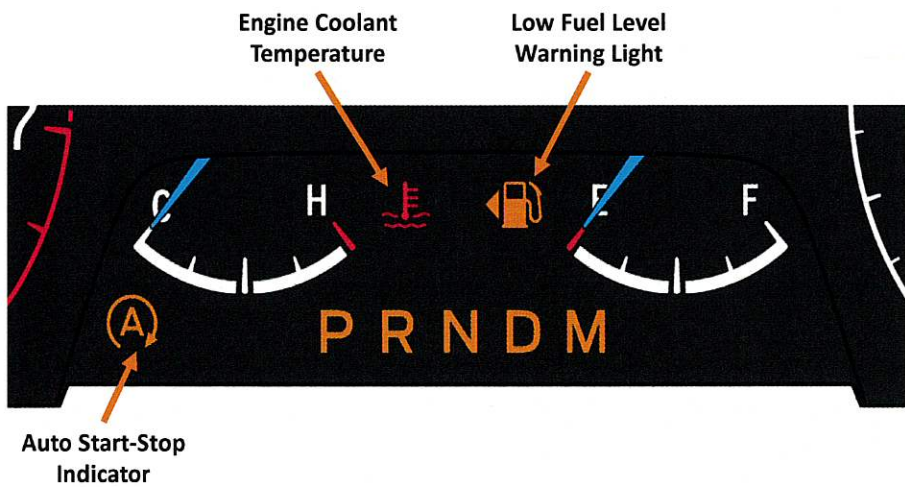


Vehicle Familiarization Interior

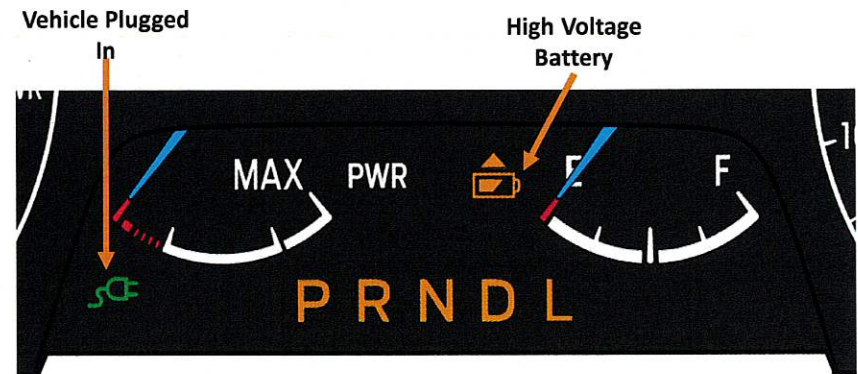
Warning lights and indicators

- Center lights

ICE Center Lights



BEV Center Lights

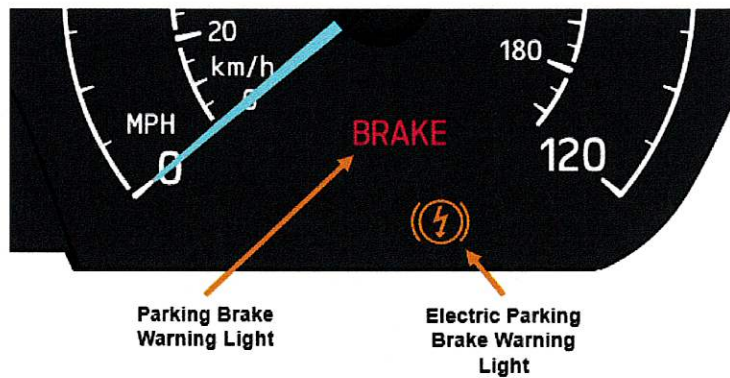


Vehicle Familiarization Interior

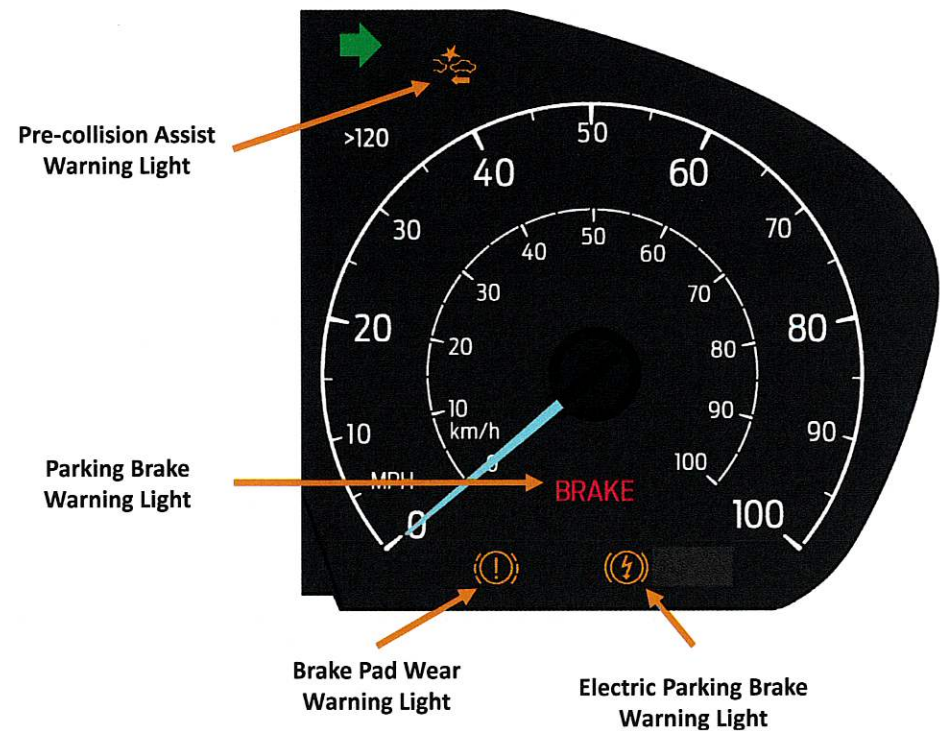
Warning lights and indicators

- Speedometer lights

ICE Speedometer Lights



BEV Speedometer Lights



Vehicle Familiarization Interior

Steering wheel and column

- Wheel and column position
 - To unlock: push the lock lever located at the base of the steering wheel, downward.
 - Adjust the steering wheel to the desired position: upward, downward, inward, or rearward.
 - Lock the steering column by pushing the lock lever upward.
- Locking the steering wheel
 - Place the ignition in the OFF position.
 - Slightly rotate the steering wheel to engage the lock.
- Unlocking the steering wheel
 - Place the ignition into the ON/RUN position.

