2017 Clarity Facts Guide

INTRODUCTION

Design Concept

Honda has long staked a claim as one of the world's leading developers of technologies for cleaner, more efficient vehicles.

- The 2017 Honda Clarity Fuel Cell is just one of the latest results of these efforts.
- Using our entirely new, smaller and lighter EarthDreams® Technology fuel-cell powerplant, this vehicle turns hydrogen and oxygen into electricity to power a torque-rich electric drive motor—and its only by-product is water.
- Among all vehicles with zero tailpipe emissions on the market today—including hydrogen fuel-cell and battery-electric vehicles—Clarity offers the longest EPA-rated range[1] by far: a remarkable 366 miles.
- Drawing on nearly two decades of experience with fuel-cell technology, Honda engineers have created a forward-thinking vehicle that requires no current-day compromises in comfort, safety features or performance.
- It's the only fuel-cell sedan available with room for five.
- It offers the latest in digital connectivity technology, such as Apple CarPlay™[2] and Android Auto™[3].
- It comes standard with the Honda Sensing™ suite of safety and driver-assistive technologies.
- And its clean, aerodynamic lines and ahead-of-the-pack style ensure that this vehicle will be mistaken for nothing else on the road.

What's New

- Building on the valuable lessons learned from developing Honda's previous fuel-cell vehicles, the 2017 Honda Clarity Fuel Cell is entirely new.

Major Feature Highlights + Available Trims

Clarity Fuel Cell

Engineering

- 103-kilowatt proton exchange membrane fuel cell (PEMFC)
- 346-volt lithium-ion battery
- AC synchronous permanent-magnet electric motor
- Zero Emission Vehicle (ZEV) CARB emissions ratings[4]

Features

- Cabin air quality management system
- 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

- Sport mode
- 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

Safety

- Advanced Compatibility Engineering™ (ACE™) body structure
- Vehicle Stability Assist™ (VSA®) with traction control[5]
- Anti-lock braking system (ABS)
- Electronic Brake Distribution (EBD)
- Brake Assist
- Multi-angle rearview camera with dynamic guidelines[6]
- LED Daytime Running Lights (DRL)
- Collision Mitigation Braking System™ (CMBS™)[7]
- Road Departure Mitigation System (RDM)[8]
- Forward Collision Warning (FCW)[9]
- Lane Departure Warning (LDW)[10]
- Advanced front airbags (i-SRS)
- Driver's knee airbag
- SmartVent® front side airbags
- Side curtain airbags with rollover sensor
- Tire Pressure Monitoring System (TPMS)[11]
- Front seat belts[12] 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
- Front passenger's seat with 4-way power adjustment
- Lane Keeping Assist System (LKAS)[13]
- Adaptive Cruise Control (ACC) with Low-Speed Follow[14]
- Honda LaneWatch™[15]
- *Bluetooth*® HandsFreeLink®[16]
- SMS text message function[17]
- HomeLink® remote system[18]
- 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 fuel filler door release
- Electronic remote trunk release
- Rear window defroster
- Cargo[19] area light
- Floor mats
- Side door pockets
- Adjustable front seat-belt anchors
- Fold-down rear-seat center armrest
- 8" Display Audio
- Apple CarPlay™[2] and Android Auto™[3]
- 540-watt premium audio system with 12 speakers, including subwoofer
- HondaLink®[20]
- SiriusXM® Radio[21]
- HD Radio™[22]

- Acoustic Vehicle Alerting System (AVAS)
- Pandora® compatibility[23]
- *Bluetooth*®[16] streaming audio
- USB Audio Interface[24]
- Radio Data System (RDS)
- Speed-Sensitive Volume Control (SVC)
- 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
- Rain-sensing variable intermittent windshield wipers
- Chrome door handles
- Body-colored decklid spoiler
- Smart Entry
- Push button start

Download a printable version of the major feature highlights and available trims.

Clarity Model Lineup

Clarity Fuel Cell

Trim/Transmission	Model Code
Clarity	**Code No.**
Fuel Cell	**ZC4F7HGNW**

Color and Trim Guide

Clarity Fuel Cell:

Exterior Colors	Interior Colors
Bordeaux Red Metallic	**Gray Leather**
Crystal Black Pearl	**Black Leather**
White Orchid Pearl	**Black Leather**

Accolades, Honors & Ratings

Coming Soon!

Clarity Key Selling Points

Environmental Attributes The Clarity Fuel Cell produces zero CO_2 or smog-producing 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 Fuel Cell is fun to drive—after all, it's a Honda through and through.

- The Clarity's electric motor offers smooth, quiet and exhilarating torque right off the line, for excellent responsiveness to the throttle.
- Plus, the Clarity's EPA range rating[1] is 366 miles between fill-ups—which take just 3 to 5 minutes.

Safety Clarity is loaded with standard safety features, including:

- Advanced Compatibility Engineering™ (ACE™) body structure
- Vehicle Stability Assist™ (VSA®)[5]
- 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.

- The Clarity benefits from an exceptional premium audio system as well as connectivity features like Apple CarPlay™[2] and Android Auto™[3] to enhance the experience.
- This vehicle is the first Honda in North America to provide a cabin air-quality management system with features like Plasmacluster® ion technology that actually inhibits bacterial growth, for a cleaner, fresher interior environment.
- An advanced HondaLink®[20] 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.

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1. 69 city / 67 highway / 68 combined miles per gallon of gasoline-equivalent (MPGe) rating; 366-mile driving-range rating. Based on 2017 EPA ratings. Use for comparison purposes only. Your MPGe and driving range will vary based on how you drive and maintain your vehicle, driving conditions, powertrain condition, and other factors.
2. Apple CarPlay is a trademark of Apple Inc.
3. Android and Android Auto are trademarks of Google Inc.
4. ZEV (Zero-Emission Vehicle) model as certified by the California Air Resources Board (CARB).
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
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. 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.
14. 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.
15. 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.
16. 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.

17. 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.

18. HomeLink® is a registered trademark of Gentex Corporation.

19. Honda reminds you to properly secure cargo items.

20. Check the HondaLink® website for smartphone compatibility.

21. 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. 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.

22. HD Radio is a proprietary trademark of iBiquity Digital Corporation.

23. 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. Not all devices compatible with USB connection. Your wireless carrier's rate plans apply.

24. 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.

MARKET POSITION & DEMOGRAPHICS

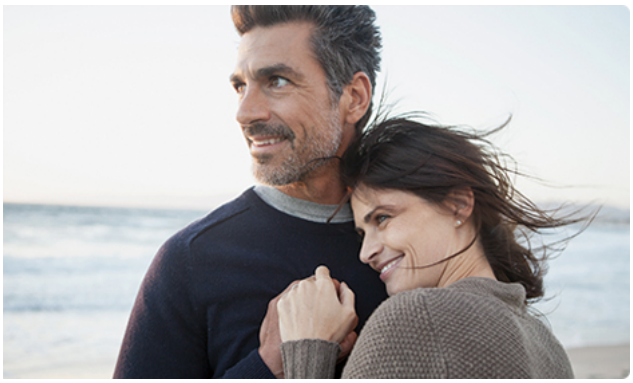
Market Position

The Clarity Fuel Cell is well-positioned to become an increasingly important player in the alternative-fuel segment of the market.

- At its launch, it is the only fuel-cell sedan available with room for 5 passengers.
- It 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.

The Clarity Fuel Cell 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. In addition, female buyers are expected to show interest in advanced environmental technology as indicated by Honda’s previous experience with FCX Clarity customers.

Clarity Buyers



Clarity Buyer Demographics at a Glance

Clarity Fuel Cell	Target Customer	Top Competitive Models
Age	**50+**	**Toyota Mirai** **Hyundai Tucson FC**
Household income (HHI)	**$150K+**	
College graduate	**Yes**	
Male/Female	**80%/20%**	
Married	**Yes**	

EXTERIOR

Distinctive, Leading-edge Style

The Clarity Fuel Cell 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 emphatic 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.

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The Clarity's overall shape is designed to minimize wind resistance around the car, enhancing fuel efficiency.

- The seamless transitions at the A- and C-pillars help reduce turbulence.

Aerodynamic Performance

- "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.
- A special laser welding process—a Honda first—is used to eliminate the joint molding between the roof and side panels and help the Clarity slip through the air.

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

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

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

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

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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.

Wheels and Tires

- 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.

