

### OVERVIEW



Honda has long staked a claim as one of the world's leading developers of technologies for cleaner, more efficient vehicles. The series of Honda Clarity vehicles presents a three-pronged approach to creating the future of sustainable transportation

- The Clarity Fuel Cell uses hydrogen to create electricity to power a torque-rich electric drive motor—and its only by-product is water.
  - The Clarity Electric gives drivers a spacious, comfortable and handsomely styled choice among battery-electric cars.
  - The Clarity Plug-In Hybrid (scheduled for launch in Winter 2017) combines the flexibility of battery-powered travel for moderate distances with the longer range of a highly efficient gasoline engine.
- 

### The Clarity Series



### What's New

- Building on the valuable lessons learned from developing Honda's previous advanced-powertrain vehicles, the 2017 Honda Clarity Electric is entirely new.
-

# Feature Highlights

## Clarity Electric

### Engineering

- 25.5 kWh lithium-ion battery
- Coaxial-type high-output motor
- Zero-Emission Vehicle (ZEV) CARB emissions ratings<sup>1</sup>
- ECON and Sport modes
- Hill start assist
- Electric parking brake with automatic brake hold
- MacPherson strut front suspension
- Multi-link rear suspension
- Electric Power-Assisted Rack-and-Pinion Steering (EPS)
- Front and rear stabilizer bars
- Power-assisted, ventilated front disc/solid rear disc brakes
- 18" aerodynamic alloy wheels
- 235/45 R18 all-season tires
- Deceleration selector paddles

### Safety

- Advanced Compatibility Engineering™ (ACE™) body structure
- Vehicle Stability Assist™ (VSA®) with traction control<sup>2</sup>
- Anti-lock braking system (ABS)
- Electronic Brake Distribution (EBD)
- Brake Assist
- Multi-angle rearview camera with dynamic guidelines<sup>3</sup>
- LED Daytime Running Lights (DRL)
- Collision Mitigation Braking System™ (CMBS™)<sup>4</sup>
- Road Departure Mitigation System (RDM)<sup>5</sup>
- Forward Collision Warning (FCW)<sup>6</sup>
- Lane Departure Warning (LDW)<sup>7</sup>
- Advanced front airbags (i-SRS)
- Driver's knee airbag
- SmartVent® front side airbags

### Features

- Dual-zone automatic climate control system
- Perforated leather-trimmed seats
- Heated front seats
- Driver's seat with 8-way power adjustment and 2-position memory
- Front passenger's seat with 4-way power adjustment
- 60/40 split fold-down rear seatback with center armrest
- Lane Keeping Assist System (LKAS)<sup>10</sup>
- Adaptive Cruise Control (ACC) with Low-Speed Follow<sup>11</sup>
- Honda LaneWatch™<sup>12</sup>
- Bluetooth® HandsFreeLink®<sup>13</sup>
- SMS text message function<sup>14</sup>
- HomeLink® remote system<sup>15</sup>
- Auto-up/down power windows
- Power door locks/programmable auto-locking doors
- Illuminated steering wheel-mounted controls
- Tilt and telescopic steering column
- Center console with armrest and storage compartment
- Beverage holders, front and rear
- Driver's and front passenger's illuminated vanity mirrors
- LED map lights
- Sunglasses holder
- 12-volt power outlets (front and rear)
- Driver- and passenger-side seatback and smartphone pockets
- Remote charging door release
- Electronic remote trunk release
- Rear window defroster
- Cargo<sup>16</sup> area light

- Side curtain airbags with rollover sensor
- Tire Pressure Monitoring System (TPMS)<sup>8</sup>
- Front seat belts<sup>9</sup> with automatic tensioning system
- Driver's and front passenger's seat-belt reminder
- Lower Anchors and Tethers for Children (LATCH):  
Lower anchors (2nd-row outboard), tether anchors  
(2nd-row all)
- Child-proof rear door locks
- Acoustic Vehicle Alerting System (AVAS)
- Floor mats
- Side door pockets
- Adjustable front seat-belt anchors
- 8" Display Audio
- Apple CarPlay™<sup>17</sup>
- Android Auto™<sup>18</sup>
- 180-watt premium audio system with 8 speakers
- HondaLink®<sup>19</sup>
- SiriusXM® Radio<sup>20</sup>
- HD Radio™<sup>21</sup>
- Pandora®<sup>22</sup> compatibility
- *Bluetooth*®<sup>13</sup> streaming audio
- USB Audio Interface<sup>23</sup>
- Radio Data System (RDS)
- Speed-Sensitive Volume Control (SVC)
- Honda Satellite-Linked Navigation System™ with  
voice recognition<sup>24</sup>, Honda HD Digital Traffic and  
electric charging station locator
- Automatic-dimming rearview mirror
- Security system with remote entry
- LED headlights with auto-on/off (low- and high-  
beam)
- LED taillights
- LED turn indicators
- One-touch turn indicators
- Heated, body-colored power side mirrors
- Smart wiper system
- Body-colored decklid spoiler
- Smart Entry
- Push button start

[Download a printable version](#) of the major feature highlights.

---

Clarity Electric Model Lineup










Electric

Trim/Transmission

Model Code

<b>Clarity</b>	<b>Code No.</b>
<b>Electric</b>	<b>ZC6F3HGNW</b>

### Color and Trim Guide

Exterior Colors	Interior Colors
 <b>Modern Steel Metallic</b>	 <b>Gray Leather</b>
 <b>Vortex Blue Pearl</b>	 <b>Gray Leather</b>
 <b>White Orchid Pearl</b>	 <b>Gray Leather</b>  <b>Black Leather</b>

### Exterior Color Selector





## Accolades, Honors & Ratings

Coming Soon!

## Clarity Electric Key Selling Points

**Environmental Attributes** The Clarity Electric produces zero CO<sup>2</sup> or smog-forming emissions, helping contribute to a future of sustainable transportation. Plus, numerous surfaces in the cabin are made with materials and processes to reduce the emissions impact of the manufacturing process.

**Performance** Even with its zero-emission powertrain, the Clarity Electric is fun to drive—after all, it's a Honda through and through.

- The electric motor offers smooth, quiet and exhilarating torque right off the line, for excellent responsiveness to the throttle.

**Safety Features** Clarity is loaded with standard safety features, including:

- Advanced Compatibility Engineering™ (ACE™) body structure
- Vehicle Stability Assist™ (VSA®)<sup>2</sup>
- Seven airbags
- The Honda Sensing® suite of safety and driver-assistive features is standard, for exceptional driver awareness and occupant protection.

**Style** Smooth, turbulence-reducing lines and contours combine with eye-catching LED headlights, taillights, DRLs and even turn indicators to make this vehicle an unforgettably unique sight on the road.

**Comfort** Honda engineers have applied the full power of their experience in creating a quiet, comfortable interior environment.

- Clarity benefits from an exceptional audio system as well as connectivity features like Apple CarPlay™<sup>17</sup> and Android Auto™<sup>18</sup> to enhance the experience.
- An advanced HondaLink®<sup>19</sup> support app enhances driver confidence with such features as a hydrogen station finder—and even allows owners to precondition the cabin remotely for superior comfort.

---

## Personalized Settings Worksheet

Use this excellent tool with every delivery to make sure your customer's vehicle is perfectly tailored to their needs and desires.

[Click here to download](#)

---

1. ZEV (Zero-Emission Vehicle) model as certified by the California Air Resources Board (CARB).
2. VSA is not a substitute for safe driving. It cannot correct the vehicle's course in every situation or compensate for reckless driving. Control of the vehicle always remains with the driver.
3. Always visually confirm that it is safe to drive before backing up; the rearview camera display does not provide complete information about all conditions and objects at the rear of your vehicle.
4. CMBS cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. System operation affected by extreme interior heat. System designed to mitigate crash forces. Driver remains responsible for safely operating vehicle and avoiding collisions.
5. Road Departure Mitigation only alerts drivers when lane drift is detected without a turn signal in use and can apply mild steering torque to assist driver in maintaining proper lane position and/or brake pressure to slow the vehicle's departure from a detected lane. RDM may not detect all lane markings or lane departures; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.
6. FCW cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. System operation affected by extreme interior heat. FCW does not include a braking function. Driver remains responsible for safely operating vehicle and avoiding collisions.
7. LDW only alerts drivers when lane drift is detected without a turn signal in use. LDW may not detect all lane markings or lane departures; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collision.
8. For optimal tire wear and performance, tire pressure should be checked regularly with a gauge. Do not rely solely on the monitor system. Please see your Honda dealer for details.
9. Honda reminds you and your passengers to always use seat belts and appropriate child seats. Children 12 and under are safest when properly restrained in the rear seat.
10. LKAS only assists driver in maintaining proper lane position when lane markings are identified without a turn signal in use and can only apply mild steering torque to assist. LKAS may not detect all lane markings; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.
11. Adaptive Cruise Control (ACC) with Low-Speed Follow (LSF) cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed, and other factors. ACC should not be used in heavy traffic, poor weather, or on winding roads. Driver remains responsible for safely operating vehicle and avoiding collisions.
12. Display accuracy will vary based on weather, size of object and speed, and the display may not show all relevant traffic. The display is not a substitute for your own direct visual assessment of traffic conditions before changing lanes.
13. The *Bluetooth*® word mark and logos are owned by the Bluetooth SIG, Inc., and any use of such marks by Honda Motor Co., Ltd., is under license.
14. Compatible with select phones with *Bluetooth*®. Your wireless carrier's rate plans apply. State or local laws may limit use of texting feature. Only use texting feature when conditions allow you to do so safely.
15. HomeLink® is a registered trademark of Gentex Corporation.
16. Carrying too much cargo or improperly storing it can affect the handling, stability and operation of this vehicle. Follow applicable load limits and loading guidelines.
17. Apple CarPlay is a trademark of Apple Inc.
18. Android and Android Auto are trademarks of Google Inc.
19. Check the HondaLink® website for smartphone compatibility.
20. SiriusXM services require a subscription after any trial period. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call SiriusXM at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at [www.siriusxm.com](http://www.siriusxm.com). Fees and programming subject to change. XM satellite service is available only to those at least 18 years and older in the 48 contiguous United States and D.C. ©2017 SiriusXM Radio Inc. Sirius, XM and all related marks and logos are trademarks of SiriusXM Radio Inc.
21. HD Radio is a proprietary trademark of iBiquity Digital Corporation.
22. Pandora, the Pandora logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc. Used with permission. Compatible with select smartphones. See: [www.pandora.com/everywhere/mobile](http://www.pandora.com/everywhere/mobile). Not all devices compatible with USB connection. Your wireless carrier's rate plans apply.
23. The USB Audio Interface is used for direct connection to and control of some current digital audio players and other USB devices that contain MP3, WMA or AAC music files. Some USB devices with security software and digital rights-protected files may not work. Please see the owner's manual for details.
24. The Honda Satellite-Linked Navigation System™ is standard in the United States, Canada and Puerto Rico. (Honda HD Digital Traffic service only available in the United States, except Alaska). Please see your Honda dealer for details.

## MARKET POSITION & DEMOGRAPHICS



# Market Position & Demographics

## Market Position + Demographics

The Clarity Electric is well-positioned to become an important player in the advanced-powertrain segment of the market.

- The Clarity Electric offers a level of performance, comfort, convenience and safety features that makes it a highly desirable daily driver among customers who have a heightened awareness of energy and environmental concerns.



## Clarity Buyers

The Clarity buyer is expected to be a male baby-boomer professional who readily embraces innovation and advanced technology. Well-placed financially, he spends his leisure time on adventure travel, fundraising and volunteering. Female buyers are expected to show interest in advanced environmental technology as indicated by Honda’s previous experience with FCX Clarity customers.

## Clarity Buyer Demographics at a Glance

Clarity Electric	Target Customer	Top Competitive Models
Age	40	Nissan Leaf Chevrolet Bolt BMW i3
Household income (HHI)	\$100K+	
College graduate	Yes	
Male/Female	60%/40%	
Married	Yes	

## EXTERIOR





## Distinctive, Leading-edge Style

The Clarity Electric presents an unforgettable look on the road.

- It has a low, wide and athletic stance.
  - The signature Honda grille design is rendered with a highly technological edge, enhanced with LED headlights and Daytime Running Lights (DRL).
  - Along its flanks, the Clarity shows off sharp character lines.
  - The alloy wheels have unique covers that help smooth the airflow and cool the disc brakes—while looking highly advanced.
  - And in back, LEDs are used in the taillights, brake lights and turn signals for an edgy look as well as quick actuation and ample brightness.
- 

## Aerodynamic Performance

**FEATURE:** The Clarity's overall shape is designed to minimize wind resistance around the car.

- The seamless transitions at the A- and C-pillars help reduce turbulence.
- “Air curtains” ahead of both the front and rear wheel openings direct air smoothly over the wheels—which further benefit from aerodynamically designed wheel covers.
- The underside of the car has been covered to enhance airflow, reduce wind noise and maximize highway-speed efficiency.
- Clarity’s special laser welding process is used to eliminate the joint molding between the roof and side panels and help the car slip through the air.

**BENEFIT:** In addition to minimizing wind noise for a more comfortable ride, the Clarity's aerodynamic shape enhances performance efficiency as well.

---

Every Clarity is equipped with unique 18-inch aluminum-alloy wheels and specially designed wheel covers that enhance both aerodynamic performance and brake-disc cooling.

## Wheels and Tires

To further enhance efficiency, the tires are 235/45 R18 Michelin Energy Saver all-season units designed to minimize rolling resistance while retaining fun-to-drive handling dynamics.



---

## Body-Colored Power Side Mirrors

Body-colored power side mirrors allow the driver to adjust the mirror positions with ease.

- The passenger-side mirror includes an integrated Honda LaneWatch™<sup>1</sup> camera.
- The mirrors were specifically designed to be aerodynamic, reducing wind noise and drag.