Steering Wheel
Lock



Vehicle Familiarization Interior

Steering wheel and column

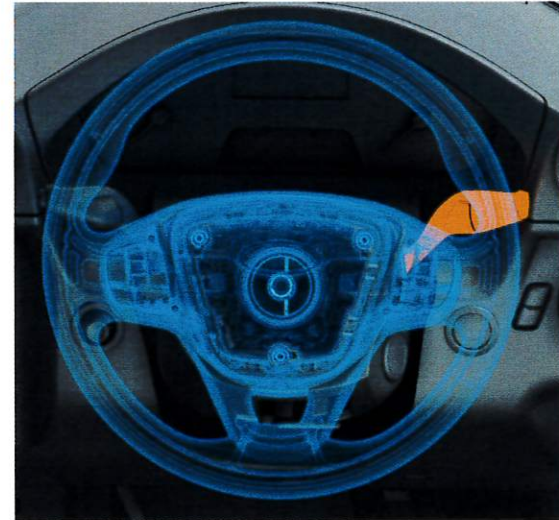
- Message center controls
 - The menu controls for the message center are located on the right-hand side of the steering wheel.
 - Select Up
 - OK button
 - Menu button
 - Select Down
 - Return button



Vehicle Familiarization Interior

Steering wheel and column

- Wiper and washer control lever
 - Wiper speed adjustment is located on the right-hand side of the steering column. There are 4 speed settings: single, intermittent, normal, and high-speed.
 - When vehicle speed increases, the interval between intermittent wipes will decrease.
 - Windshield washer is operated by the same lever as the wiper.
 - To operate the washer, pull the windshield wiper lever toward you to activate.



Wiper and washer control lever

Vehicle Familiarization Interior

Steering wheel and column

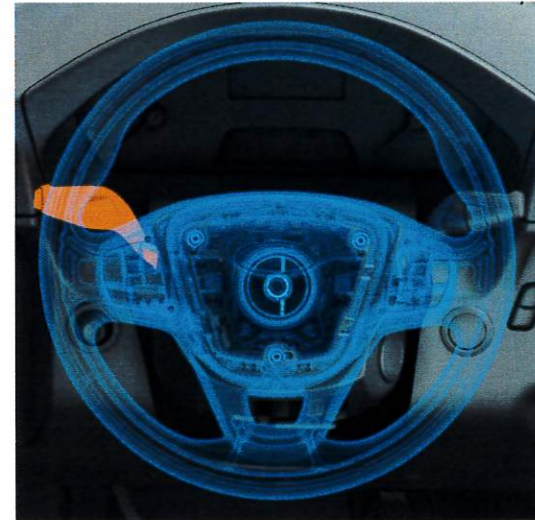
- Horn
 - The horn is in the center of the steering wheel and works by pressing it.
- Air Bag
 - The steering wheel contains an air bag, providing protection to the operator during a crash.



Vehicle Familiarization Interior

Steering wheel and column

- Turn signal lever
 - Located on the left side of the steering wheel.
 - Push the lever up or down to activate the turn signals.
 - Set the lever to the middle position to deactivate the turn signals if no turn made.
- Headlight high beam
 - Push turn signal lever forward toward the dash to turn on high beam headlights.
 - To return to low beam, push and release the turn signal lever again, or pull toward driver.
 - For a single flash of high beams, pull lever toward driver slightly and release.

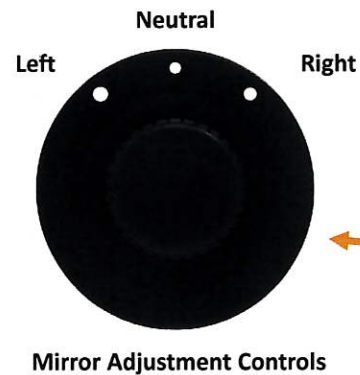


Turn signal lever

Vehicle Familiarization Interior

Mirror adjustment controls

- Both mirrors can be adjusted from the driver's seat using the selector switch located to the left of the steering wheel.
 - Left-hand mirror switch
 - Neutral
 - Right-hand mirror switch



Vehicle Familiarization Interior

Mobile Delivery Device (MDD)

- The TC77 docks to the Zebra Vehicle Cradle which is then powered with the Zebra Cigarette Light Adapter. The hub is then plugged into a standard USB receptacle in the dash and a separate audio cable is also used to the hub.
- All Zebra Cradle components and audio and USB cables from the cradle, can stay in the vehicle once installed.
- A custom App must be installed on the TC77 for screen mirroring.
- The MDD can be viewed on the overhead display screen with a clickable menu.