BENEFIT: Clarity's remote entry system

Body-Colored Power Side Mirrors

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-

and standard security system enhance

Power Door Locks with Remote Entry

driver confidence and convenience.

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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.

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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 START/STOP button, and then get out and touch the LOCK button on the door handle to secure the car—all without ever touching a key.

- Clarity drivers can even skip that last step by enabling the Walk-Away Auto-Lock feature via the customizable settings.
- It all requires only 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

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.
- As a result, the system helps enhance visibility during washer operation as well as reduce the volume of washer fluid required to clean the windshield.

A rain-sensing windshield wiper system is standard on the Clarity.

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

IMPORTANT NOTE: The wiper control must be turned to OFF when the windshield is being cleaned or the Clarity is going through a car wash; otherwise, the wipers could be damaged.

Rain-Sensing Windshield Wipers

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

- The LED headlights provide better light distribution for improved visibility and enhanced 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.

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

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.

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.

LED Taillights

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 main hydrogen tank is placed low and deep into the vehicle.

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

Taking Comfort in an Eco-Conscious Space

The Honda Clarity Fuel Cell's cabin provides yet another compelling example of how environmental 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.
- Clarity's cabin air-quality management system—with Plasmacluster® ion technology making its Honda North American debut—helps minimize allergens, odors and unpleasant gases.
- With expansive room for five passengers, highly sophisticated design cues and a comprehensive suite of convenience and connectivity features, the Clarity provides an extremely inviting place to spend time.

Comfortable Seating

FEATURE: The Clarity's seats are designed to provide exceptional comfort for the longest trips 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.
- 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.

Instrument Panel

Information is conveyed to the Clarity driver quickly and accurately, thanks to a simple yet cleverly designed instrument panel.

- A large, digital speedometer and power-output indicator dominate the center of the panel.
- A unique "power sphere" below the speedometer expands and contracts in direct relation to driving efficiency, helping to coach the driver to optimize fuel efficiency.
- An arc surrounding the center of the panel indicates the amount of combined battery and fuel-cell 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.
- On the left side of the panel, a meter projects the battery's state of charge, which is automatically managed by the car's electronics; no plug required.
- On the right side, the amount of hydrogen fuel remaining in the onboard tanks is displayed.

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Head-Up Display

Clarity features a head-up display, which projects information and warnings onto the windshield within the driver's direct line of sight.

- A digital speedometer readout appears under most conditions.
- When Adaptive Cruise Control (ACC) with low-speed follow[1] and the Lane Keeping Assist System (LKAS)[2] are engaged, the lane-line and following-distance icons are displayed.
- While navigating to a destination, turn-by-turn directions will appear.
- Alerts generated by the Forward Collision Warning (FCW)[3] and Lane Departure Warning (LDW)[4] features will illuminate in the head-up display as well.
- The height of the head-up display's projection on the windshield can be adjusted with a switch to the left of the steering column.

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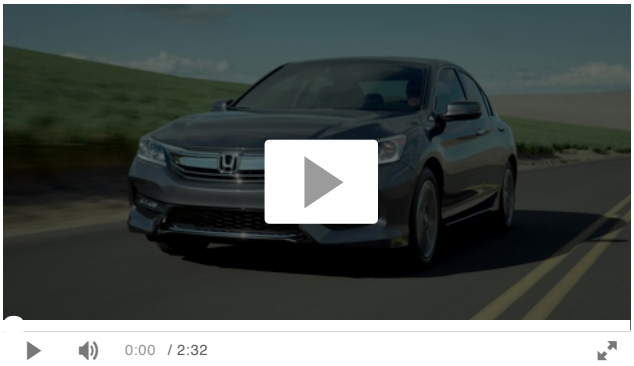
FEATURE: The Clarity features Display Audio with an 8-inch electrostatic touch-screen. It is the gateway to many audio sources, vehicle settings, Apple CarPlay™[5], Android Auto™[6] and HondaLink®[7] features—and the Garmin-based, Honda Satellite-Linked Navigation System™[8].

- To take advantage of all the available features requires a connection between the system and the user's smartphone via *Bluetooth*®[9] HandsFreeLink® and a USB cable plugged into the left-hand USB Audio Interface[10] in the center stack.
- The Clarity's Display Audio supports both Apple CarPlay™[5] and Android Auto™[6]. After pairing a compatible iPhone®[11] or Android™[6] 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.

- You can control phone features, including music and messaging, hands-free using Siri®[12] 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 with Apple CarPlay™[5] and Android Auto™[6]



The Clarity's Display Audio also has the Aha™[13] app embedded in the head unit, so it doesn't have to be downloaded to the paired smartphone—only the HondaLink®[7] app need be present.

- After an Aha account has been established (aharadio.com), drivers can access their pre-selected Web content through the Display Audio by just touching the Aha icon on the home page.
- Aha streams personalized, live, on-demand stations to the system.

Display Audio[13] with the Honda Satellite-Linked Navigation System™[8] 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 system's database features location data and mapping for hydrogen refueling stations.

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.

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Clarity has a unique HondaLink®[7] 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 hydrogen-station finder with current station status; 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 is low, etc.
- There are also parking-reminder and car-finder features.
- The remote-start 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).

HondaLink®[7]

- 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; so keep an eye out for these assets to become available.

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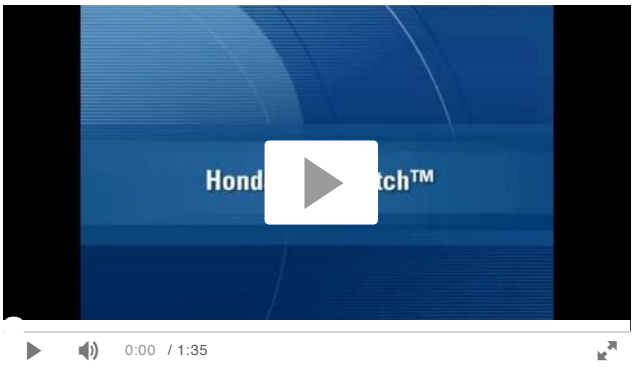
FEATURE: Honda LaneWatch™[14] uses a camera located below the passenger-side mirror to display an

Honda LaneWatch™[14]



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[14] 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[15] adds confidence and convenience when driving on roads with multiple lanes of traffic.

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The Clarity comes with a multi-angle rearview camera[15] 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.

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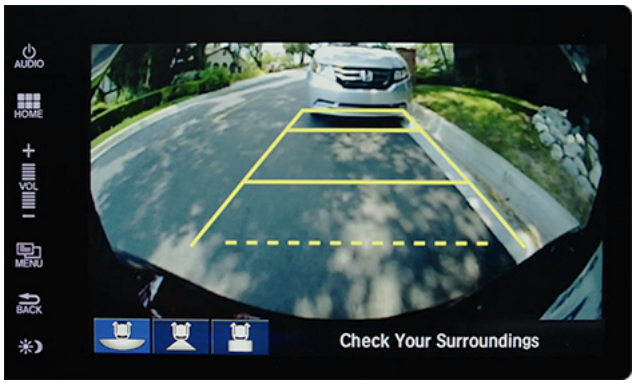
Rearview Camera[15]



Sport Mode

The main features of the Clarity's Sport Mode are the sporty feel and enhanced responsiveness to the throttle, enhancing the car's fun-to-drive factor.

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.

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*®[9] HandsFreeLink® and the voice-recognition system.
- A tilt and telescopic steering column allows drivers to easily adjust the steering wheel to their liking.

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.

Steering Wheel

Interior Utility and Storage

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Dual-Zone Automatic Climate Control

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 side 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.

Cabin Air-Quality Management System

In many instances, the air quality within the Clarity's cabin will be better than the surrounding area.

- In a first for Honda in North America, the Clarity features Plasmacluster® ion technology; this technology generates both positive and negative ions that help reduce or eliminate bacteria, mold, pet dander and odors.
- An air-quality sensor can detect noxious gases and automatically block outside air from entering the cabin.
- In addition to blocking most allergens, the cabin air filter can remove many odors from the cabin.
- The Clarity's carpeting features an enzymatic catalyst that actually destroys organisms and helps keep the interior environment cleaner and more comfortable.

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

- The amplifier is rated at 540 watts, powering a total of 12 speakers.

- Four door-mounted speakers measure 170mm and feature Kevlar cones.

Clarity Audio System

- Four tweeters have aluminum-dome construction.
- A center speaker and a pair of satellites are 80mm units, also featuring Kevlar cones.
- The subwoofer measures 200mm across, for powerful bass presence.