---

## Power Door Locks with Remote Entry

**FEATURE:** A remote entry system is standard equipment.

- The remote entry system allows the driver to unlock the doors and trunk with the press of a button, using a wave key with integrated controls.
- The system has a range of up to 50 feet and includes an emergency “panic” button that sounds the horn when pressed.
- Clarity features a security system that is automatically activated when the LOCK button on the remote is pushed; a beep of the horn confirms that the security system is set.
- Any unauthorized entry will then sound the alarm.
- Besides controlling the power door locks, buttons on the remote can lower the power windows; this allows drivers to vent the interior of the vehicle as they approach.
- The remote has a button to open the charge-port door as well; after opening, push and hold the button for a few seconds to override any preprogrammed charge timing and allow charging as needed.

**BENEFIT:** Clarity’s remote entry system and standard security system enhance driver confidence and convenience.

---

## Programmable Auto-Locking Doors

**FEATURE:** Clarity comes with a system that will automatically lock the doors.

- The auto-locking system is preset to automatically lock the doors when the vehicle reaches approximately 10 mph.

- Drivers can program the system to lock and unlock doors in several different ways based on their preference, or deactivate the system, if desired.
- Please refer to the owner's manual for more details.

**BENEFIT:** Clarity's auto-locking doors make for greater driver confidence and convenience.

---

## Smart Entry

**FEATURE:** Clarity comes with Smart Entry and push button start.

- The Smart Entry system allows the driver to unlock the vehicle by just touching the door handle, start the car and shut it off at the end of the trip by pressing the POWER button, and then get out and touch the LOCK button on the door handle to secure the car—all without ever touching a key.
- It only requires that the driver have possession of the Smart Entry remote.

**BENEFIT:** Smart Entry makes it especially easy and convenient to unlock, drive and relock the Clarity.

---

## Smart Wiper System

**FEATURE:** The Clarity introduces a remarkable windshield wiper/washer system.

- The washer nozzles are mounted on either side of the wiper arms, rather than at the base of the windshield as in normal systems.
- When the driver initiates the washer, the nozzles only spray in the direction the wiper blade is moving.

**BENEFIT:** This system enhances the driver's visibility during washer operation while using less fluid to clean the windshield.

---

## LED Headlights with Auto-On/Off (Low- and High-Beam)

**FEATURE:** The Clarity comes standard with auto-on/off LED headlights.

- The LED headlights provide better light distribution during nighttime driving, while consuming less than one-half the electrical power of conventional halogen headlights.
- The headlights are sculpted for maximum aerodynamic efficiency and to add excitement and luster to the body design.

**BENEFIT:** The Clarity's headlights help enhance nighttime vision for greater driver confidence, while making for greater efficiency.

---

## LED Daytime Running Lights (DRL)

Clarity's standard LED Daytime Running Lights (DRL) issue a bold styling statement while helping to increase the visibility of the vehicle, making it easier for other drivers and pedestrians to see the Clarity in both daylight and twilight conditions.

---

## LED Taillights

Compared to traditional incandescent bulbs, Clarity's LED taillights use less power and have a longer service life. They also provide a high-tech look to the rear of the vehicle. The lenses on the Clarity Electric appear clear—and show red only when illuminated.

---

## Cargo Area

The Clarity's clever packaging helps to optimize cargo room in the trunk, easily accommodating golf bags or overhead-compartment-sized luggage. The Clarity Electric features a large 14.3 cubic feet of cargo volume, plus a 60/40 split fold-down rear seatback.

---

1. Display accuracy will vary based on weather, size of object and speed, and the display may not show all relevant traffic. The display is not a substitute for your own direct visual assessment of traffic conditions before changing lanes.

## INTERIOR



## Interior

### Taking Comfort in an Eco-Conscious Space

The Honda Clarity Electric's cabin provides yet another compelling example of how environmentally responsible materials can be entirely compatible with human wants and needs. The Clarity offers its occupants spacious comfort and luxurious convenience while limiting its impact on the environment.

- About 80% of the interior surfaces are covered with material using recycled products, plant-based fibers or other environmentally sensitive features.
- With expansive room for five passengers, highly sophisticated design cues and a comprehensive suite of convenience and connectivity features, the Clarity Electric provides an extremely inviting place to spend time.

---

## Comfortable Seating

**FEATURE:** The Clarity's seats are designed to provide exceptional comfort as well as ample support during sporty driving.

- The Clarity offers seating for 5 adult passengers.
- The perforated seat inserts are made of luxuriously supple leather for an upscale feel.
- Seat bolsters are covered with an eco-conscious leatherette material backed by a special bio-yarn fabric to help provide a smooth, soft sensation to the touch.
- The front seats are heated.
- The driver's seat features 8-way power adjustment.
- The front passenger enjoys 4-way power seat adjustment.
- A 2-position memory system accommodates the adjustment preferences of a pair of drivers.

**BENEFIT:** The Clarity's seats provide passengers with a premium experience on the road, assuring exceptional comfort and support.

---

**FEATURE:** The Clarity Electric comes with a clean, intuitive instrument panel that's highly engaging.

- A large digital speedometer dominates the center of the panel.
- A range indicator below the speedometer shows the maximum range available—with and without using

### Instrument Panel

the climate control system.

- An arc surrounding the center of the panel indicates the amount of battery power being sent to the drive motor to power the front wheels; it also shows the energy being captured for recharging the battery during deceleration and regenerative braking.
- In addition to an odometer, trip meter and outside-temperature gauge, the center display also allows the driver to toggle between navigation, phone, audio and more; this is the place where you can set the charge timer using the Vehicle Settings menu as well.
- On the left side of the panel, a meter projects the power being consumed by both the drive motor and the climate control system.
- On the right side, the battery's state of charge is displayed.



**BENEFIT:** The Clarity Electric's instruments keep the driver instantly apprised of important information.

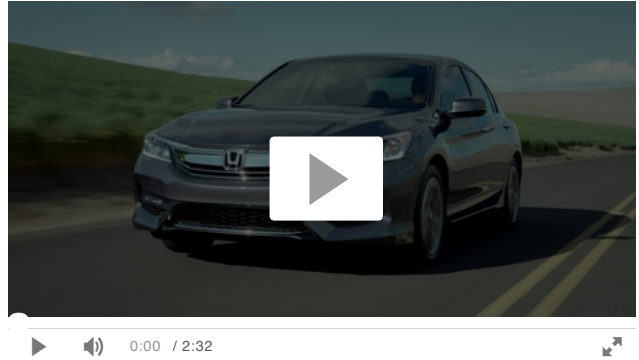
---

**FEATURE:** The Clarity features Display Audio with an 8-inch electrostatic touch-screen. It is the gateway to many audio sources, vehicle settings, Apple CarPlay™<sup>1</sup>, Android Auto™<sup>2</sup> and HondaLink®<sup>3</sup> features—and the Garmin-based, Honda Satellite-Linked Navigation System™<sup>4</sup>.

- To take advantage of all the available features requires a connection between the system and the user's smartphone via *Bluetooth*®<sup>5</sup> HandsFreeLink® and a USB cable plugged into the left-hand USB Audio Interface<sup>6</sup> in the center stack.
- The Clarity's Display Audio supports both Apple CarPlay™<sup>1</sup> and Android Auto™<sup>2</sup>. After pairing a compatible iPhone®<sup>7</sup> or Android™<sup>2</sup> phone to the Display Audio, some of the phone's features can populate on the touch-screen. So there's no need to ever touch the phone while driving.

## Display Audio with Apple CarPlay™ and Android Auto™

- You can control phone features, including music and messaging, hands-free using Siri®<sup>8</sup> or Google Voice. It makes using the phone easier and reduces the potential for driver distraction.
- Android Auto and Apple CarPlay are also compatible with a number of third-party smartphone apps like iHeart Radio. When downloaded to the user's Android phone or iPhone, their icons will appear on the touch-screen and can be controlled by voice commands.



Display Audio<sup>10</sup> with the Honda Satellite-Linked Navigation System™<sup>4</sup> incorporates a graphic interface and functionality developed in association with Garmin.

- The Display Audio screen provides smartphone-like functionality, such as pinching to zoom in and out, swiping to scroll and tapping or sliding for volume control.
- And the Clarity Electric system's database features location data and mapping for charging stations as well.

See the owner's manual for more information on Display Audio.



**BENEFIT:** The Display Audio enables users to engage their audio system and Web content on a large, easy-to-use interface to help stay connected to their world with less driver distraction.

---

## HondaLink®

**FEATURE:** Clarity has a unique HondaLink<sup>3</sup> smartphone-app suite of functions.

- In addition to many functions featured on conventional models like Accord, Clarity features an at-a-glance range-remaining indicator, plus a charging-station finder on Clarity Electric; it can also use the phone's embedded mapping to guide drivers to the nearest station.

- The app can send special pop-up warnings for conditions such as the power was left on, the doors weren't locked, a tire has low pressure, etc.
- If the charging cord becomes disconnected during charging, the system will a warning message to your smartphone as well.
- There are also parking-reminder and car-finder features.
- The remote feature to precondition the cabin temperature is incorporated into the Clarity's HondaLink smartphone app for increased comfort and ease of use.
- You can even schedule a time to precondition the cabin for every day of the week.
- These features and services become available after downloading the appropriate HondaLink app from the App Store or Google Play, registering online and then pairing the user's smartphone to their vehicle.
- Access HondaLink features in-car through the Display Audio or from anywhere else using the HondaLink smartphone app (cell signal required).
- Complete details of the HondaLink app's features, benefits and use will be detailed in an upcoming Clarity Delivery Web-Based Training, as well as in video modules available on the Honda Tech Tutor at [hondatechtutor.com](http://hondatechtutor.com); so keep an eye out for these assets to become available.

***BENEFIT:*** HondaLink vastly extends the range from which the driver can exercise control and gather information about the vehicle, for exceptional convenience.

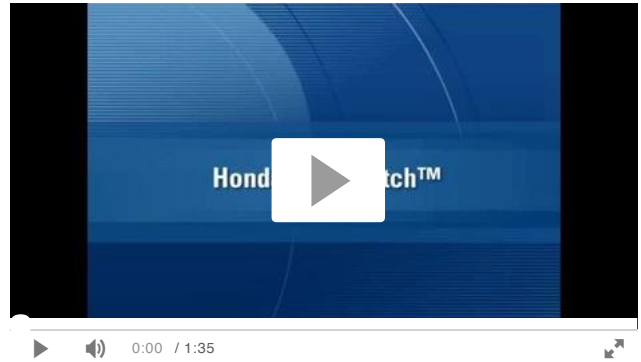
-----

**FEATURE:** Honda LaneWatch<sup>TM11</sup> uses a camera located below the passenger-side mirror to display an expanded rear view of the passenger's side roadway through the Display Audio screen.

- The image appears when the right-turn signal is activated or a button on the end of the stalk is pushed.
- The normal field of view for a passenger-side mirror is approximately 18 to 22 degrees.
- However, the Honda LaneWatch<sup>11</sup> field of view is about four times greater, or approximately 80 degrees.
- The system enables the driver to see traffic, as well as objects or pedestrians, in the passenger-side roadway.

***BENEFIT:*** Honda LaneWatch<sup>11</sup> adds confidence and convenience when driving on roads with multiple lanes of traffic.

-----



## Rearview Camera

**FEATURE:** The Clarity comes with a multi-angle rearview camera<sup>12</sup> with three viewing angles—Wide View, Normal View and Top-Down View.

- Drivers may select the preferred view according to the situation during reverse driving.
- The system features both static and dynamic guidelines.
- The dynamic guidelines bend according to steering-wheel position to show the path the car will take when backing up.

**BENEFIT:** The Clarity's rearview camera helps provide greater driver confidence and convenience when backing up.

---

**FEATURE:** The Clarity Electric gives drivers the ability to change the vehicle's drive modes to suit driving conditions—or just to make it more fun.

- Selecting the Sport mode makes the car even more responsive to the throttle, perfect for when the driver desires spirited driving; note that range will be reduced in Sport mode.
- Pushing the ECON button helps enhance range by softening accelerator responsiveness.

**BENEFIT:** The Clarity Electric's available drive modes can enhance efficiency as well as help provide greater driving satisfaction.

---



## Sport and ECON Modes



## Deceleration Selector Paddles

**FEATURE:** The Clarity Electric extends even more control to the driver with deceleration selector paddles.

- Pulling the “minus” paddle increases the regenerative braking effect, providing a feel similar to downshifting a conventional car.
- Four levels of regenerative braking are available through the paddles.
- Pulling the “plus” paddle decreases the regenerative braking until the normal level is restored.
- When Sport mode is engaged, the regenerative braking will remain at the level selected until another is chosen; in normal or ECON mode, the regenerative braking will return to the normal level automatically after a few seconds.

**BENEFIT:** These deceleration selector paddles make for a more engaging driving experience and even provide enhanced performance.

---

## Power Windows with Auto-Up/Down

Clarity has front and rear power windows with a one-touch auto-up/down driver’s and front passenger’s window. In addition, illuminated controls allow easier operation at night.

---

## Steering Wheel

The Clarity’s steering wheel is leather-wrapped for an upscale feel.

- Steering wheel-mounted audio controls allow drivers to adjust the audio system without taking their eyes off the road or hands off the wheel.
- The controls employ a user-friendly circular layout.
- The wheel places additional controls at the driver’s fingertips, including those for cruise control, *Bluetooth*<sup>®5</sup> HandsFreeLink<sup>®</sup> and the voice-recognition system.
- A tilt and telescopic steering column allows drivers to easily adjust the steering wheel to their liking.

---

## Interior Utility and Storage

Clarity makes it easy to keep necessities close at hand.

- The dual-deck console provides a shelf in the lower level for your connected smartphone.
- Behind the shift-by-wire control is a highly adjustable dual beverage holder that can hold a large variety of cup sizes.
- Immediately behind that, a padded armrest can hinge open to reveal an accommodating storage box.
- All four doors have pockets that can hold bottled beverages and snacks for that long road trip.
- Rear-seat passengers can avail themselves of the seatback and smartphone pockets built into both front seats.
- The fold-down rear-seat center armrest contains yet another pair of handy beverage holders.

-----

## Dual-Zone Automatic Climate Control

**FEATURE:** Clarity features a dual-zone automatic climate control system with independent left and right temperature controls.