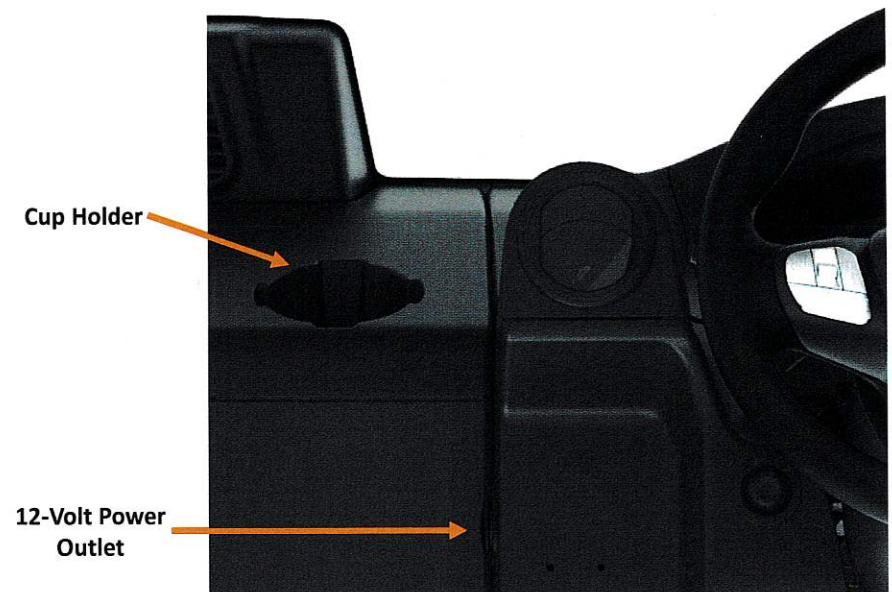
Vehicle Familiarization Interior

12-volt power outlet

- The 12-volt power outlet is located to the left side of the steering wheel around the corner of the dash panel.

Cup holder

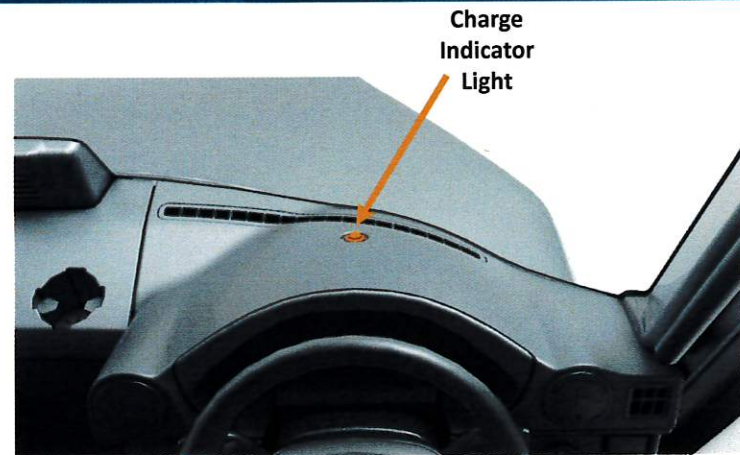
- Located in the center top of the dash and used to store your favorite beverage.
- It is also used as a backup feature should the key fob battery power become too low to start the vehicle.
 - Place the key fob in the cup holder, press and hold the brake pedal, then push the ignition button to start vehicle.



Vehicle Familiarization Interior

Charge indicator light **BEV Only**

- Located on top of the dash in front of the steering wheel.
- It will illuminate when the charge cord is plugged into the charge port and shows the status of vehicle charging.

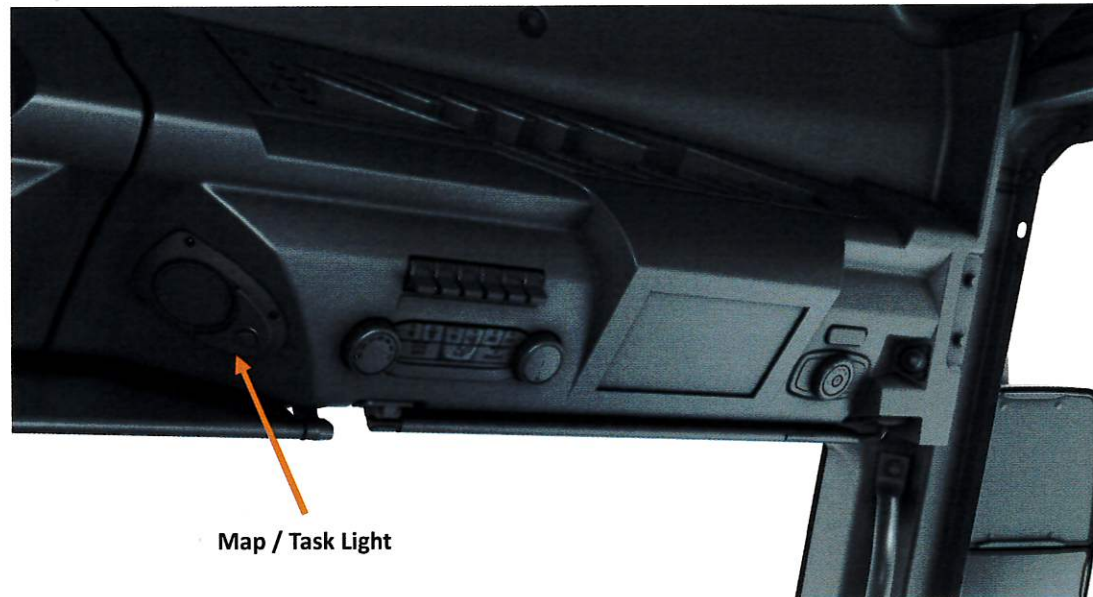


Indicator Light Behavior	Charge Status
1 sec. on, 1 sec off, repeating	<ul style="list-style-type: none"> • Charging in process and SOC less than 96% • The system is in a battery pre-conditioning state.
Continuously on	<ul style="list-style-type: none"> • Charging complete (SOC is greater than 96%) • SOC is full and vehicle door is opened. • SOC is full and door lock commands from the key fob has been activated.
Continuously off	<ul style="list-style-type: none"> • Completed charging and vehicle is in a shutdown state. • No charge cord has been plugged into vehicle to initiate charging.
Rapid Blinking	<ul style="list-style-type: none"> • Incomplete charging error.