Clarity Audio and Connectivity Specs

Watts	**540**
Speakers	**12**
Pandora® Compatibility[16]	•
SMS Text Message Function[17]	•
SiriusXM® Radio[18]	•
HD Radio™[19]	•
***Bluetooth*®[9] HandsFreeLink®**	•
***Bluetooth*®[9] Streaming Audio**	•
USB Audio Interface[10]	•
Speed-Sensitive Volume Control	•

Pandora®[16] Compatibility

Pandora[16] 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*®[9] feature, users can listen to Pandora's customizable music stations. On the Clarity, this feature works with select iPhone®[11], Android™[6] and BlackBerry®[20] smartphones.

The Honda Satellite-Linked Navigation System[8] 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.

Honda Satellite-Linked Navigation System™[8] with Voice Recognition and Honda HD Digital Traffic

- A massive point-of-interest (POI) database includes telephone numbers, which can be dialed using the *Bluetooth*®[9] HandsFreeLink® system when the driver's cellular telephone is connected to the system.
- The Clarity's database includes information on hydrogen refueling 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[13] touch-screen makes utilizing the entire system both intuitive and easy.

- -

Adaptive Cruise Control (ACC)[1] with Low-Speed Follow

FEATURE: As with a conventional cruise-control system, Adaptive Cruise Control (ACC)[1] 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 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)[1] simplifies driving and helps reduce driver fatigue during highway driving by automatically controlling the distance to the vehicle 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)[2] 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™ 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,

Lane Keeping Assist System (LKAS)[2]

working at speeds of between 45 and 90 mph.

- 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.

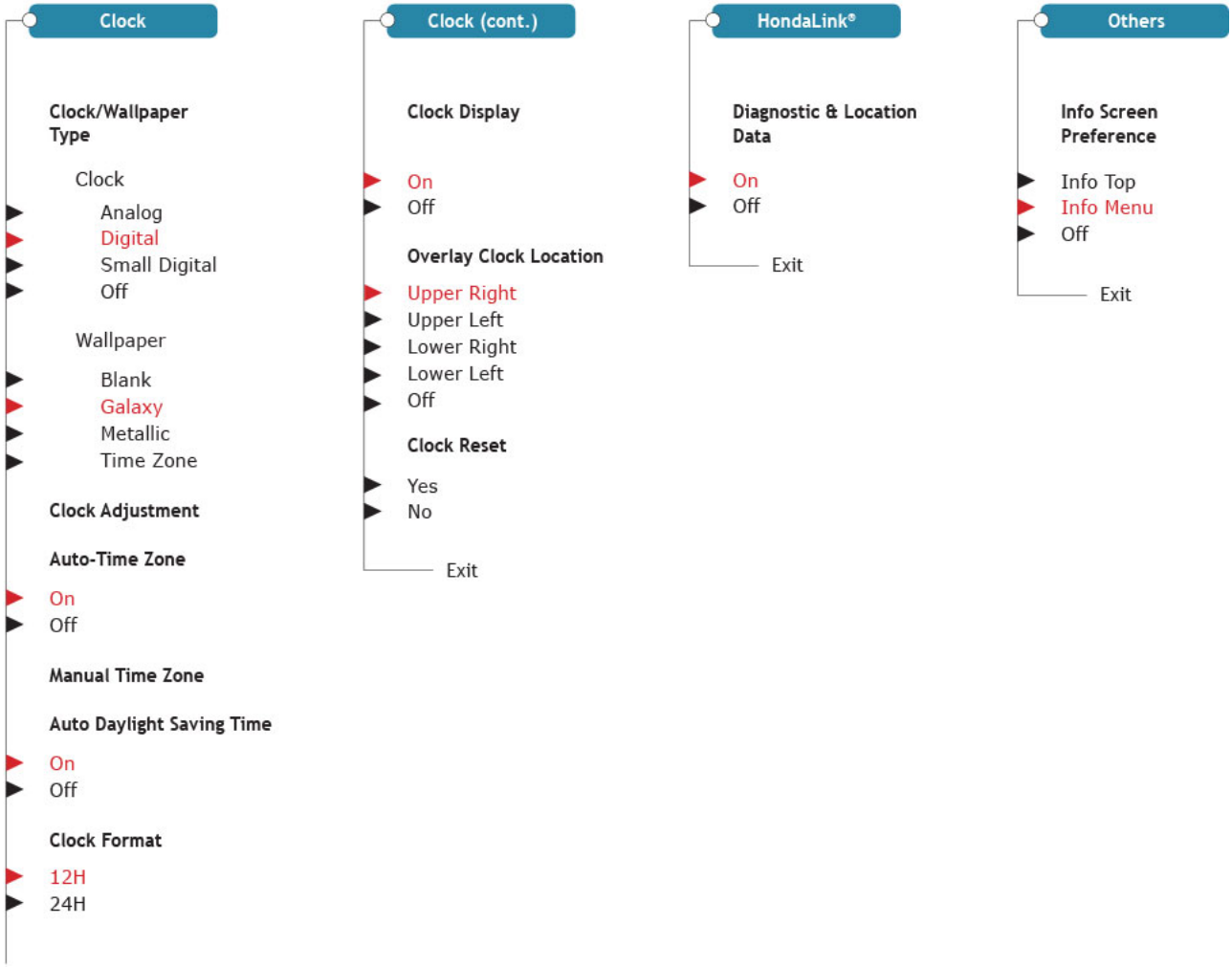
> ***BENEFIT:*** LKAS[2] enhances steering precision and provides a more confident driving experience on narrow roadways.