- A single temperature can be selected for the entire cabin, or the driver and front passenger can set different temperatures for their sides of the cabin.
- The dual-zone climate control system uses global positioning system (GPS) technology to monitor the vehicle position relative to the sun, making necessary adjustments to ensure that selected interior temperatures remain stable in the respective zones.

**BENEFIT:** Front-seat occupants can set their own temperatures for enhanced comfort.

-----

The Clarity's premium audio system will delight even the most discerning audiophile.

- The amplifier is rated at 180 watts, powering a total of 8 speakers.
- Four door-mounted speakers measure 170mm and feature Kevlar cones.
- Four tweeters have aluminum-dome construction.

-----

## Clarity Audio System



## Clarity Audio and Connectivity Specs

<b>Watts</b>	<b>180</b>
<b>Speakers</b>	<b>8</b>
<b>Pandora® Compatibility<sup>16</sup></b>	•
<b>SMS Text Message Function<sup>17</sup></b>	•
<b>SiriusXM® Radio<sup>18</sup></b>	•
<b>HD Radio™<sup>19</sup></b>	•
<b>Bluetooth®<sup>9</sup> HandsFreeLink®</b>	•
<b>Bluetooth®<sup>9</sup> Streaming Audio</b>	•
<b>USB Smartphone/Audio Interface<sup>8</sup></b>	<b>1.5A</b>
<b>USB Smartphone Interface<sup>8</sup></b>	<b>1.0A</b>
<b>Speed-Sensitive Volume Control</b>	•

---

## Pandora® Compatibility

**FEATURE:** Pandora<sup>13</sup> is a music service that allows users to open an account online and create up to 100 personalized Internet “radio stations” that are based on favorite songs or artists.

- By downloading the Pandora app to a smartphone, starting it and linking through the Clarity’s *Bluetooth*<sup>®5</sup> feature, users can listen to Pandora’s customizable music stations.
- On the Clarity, this feature works with select iPhone<sup>®7</sup>, Android™<sup>2</sup> and BlackBerry<sup>®17</sup>

**BENEFIT:** Pandora allows occupants to enjoy a custom audio experience while on the road.

---

## Honda Satellite-Linked Navigation System™ with Voice Recognition and Honda HD Digital Traffic

**FEATURE:** The Honda Satellite-Linked Navigation System<sup>4</sup> uses GPS technology and a fast flash-based operating system to provide drivers with guidance to their chosen destinations.

- Voice-recognition technology allows the driver to speak city and street names aloud, and the system responds by displaying matches available in the database.
- A massive point-of-interest (POI) database includes telephone numbers, which can be dialed using the *Bluetooth*<sup>®5</sup> HandsFreeLink<sup>®</sup> system when the driver's cellular telephone is connected to the system.
- The Clarity Electric's database includes information on charging station locations.
- The navigation system can also provide continuously updated Honda HD Digital Traffic incident data for many large cities that lets drivers choose faster, less-congested routes to get to their destinations sooner.
- The Display Audio<sup>10</sup> touch-screen makes utilizing the entire system both intuitive and easy.

**BENEFIT:** Clarity Electric drivers can travel with full confidence that they can reach their destination with ease—and find virtually whatever they need along the way.

**FEATURE:** As with a conventional cruise-control system, Adaptive Cruise Control (ACC)<sup>18</sup> allows the driver to set a desired speed. But ACC goes a step further, allowing the driver to set a desired speed *and* the following

### Adaptive Cruise Control (ACC) with Low-Speed Follow

interval behind a vehicle detected ahead.

- While driving on a highway, engagement of Adaptive Cruise Control prompts the driver to select a short, medium or long interval behind the vehicle detected ahead; ACC then modulates the throttle and applies moderate braking, if necessary, to hold the selected following interval.
- The low-speed follow feature adds even greater functionality: When the preceding detected vehicle slows to a stop, ACC can stop the Clarity automatically.
- To resume operation, the driver just needs to push the cruise-control toggle switch toward RES/+ or press the accelerator, and the Clarity will resume moving up to the ACC system's prior set speed.

**BENEFIT:** Adaptive Cruise Control (ACC)<sup>18</sup> simplifies driving and helps reduce driver fatigue during highway driving by automatically controlling the following interval to the vehicle detected ahead. And the low-speed follow feature makes it easier to drive in stop-and-go traffic. The driver, however, must continue to be engaged and alert to driving conditions.



**FEATURE:** The Lane Keeping Assist System (LKAS)<sup>19</sup> is designed to determine whether the vehicle is unintentionally leaving the center of a detected lane, and can help bring the vehicle back to center if it determines this is the case.

- The system, a part of the Honda Sensing<sup>®</sup> suite of active driver-assistive technologies, uses a windshield-mounted camera to look for lane markers, and the Electric Power Steering (EPS) to help steer the vehicle.
- The system is able to identify Botts' Dots and other lane markings, and is intended for highway use, working at speeds of between 45 and 90 mph.

## Lane Keeping Assist System (LKAS)

- If LKAS determines the vehicle is deviating from the center of a detected lane with no turn-signal activation by the driver, it will apply modest steering torque to attempt to steer the vehicle back into the center of the lane.
- This can be especially useful when traveling on narrow roadways, such as carpool lanes.
- The LKAS system is not intended to take over driving or steering the vehicle—control of the vehicle remains the driver’s responsibility; drivers must keep their hands on the steering wheel for the system to operate.
- LKAS only assists the driver in maintaining proper lane position when lane markings are identified without a turn signal in use and can only apply mild steering torque to assist.



**BENEFIT:** LKAS<sup>19</sup> can help provide a more confident driving experience on narrow roadways.

1. Apple CarPlay is a trademark of Apple Inc.
2. Android and Android Auto are trademarks of Google Inc.
3. Check the HondaLink® website for smartphone compatibility.
4. The Honda Satellite-Linked Navigation System™ is standard in the United States, Canada and Puerto Rico. (Honda HD Digital Traffic service only available in the United States, except Alaska). Please see your Honda dealer for details.
5. The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc., and any use of such marks by Honda Motor Co., Ltd., is under license.
6. The USB Audio Interface is used for direct connection to and control of some current digital audio players and other USB devices that contain MP3, WMA or AAC music files. Some USB devices with security software and digital rights-protected files may not work. Please see the owner's manual for details.
7. iPhone® is a registered trademark of Apple Inc.
8. Always remain attentive when driving. Certain functions are disabled or inoperable while the vehicle is in motion. Only operate the system when conditions permit you to safely do so. State or local laws may prohibit use of handheld electronic devices while operating a vehicle. iPhone and Siri are trademarks of Apple, Inc.
9. Display accuracy will vary based on weather, size of object and speed, and the display may not show all relevant traffic. The display is not a substitute for your own direct visual assessment of traffic conditions before changing lanes.
10. Always visually confirm that it is safe to drive before backing up; the rearview camera display does not provide complete information about all conditions and objects at the rear of your vehicle.
11. Pandora, the Pandora logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc. Used with permission. Compatible with select smartphones. See: [www.pandora.com/everywhere/mobile](http://www.pandora.com/everywhere/mobile). Not all devices compatible with USB connection. Your wireless carrier's rate plans apply.
12. Compatible with select phones with Bluetooth®. Your wireless carrier's rate plans apply. State or local laws may limit use of texting feature. Only use texting feature when conditions allow you to do so safely.
13. SiriusXM services require a subscription after any trial period. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call SiriusXM at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at [www.siriusxm.com](http://www.siriusxm.com). Fees and programming subject to change. XM satellite service is available only to those at least 18 years and older in the 48 contiguous United States and D.C. ©2017 SiriusXM Radio Inc. Sirius, XM and all related marks and logos are trademarks of SiriusXM Radio Inc.
14. HD Radio is a proprietary trademark of iBiquity Digital Corporation.
15. BlackBerry®, RIM®, Research In Motion®, SureType® and related trademarks, names and logos are the property of Research In Motion Limited and are registered and/or used in the U.S. and countries around the world. Used under license from Research In Motion Limited.
16. Adaptive Cruise Control (ACC) with Low-Speed Follow (LSF) cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed, and other factors. ACC should not be used in heavy traffic, poor weather, or on winding roads. Driver remains responsible for safely operating vehicle and avoiding collisions.
17. LKAS only assists driver in maintaining proper lane position when lane markings are identified without a turn signal in use and can only apply mild steering torque to assist. LKAS may not detect all lane markings; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.

## EPA MILEAGE RATINGS

### 2017 EPA Mileage Ratings

EPA MILEAGE RATINGS<sup>1</sup>/FUEL

1. 126/103/114 city/highway/combined miles per gallon of gasoline-equivalent (MPGe) rating; 89 mile combined (city/highway) driving range rating. Ratings determined by EPA. Your MPGe and range will vary depending on driving conditions, how you drive and maintain your vehicle, battery age/condition, and other factors. For additional information about EPA ratings, visit <http://www.fueleconomy.gov/feg/label/learn-more-electric-label.shtml>

## ENGINEERING



### Clarity Electric Powertrain

The Clarity Electric is propelled by a torque-rich electric motor powered by a pair of large storage batteries.

- The storage batteries are designed to enhance efficiency by capturing free kinetic energy during deceleration and regenerative braking; the batteries are located under the front and rear seats.
- The compact size of the batteries allows the Clarity Electric to provide exceptional spaciousness and comfort for 5 passengers.

### Drive Motor Power and Torque

#### Clarity Electric

Horsepower/Kilowatts (SAE net @ rpm)	161/120 @ 4000-9500
Torque (lb-ft @ rpm)	221 @ 0 - 3500

### Direct-Drive Transmission

Thanks to the electric drive motor's ability to generate maximum torque from 0 to 3500 rpm—and its ability to rev much higher than a conventional engine—the Clarity Electric uses a single-speed gearbox to transmit power to the front drive wheels.

**Important Note:** When using a conveyor-type carwash, the transmission must be set to carwash mode; here's how it's done:

- After coming to a complete stop and maintaining pressure on the brake pedal, press the transmission's N button

- Within 6 seconds, press the N button again and hold it for at least 2 seconds
  - You can now unbuckle your seat belt and exit the car while it remains in neutral
  - To cancel carwash mode, select any other gear position than N
- 

## Advanced Chassis Features

The Clarity has several unique engineering features designed to enhance performance and achieve lighter overall weight.

- The hood, front fenders, doors, trunklid and rear shelf are rendered in aluminum.
  - The body structure uses two grades of ultra-high-tensile steel for exceptional strength.
  - A newly developed process yields a strong yet lightweight aluminum front bumper beam.
  - The Clarity boasts the world's first automotive application of a hollow aluminum die-cast front subframe for remarkable lightness.
  - The aluminum rear subframe is lightweight yet highly rigid.
- 

**FEATURE:** The Clarity's MacPherson strut front suspension helps provide excellent responsiveness, ride comfort and stability, with low road noise and exceptional driving enjoyment.

### MacPherson Strut Front Suspension

- Enhanced structural rigidity plays a part in the Clarity's suspension, providing highly rigid attachment points for the struts, as well as for the front subframe.
- The hydraulic struts are specially tuned for the ideal blend of comfort and handling.

**BENEFIT:** Clarity's MacPherson strut front suspension delivers excellent ride and handling quality, providing comfort along with enjoyable performance.

---



The Clarity's compact, multi-link rear suspension offers supple ride comfort and excellent overall handling.

---

## Multi-Link Rear Suspension



## 4-Wheel Disc Brakes with ABS

Clarity is equipped with 4-wheel disc brakes with 4-channel ABS for confident stops. The front discs measure 12.3 inches, and the rear discs are 12.2 inches in diameter.

---

## Electric Parking Brake with Automatic Brake Hold

**FEATURE:** The Clarity features an electric parking brake with automatic brake hold.

- Instead of the traditional hand lever or foot pedal for the parking brake, Clarity drivers can simply use the electric parking brake switch to set or release the vehicle's parking brake.
- The automatic brake hold, when activated, maintains braking pressure when the driver applies the brakes, such as in stop-and-go traffic; the brakes are released when the driver applies the accelerator.

**BENEFIT:** The electric parking brake provides a higher level of ease and sophistication when operating the parking brake, while the automatic brake-hold feature helps ease the stress of driving in stop-and-go traffic.

---

## SAFETY



Safety

Clarity Safety Features



Honda is fully dedicated to identifying, engineering and implementing technologies that enhance the safety of its vehicle occupants, the occupants of other vehicles on the road, and even pedestrians.

- These advances take the form of active safety features that help drivers avoid a collision, as well as passive safety features that help protect occupants when a collision occurs.
- Collision safety capability is considerable in the Clarity, thanks to the Advanced Compatibility Engineering™ (ACE™) body structure and extensive use of high-tensile steel.

---

## Honda Sensing®

Honda Sensing is designed to take advantage of a variety of technologies to enhance safety as well as driver awareness and convenience. The 2017 Clarity comes standard with the Honda Sensing™ suite of safety and driver-assistive features. It comprises these features:

- Safety features:
  - Collision Mitigation Braking System™ (CMBS™)<sup>1</sup>
  - Forward Collision Warning (FCW)<sup>2</sup>
  - Road Departure Mitigation System (RDM)<sup>3</sup>
  - Lane Departure Warning (LDW)<sup>4</sup>
- Driver-assistive features:
  - Adaptive Cruise Control<sup>5</sup> (ACC) with low-speed follow
  - Lane Keeping Assist System (LKAS)<sup>6</sup>

---

## Advanced Compatibility Engineering™ (ACE™) Body Structure

The Honda-exclusive Advanced Compatibility Engineering (ACE) body structure offers enhanced energy absorption in frontal crashes, including small overlap frontal collisions. This helps improve passenger-cabin crashworthiness and performance on rigorous crash tests.

ACE utilizes a network of connected structural elements to distribute crash energy more evenly throughout the front of the vehicle. This enhanced frontal crash-energy management helps to reduce the forces transferred to the passenger compartment and can help to more evenly disperse the forces transferred to other vehicles in a crash.



---

## High-Tensile Steel

The Clarity unit-body uses 38 percent high-tensile steel. This contributes to high body rigidity and low weight, which directly benefit ride and handling, interior quietness, performance and efficiency, without compromising crash safety or long-term durability.