Vehicle Familiarization Interior

Map / task light

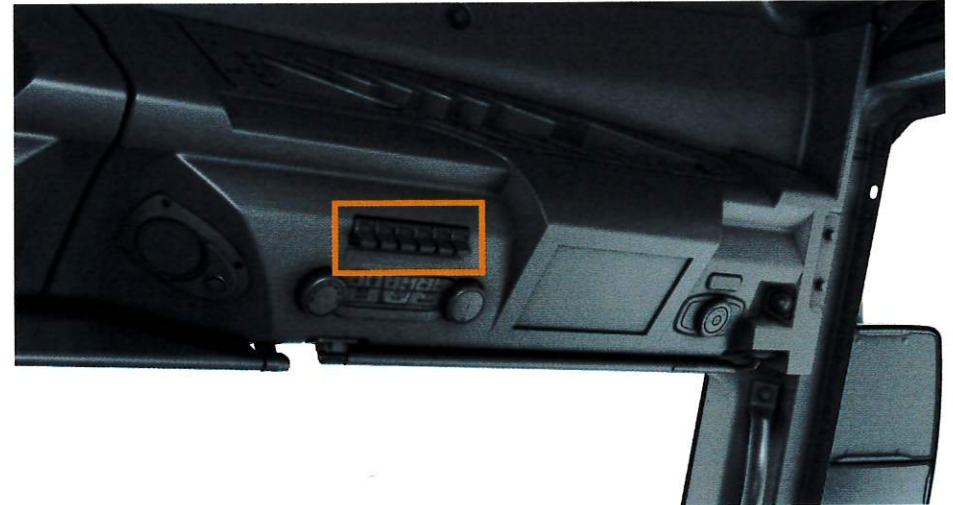
- Located in the center of the overhead control panel and can be turned on and off by pressing the button next to the light.



Vehicle Familiarization Interior

Auxiliary switches

- There is a panel of 6 operational switches located on the overhead control panel. These turn on various lights and the cargo fan.
- Strobe lights (AUX 1)
- Cargo lights (AUX 2)
- Cargo fan (AUX 3)
- Dome light (AUX 4)
- Porch light (AUX 5)
- Non-functional (AUX 6)



Vehicle Familiarization Interior

Climate controls

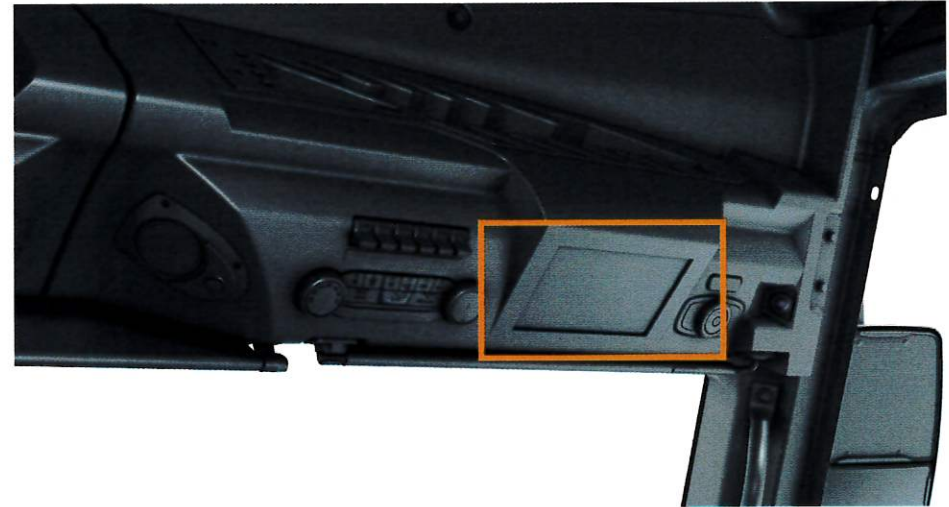
- The NGDV is equipped with a manual climate control system.
 - Fan speed
 - Side mirror defrost
 - Max defrost
 - Windshield air vents
 - Personal vents
 - Recirculated air
 - A/C power button
 - Auto control
 - Max A/C button
 - Temperature control
 - System on/off



Vehicle Familiarization Interior

360° camera screen

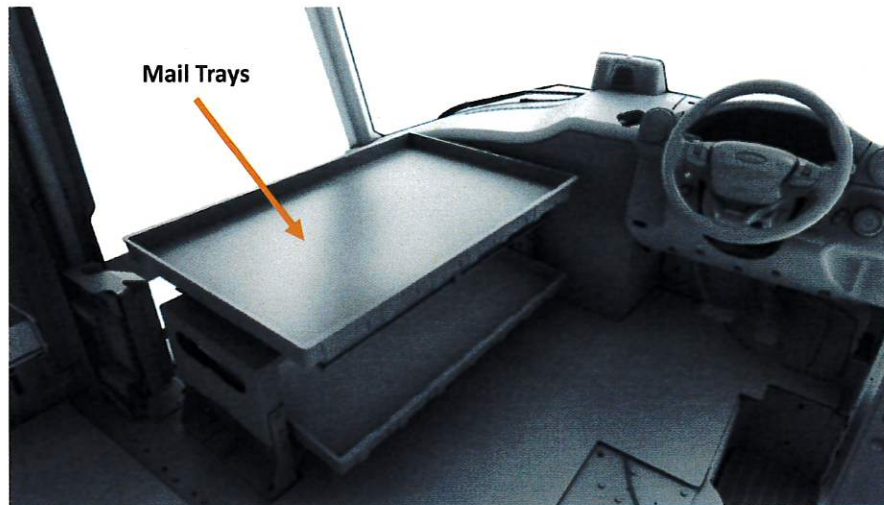
- Located directly above the driver on the overhead control panel.
- Shows the view of the cameras, as well as the MDD (mobile delivery device) scanning tool.