Customizable Settings

2017 CLARITY CUSTOMIZABLE SETTING CHART

Clock

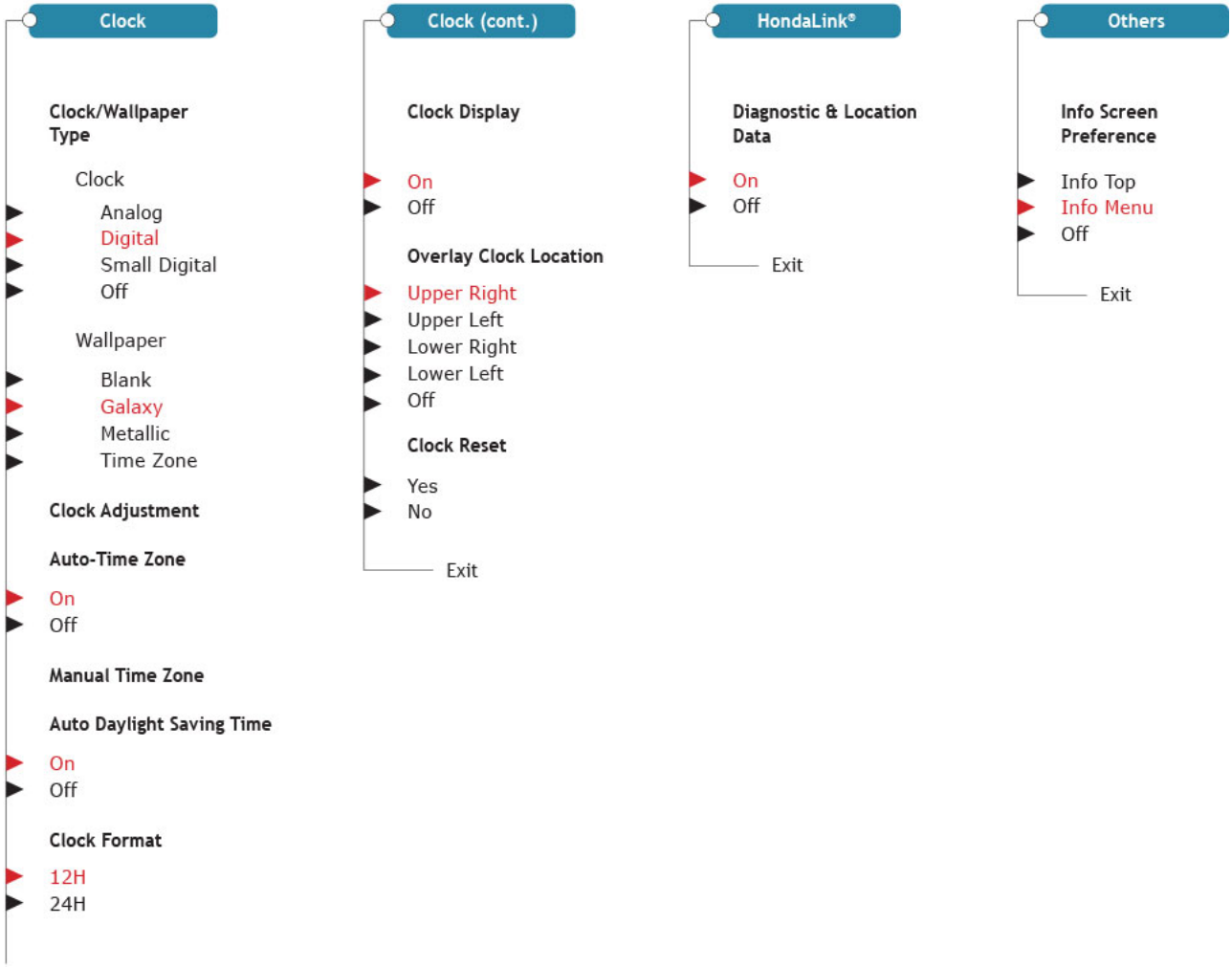
Red type = Default setting



2017 CLARITY CUSTOMIZABLE SETTING CHART

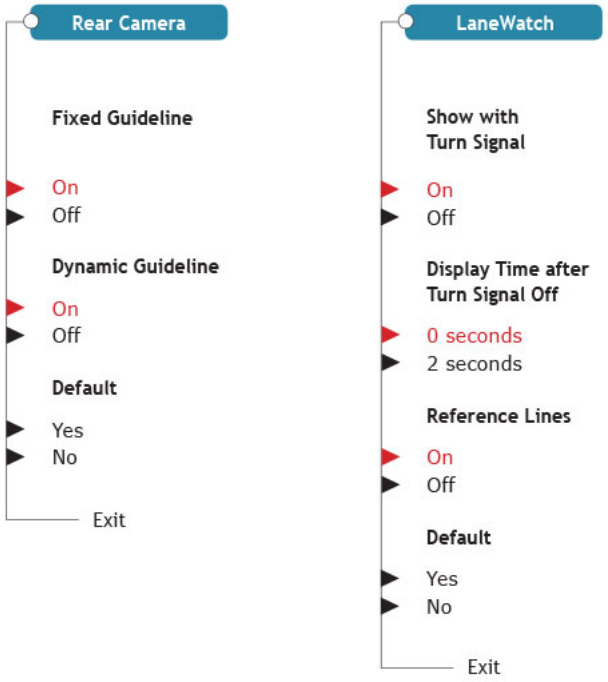
Info

Red type = Default setting



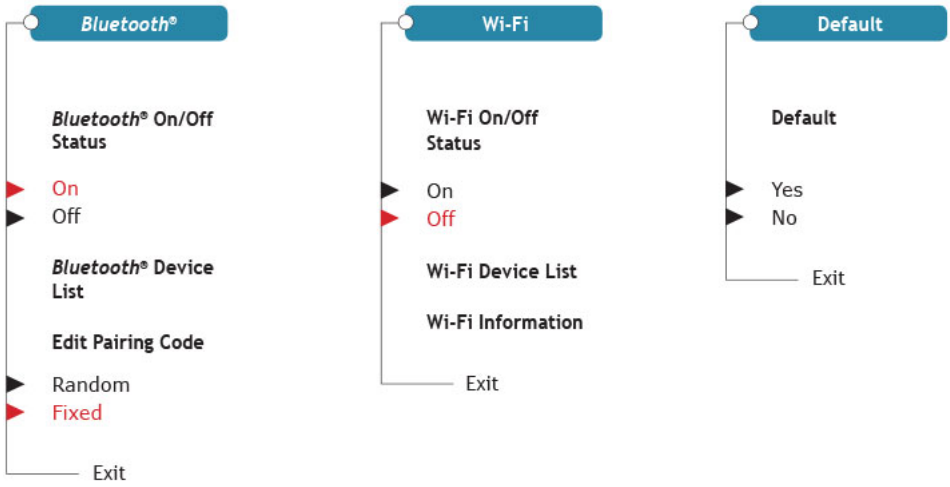
2017 CLARITY CUSTOMIZABLE SETTING CHART
Camera

Red type = Default setting



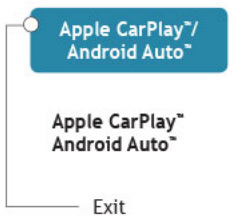
2017 CLARITY CUSTOMIZABLE SETTING CHART
Bluetooth®/Wi-Fi

Red type = Default setting



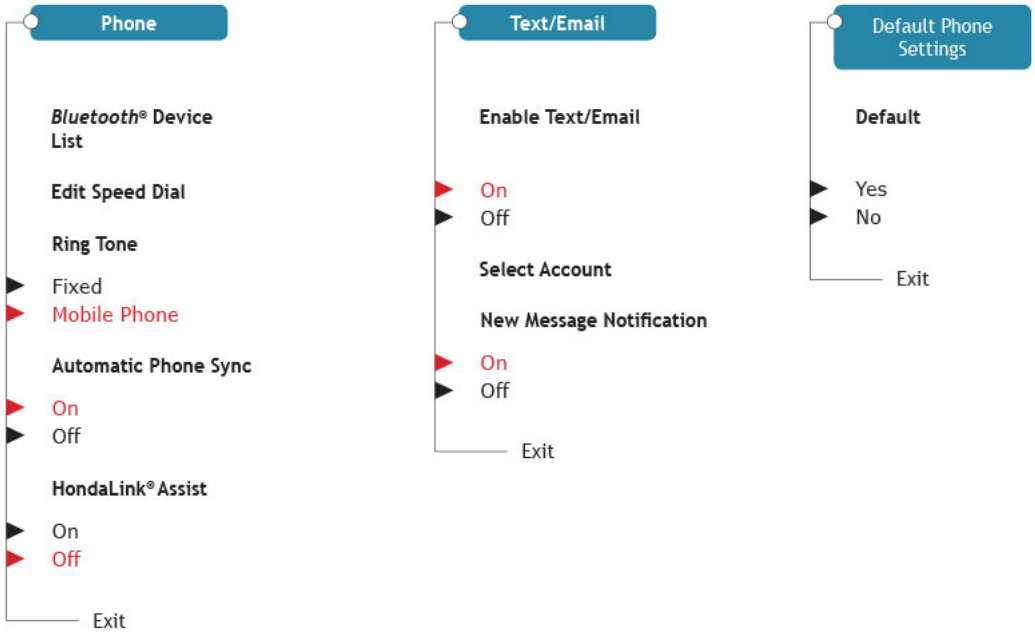
2017 CLARITY CUSTOMIZABLE SETTING CHART
Smartphone