-----

The Clarity's Collision Mitigation Braking System (CMBS)<sup>1</sup> is one of the most sophisticated safety systems available. It incorporates the features of the Forward Collision Warning (FCW)<sup>2</sup> system. A part of the Honda Sensing suite of technologies, CMBS<sup>1</sup> is designed to alert drivers of a potential collision via visual and audible alerts and help the driver take corrective actions. The system can even apply the brakes to help reduce the forces of a collision if the system determines one to be unavoidable.

The system is designed to perform in three stages:

**STAGE ONE:** If the system detects a risk of collision with a vehicle ahead, a pedestrian or an oncoming vehicle, it will issue visual and audible alerts to the driver.

**STAGE TWO:** If the risk of a collision increases and the driver takes no action, the system will continue the visual and audible alerts, and begin to apply light braking.

**STAGE THREE:** If the system determines that a collision is unavoidable, it will continue the visual and audible alerts, and apply strong braking to help mitigate the forces of the collision.

The CMBS system will not be able to apply enough braking force to prevent all collisions. CMBS also cannot detect all objects ahead; the driver must intervene in certain situations, and must always be attentive when using the system. Also, CMBS may not go through all three stages, and may automatically engage the final stage if the system deems it necessary.

### Collision Mitigation Braking System™ (CMBS™)<sup>1</sup>



-----

The Road Departure Mitigation System (RDM)<sup>3</sup> employs the windshield-mounted camera also used by LDW to identify the side of the road, including painted lane lines, Botts' Dots and cat's-eye markers. When the system  
**Road Departure Mitigation System<sup>3</sup>**

detects that the vehicle is about to leave the road, it alerts the driver with an MID warning message. The system is designed to then use the Electric Power Steering system (EPS) to guide the vehicle back onto the roadway, or apply braking to help keep it from leaving the roadway.



Lane Departure Warning (LDW)<sup>4</sup> is a feature included in the Honda Sensing<sup>4</sup> suite of technologies. Incorporated

## Lane Departure Warning (LDW)<sup>4</sup>

into the Road Departure Mitigation System (RDM), it uses a windshield camera to visually detect lane lines in the road. If the driver begins to drift out of a detected lane without using the turn indicators, the system will alert the driver with an icon in the instrument panel and an audible warning, though the driver remains responsible for safely operating the vehicle and avoiding collisions. The system can be activated and deactivated by pressing a button on the lower-left portion of the instrument panel.



---

## SmartVent<sup>®</sup> Front Side Airbags

**FEATURE:** In the event of a moderate-to-severe side impact, the SmartVent side airbag is designed to deploy and inflate quickly to maximize potential protection for properly seated occupants, to help protect the driver's or front passenger's upper body from injury. Alternatively, the SmartVent airbag is designed to vent before fully inflating if an occupant is in the side-airbag deployment path, thereby decreasing the likelihood of an airbag-related injury.

**BENEFIT:** Innovative side-airbag technology improves occupant protection by reducing the risk of excessive airbag-deployment force.

---

## Driver's Knee Airbag

The Clarity features a knee airbag for the driver. Located below the steering column, the knee airbag is designed to help the driver maintain a proper position in a frontal crash to maximize the protection provided by the front airbags and seat belt.

- 
1. Depending on the circumstances, CMBS may not go through all the alert stages before initiating the last stage (of collision mitigation). CMBS cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. System operation affected by high interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.
  2. FCW cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. System operation affected by extreme interior heat. FCW does not include a braking function. Driver remains responsible for safely operating vehicle and avoiding collisions.
  3. Road Departure Mitigation only alerts drivers when lane drift is detected without a turn signal in use and can apply mild steering torque to assist driver in maintaining proper lane position and/or brake pressure to slow the vehicle's departure from a detected lane. RDM may not detect all lane markings or lane departures; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.
  4. LDW only alerts drivers when lane drift is detected without a turn signal in use. LDW may not detect all lane markings or lane departures; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.
  5. Adaptive Cruise Control (ACC) with low-speed follow cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed, and other factors. ACC should not be used in heavy traffic, poor weather, or on winding roads. Driver remains responsible for safely operating vehicle and avoiding collisions.
  6. LKAS only assists driver in maintaining proper lane position when lane markings are identified without a turn signal in use and can only apply mild steering torque to assist. LKAS may not detect all lane markings; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.

## SPECIFICATIONS & FEATURES

### 2017 CLARITY ELECTRIC SPECIFICATIONS & FEATURES

ENGINEERING	Clarity Electric
Electric Parking Brake with Automatic Brake Hold	•
Hill Start Assist ENGINEERING	• Clarity Electric
CARB Emissions Rating <sup>1</sup>	ZEV
Remote Climate Pre-Conditioning	•

-----

ELECTRIC POWER STORAGE	Clarity Electric
Lithium-Ion Battery	•
Capacity	25.5 kWh
Output	120 kW
6.6 kW Onboard 32-Amp Charger (Provides 17% Charge in 30 Minutes)	•

<b>ELECTRIC POWER STORAGE</b>	Clarity Electric
<b>Approximate Charging Time (hrs, 240V / 120V)</b>	<b>3.1 hrs. / 19 hrs.</b>

-----

<b>ELECTRIC MOTOR</b>	Clarity Electric
<b>Coaxial-Type High-Output Motor</b>	•
<b>Gear Ratios: 1st: 2.185, Reverse: 2.185, Final Drive: 3.688</b>	
<b>Max Horsepower/Kilowatts (SAE net @ rpm)</b>	<b>161 / 120 @ 4000~9500</b>
<b>Torque (lb-ft @ rpm)</b>	<b>221 @ 0 - 3500</b>

-----

<b>TRANSMISSION</b>	Clarity Electric
<b>Fixed, Single-Speed, Direct-Drive Transmission with Sport Mode and Shift-by-Wire (SBW)</b>	•
<b>Final Drive</b>	<b>3.83</b>

-----

<b>BODY/SUSPENSION/CHASSIS</b>	Clarity Electric
<b>Aluminum Sub-Frames (front/rear)</b>	•
<b>MacPherson Strut Front Suspension</b>	•
<b>Multi-Link Rear Suspension</b>	•
<b>Electric Power-Assisted Rack-and-Pinion Steering (EPS)</b>	•
<b>Stabilizer Bar (front/rear)</b>	<b>29 mm (Tubular) / 21.7 mm (Tubular)</b>
<b>Steering Wheel Turns, Lock-to-Lock</b>	<b>2.41</b>
<b>Steering Ratio</b>	<b>12.72 : 1</b>
<b>Turning Diameter, Curb-to-Curb</b>	<b>38.4 ft</b>
<b>Power-Assisted Ventilated Front Disc/Solid Rear Disc Brakes</b>	<b>12.3 in / 12.2 in</b>
<b>Alloy Wheels</b>	<b>18 in Hybrid Aerodynamic</b>
<b>All-Season Tires</b>	<b>235 / 45 R18 94V Michelin Energy Saver</b>
<b>Tire Repair Kit (TRK) with 24-Hour Assistance</b>	•

-----

<b>EXTERIOR MEASUREMENTS</b>	Clarity Electric
------------------------------	------------------

<b>Wheelbase</b>	<b>108.3 in</b>
<b>Length</b>	<b>192.7 in</b>
<b>Height</b>	<b>58.2 in</b>
<b>Width</b>	<b>73.9 in</b>
<b>Track (front/rear)</b>	<b>62.2 in / 62.5 in</b>
<b>Curb Weight</b>	<b>4024 lbs</b>
<b>Weight Distribution (front/rear)</b>	<b>51.1% / 48.9%</b>

-----

<b>INTERIOR MEASUREMENTS</b>	<b>Clarity Electric</b>
<b>Headroom (front/rear)</b>	<b>39.1 in / 37.1 in</b>
<b>Legroom (front/rear)</b>	<b>42.2 in / 36.7 in</b>
<b>Shoulder Room (front/rear)</b>	<b>59.6 in / 57.2 in</b>
<b>Hiproom (front/rear)</b>	<b>55.6 in / 55.6 in</b>
<b>Cargo Volume</b>	<b>14.3 cu ft</b>
<b>Passenger Volume</b>	<b>102.0 cu ft</b>
<b>Seating Capacity</b>	<b>5</b>

(HS) = feature is a component of the Honda Sensing suite of safety and driver-assistive features

-----

<b>EPA MILEAGE RATINGS<sup>2</sup>/FUEL</b>	<b>Clarity Electric</b>
<b>Electric-Only Miles-Per-Gallon of Gasoline-Equivalent (MPGe, City/Highway/Combined)</b>	<b>126 / 103 / 114</b>
<b>Combined Driving Range Rating</b>	<b>89 miles</b>
<b>EPA MILEAGE RATINGS / FUEL</b>	<b>Clarity Electric</b>

-----

<b>ACTIVE SAFETY</b>	<b>Clarity Electric</b>
<b>Acoustic Vehicle Alerting System (AVAS)</b>	•
<b>Vehicle Stability Assist™ (VSA®) with Traction Control<sup>3</sup></b>	•
<b>Anti-Lock Braking System (ABS)</b>	•
<b>Electronic Brake Distribution (EBD)</b>	•
<b>Brake Assist</b>	•
<b>Multi-Angle Rearview Camera with Dynamic Guidelines<sup>4</sup></b>	•
<b>Tire Pressure Monitoring System (TPMS)<sup>5</sup></b>	•
<b>LED Daytime Running Lights (DRL)</b>	•

<b>ACTIVE SAFETY</b>	<b>Clarity Electric</b>
<b>Forward Collision Warning (FCW)<sup>6</sup> (Honda Sensing<sup>®</sup> feature)</b>	•
<b>Lane Departure Warning (LDW)<sup>7</sup> (Honda Sensing<sup>®</sup> feature)</b>	•
<b>Collision Mitigation Braking System™ (CMBS™)<sup>8</sup> (Honda Sensing<sup>®</sup> feature)</b>	•
<b>Road Departure Mitigation System (RDM)<sup>9</sup> (Honda Sensing<sup>®</sup> feature)</b>	•

(HS) = feature is a component of the Honda Sensing suite of safety and driver-assistive features

<b>PASSIVE SAFETY</b>	<b>Clarity Electric</b>
<b>Advanced Compatibility Engineering™ (ACE™) Body Structure</b>	•
<b>Advanced Front Airbags</b>	•
<b>Driver's Knee Airbag</b>	•
<b>SmartVent<sup>®</sup> Front Side Airbags</b>	•
<b>Side Curtain Airbags with Rollover Sensor</b>	•
<b>3-Point Seat Belts at all Seating Positions</b>	•
<b>Front 3-Point Seat Belts with Automatic Tensioning System</b>	•
<b>Lower Anchors and Tethers for Children (LATCH): Lower Anchors (2nd-Row Outboard), Tether Anchors (2nd-Row All)</b>	•
<b>Driver's and Front Passenger's Seat-Belt Reminder</b>	•
<b>Child-Proof Rear Door Locks</b>	•

NOTES: roof, B-pillars and C-pillars are gloss black Upper window trim is chrome.

<b>DRIVER-ASSISTIVE TECHNOLOGY</b>	<b>Clarity Battery Electric</b>
<b>Lane Keeping Assist System (LKAS)<sup>10</sup> (Honda Sensing<sup>®</sup> feature)</b>	•
<b>Adaptive Cruise Control (ACC) with Low-Speed Follow<sup>11</sup> (Honda Sensing<sup>®</sup> feature)</b>	•
<b>Honda LaneWatch™<sup>12</sup></b>	•

<b>EXTERIOR FEATURES</b>	<b>Clarity Electric</b>
<b>Aluminum Hood / Trunk / Fenders / Doors</b>	•
<b>Smart Wiper System</b>	•
<b>Security System with Remote Entry</b>	•
<b>One-Touch Turn Indicators</b>	•
<b>LED Taillights</b>	•

<b>EXTERIOR FEATURES</b>	<b>Clarity Electric</b>
<b>Body-Colored Door Handles</b>	•
<b>Body-Colored Decklid Spoiler</b>	•
<b>Smart Entry</b>	•
<b>Body-Colored Power Side Mirrors</b>	•
<b>Fin-Type Roof-Mounted Antenna</b>	•
<b>LED Turn Indicators</b>	•
<b>LED Headlights with Auto-On/Off (low &amp; high beam)</b>	•

-----

<b>COMFORT &amp; CONVENIENCE</b>	<b>Clarity Electric</b>
<b>Dual-Zone Automatic Climate Control System</b>	•
<b>Leather-Wrapped Steering Wheel</b>	•
<b>Push Button Start</b>	•
<b>HomeLink® Remote System<sup>13</sup></b>	•
<b>Automatic-Dimming Rearview Mirror</b>	•
<b>Auto-Up/Down Power Windows</b>	•
<b>Illuminated Power Window Switches</b>	•
<b>Power Door Locks/Programmable Auto-Locking Doors</b>	•
<b>Cruise Control</b>	•
<b>Tilt and Telescopic Steering Column</b>	•
<b>Illuminated Steering Wheel-Mounted Controls</b>	•
<b>Center Console with Armrest and Storage Compartment</b>	•
<b>Driver's and Front Passenger's Illuminated Vanity Mirrors</b>	•
<b>LED Map Lights</b>	•
<b>Sunglasses Holder</b>	•
<b>12-Volt Power Outlets (front &amp; rear)</b>	•
<b>Beverage Holders (front &amp; rear)</b>	•
<b>Sliding Sunvisors</b>	•
<b>Driver- and Passenger-Side Seatback and Smartphone Pockets</b>	•
<b>Remote Fuel Filler Door Release</b>	•
<b>Electronic Remote Trunk Release</b>	•
<b>Rear-Window Defroster</b>	•
<b>Cargo Area Light</b>	•
<b>Floor Mats</b>	•
<b>Side Door Pockets</b>	•
<b>Glove Compartment</b>	•



---

SEATING	Clarity Electric
Driver's Seat with 8-Way Power Adjustment and Two-Position Memory	•
Front Passenger's Seat with 4-Way Power Adjustment	•
Perforated Leather-Trimmed Seats	•
Heated Front Seats	•
60/40 Split Fold-Down Rear Seatback with Center Armrest	•
Adjustable Front Seat-Belt Anchors	•