Vehicle Familiarization Interior

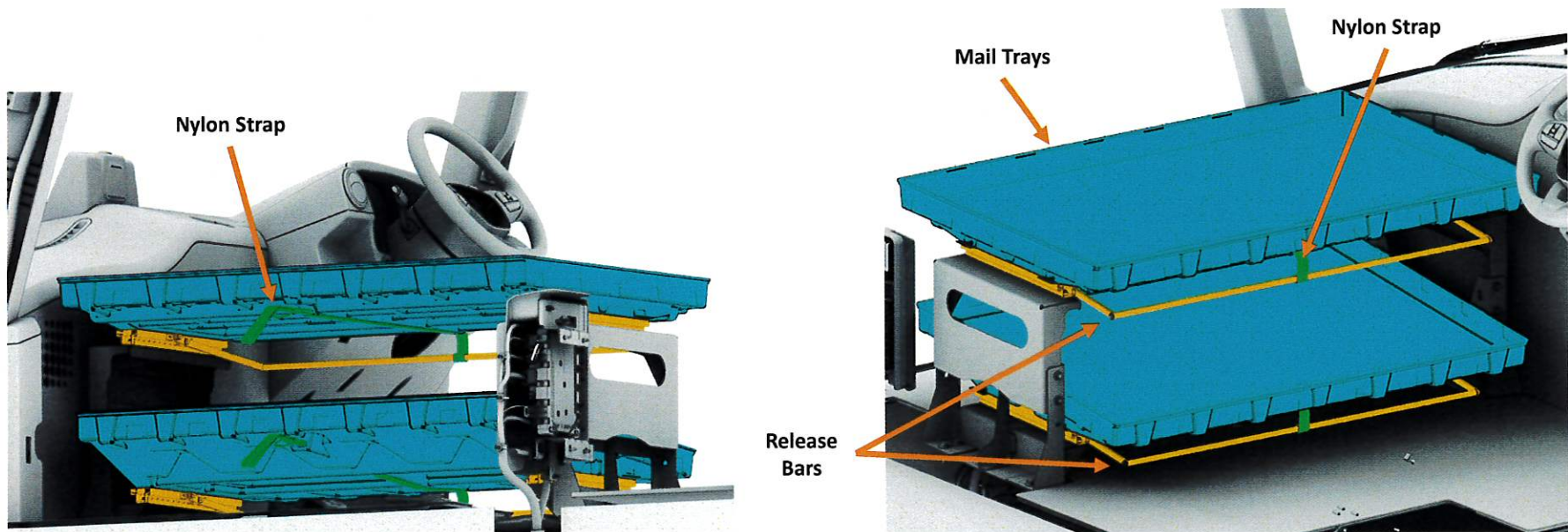
Cab forms holder and trays

- Forms holder is located above the overhead panel controls.
- Mail trays are located to the left side of the driver seat.



Vehicle Familiarization Interior

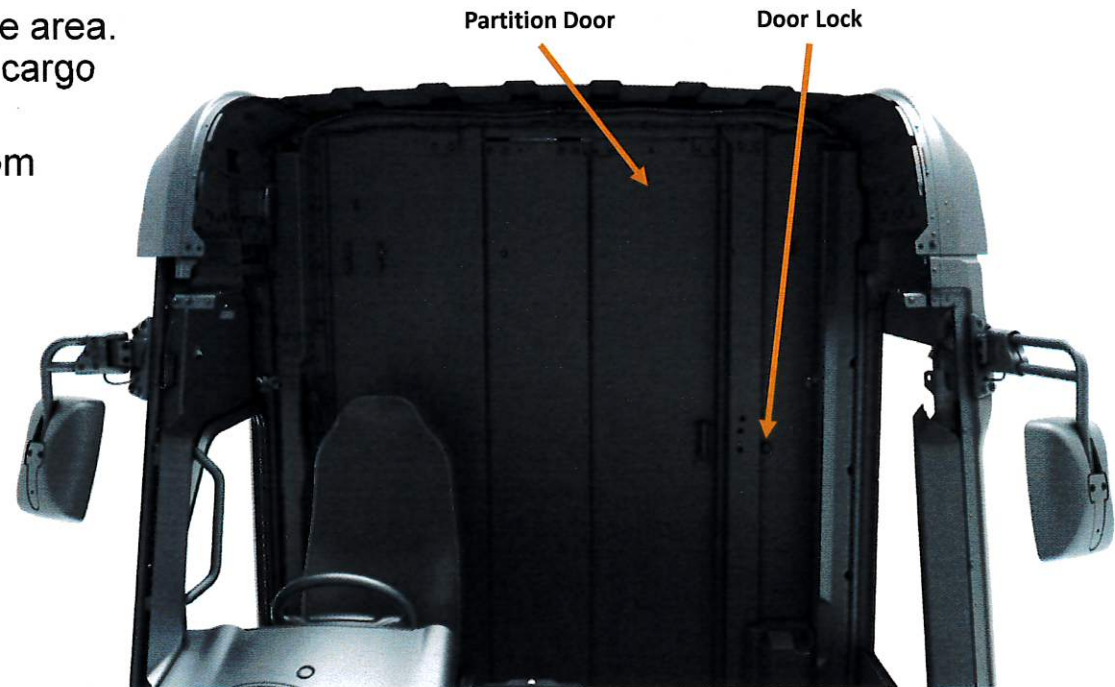
Mail trays are located to the left side of the driver seat.



Vehicle Familiarization Interior

Partition door

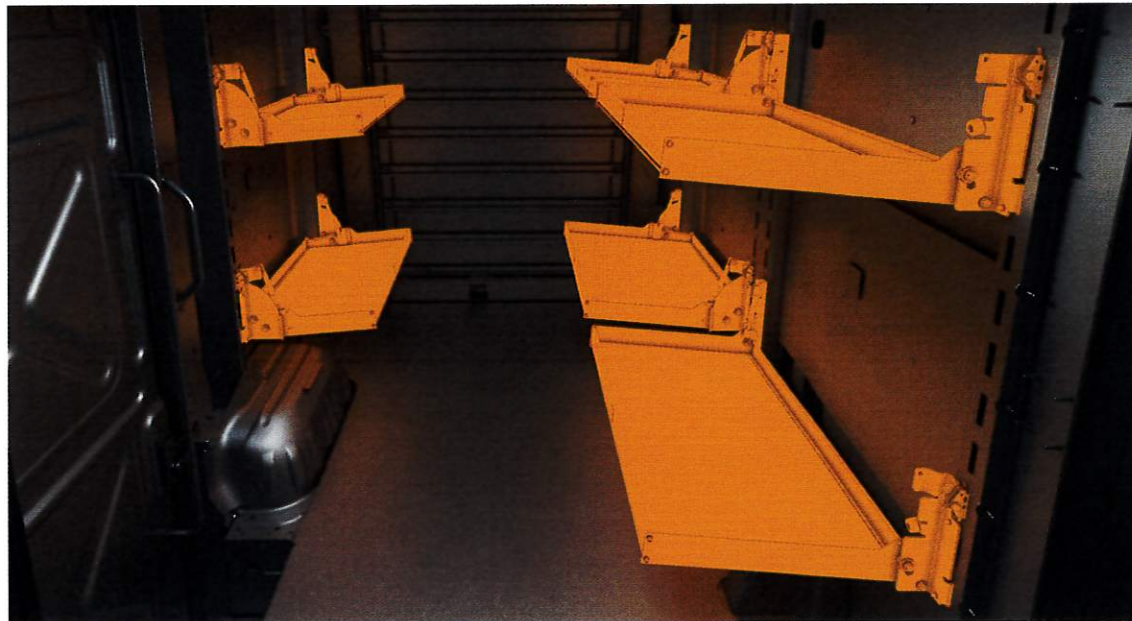
- A sliding partition door separates the driver compartment from the cargo storage area. The door allows for easy access to cargo when the vehicle is stopped.
- The partition door can be locked from inside the cab with a key.