Red type = Default setting



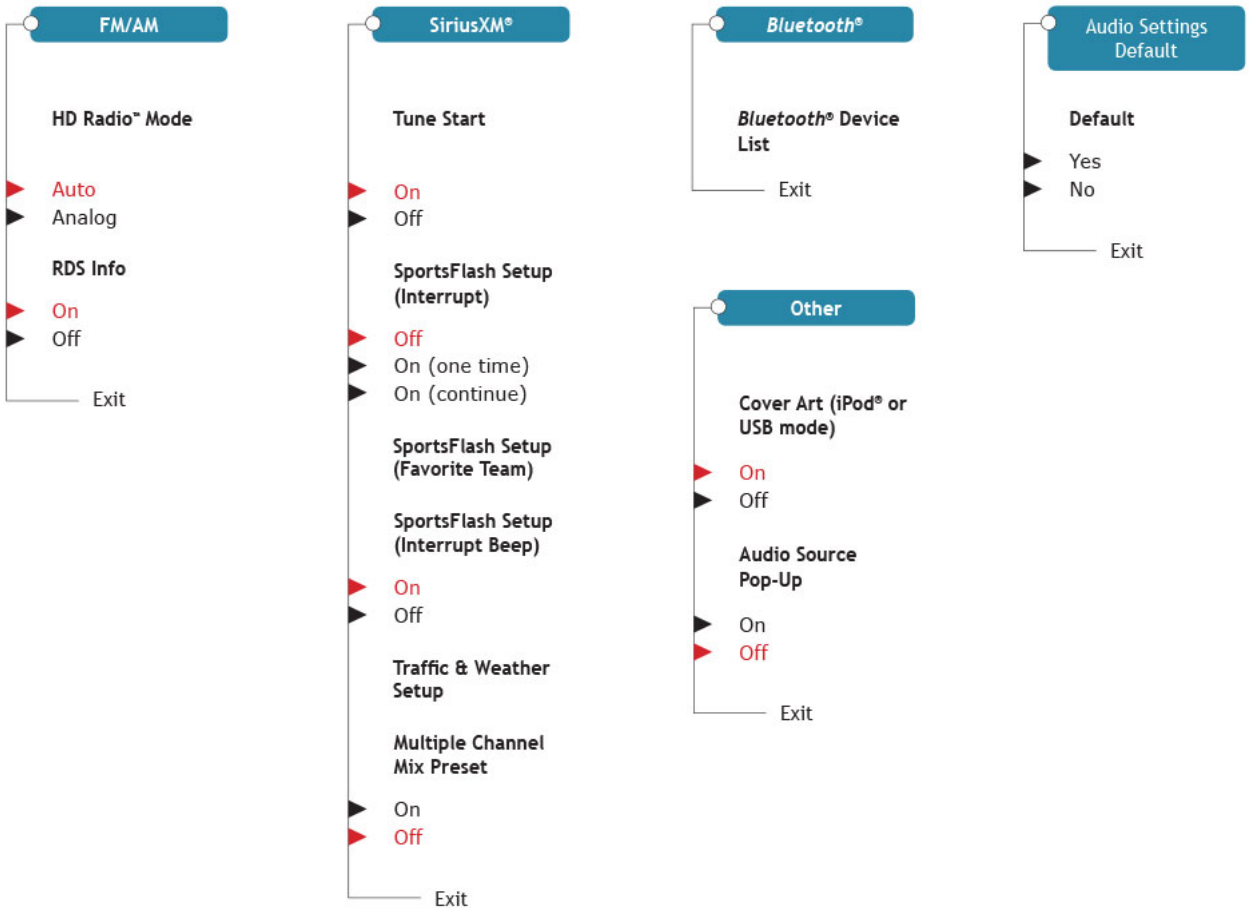
2017 CLARITY CUSTOMIZABLE SETTING CHART
Phone

Red type = Default setting



2017 CLARITY CUSTOMIZABLE SETTING CHART
Audio

Red type = Default setting



2017 CLARITY CUSTOMIZABLE SETTING CHART

System

Red type = Default setting

Home

- **Home Screen Edit Order**
- **Menu Icon Position**
- **Configuration of Instrument Panel**
- Exit

Display

- **Display Settings**
- Brightness (range adjustment)
- Contrast (range adjustment)
- Black level (range adjustment)
- **Background Color**
- Blue
- Amber
- Red
- Violet
- BlueGreen
- **Touch Panel Sensitivity**
- High
- Low
- Exit

Sound/Beep

- **Guidance Volume**
- 1~5
- 6
- 7~11
- **Text Message Volume**
- 1~5
- 6
- 7~11
- **Voice Recognition Volume**
- 1~5
- 6
- 7~11
- **Meter Volume - List Reading**
- 1~5
- 6
- 7~11
- **Meter Volume - Alphabetic Reading**
- 1~5
- 6
- 7~11
- **Verbal Reminder**
- On
- Off
- **Beep Volume**
- Off
- 1
- 2
- 3
- Exit

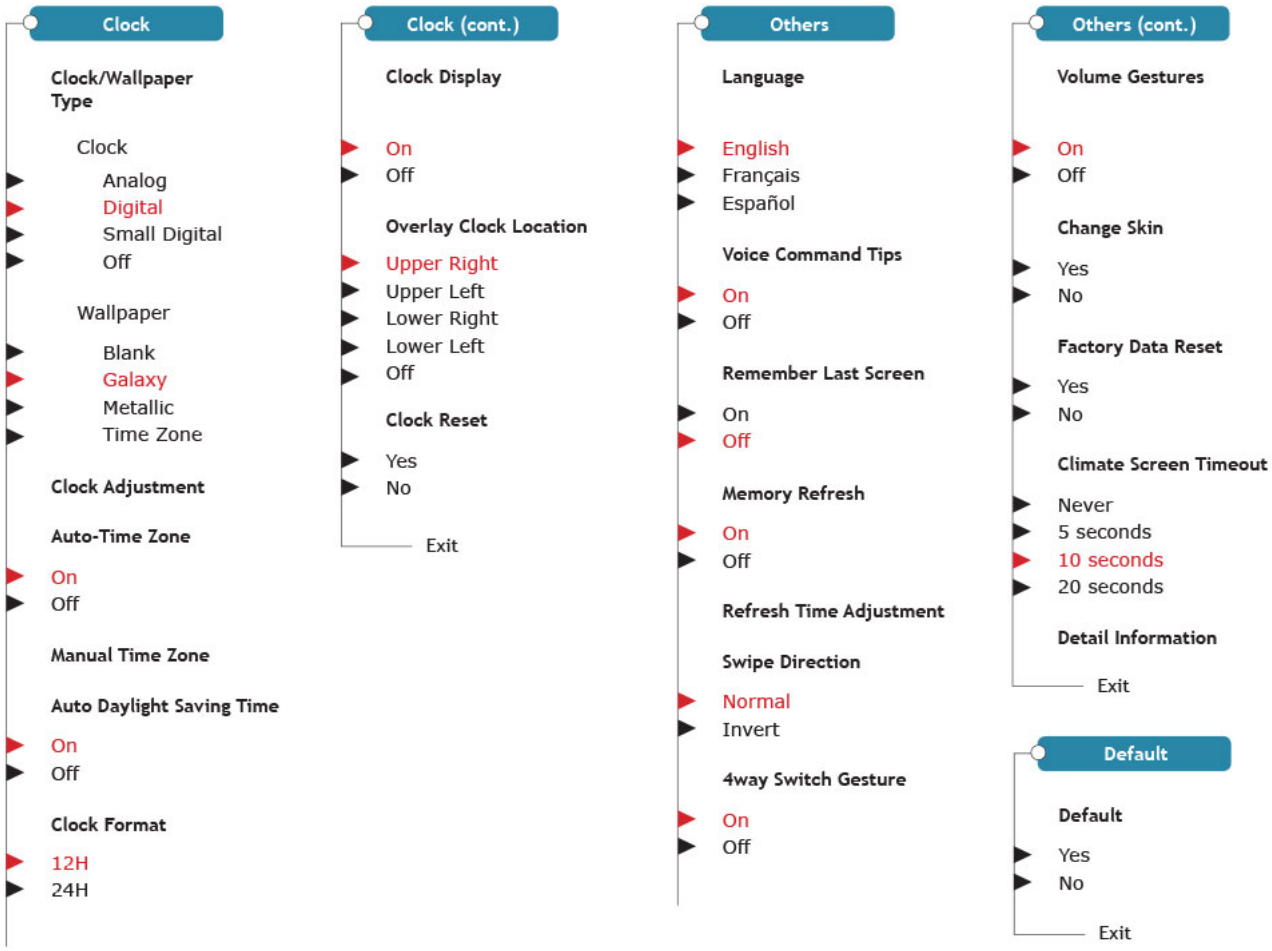
Voice Recognition

- **One Press Voice Operation**
- On
- Off
- **Voice Prompt**
- On
- Off
- **Voice Recognition Volume**
- 1~5
- 6
- 7~11
- **Song by Voice®**
- On
- Off
- **Song by Voice Phonetic Modification**
- **Phonebook Phonetic Modification**
- **Automatic Phone Sync**
- On
- Off
- Exit

2017 CLARITY CUSTOMIZABLE SETTING CHART

System (cont.)

Red type = Default setting



2017 CLARITY CUSTOMIZABLE SETTING CHART
Vehicle

Red type = Default setting

TPMS

TPMS Calibration

- Cancel
- Calibrate

Exit

Driver-Assist System Setup

Forward Collision Warning Distance

- Long
- Normal
- Short

ACC Forward Vehicle Detect Beep

- On
- Off

Lane Keeping Assist Suspend Beep

- On
- Off

Road Departure Mitigation Setting

- Normal
- Wide
- Warning Only

Exit

Meter Setup

Adjust Outside Temp. Display

- -5°~-1°F
- ±0°F
- +1°~+5°F

"Trip A" Reset Timing

- When Refueled
- IGN Off
- Manually Reset

"Trip B" Reset Timing

- When Refueled
- IGN Off
- Manually Reset

Adjust Alarm Volume

- High
- Mid
- Low

Fuel Efficiency Backlight

- On
- Off

Turn by Turn Auto Display

- On
- Off

Meter Setup (cont.)