---

AUDIO & CONNECTIVITY	Clarity Electric
180-Watt Premium Audio System with 8 Speakers	•
8" Display Audio with High-Resolution WVGA (800x480) Electrostatic Touch-Screen and Customizable Feature Settings	•
HondaLink <sup>®14</sup>	•
Apple CarPlay <sup>™15</sup>	•
Android Auto <sup>™17</sup>	•
SiriusXM <sup>®</sup> Radio <sup>17</sup>	•
HD Radio <sup>™18</sup>	•
Bluetooth <sup>®</sup> HandsFreeLink <sup>®19</sup>	•
Bluetooth <sup>®</sup> Streaming Audio <sup>19</sup>	•
Pandora <sup>®20</sup> Compatibility	•
SMS Text Message Function <sup>21</sup>	•
Radio Data System (RDS)	•
USB Smartphone/Audio Interface <sup>22</sup>	1.5-Amp Port in Lower Front
USB Audio Interface <sup>22</sup>	1.0-Amp Port in Lower Front
Honda Satellite-Linked Navigation System <sup>™</sup> with Voice Recognition <sup>23</sup> , Honda HD Digital Traffic and Electric Charging Station Locator	•

---

DRIVER INFORMATION INTERFACE	Clarity Electric
Audio Settings	•
Average Fuel Economy Indicators (2)	•
Average Speed Indicator	•
Compass	•

<b>DRIVER INFORMATION INTERFACE</b>	<b>Clarity Electric</b>
<b>Customizable Feature Settings</b>	•
<b>Digital Odometer and Digital Trip Meters (2)</b>	•
<b>Elapsed Time Indicator</b>	•
<b>Exterior Temperature Indicator</b>	•
<b>Instant Fuel Economy Indicator</b>	•
<b>Maintenance Minder™ System</b>	•
<b>Odometer and Trip Meters (2)</b>	•
<b>Phone</b>	•
<b>Turn-By-Turn Directions</b>	•
<b>Warning Messages</b>	•

-----

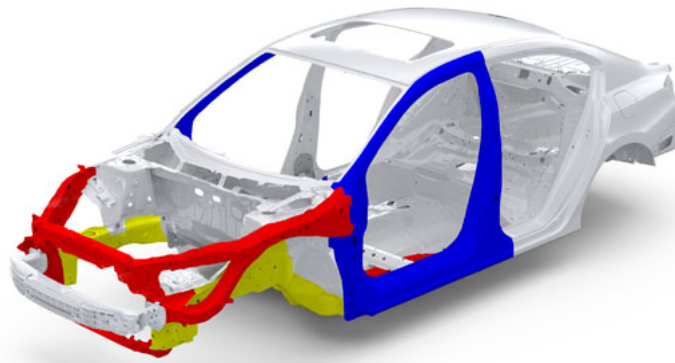
<b>INSTRUMENTATION</b>	<b>Clarity Electric</b>
<b>12-Volt Battery-Charging System Indicator</b>	•
<b>ABS Indicator</b>	•
<b>Adaptive Cruise Control (ACC) with Low Speed Follow (LSF) System Indicator</b>	•
<b>Airbag System Indicator</b>	•
<b>Automatic Brake Hold System and On Indicators</b>	•
<b>Brake System Indicator</b>	•
<b>Collision Mitigation Braking System (CMBS) Indicator</b>	•
<b>Electric Power Steering (EPS) Indicator</b>	•
<b>Gear Position Indicator</b>	•
<b>Headlights-On Indicator</b>	•
<b>High-Beam Indicator</b>	•
<b>High Voltage Battery Charge Level Indicator</b>	•
<b>Immobilizer System Indicator</b>	•
<b>Lane Keeping Assist System (LKAS) System Indicator</b>	•
<b>Lithium-Ion Battery Charge Level Indicator</b>	•
<b>Low-Tire Pressure/TPMS Indicator</b>	•
<b>Power System Indicator</b>	•
<b>Ready Indicator</b>	•
<b>Road Departure Mitigation (RDM) System Indicator</b>	•
<b>Seat-Belt Reminder Indicator</b>	•
<b>Security System Alarm Indicator</b>	•
<b>Shift Lever Position Indicator</b>	•
<b>Speedometer</b>	•

INSTRUMENTATION	Clarity Electric
<b>System Message Indicator</b>	●
<b>Turn Signal/Hazard Indicators</b>	●
<b>VSA System and VSA-Off Indicators</b>	●

-----

1. ZEV (Zero-Emission Vehicle) model as certified by the California Air Resources Board (CARB).
2. 126/103/114 city/highway/combined miles per gallon of gasoline-equivalent (MPGe) rating; 89 mile combined (city/highway) driving range rating. Ratings determined by EPA. Your MPGe and range will vary depending on driving conditions, how you drive and maintain your vehicle, battery age/condition, and other factors. For additional information about EPA ratings, visit [www.fueleconomy.gov/feg/label/learn-more-electric-label.shtml](http://www.fueleconomy.gov/feg/label/learn-more-electric-label.shtml)
3. VSA is not a substitute for safe driving. It cannot correct the vehicle's course in every situation or compensate for reckless driving. Control of the vehicle always remains with the driver.
4. Always visually confirm that it is safe to drive before backing up; the rearview camera display does not provide complete information about all conditions and objects at the rear of your vehicle.
5. For optimal tire wear and performance, tire pressure should be checked regularly with a gauge. Do not rely solely on the monitor system. Please see your Honda dealer for details.
6. FCW cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. System operation affected by extreme interior heat. FCW does not include a braking function. Driver remains responsible for safely operating vehicle and avoiding collisions.
7. LDW only alerts drivers when lane drift is detected without a turn signal in use. LDW may not detect all lane markings or lane departures; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.
8. CMBS cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. System operation affected by extreme interior heat. System designed to mitigate crash forces. Driver remains responsible for safely operating vehicle and avoiding collisions.
9. Road Departure Mitigation only alerts drivers when lane drift is detected without a turn signal in use and can apply mild steering torque to assist driver in maintaining proper lane position and/or brake pressure to slow the vehicle's departure from a detected lane. Road Departure Mitigation may not detect all lane markings or lane departures; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.
10. LKAS only alerts drivers when lane drift is detected without a turn signal in use and can apply mild steering torque to assist driver in maintaining proper lane position. LKAS may not detect all lane markings or lane departures; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.
11. ACC cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. ACC should not be used in heavy traffic, poor weather or on winding roads. The driver remains responsible to slow or stop the vehicle to avoid a collision.
12. Display accuracy will vary based on weather, size of object and speed, and the display may not show all relevant traffic. The display is not a substitute for your own direct visual assessment of traffic conditions before changing lanes.
13. HomeLink® is a registered trademark of Gentex Corporation.
14. Check the HondaLink® website for smartphone compatibility.
15. Apple CarPlay is a trademark of Apple Inc.
16. Android and Android Auto are trademarks of Google Inc.
17. SiriusXM services require a subscription after any trial period. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call SiriusXM at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at [www.siriusxm.com](http://www.siriusxm.com). Fees and programming subject to change. XM satellite service is available only to those at least 18 years and older in the 48 contiguous United States and D.C. ©2016 SiriusXM Radio Inc. Sirius, XM and all related marks and logos are trademarks of SiriusXM Radio Inc.
18. HD Radio is a proprietary trademark of iBiquity Digital Corporation.
19. The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc., and any use of such marks by Honda Motor Co., Ltd., is under license.
20. Pandora, the Pandora logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc. Used with permission. Compatible with select smartphones. See: [www.pandora.com/everwhere/mobile](http://www.pandora.com/everwhere/mobile). Not all devices compatible with USB connection. Your wireless carrier's rate plans apply.
21. Compatible with select phones with Bluetooth®. Your wireless carrier's rate plans apply. State or local laws may limit use of texting feature. Only use texting feature when conditions allow you to do so safely.
22. The USB interface is used for playback of MP3, WMA or AAC music files from digital audio players and other USB devices, as well as smartphone data transfer on designated Smartphone/Audio Interface ports. Some USB devices and files may not work. Please see your Honda dealer for details.
23. The Honda Satellite-Linked Navigation System™ is standard in the United States, Canada and Puerto Rico. (Honda HD Digital Traffic service only available in the United States, except Alaska). Please see your Honda dealer for details.

## SHARED TECHNOLOGIES



## Shared Technologies

### **What's the Benefit?**

The major benefits of aerodynamic design include:

- Better fuel efficiency<sup>1</sup> (especially at highway speeds).
- Quieter ride at highway speeds due to less turbulence and wind noise.
- Better stability and resistance to crosswinds.

### **The Feature:**

Honda subjects each model to extensive wind-tunnel testing.

### Aerodynamic Design

- Honda automobiles feature flat, turbulence-reducing underbody panels, and flush-fitting headlights, glass and door handles.
- Mirrors are rounded, bumpers are smoothly contoured and grille openings are minimized to further aid in drag reduction.
- Special attention is given to the gaps and seams where body panels, doors and bumpers meet.



---

### Body/Chassis Design and Corrosion Protection

#### **What's the Benefit?**

By designing against rust, corrosion and road damage, Honda engineers help ensure many years of reliable performance.

#### **The Feature:**

All Honda vehicles utilize unit-body construction.

- The body and frame are made of steel stampings robotically welded into strong box sections; the outer-skin panels contribute to the integrity of the unit body.
- Extensive corrosion protection is built in at the time of manufacture.
- All body panels are made of rust-resistant, electro-galvanized steel or aluminum alloy.

- Panels are joined to eliminate traps where water can collect, helping prevent rust.
- A special chip-resistant paint is applied along the lower body sides to fend off stone damage, and body seams are protected by a sealer that helps keep out dust and moisture.
- Plastic wheelwell liners, splash guards and rocker panels help protect the underside from chipping.



## Honda Paint

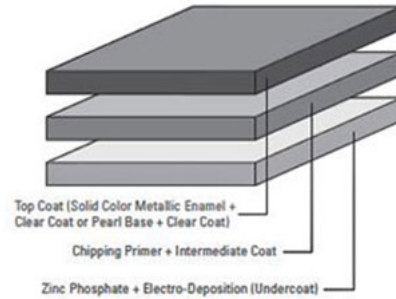
### What's the Benefit?

A beautiful, long-lasting finish enhances the enjoyment and value of all Honda products.

### The Feature:

The Honda painting process involves several critical steps:

- Each body is cleaned and degreased, and then undercoated by immersion in a zinc-phosphate bath.
- The body is then dipped in a soluble, electro-deposited primer.
- To prevent dust and moisture from accumulating in critical areas, special sealants are sprayed into crevices and seams in the body.
- Areas of the body that are susceptible to stone and gravel damage are coated with a special anti-chipping primer.
- An intermediate primer coat is applied, followed by either a polyester-resin or acrylic-resin top coat.
- Metallic and pearlescent paints receive an additional clear coat.



## One-Touch Open/Close Power Moonroof

### What's the Benefit?

The available moonroof lets passengers vent the cabin with the tilt feature, or enjoy fresh air and a view of the sky when it's opened wide.

### The Feature:

The power moonroof with tilt feature:

- Includes one-touch control for both opening and closing, eliminating the need to continually hold the switch.
- Has an auto-reverse feature, which will reverse direction if it detects resistance to closing.
- Comes with a manually operated sliding sunshade for especially bright or hot days.



## Integrated Key and Remote

### What's the Benefit?

The remote-entry and key system enhances ease of use as well as security.

**The Feature:**

The integrated remote and key system makes accessing and operating the vehicle super easy.

- It features door-lock, door-unlock and “panic” buttons.
- A separate key fob is provided for valet services; this fob allows only locking and unlocking the driver’s door and operating the ignition

---

## Immobilizer Theft-Deterrent System

**What’s the Benefit?**

This system helps keep Honda vehicles where they belong—in the possession of their owners.

**The Feature:**

The Honda ignition key features an electronic code that makes it practically impossible to duplicate. Only recognition of this electronic signature by the immobilizer system will allow the fuel-injection system and ignition circuitry to be activated.

**What’s the Benefit?**

Imagine being able to start your vehicle before you get in, so it’ll already be cooled off inside on a hot day—or

## Remote Engine Start

warmed up and defrosted on a cold one. That’s the idea behind the standard remote engine start on select trims.

**The Feature:**

The remote engine start is easy to use and enjoy.

- It works when you’re within about 40 yards of the vehicle.
- Just push the LOCK button on the remote and then push and hold the ENGINE START button for at least a second—the starter will fire up the engine, and the automatic climate control system will begin conditioning the interior to a temperature of 72° F.
- When you reach the vehicle with the remote in your possession, you can enter the vehicle as normal—the engine will keep running.
- To drive, step on the brake pedal and push the ENGINE START button once; the instruments will illuminate and you’ll be ready to go.

**What’s the Benefit?**

Select models raise convenience to a higher level with rain-sensing windshield wipers.

**The Feature:**

This automatic system is engaged and adjusted with the wiper lever.

## Rain-Sensing Windshield Wipers

- When the wiper lever is moved to the AUTO position, a sensor system will initiate wiper action when it detects moisture on the windshield.
- Drivers can adjust the system's level of sensitivity with the ring control on the wiper lever.

**Important Note:** The wiper lever must be moved to the OFF position when the windshield is being cleaned or the vehicle is going through a car wash; otherwise, the wipers could be damaged.



---

## VTEC Engineering

### What's the Benefit?

Honda's variable valve timing and lift electronic control (VTEC<sup>®</sup>) helps an engine make usable power throughout its entire rpm range, for satisfying throttle response in all situations. Fuel efficiency<sup>1</sup> and emissions performance are enhanced as well.

### The Feature:

VTEC is an elegant engineering solution that solves a problem inherent in internal combustion engines:

- Intake and exhaust valve-opening characteristics (timing, duration and lift) that work well for low-speed power production are extremely inefficient at high engine speeds, and vice versa.
- VTEC solves this by using two different sets of cam lobes to operate the valves.
- The profiles of each type of cam lobe alter the timing, duration and lift of the valves to optimize engine breathing for its particular engine speed.
- A hydraulic system switches between the different cam lobes, controlled by engine electronics.