Vehicle Familiarization Interior

Cargo shelves

- The cargo area contains six shelves for mail transport equipment (MTE) storage.
- The shelves can be folded upward when not in use by gently pushing upward. To unfold, pull the shelf downward slowly.



Vehicle Familiarization Interior

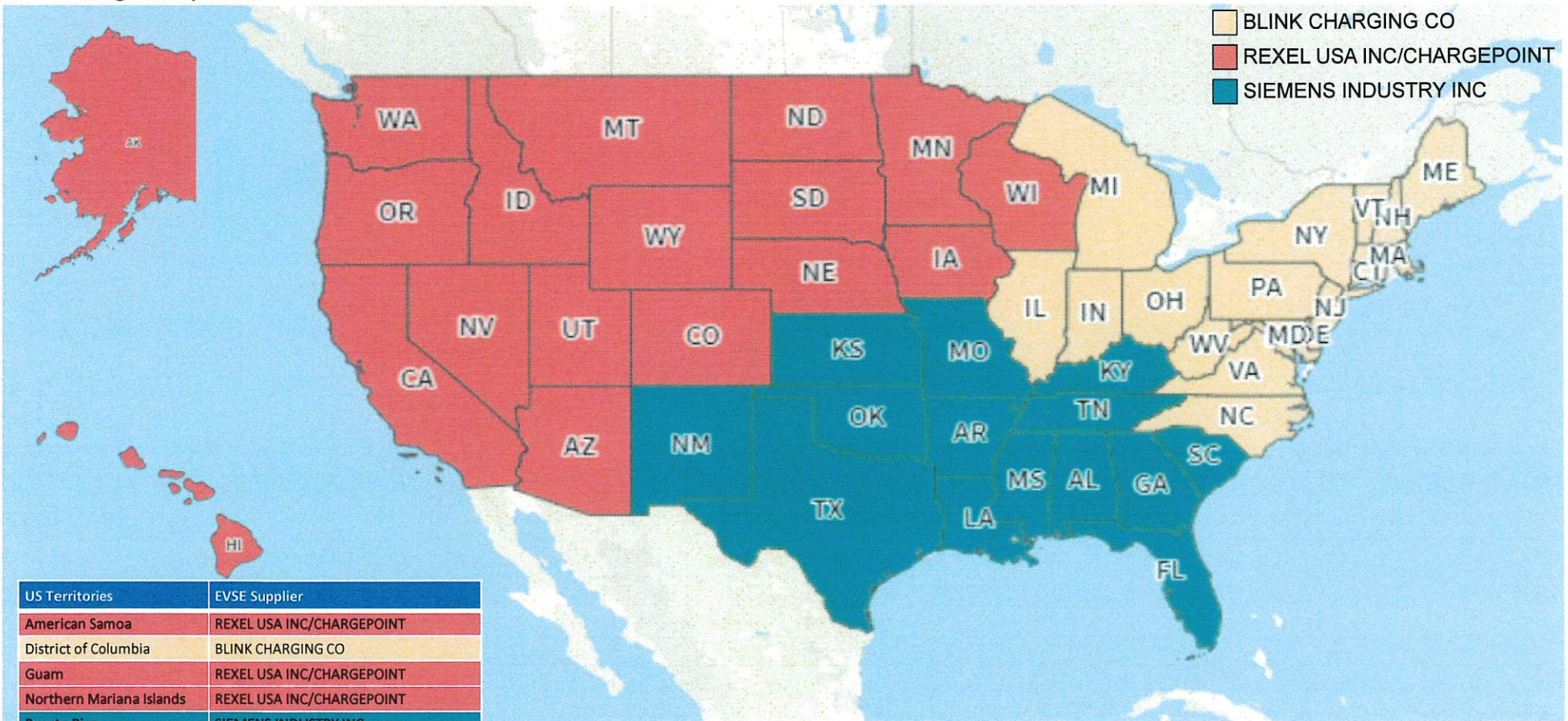
Exhaust fan

- Located on the upper street side cargo wall and used to pull air out of the cargo area and displaces it outside the truck as a temperature control measure.
- Operated by an auxiliary switch (AUX 3) on the overhead control panel.