New Message Notifications

- On
- Off

Speed/Distance Units

- km/h – km
- mph – miles

Exit

Driving Position Setup

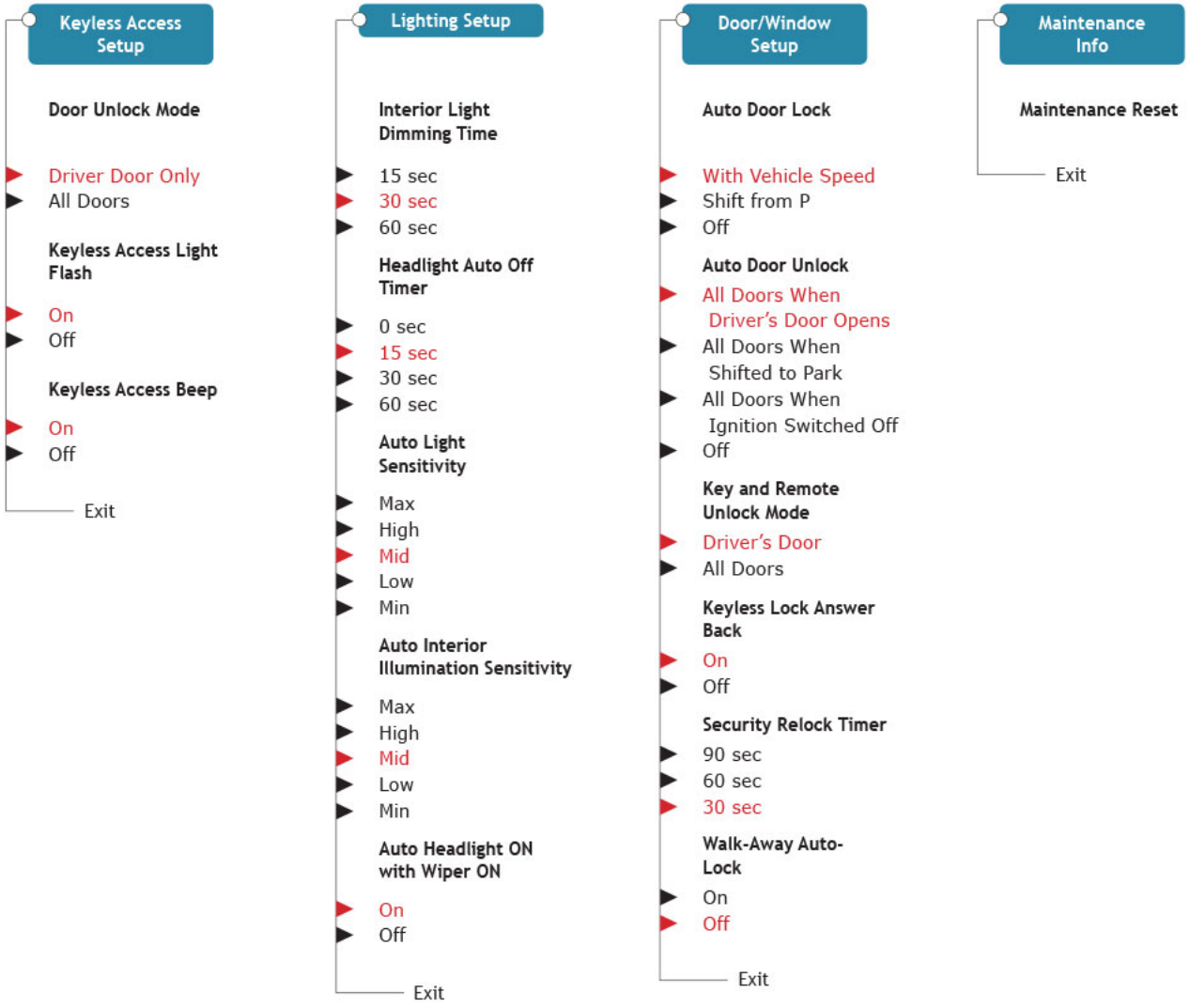
Memory Position Link

- On
- Off

Exit

2017 CLARITY CUSTOMIZABLE SETTING CHART
Vehicle (cont.)

Red type = Default setting



1. 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.
2. 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.
3. 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.
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.
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10. 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.
11. iPhone® is a registered trademark of Apple Inc.
12. 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.
13. The Display Audio Interface is used for direct connection to and streaming from some current smartphones. Some smartphones may not work. Please see your Honda dealer for details.
14. 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.

15. 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.

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EPA MILEAGE RATINGS

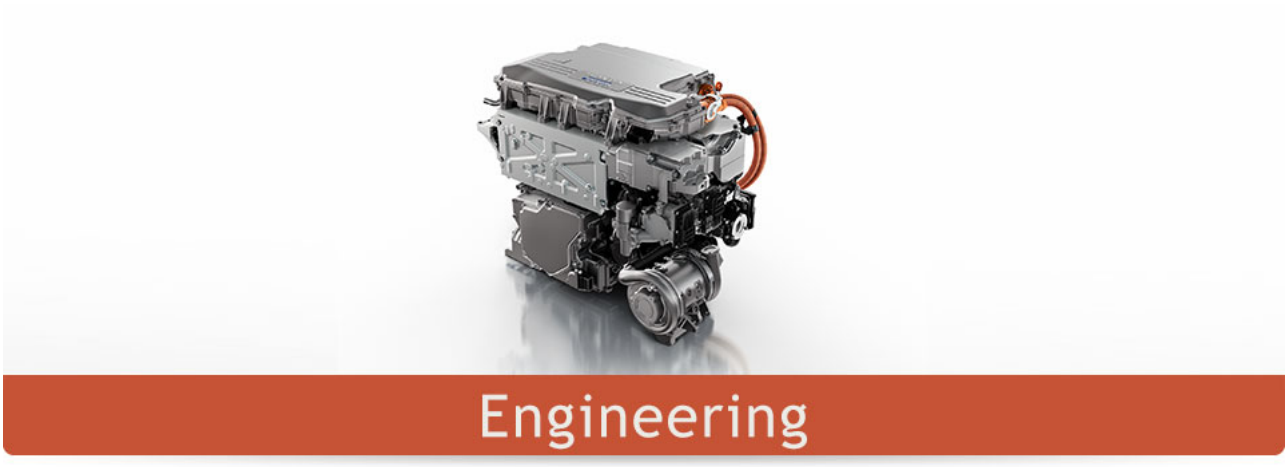
2017 EPA Mileage Ratings

EPA MILEAGE RATINGS[1]/FUEL

Miles-Per-Gallon Equivalent (MPGe) (City/Highway/Combined)	**69/67/68**
Fuel Tank Capacity (kg)	**5.46**
Required Fuel	**Compressed Gaseous Hydrogen**

1. 69 city / 67 highway/ 68 combined miles per gallon of gasoline-equivalent (MPGe) rating; 366-mile driving range rating. Based on 2017 EPA ratings. Use for comparison purposes only. Your MPGe and driving range will vary based on how you drive and maintain your vehicle, driving conditions, powertrain condition, and other factors.

ENGINEERING



Clarity Fuel Cell Powertrain

The Clarity Fuel Cell is essentially an electric vehicle that uses a hydrogen fuel cell as its primary power source.

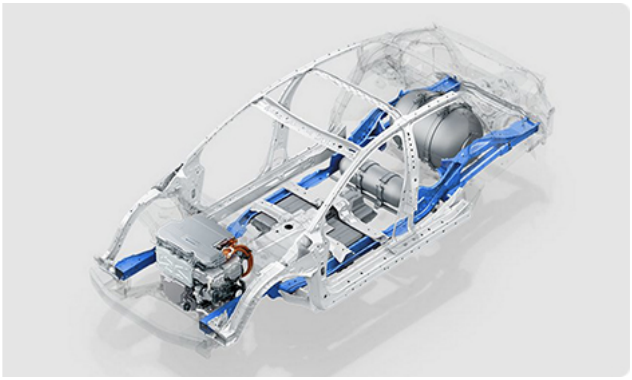
- The electricity supplied by the fuel cell and hybrid-like storage battery powers an electric motor that drives the front wheels.
- The storage battery is designed to enhance efficiency by capturing free kinetic energy during deceleration and regenerative braking; the battery—located under the front seats—helps power the drive motor as well.