---

## SOHC i-VTEC<sup>®</sup> 4-Cylinder (HR-V)

### What's the Benefit?

The main advantage of this system is that it provides powerful performance and increased fuel efficiency.<sup>1</sup>

### The Feature:

This single-overhead-camshaft valvetrain uses a system that represents advanced i-VTEC<sup>®</sup> technology.

- The intelligent VTEC<sup>®</sup> system switches the valve timing for maximum efficiency during startup and acceleration.
  - To achieve powerful performance once cruising with a light engine load, this version of SOHC i-VTEC automatically delays closing the intake valves.
  - During low-rpm operation, intake air is drawn almost exclusively through one intake valve, which helps fill the cylinder more completely and also creates a strong swirl effect to maximize combustion.
  - At higher rpm, both intake valves are opened, which substantially increases air and fuel flow into the cylinder to boost performance.
-

## DOHC i-VTEC® with Variable Timing Control (VTC) (Civic, Fit and 4-Cylinder Accord)

### What's the Benefit?

This helps fill the cylinder more effectively, which creates even better performance at high engine speeds, with a further reduction of exhaust emissions.

### The Feature:

The DOHC i-VTEC system enhances the effect of VTEC® by adding Variable Timing Control™ (VTC™).

- VTC is a hydraulically operated system that controls the timing of the chain-driven intake camshaft, advancing or retarding it during the intake cycle.
- Civic engines add exhaust-camshaft VTC for even greater precision.
- During normal operation, intake camshaft timing is retarded at low-rpm operation to help provide more stable idling while at the same time reducing exhaust emissions.
- As rpm and engine load increase, the intake camshaft is slightly rotated; this advances the primary intake valve's timing so that it opens sooner, for better cylinder filling.
- At higher engine speeds, both intake valves are opened to increase air/fuel flow, sometimes while the exhaust valves are still open; this valve overlap uses some of the suction of the escaping exhaust gases to help draw more air and fuel through the intake valves into the cylinder.

---

### What's the Benefit?

## Earth Dreams® Technology SOHC i-VTEC® V-6 with Variable Cylinder Management (VCM) (Odyssey, Pilot and Ridgeline)

This is yet another means to achieve excellent fuel efficiency.<sup>1</sup>

### The Feature:

To help improve fuel efficiency, Honda's i-VTEC V-6 engines use the latest version of Honda's innovative Variable Cylinder Management (VCM).

- When high power is required, for example during startup, acceleration or when climbing hills, the engine operates on all six cylinders.
- During periods of moderate-speed cruising and at low engine loads, the system operates just one bank of three cylinders, thereby maximizing fuel efficiency.
- To smooth the transition between activating or deactivating cylinders, the system adjusts ignition timing and Drive-by-Wire throttle position, and turns the torque converter lockup on and off.
- The transition between three- and six-cylinder operation is usually unnoticeable to the driver.



---

## Four Valves Per Cylinder

### What's the Benefit?

Four-valve cylinder heads can help enhance power production for better response to the throttle.



**The Feature:**

Generally, the more valves a combustion chamber has, the more power it can produce.

- More valves improve an engine's breathing by letting more air and fuel into the combustion chamber and expelling exhaust gases more efficiently.
  - Each valve is smaller and lighter in a multi-valve engine, so higher engine speeds are easier to achieve than with the larger, heavier valves found in 2-valve designs.
- 

## 2-Stage Intake Manifold (V-6 Models)

**What's the Benefit?**

This ingenious design enhances torque production throughout the engine's rpm range for greater responsiveness.

**The Feature:**

A valve within the intake manifold opens and closes to alter the volume and shape of the chamber.

- At lower engine speeds, the valve is closed, creating the optimum condition to take advantage of sonic resonance to help pack more of the intake charge into the combustion chamber.
  - At higher rpm, the valve opens to cancel the resonance effect and allow intake inertia to fill the cylinders more effectively.
- 

## Programmed Fuel Injection (PGM-FI)

**What's the Benefit?**

This feature helps provide outstanding power and driveability, with reduced emissions and better fuel efficiency<sup>1</sup>—plus easier maintenance and repair.

**The Feature:**

Here's how Programmed Fuel Injection (PGM-FI) works:

- At the heart of PGM-FI is a computer called the PCM, or powertrain control module.
- The PCM is connected to sensors that monitor inputs such as:
  - Throttle position
  - Engine temperature
  - Crankshaft position
  - Intake manifold pressure
  - Atmospheric pressure
  - Exhaust-gas oxygen content
  - Intake air temperature
- The PCM uses the information from these sensors to determine the fuel requirements of the engine.
- It then activates each fuel injector at precisely the right moment for optimum efficiency.
- The PCM can sense when something is wrong with various parts of the system and store a trouble code, which will lead a technician to the problem area.

---

## Direct-Injection System (Accord, Civic, CR-V, Fit, Odyssey, Pilot and Ridgeline)

### **What's the Benefit?**

Enhanced power output and fuel efficiency<sup>1</sup> result from this technology.

### **The Feature:**

Direct injection is a significant advance in induction design.

- Traditional multi-port fuel-injection systems mix fuel and air in the engine's intake ports before they enter the combustion chamber.
  - With direct injection, fuel is sprayed directly into the combustion chamber.
  - DI promotes a desirable "tumble motion" in the intake charge, promoting better combustion and higher overall fuel efficiency.
- 

## Drive-by-Wire Throttle System

### **What's the Benefit?**

This system enhances smooth acceleration appropriate for conditions, for greater driveability.

### **The Feature:**

Instead of a mechanical linkage from the accelerator pedal to the fuel-injection throttle plate, all Honda models use Drive-by-Wire technology.

- The system uses an electronic position sensor connected to the accelerator pedal that sends an electronic signal to the vehicle's powertrain control module (PCM).
  - The PCM combines the accelerator-position signal with data such as engine rpm, coolant temperature and road speed, and then optimizes the movement of the throttle plate to the desired position.
- 

## Aluminum-Alloy Engines

### **What's the Benefit?**

Aluminum alloy is much lighter than cast iron, helping improve performance and fuel efficiency<sup>1</sup> while offering superior heat-transfer characteristics for better heat management.

### **The Feature:**

Honda uses aluminum-alloy castings for major components such as the cylinder block, cylinder head and transmission cases.

---

## Second-Order Balance System (2.4-Liter 4-Cylinder Models)

### **What's the Benefit?**

The unique second-order balance system helps provide smoothness, which enhances passenger comfort and the car's quality feel.

**The Feature:**

This Honda design uses a pair of balance shafts to counteract vibrations inherent in large-displacement 4-cylinder engines.

- Located in the oil pan, the balance shafts rotate in opposite directions at twice the engine speed.
  - Eccentric weights built into the shafts generate inertial forces that counteract vibrations created by the engine's pistons and connecting rods.
  - As a result, these engines are smoother at all rpm ranges, from idle to redline.
- 

## Front-Wheel Drive

**What's the Benefit?**

This design helps create more room in the passenger compartment for greater comfort, and helps maximize available traction during acceleration for stability.

**The Feature:**

All Honda cars and two-wheel-drive trucks use front-wheel drive, with transverse-mounted engines.

- This design eliminates the intrusion of a driveshaft tunnel in the cabin found in most front-engine, rear-wheel-drive vehicles.
  - Concentrating the weight of the engine, transmission and drivetrain directly over the drive wheels helps optimize available traction.
- 

**What's the Benefit?**

The CVT provides better fuel efficiency<sup>1</sup> as well as improved acceleration, when compared to a conventional automatic transmission.

**The Feature:**

Honda engineers decided that a continuously variable transmission (CVT) would be the ideal automatic transmission to offer for greater efficiency.

- The CVT's unique, stepless shifting system operates more smoothly than a conventional automatic.
  - The range of drive ratios available is infinite, allowing optimal engine tuning for efficiency.
  - A metal drive belt runs between a pair of variable-width pulleys.
  - When a gear-ratio change is needed, one set of pulley faces is pushed together, and the other is drawn apart.
  - A special computer-controlled, hydraulically actuated system changes the CVT's ratios while driving.
-

## Continuously Variable Transmission (CVT) (Accord, Civic, CR-V, Fit and HR-V)



### ECO Assist

#### **What's the Benefit?**

This system is designed to help drivers maximize fuel efficiency<sup>1</sup> for their specific driving conditions.

#### **The Feature:**

Eco Assist™ consists of two independent parts: the Driver Feedback System and ECON mode.

- The Driver Feedback System has an ambient meter in the instrument panel that changes color as an indicator of driving efficiency.
  - Depending on the model, a blue or white color indicates less-efficient driving.
  - As the driving technique becomes more efficient, the color shifts to green.
- ECON mode improves fuel efficiency by changing or limiting the operation of some energy-consuming operations.

---

### Minimizing Noise, Vibration and Harshness (NVH)

#### **What's the Benefit?**

Honda endeavors to reduce noise, vibration and harshness (commonly referred to as NVH) in order to enhance the feeling of quality and create a more enjoyable driving experience.

#### **The Feature:**

Special attention is paid to quieting the engine, soundproofing the cabin, improving aerodynamics and strengthening the body.

- Honda uses special engine and transmission mounts to help absorb vibration. Many Honda vehicles utilize special subframes that help provide the occupants with a pleasant, quiet ride.
- Some models have a hood blanket to help absorb engine noise.
- All Honda models use vibration-damping insulators and special high-density plastic sheeting.
- Sheeting, insulation and foam placed in large sheetmetal panels and in the door pillars help damp vibrations.

---

### Active Control Engine-Mount System (ACM) (VCM Models)

#### **What's the Benefit?**

This system helps provide a smoother, quieter ride.

**The Feature:**

Whenever Variable Cylinder Management (VCM) operates in 3-cylinder mode, it creates vibration as the engine rocks on its engine mounts.

- To counteract this, a separate ACM control unit monitors the vibrations and operates high-speed solenoids in the front and rear engine mounts that actively cancel each oscillation.
  - As a result, these vibrations are not transferred to the chassis through the engine mounts and are not felt inside the cabin.
- 

## Active Noise Cancellation™ (ANC) System (Accord, CR-V, Odyssey, Pilot and Ridgeline)

**What's the Benefit?**

This feature provides a quieter cabin, helping to make for greater comfort and less fatigue.

**The Feature:**

The ANC system eliminates noise caused by both VCM cylinder deactivation and exhaust noise.

- The ANC controller uses a front ceiling-mounted microphone and a rear tray microphone to detect any "booming" sound in the cabin associated with cylinder deactivation.
  - It then emits a mirror "anti-noise" signal through the audio system's speakers, which effectively cancels those booming sounds and creates a quieter passenger compartment.
  - ANC is always working, even when the audio system is turned off.
- 

## Active Sound Control (Accord)

**What's the Benefit?**

This system expands the benefits of Active Noise Cancellation™ (ANC) by enhancing the ambience in the cabin throughout the engine's rpm range.

**The Feature:**

Active Sound Control is a more advanced version of ANC.

- This technology has the same ability to suppress the low-frequency booming noise that sometimes enters the cabin environment at low engine speeds.
  - Active Sound Control also operates throughout the rest of the engine's speed range, where it can actually tune the sound heard when accelerating.
- 

## Engine Mounts

**What's the Benefit?**

Insulating the passenger cabin from the engine's vibration helps enhance passenger comfort.

**The Feature:**

Honda engines use several different types of advanced engine mounts to control engine vibration.

- All front-wheel-drive models have inertial-axis mounts.
  - Honda engineers used computer analysis to determine their optimum location.

- They effectively control engine vibration over a wide range of engine speeds.
- An electronically controlled engine mount is used on automatic transmission-equipped Accord, Odyssey and Pilot models, which helps damp engine vibrations at varying engine speeds.
- Another design found on the Accord, Civic, HR-V, Odyssey and Pilot is the Honda liquid-filled engine mount.
  - This innovative design uses engine vibration to pump fluid from one chamber to another within the mount.
  - This alters its damping frequency in response to changing engine rpm.

---

### **What's the Benefit?**

These designs help optimize braking performance for greater driver confidence.

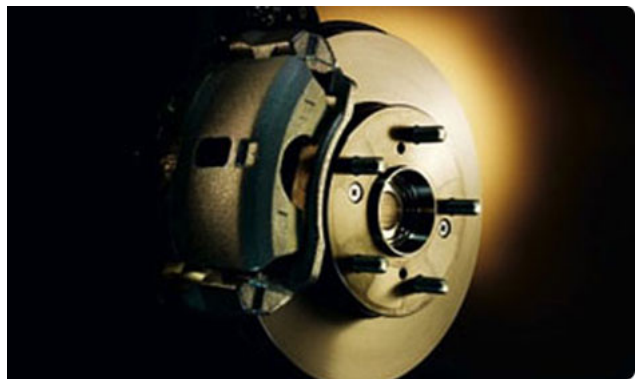
### **The Feature:**

To minimize brake fade, all Honda models use ventilated front disc brakes.

- Disc brakes have a superior ability to dissipate heat, which is further improved by ventilating them.
  - The vents are radial fins cast into the disc between its outer and inner surfaces.
  - They act like the blades of a turbine, forcing air through the disc as it spins and carrying heat away.
- Most Honda models use 4-wheel disc brakes that provide an additional measure of control and heat dissipation.

---

## Ventilated Front Disc Brakes and 4-Wheel Disc Brakes



## Hill Start

### **What's the Benefit?**

Drivers get a big boost of confidence when driving in hilly terrain with this feature.

### **The Feature:**

Hill start assist helps prevent a vehicle stopped on a grade from rolling when the driver's foot moves from brake to accelerator.

- Sensors inform the brake-system ECU when the vehicle is stopped on an uphill or downhill grade.

- The ECU maintains brake-line pressure for a brief moment while the driver's foot moves from the brake pedal to the accelerator pedal.