EVSE Supplier Geographic Assignments

*Assigned by State



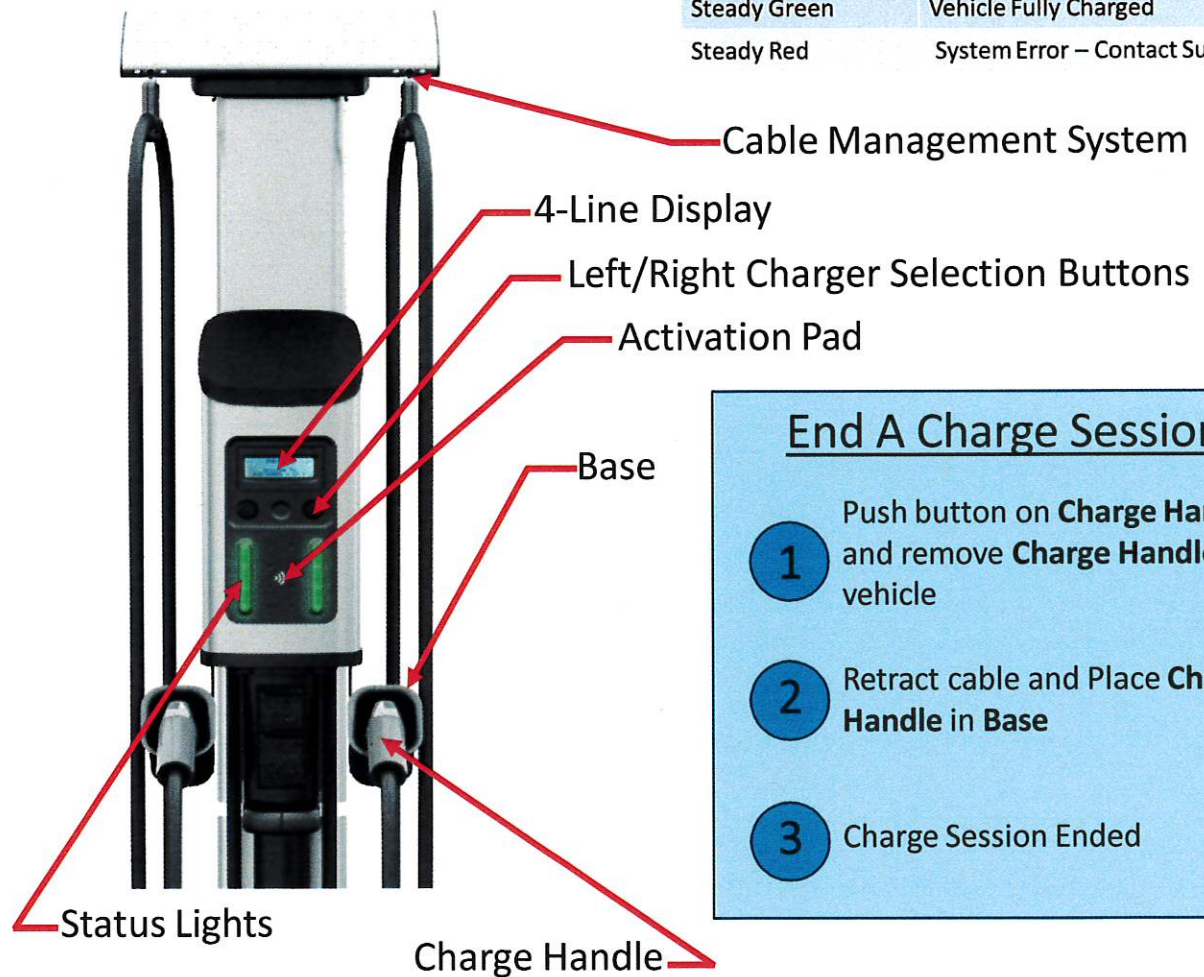
US Territories	EVSE Supplier
American Samoa	REXEL USA INC/CHARGEPOINT
District of Columbia	BLINK CHARGING CO
Guam	REXEL USA INC/CHARGEPOINT
Northern Mariana Islands	REXEL USA INC/CHARGEPOINT
Puerto Rico	SIEMENS INDUSTRY INC
Virgin Islands	SIEMENS INDUSTRY INC

Blink 7 Series & 7 Plus Series Charge Session Procedures

Status Light Color	Charge Station Status
Steady Blue	Charging Station Available
Pulsing Green	Vehicle Charging
Steady Green	Vehicle Fully Charged
Steady Red	System Error – Contact Supervisor

Start A Charge Session

- 1 Ensure **Status Light** is blue
- 2 Remove **Charge Handle** from **Base** and plug into vehicle
- 3 Push the corresponding **Left/Right Selection Button** to select correct **Charge Handle**
- 4 Tap and hold RFID Card or MDD against **Activation Pad**
- 5 Selected charger **Status Light** pulsing green indicates vehicle is charging
- 6 Vehicle fully charged when Selected charger **Status Light** is steady green



End A Charge Session

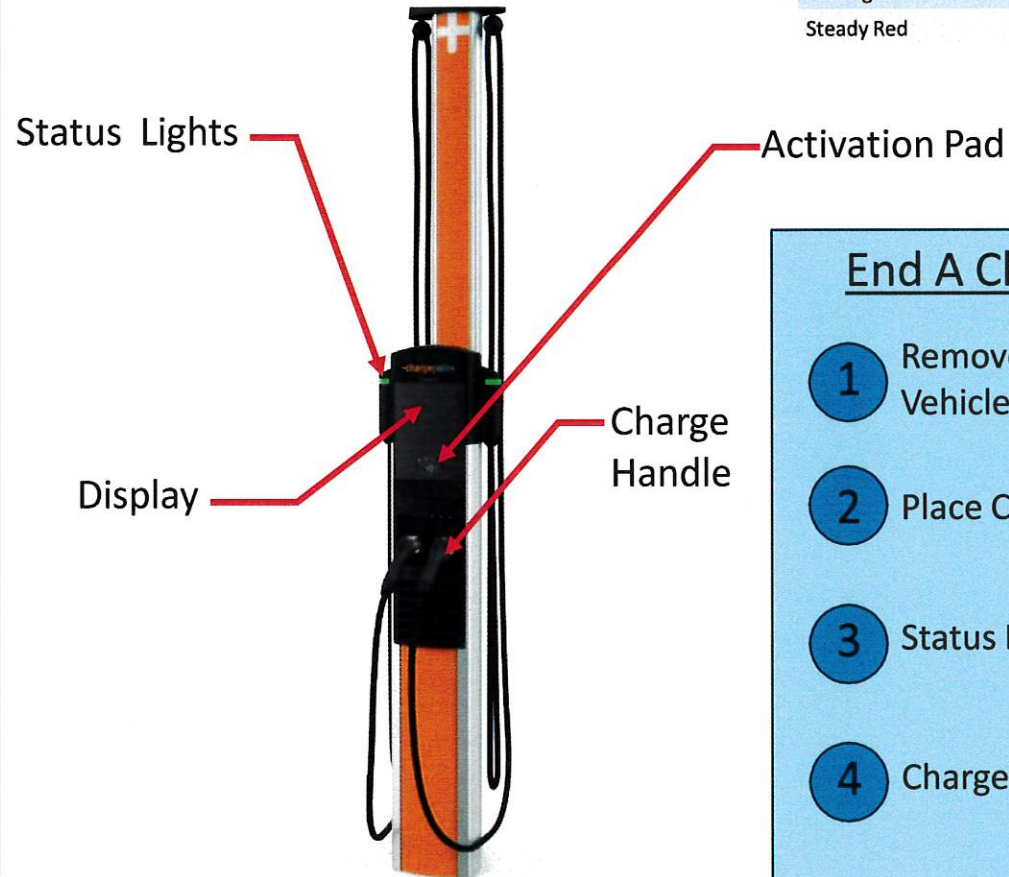
- 1 Push button on **Charge Handle** and remove **Charge Handle** from vehicle
- 2 Retract cable and Place **Charge Handle** in **Base**
- 3 Charge Session Ended