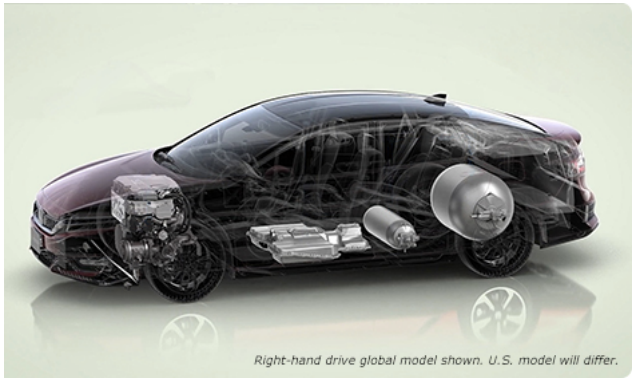
Direct-Drive Transmission

The Clarity uses a 2-tank system to hold just over 5 kg of hydrogen at high pressure for a long driving range.

- The larger main tank is placed behind the rear seats, within the highly rigid rear subframe.
- The second, smaller tank is placed beneath the rear seats.
- Both tanks conform to numerous U.S. and global standards for strength and performance.
- Sensors in the vehicle are designed to detect a hydrogen leak and shut off the system automatically if a leak were detected.
- The tank system is designed to accommodate compressed hydrogen at up to 10,000 psi of pressure.

Hydrogen Tank System





Right-hand drive global model shown. U.S. model will differ.

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 an aluminum hollow die-cast front subframe for remarkable lightness.
- The aluminum rear subframe is lightweight yet highly rigid.

MacPherson Strut Front Suspension

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

- 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.

Multi-Link Rear Suspension

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

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

Clarity Fuel Cell Safety

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 Fuel Cell, thanks to the Advanced Compatibility Engineering™ (ACE™) body structure and extensive use of high-tensile steel.
- Many special systems are designed into the Clarity Fuel Cell to enhance the safety performance of its hydrogen system as well.

- -

Honda Sensing™

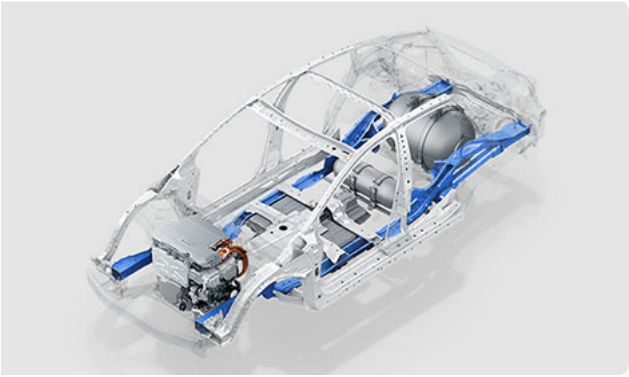
Honda Sensing is designed to take advantage of a variety of technologies to enhance safety as well as driver awareness and convenience. The 2017 Clarity comes standard with the Honda Sensing™ suite of safety and driver-assistive features. It comprises these features:

- Safety features:
  - Collision Mitigation Braking System™ (CMBS™)[1]
  - Forward Collision Warning (FCW)[2]
  - Road Departure Mitigation System (RDM)[3]
  - Lane Departure Warning (LDW)[4]
- Driver-assistive features:

- Adaptive Cruise Control[5] (ACC) with low-speed follow
- Lane Keeping Assist System (LKAS)[6]

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.

Advanced Compatibility Engineering™ (ACE™) Body Structure



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)[1] is one of the most sophisticated safety systems available. It incorporates the features of the Forward Collision Warning (FCW)[2] system. A part of the Honda Sensing suite of technologies, CMBS[1] 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™)[1]

The Road Departure Mitigation System (RDM)[3] 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 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.

Road Departure Mitigation System[3]

Lane Departure Warning (LDW)[4] is a feature included in the Honda Sensing suite of technologies. Incorporated 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.

Lane Departure Warning (LDW)[4]

SmartVent® 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 FCEV SPECIFICATIONS & FEATURES

ENGINEERING	Clarity Fuel Cell
Proton Exchange Membrane Fuel Cell (PEMFC)	•
Operating Range	**-22°F - 221°F**
Power Output	**103kW**
Size	**33 liters**
Weight	**114 lbs**
Lithium-Ion Battery	•
Output	**346 volts**

ENGINEERING	Clarity Fuel Cell
AC Permanent-Magnet Synchronous Electric Motor	•
Horsepower (SAE net)	174 @ 4501-9028 rpm
Torque (SAE net)	221 lb-ft @ 0-3500 rpm
Electric Parking Brake with Automatic Brake Hold	•
Hill Start Assist	•
Remote Climate Pre-Conditioning	•

TRANSMISSION	Clarity Fuel Cell
Fixed, Single-Speed, Direct-Drive Transmission with Sport Mode and Shift-by-Wire (SBW) Overall Gear Ratio: 9.333, Primary Gear Ratio: 2.434, Reverse: 9.333, Final Drive: 3.83	•

BODY/SUSPENSION/CHASSIS	Clarity Fuel Cell
Aluminum Sub-Frames (front/rear)	•
MacPherson Strut Front Suspension	•
Multi-Link Rear Suspension	•
Electric Power-Assisted Rack-and-Pinion Steering (EPS)	•
Stabilizer Bar (front/rear)	30.0 mm (tubular) / 21.7 mm (tubular)
Steering Wheel Turns, Lock-to-Lock	2.41
Steering Ratio	12.72 : 1
Turning Diameter, Curb-to-Curb	38.4 ft
Power-Assisted Ventilated Front Disc/Solid Rear Disc Brakes	12.3 in / 12.2 in
Alloy Wheels	18 in Hybrid Aerodynamic
All-Season Tires	235 / 45 R18 94V Michelin Energy Saver
Tire Repair Kit (TRK) with 24-Hour Assistance	•

BODY/SUSPENSION/CHASSIS Clarity Fuel Cell

EXTERIOR	Clarity Fuel Cell

Wheelbase	**108.3 in**
Length	**192.7 in**
Height	**58.2 in**
Width	**73.9 in**
Track (front/rear)	**62.2 in / 62.5 in**
Curb Weight	**4134 lbs**
Weight Distribution (front/rear)	**57.3% / 42.7%**

INTERIOR MEASUREMENTS	Clarity Fuel Cell
Headroom (front/rear)	**39.1 in / 37.1 in**
Legroom (front/rear)	**42.2 in / 36.7 in**
Shoulder Room (front/rear)	**59.6 in / 57.2 in**
Hiproom (front/rear)	**55.6 in / 55.6 in**
Cargo Volume	**11.8 cu ft**
Passenger Volume	**102.0 cu ft**
Seating Capacity	**5**

EPA MILEAGE RATINGS[2]/FUEL	Clarity Fuel Cell
Miles-Per-Gallon Equivalent (MPGe), (City/Highway/Combined)	**69 / 67 / 68**
Driving Range Rating	**366**
Fuel Tank Capacity	**5.46 kg**
Fuel Tank Pressure	**70 MPa /10,000 psi**
Required Fuel	**Compressed Gaseous Hydrogen**

ACTIVE SAFETY	Clarity Fuel Cell
Acoustic Vehicle Alerting System (AVAS)	•
Vehicle Stability Assist™ (VSA®) with Traction Control[3]	•
Anti-Lock Braking System (ABS)	•
Electronic Brake Distribution (EBD)	•
Brake Assist	•
Multi-Angle Rearview Camera with Dynamic Guidelines[4]	•
Tire Pressure Monitoring System (TPMS)[5]	•

ACTIVE SAFETY	Clarity Fuel Cell
LED Daytime Running Lights (DRL)	●
Forward Collision Warning (FCW)[6] (HS)	●
Lane Departure Warning (LDW)[7] (HS)	●
Collision Mitigation Braking System™ (CMBS™)[8] (HS)	●
Road Departure Mitigation System (RDS)[9] (HS)	●

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

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

DRIVER-ASSISTIVE TECHNOLOGY	Clarity Fuel Cell
Head-Up Display (HUD)	●
Lane Keeping Assist System (LKAS)[10] (HS)	●
Adaptive Cruise Control (ACC) with Low-Speed Follow[11] (HS)	●
Honda LaneWatch™[12]	●