---

## Electric Power-Assisted Rack-and-Pinion Steering (EPS)

### What's the Benefit?

This system gives the driver an enjoyable driving experience and easier maneuverability, while also enhancing fuel efficiency.<sup>1</sup>

### The Feature:

Honda models are equipped with a steering system designed to deliver multiple benefits.

- The rack-and-pinion design enhances steering precision.
- An electric-assist system allows greater fuel efficiency than an engine-driven hydraulic design.
- The amount of assist is variable; it increases at low speeds to make tight turns easier, such as during parking maneuvers.
- Assist decreases at higher speeds to enhance road feel.

---

### What's the Benefit?

## Honda Satellite-Linked Navigation System™ with Voice Recognition

An onboard navigation system can enhance driver confidence in unfamiliar territory—even without a cell signal—as well as save time by avoiding traffic tie-ups.

### The Feature:

Honda's navigation system uses GPS technology as well as a robust database to monitor one's location, provide turn-by-turn directions to a desired location and provide information on points of interest along the way.



- The system uses a high-resolution color display, as well as a microphone for receiving voice commands.
- "Fuzzy logic" searching function simplifies entering destinations on-screen.
- In select cities, the system can display continuously updated traffic data on the map display, such as flow rates, incidents or construction, with Honda HD Digital Traffic.
- The system's onboard database features several million points of interest such as hotels, banks, museums and local attractions.<sup>2</sup>
- The system will respond to voice commands, such as "Find nearest fast food" or "Go home."
- The vehicle's audio system is used to relay voice prompts from the navigation system to the driver.

---

**Bluetooth® HandsFreeLink®**

### **What's the Benefit?**

On the road, this feature lets drivers stay connected to their world while minimizing the possibility of driver distraction.

### **The Feature:**

Drivers can make and receive calls while keeping their hands on the wheel and their eyes on the road, using the vehicle's audio system and the driver's mobile phone.

- Using *Bluetooth*<sup>®3</sup> wireless technology, HandsFreeLink<sup>®</sup> lets the driver use a cellular phone without handling it, as long as the phone is somewhere inside the vehicle.
- Drivers can use their choice of compatible phones; a list can be found at [handsfreelink.honda.com](http://handsfreelink.honda.com).
- The system can be paired with up to six different phones; however, only one phone can be used at a time.
- Once paired, the system is easy to operate using voice commands.
- The HandsFreeLink internal phone book can store up to 20 "speed dial" numbers that can be dialed using voice recognition.
- Drivers with compatible phones can import their entire phone book into the system database.



## Text Message/E-Mail Function

### **What's the Benefit?**

This feature lets drivers stay connected by receiving text messages or e-mails and sending pre-written replies while on the road.

### **The Feature:**

With a compatible phone paired to the vehicle's *Bluetooth*<sup>®3</sup> HandsFreeLink<sup>®</sup> system, this feature allows the driver to receive text messages or emails.

- When a message is received, an alert will appear and the driver can choose to have it read aloud or ignore it.
- The system allows the driver to choose from six pre-written messages to respond:
  - Talk to you later, I'm driving
  - I'm on my way
  - I'm running late
  - OK
  - Yes
  - No
- The driver can also select "Call," which automatically dials the number of the person who sent the text.
- To determine if a phone is compatible, go to [handsfreelink.honda.com](http://handsfreelink.honda.com).



## Pandora<sup>®</sup> Compatibility

**What's the Benefit?** Passengers can enjoy a tailored audio experience that adapts to their personal preferences while on the road.

### **The Feature:**

Pandora<sup>®4</sup> is a music service that allows users to open an account online and create up to 100 personalized



Internet radio stations that are based on favorite songs or artists.

- By downloading the Pandora app to a smartphone, starting it and linking through the vehicle's *Bluetooth*<sup>®3</sup> feature, users can listen to Pandora's customizable music stations.
- The interface on the Display Audio allows further personalization with "Thumbs Up" and "Thumbs Down" buttons.
- This feature works with select compatible smartphones; go to [handsfreelink.honda.com](http://handsfreelink.honda.com) to find out which ones.

---

## HD Radio™

### **What's the Benefit?**

Available HD Radio provides a broader range of programming and exceptional clarity for an even more enjoyable audio experience.

### **The Feature:**

HD Radio<sup>5</sup> enables the vehicle to receive digital broadcasts from stations on the AM and FM bands, with significantly enhanced audio quality.

- When tuned to an HD station, the audio display will show an "HD" indicator.
- HD stations have the ability to broadcast multiple signals, called subchannels.
- To display a list of subchannels when tuned to an HD station, press the MENU button, select HD Subchannel, then select the desired entry on the list displayed.
- Another feature of HD Radio is song tagging.
  - To tag a song for later purchase on an iPod<sup>®6</sup> or iPhone<sup>®7</sup>, just touch the TAG button on the audio touch-screen while the song's playing.
  - If an iPod or iPhone is connected to the system, the tag will be automatically downloaded to the device.
  - Otherwise, the tag will be saved until the next time a device is connected.
- Note that when you exceed the range of an HD station's signal while listening to a subchannel, the audio will stop with no indication on the display; a different station or source must then be selected.

---

## Song By Voice<sup>®</sup> (Accord, Civic, Clarity, CR-V, Pilot and Ridgeline)

### **What's the Benefit?**

This sophisticated feature lets drivers select audio tracks on their iPod or flash drive while minimizing the possibility of driver distraction.

### **The Feature:**

Song By Voice<sup>®</sup> makes it easy to find content on iPod or flash drive connected via the USB Audio Interface.

- The driver can simply press the TALK button on the steering wheel and say "Music search."
- The driver can then give a voice command, such as "Play song, 'Parkway Garden,'" and the system will automatically begin playback.
- Song By Voice also lets the driver choose music by artist, album, track name, genre, playlist and even composer.

---

## Radio Data System (RDS)

### **What's the Benefit?**

Drivers can instantly see key information regarding songs they're hearing on FM radio as well as search for their favorite programming by genre.

### **The Feature:**

The Radio Data System (RDS) allows FM radio to display the station, song title and artist when tuned to participating RDS broadcast radio stations.

- It also allows drivers to search for radio stations by their favorite category, such as:
    - Rock
    - Jazz
    - Classical
    - Rhythm and Blues
    - Talk
    - News
    - Sports
- 

### **What's the Benefit?**

Drivers can enjoy a highly personalized audio experience by bringing their favorite music along for the ride—and playing it over the vehicle's audio system.

### **The Feature:**

The USB Audio Interface<sup>8</sup> enables owners to dock, charge and control a variety of current digital audio players, such as an iPod<sup>®</sup>, directly through the audio system.

- USB mass-storage devices such as flash drives can be used to play back music files.
  - The system can display the song title, artist and other information on the audio screen.
  - Note that some USB devices with security software and digital-rights-protected files may not work.
-

## USB Audio Interface



## Dual-Zone Automatic Climate Control (Accord, Civic, Clarity and CR-V)

### What's the Benefit?

Passengers can tailor the interior temperature to their individual preferences for greater comfort.

### The Feature:

This system offers independent left and right temperature controls.

- A single temperature can be selected for the entire cabin, or the driver and front passenger can individually set the temperature they prefer.
- On navigation-equipped models, the system uses global positioning system (GPS) technology to monitor the sun's position, and adjusts accordingly.

---

### What's the Benefit?

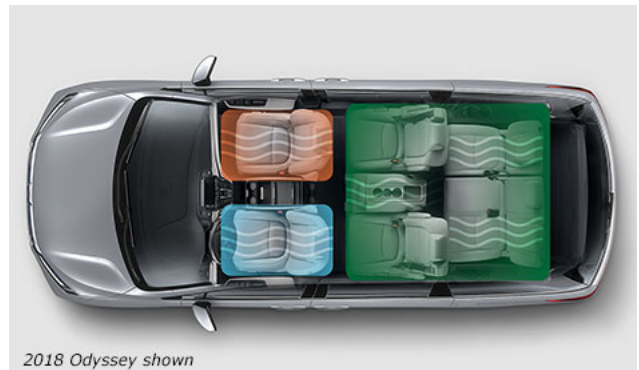
This climate-control system helps maintain a comfortable environment for passengers while helping to filter out

## Tri-Zone Automatic Climate Control System with Humidity Control and Air Filtration (Odyssey, Pilot and Ridgeline)

allergens for sensitive occupants.

### The Feature:

The advantages of selecting individual temperature levels for three areas of the cabin are further enhanced by the filtering and conditioning functions.



- It's capable of filtering nearly 100 percent of particulates over 8 microns in size (the size of most pollen), as well as about 40 percent of particulates down to 0.3 microns (about the size of diesel emissions).
- The tri-zone automatic climate-control system lets the driver, front passenger and rear passengers adjust temperature and air distribution to automatically meet their needs.
- Both front and rear systems are controllable by the driver.
- With the press of a button, the rear system can be independently adjusted using the control panel in the second row.
- On models equipped with navigation, the system uses data from the onboard global positioning system receiver to automatically adjust fan speed to compensate for heating from direct sunlight.
- Tri-zone automatic climate control also features humidity control designed to automatically prevent the windows from fogging.

---

### What's the Benefit?

This built-in remote can open garage doors, security gates and more, without cluttering the interior with clickers.

### The Feature:

Select models provide the convenience of the HomeLink<sup>®9</sup> remote system.

- Built into the overhead map-light module, this system can be easily programmed with up to three codes.

### HomeLink<sup>®</sup> Remote System (Accord, Clarity, CR-V, Odyssey, Pilot and Ridgeline)

- See the owner's manual for more information about programming the system.



---

### What's the Benefit?

Drivers gain enhanced awareness when backing up with this technology, for greater confidence.

### The Feature:

All Honda models feature a rearview camera.

- Located near the rear license plate, it displays a full-color image of the area directly behind the vehicle.
- Select models offer a multi-angle rearview camera<sup>10</sup> offering three views:
  - Standard view
  - Wide view
  - Top-down view

### Rearview Camera

**Important Note:** Although the camera does help drivers see objects directly behind the vehicle, it does not replace the need for drivers to be aware of their surroundings by looking over their shoulder and in the vehicle's mirrors.



### **What's the Benefit?**

BSI helps give the driver additional information about conditions around the vehicle to enhance driving

## **Blind Spot Information System (BSI) (CR-V, Odyssey and Pilot)**

confidence.

### **The Feature:**

Select models include an innovative and useful blind spot information (BSI) system.<sup>11</sup>

- A pair of sensors, one on each rear corner of the vehicle, can detect a vehicle that may be positioned in the driver's blind spot.
- An indicator located in or near the side mirrors alerts the driver.
- If BSI detects an object in the vehicle's blind spot when the turn signal is on in that direction, the indicator flashes to catch the driver's attention.
- Engineered for relatively close range, the system covers an area on each side of the vehicle from each exterior mirror extending about 13 feet rearward and 10.5 feet out from the side of the vehicle.
- To prevent false alarms while maneuvering at low speed, the system is disabled below approximately 6 mph.



**Important Note:** The system is not a substitute for your own visual assessment before changing lanes; system accuracy will vary based on weather, size of object and speed.

---

## **Parking Aid (Accord, Odyssey, Pilot and Ridgeline)**

### **What's the Benefit?**

This system aids drivers when parking in tight places to help prevent bumping into other objects, thereby saving on damage-repair costs.

### **The Feature:**

Select models feature front and rear parking sensors to help the driver detect objects close to the vehicle.

- When parking, a warning beep will alert the driver of close proximity to an object.
- The closer the vehicle gets to the object, the faster the alert will beep.
- The sensors are body-colored to help them blend in and enhance the overall appearance of the vehicle.
- On some models, the rear sensors can be switched off to prevent false alerts when towing.

---

## **Power Door Locks with Remote Entry**

### **What's the Benefit?**

The remote entry system allows the driver to unlock the doors with the press of a button on the key, for greater convenience.

### **The Feature:**

The system has a range of up to 50 feet and includes an emergency "panic" button that sounds the horn when

pressed.

- To lock all the doors, simply push the LOCK button once.
- To unlock the driver's door only, push the UNLOCK button once.
- To unlock all the doors, push the UNLOCK button a second time.
- The key or remote buttons can lower all of the power windows and open the moonroof on select models, venting the interior.
  - To activate the feature, the driver pushes the UNLOCK button a second time and continues holding it down for more than a second.
  - The windows can be lowered for up to 30 seconds after one of the other unlock functions has been used.
- On select models, the key cylinder on the driver's door unlocks the driver's door or all doors, and will also lower the windows and open the moonroof.
  - Turning the key clockwise once unlocks the driver's door.
  - Turning it a second time unlocks all the doors.
  - Holding the key in the unlock position for more than one second lowers all the windows and opens the moonroof.
- On select models, the key may also be used to lock all the doors, raise the windows and close the moonroof.
  - To do this, the driver inserts the key and turns it counterclockwise to the lock position a second time and holds it there.

---

## Auto-Door Locking and Unlocking

### **What's the Benefit?**

This system enhances both convenience and confidence for drivers and passengers.

### **The Feature:**

The auto-door locking/unlocking feature is preprogrammed to automatically lock all the doors when the vehicle reaches 9 mph, and unlock the driver's door when the vehicle is shifted back into Park.

- The system is customizable to accommodate a variety of personal preferences, or can be deactivated if so desired.
- The auto-door locking feature has three possible settings:
  - The doors lock when the vehicle speed reaches 9 mph (15 km/h); this is the factory setting.
  - The auto-door locking is deactivated all the time.
  - The doors lock whenever you move the shift lever out of Park.
- The auto-door unlocking feature has five possible settings:
  - The driver's door unlocks when you move the shift lever to Park; this is the factory setting.
  - The driver's door unlocks whenever you turn the ignition switch to the Accessory position.
  - All doors unlock when you move the shift lever to Park.
  - All doors unlock whenever you turn the ignition switch to the Accessory position.
  - Auto-door unlocking is turned off all the time.

---

## Auto High-Beam Headlights (Accord, CR-V, Odyssey, Pilot and Ridgeline)

### **What's the Benefit?**

These headlights enhance driver convenience and confidence by automating the operation of the headlight beams.

### **The Feature:**

Auto high-beam headlights offer a high degree of convenience.