ChargePoint Charge Session Procedures

Status Light Color	Charge Station Status
Steady Green	Charging Station Available
Solid Blue	Vehicle is Plugged in but is not yet Charging or Vehicle is Fully Charged
Pulsing Blue	Vehicle Charging
Steady Red	System Error – Contact Supervisor

Start A Charge Session

- 1 Ensure **Status Light** is Green
- 2 Tap and hold RFID Card or MDD against **Activation Pad**
- 3 Remove **Charger Handle** from base
- 4 Connect **Charger Handle** to Vehicle Charge Port
- 5 **Status Light** pulsing blue indicates vehicle is charging
- 6 When **Status Light** is solid Blue vehicle is fully charged








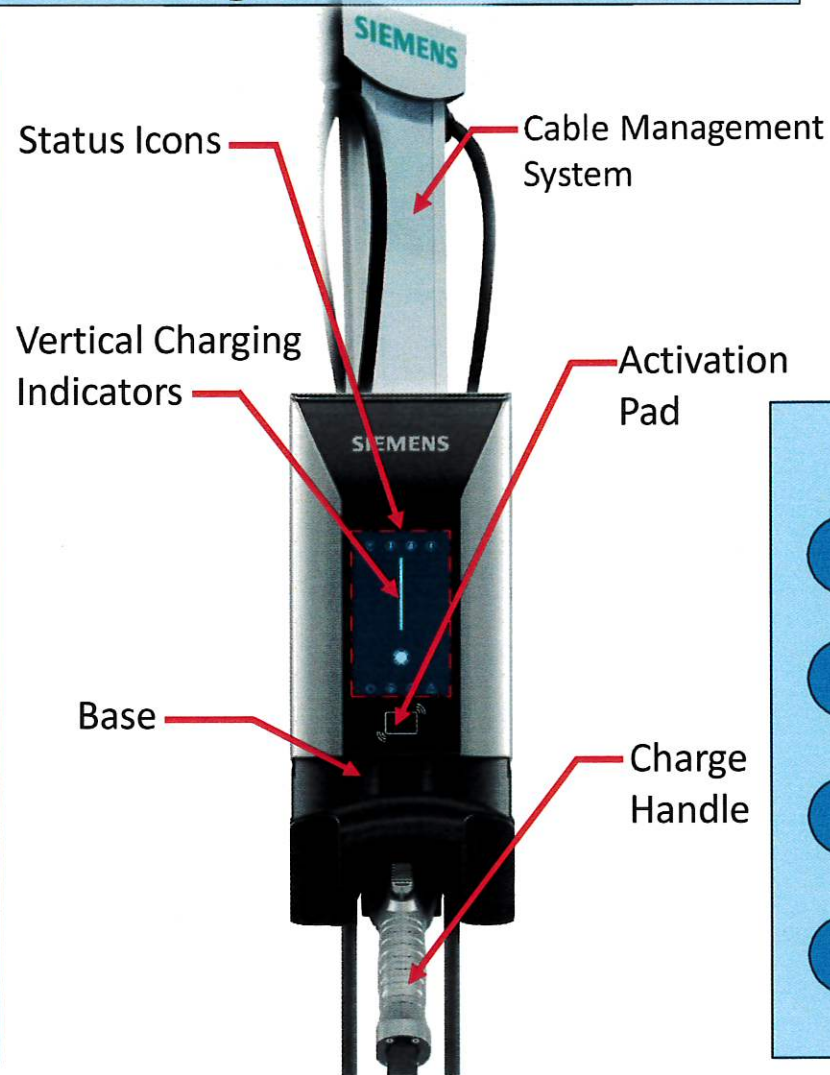
End A Charge Session








- 1 Remove Charge Handle from Vehicle Charge Port
- 2 Place Charge Handle in base
- 3 Status Light Turns Green
- 4 Charge Session Ended

Siemens VersaCharge AC Series EVSE Charge Session Procedures


Start A Charge Session

- 1 Ensure **Power Icon**  is lit and white
- 2 Tap and hold RFID Card or MDD against **Activation Pad** You will hear a single audible tone if accepted, if declined you will hear two audible tones
- 3 Remove **Charger Handle** from base
- 4 Connect **Charger Handle** to Vehicle Charge Port, **Connection Icon**  will light white
- 5 **Charging Icon**  will light white and **Vertical Charging Indicators**  will light to indicate charging progress
- 6 When **Power Icon**  is off vehicle is fully charged



Icon Status	Charge Station Status
	Charging Station is Locked
	Charging Station is Unlocked
	Charging Station is Ready to Charge
	Charging Station is Not Ready to Charge or Current Charge Cycle is Complete
	Charging Station is Connected to Vehicle
	Charging Station is Charging Vehicle
	System Error – Contact Supervisor

End A Charge Session

- 1 Remove Charge Handle from Vehicle Charge Port
- 2 Place Charge Handle in base
- 3 **Power Icon**  is lit and white
- 4 Charge Session Ended