- When the headlight control is in the AUTO position, this system automatically turns on the high beams when there are no other vehicles detected ahead of the vehicle.
- When another vehicle is detected, the high beams are automatically switched to low beams.

**Important Note:** There may be instances—such as on exceptionally hilly or winding roads—when manual beam control is desirable. In such cases, turn the headlight control to On and engage the high beams manually by pushing the headlight control lever forward as needed.

---

## Maintenance Minder™ System

### **What's the Benefit?**

This technology helps owners save both time and money.

### **The Feature:**

Maintenance Minder indicates when routine maintenance is due based on how the vehicle is driven, rather than on a fixed schedule.



- If the vehicle is experiencing harder-than-normal use, Maintenance Minder will indicate that the vehicle should receive service sooner.
- It also monitors standard prescribed maintenance, such as
  - Tire rotation
  - Transmission service
  - Replacement of coolant,
  - Installation of new spark plugs
  - Replacement of filters
- Proper maintenance saves money by extending the life of systems and components.
- The system will even group necessary services to reduce the overall number of trips to the service department.

---

## Advanced Compatibility Engineering™ (ACE™) Body Structure

### **What's the Benefit?**

The ACE body structure is designed to enhance occupant protection in a frontal crash, making for greater driver confidence.

**The Feature:**

The ACE design utilizes a network of connected structural elements to distribute crash energy more evenly throughout the front of the vehicle.

- Enhanced frontal crash-energy management helps to reduce the forces transferred to the passenger compartment and can help to more evenly disperse the forces transferred to other vehicles in a crash.
- The design also helps reduce the potential for misalignment with the frame of an opposing vehicle, whether it is large or small.
- Additional structural elements are engineered to enhance vehicle performance in small overlap frontal collisions.



## Front Airbags

**What's the Benefit?**

Front airbags (SRS) are designed to enhance occupant protection in a frontal collision.

**The Feature:**

Front airbags are designed to supplement the seat belts, as the term "supplemental restraint system" (SRS) implies.

- These airbags are designed to work only in a moderate-to-severe frontal collision.
- In order for the airbags to provide maximum protection, the seat belts must also be worn.
  - Seat belts can also help protect the occupants in a variety of collisions in which front airbags may not be effective, such as in rollovers.
- The driver's airbag is located in the center of the steering wheel.
- The front passenger's airbag is located in the right-hand side of the dashboard, in front of the passenger.
  - The general location of the passenger's airbag is marked with the initials SRS—so dashboard covers or other objects must not be placed on the panel.
- When activated, the inflated airbags help absorb the driver's and front passenger's forward momentum.
- From the moment the sensors detect a sufficient frontal impact, the airbags can fully deploy faster than the blink of an eye.
- Immediately after inflation, vents in the airbags allow them to rapidly deflate.
- The airbags are designed to be used only one time and then replaced.



## SmartVent® Front Side Airbags

**What's the Benefit?**

Front side airbags are designed to enhance occupant protection in a side-impact collision.

**The Feature:**

Front side airbags are designed to inflate to help protect the driver and front passenger in the event of a moderate-to-severe side impact.

- Side-impact sensors on both sides of the car can detect a side collision and, if needed, the airbag on the side of the collision will be deployed.



- The front side airbags are located in the outboard seat bolsters of the two front seatbacks and inflate forward from a specially designed seam in the seat.
  - Seat covers should therefore not be used, as they may impede proper side airbag function.
- The SmartVent® design enhances performance by helping to minimize the possibility of airbag injury, especially to small-statured passengers.

---

## Side Curtain Airbags

### What's the Benefit?

These airbags are designed to enhance passenger protection in side-impact collisions and rollover events.

### The Feature:

All current Honda models come standard with side curtain airbags designed to protect all outboard occupants in the event of a side impact.

- The system is designed to reduce the effect of an impact on an outboard passenger's head following the primary impact.
- The side curtain airbags are also designed to help reduce the likelihood of ejection through side windows in crashes, particularly rollovers.
- The system also features a rollover sensor that deploys the side curtain airbags if it detects a rollover.

---

### What's the Benefit?

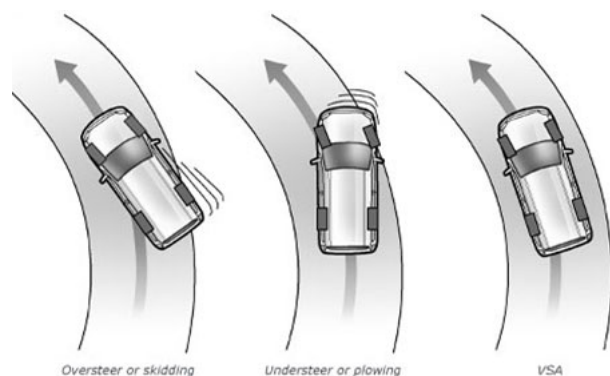
VSA is designed to boost driver confidence by enhancing control and stability during acceleration, cornering and braking.<sup>12</sup>

### The Feature:

## Vehicle Stability Assist™ (VSA®) with Traction Control

Vehicle Stability Assist uses a variety of sensors to monitor conditions and intervene to help reduce the possibility of skidding, plowing and other loss-of-traction events.

- The system can reduce throttle and brake individual wheels to help restore the driver's intended path.
- VSA's traction-control function helps maintain stability and allows the vehicle to accelerate even on surfaces with a split coefficient of friction, such as when one wheel is on ice and the other is on dry pavement.



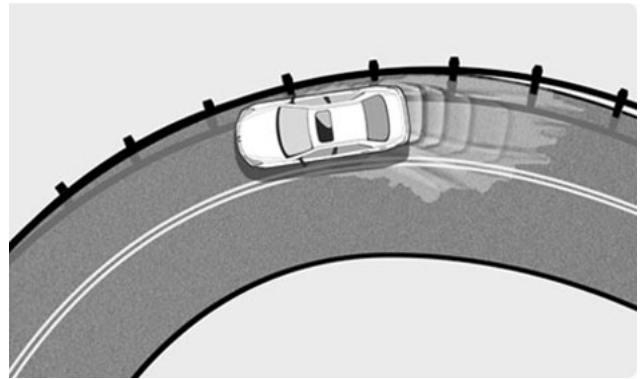
### **What's the Benefit?**

## Anti-Lock Braking System (ABS)

This behind-the-scenes feature is designed to aid the driver in maintaining control, for greater confidence on the road.

### **The Feature:**

ABS works by maintaining the wheels near their point of maximum traction during hard braking, which allows the driver to brake and steer at the same time without the brakes locking and the tires skidding.



- Honda's ABS uses sensors at each wheel that send wheel-rotation speed data to an electronic control unit (ECU).
  - When the ECU detects wheel lockup during braking, it reduces brake-line pressure to any locking wheel until the wheel starts turning again.
  - The system can cycle up to 100 times a second, maintaining optimum traction for the surface conditions.
  - This can cause a pulsing of the brake pedal that can surprise the driver, but means the system is operating normally.
- 

## Electronic Brake Distribution (EBD)

### **What's the Benefit?**

EBD helps optimize braking performance for a more enjoyable driving experience.

### **The Feature:**

EBD helps ensure that proportionate braking forces are applied to each brake.

- During braking, most of the vehicle's weight shifts to the front wheels, giving them the greatest amount of traction in most braking situations.
  - In order to avoid unnecessary ABS cycling during a non-emergency stop, EBD uses the ABS sensors to detect rear-wheel lockup.
  - It then controls ABS solenoids to reduce braking force to the rear wheels, leaving maximum braking force in the front, thereby maximizing overall braking force and controllability.
- 

## Brake Assist

### **What's the Benefit?**

This feature helps drivers maintain optimum control during emergency braking.

### **The Feature:**

Brake Assist is designed to help drivers apply full emergency stopping power in a panic-stop situation.

- If Brake Assist detects an extreme rate of pedal application and pressure as the result of a sudden stop, the system applies full braking force to help stop the vehicle in the shortest distance possible.
- When the driver releases pressure on the brake pedal, the Brake Assist system deactivates.

---

## Seat Belts

### **What's the Benefit?**

Seat belts are the primary means of protection in all types of collisions, helping to reduce the possibility of injury.

### **The Feature:**

Honda 3-point seat belts are designed to provide the greatest amount of comfort, while offering maximum protection to the occupants.<sup>13</sup>

- Most Honda models feature 3-point seat belts with adjustable upper anchors in the front for a more comfortable fit.
- The front 3-point seat belts on all Honda models are equipped with an automatic tensioning system and load limiters.
  - In the event of a moderate-to-severe impact, this system is designed to instantly tighten the shoulder and lap portions of the belt to help hold the driver and front passenger in place.
  - The load limiters allow the seat belts to relieve their tension slightly after the automatic tensioning system is activated.

---

## Driver's and Front Passenger's Seat-Belt Reminder System

### **What's the Benefit?**

This feature helps passengers enjoy the benefits accorded by wearing the seat belts.

### **The Feature:**

Given the importance of wearing a seat belt, a seat-belt reminder system has been integrated into all current Honda vehicles to help remind front occupants to buckle up.

- If the sensor in the driver's seat-belt buckle indicates that the belt isn't buckled, the system alerts the driver with an indicator on the instrument panel and a warning chime.
- If the weight sensor in the front passenger's seat detects an occupant—and the occupant's seat belt isn't fastened as determined by that buckle's sensor—the warning indicator and chime will be activated as well.

---

## Child Safety Features

### **What's the Benefit?**

These features help parents and caregivers take good care of their younger passengers when driving.

### **The Features:**

Several features are aimed at enhancing protection for kids.

- Child-proof rear door locks prevent children from opening the rear doors from the inside.
  - A simple mechanical lever located near the latch on the rear door activates the feature.
- Models featuring a trunk are equipped with an emergency trunk release that glows in the dark, allowing the trunk to be opened from the inside.

- The second rows of all Honda vehicles are equipped with child-seat tether anchors and a child-seat mounting system called LATCH (Lower Anchors and Tethers for Children).
  - This system uses both the upper child-seat tether anchors and lower anchors at the outboard seating positions.
  - When used with a LATCH-compatible child seat, it provides attachment points between the child seat and vehicle to help ensure the proper mounting of the child seat.
- All vehicles with rear seats also include lockable seat-belt retractors for securing a child seat in the rear seats with a 3-point seat belt.
  - To use the system, place the child seat in the rear seat, pull the entire seat belt out of the retractor reel, buckle it, then let the retractor take up the slack so that the child seat is secured.
- Be sure to follow the directions in the child-seat and vehicle owner’s manuals.

---

## Indirect Tire Pressure Monitoring System (TPMS) (Accord, Civic, Clarity, CR-V, Fit and HR-V)

### What’s the Benefit?

The Tire Pressure Monitoring System<sup>14</sup> (TPMS) helps enhance driver awareness of low tire pressure, allowing corrective steps to be taken in a timely manner.

### The Feature:

In this system, the vehicle’s ABS wheel-speed sensors calculate air pressure based on wheel-rotation characteristics.

- When the system detects that a tire’s pressure has dropped significantly below the recommended pressure, it alerts the driver by illuminating the TPMS indicator within the gauge cluster.
- The instrument panel displays a flashing icon of a tire’s cross section with an exclamation point to alert the driver that one or more of the vehicle’s tires is significantly low.
- Drivers should visually inspect the tires, then check and adjust their pressure when cold to the appropriate specification.
- *Note:* Spare tires do not have TPMS.

---

### What’s the Benefit?

The TPMS with Fill Assist makes it significantly more convenient to maintain the proper tire pressure,

## Tire Pressure Monitoring System (TPMS) with Tire Fill Assist (Odyssey, Pilot and Ridgeline)

enhancing safe and fuel-efficient operation while helping to maximize tire life.

### The Feature:

This system can inform drivers of which tire has low air pressure via the TPMS readout in the instrument panel.



- Individual sensors in each tire monitor pressure and transmit the data to a receiver in the system.
- The pressure reading for each tire is displayed in the instrument panel.

- The instrument panel displays an alert when one or more of the vehicle's tires is significantly low.
- When the tire is being pumped up, the vehicle will automatically signal that the appropriate pressure has been achieved by chirping the horn and flashing the parking lights.
- Drivers should visually inspect the tires, then check and adjust their pressure when cold to the appropriate specification.
- *Note:* The spare tire does not have TPMS.

- 
1. Based on 2017 EPA mileage ratings. Use for comparison purposes only. Your mileage will vary depending on how you drive and maintain your vehicle, driving conditions and other factors.
  2. The *Bluetooth*® word mark and logos are owned by the Bluetooth SIG, Inc., and any use of such marks by Honda Motor Co., Ltd., is under license.
  3. Drive responsibly. Some state laws prohibit the operation of handheld electronic devices while operating a vehicle. For safety reasons, always launch your audio application or perform any other operation on your phone or audio device only when the vehicle is safely parked.
  4. HD Radio is a proprietary trademark of iBiquity Digital Corporation.
  5. iPod® is a registered trademark of Apple Inc.
  6. iPhone® is a registered trademark of Apple Inc.
  7. The USB Audio Interface is used for direct connection to and control of some current digital audio players and other USB devices that contain MP3, WMA or AAC music files. Some USB devices with security software and digital rights-protected files may not work. Please see the owner's manual for details.
  8. HomeLink® is a registered trademark of Gentex Corporation.
  9. Always visually confirm that it is safe to drive before backing up; the rearview camera display does not provide complete information about all conditions and objects at the rear of your vehicle.
  10. The system is not a substitute for your own visual assessment before changing lanes. BSI may not detect all objects behind or to the side of a vehicle and may not detect a given object; system accuracy will vary based on weather, size of object, and speed. Driver remains responsible for safely operating vehicle and avoiding collisions.
  11. VSA is not a substitute for safe driving. It cannot correct the vehicle's course in every situation or compensate for reckless driving. Control of the vehicle always remains with the driver.
  12. Honda reminds you and your passengers to always use seat belts and appropriate child seats. Children 12 and under are safest when properly restrained in the rear seat.
  13. For optimal tire wear and performance, tire pressure should be checked regularly with a gauge. Do not rely solely on the monitor system. Please see your Honda dealer for details.