DRIVER-ASSISTIVE TECHNOLOGY Clarity Fuel Cell

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

EXTERIOR FEATURES	Clarity Fuel Cell
Aluminum Hood / Trunk / Fenders / Doors	●

EXTERIOR FEATURES	Clarity Fuel Cell
Smart Wiper System	**Rain-Sensing**
Security System with Remote Entry	●
One-Touch Turn Indicators	●
LED Taillights	●
Chrome Door Handles	●
Body-Colored Decklid Spoiler	●
Smart Entry	●
Heated, Body-Colored Power Side Mirrors	●
Fin-Type Roof-Mounted Antenna	●
LED Turn Indicators	●
LED Headlights with Auto-On/Off (low & high beam)	●

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

COMFORT & CONVENIENCE	Clarity Fuel Cell
Cabin Air Quality Management System	●
Dual-Zone Automatic Climate Control System	●
Leather-Wrapped Steering Wheel	●
Push Button Start	●
HomeLink® Remote System[13]	●
Automatic-Dimming Rearview Mirror	●
Auto-Up/Down Power Windows	●
Illuminated Power Window Switches	●
Power Door Locks/Programmable Auto-Locking Doors	●
Cruise Control	●
Tilt and Telescopic Steering Column	●
Illuminated Steering Wheel-Mounted Controls	●
Center Console with Armrest and Storage Compartment	●
Driver's and Front Passenger's Illuminated Vanity Mirrors	●
LED Map Lights	●
Sunglasses Holder	●
12-Volt Power Outlets (front & rear)	●
Beverage Holders, Front and Rear	●
Sliding Sunvisors	●
Driver- and Passenger-Side Seatback and Smartphone Pockets	●

COMFORT & CONVENIENCE	Clarity Fuel Cell
Remote Fuel Filler Door Release	•
Electronic Remote Trunk Release	•
Rear Window Defroster	•
Cargo Area Light	•
Floor Mats	•
Side Door Pockets	•
Glove Compartment	•

SEATING	Clarity Fuel Cell
Adjustable Front Seat-Belt Anchors	•
Fold-Down Rear-Seat Center Armrest	•
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	•

AUDIO & CONNECTIVITY	Clarity Fuel Cell
540-Watt Premium Audio System with 12 Speakers, including Subwoofer	•
8" Display Audio with High-Resolution WVGA (800x480) Electrostatic Touch-Screen and Customizable Feature Settings	•
HondaLink®[14]	•
Apple CarPlay™[15] / Android Auto™16	•
SiriusXM® Radio[17]	•
HD Radio™[18]	•
Bluetooth® HandsFreeLink®[19]	•
Bluetooth® Streaming Audio[19]	•
Pandora®[20] Compatibility	•
SMS Text Message Function[21]	•
Radio Data System (RDS)	•
Song By Voice® (SBV)	•
USB Audio Interface[22]	1.5-Amp and 1.0-Amp Charging Ports in Center Console

AUDIO & CONNECTIVITY	Clarity Fuel Cell
Honda Satellite-Linked Navigation System™ with Voice Recognition[23], Honda HD Digital Traffic and Hydrogen Refueling Station Locator	•

DRIVER INFORMATION INTERFACE	Clarity Fuel Cell
Audio Settings	•
Average Fuel Economy Indicators (2)	•
Average Speed Indicator	•
Compass	•
Customizable Feature Settings	•
Digital Odometer and Digital Trip Meters (2)	•
Elapsed Time Indicator	•
Exterior Temperature Indicator	•
Fuel Cell Power Generation Monitor	•
Instant Fuel Economy Indicator	•
Maintenance Minder™ System	•
Odometer and Trip Meters (2)	•
Phone	•
Turn-By-Turn Directions	•
Warning Messages	•

INSTRUMENTATION	Clarity Fuel Cell
12-Volt Battery-Charging System Indicator	•
ABS Indicator	•
Adaptive Cruise Control (ACC) with Low Speed Follow (LSF) System Indicator	•
Airbag System Indicator	•
Automatic Brake Hold System and On Indicators	•
Brake System Indicator	•
Collision Mitigation Braking System (CMBS) Indicator	•
Electric Power Steering (EPS) Indicator	•
Fuel Level Indicator	•
Gear Position Indicator	•
Headlights-On Indicator	•

INSTRUMENTATION	Clarity Fuel Cell
High-Beam Indicator	●
High Voltage Battery Charge Level Indicator	●
Hydrogen Leak Indicator	●
Immobilizer System Indicator	●
Lane Keeping Assist System (LKAS) System Indicator	●
Lithium-Ion Battery Charge Level Indicator	●
Low-Fuel Indicator	●
Low-Tire Pressure/TPMS Indicator	●
Power System Indicator	●
Ready Indicator	●
Road Departure Mitigation (RDM) System Indicator	●
Seat-Belt Reminder Indicator	●
Security System Alarm Indicator	●
Shift Lever Position Indicator	●
Speedometer	●
Sport Mode Indicator	●
System Message Indicator	●
Turn Signal/Hazard Indicators	●
VSA System and VSA-Off Indicators	●

1. NA
2. Based on 2017 EPA mileage ratings. Use for comparison purposes only. Your mileage will vary based on how you drive and maintain your vehicle, driving conditions, powertrain condition, and other factors.
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. 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.
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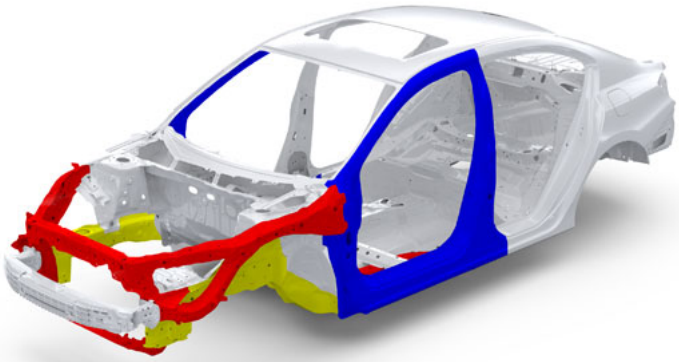
21. Compatible with select phones with *Bluetooth*®. Your wireless carrier's rate plans apply. State or local laws may limit use of texting feature. Only use texting feature when conditions allow you to do so safely.
22. The USB Audio Interface is used for direct connection to and control of some current 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. Check the HondaLink® website for smartphone compatibility. 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

Aerodynamic Design

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Improving aerodynamic efficiency is a continuous goal for Honda engineers and stylists. Honda subjects each model to extensive wind-tunnel testing. Attention to detail is important as well, so Honda automobiles feature flat turbulence-reducing under-body 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.

The major benefits of aerodynamic design include better fuel efficiency[1] (especially at highway speeds), a quieter ride at highway speeds due to the reduction in turbulence and wind noise outside the passenger cabin, and even better stability and resistance to crosswinds.

- -

Body/Chassis Design and Corrosion Protection

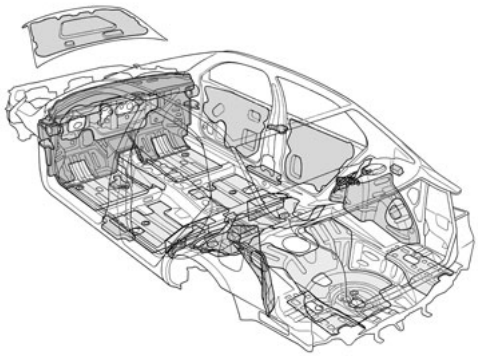
All Honda vehicles utilize unit-body construction. The body and frame are made of steel stampings that are robotically welded into strong box sections, with the outer skin panels contributing to the integrity of the unit body. Extensive corrosion protection is built into every Honda body at the time of manufacture. All body panels are made of rust-resistant, electro-galvanized steel or aluminum alloy. Panels are joined in such a way as 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. In addition, plastic wheelwell liners, splash guards and rocker panels help protect the underside from chipping.

Honda employs many measures to reduce noise, vibration and harshness (commonly referred to as NVH) in order to create a more enjoyable driving experience. Special attention is paid to quieting the engine, soundproofing the cabin, improving aerodynamics and strengthening the body.

All internal-combustion engines create noise and vibration that must be controlled. 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. All Accord models also have a hood blanket to help absorb engine noise.

All Honda models utilize vibration-damping materials in the form of insulators and special high-density plastic sheeting. Large sheet-metal panels, like those found in the rear fender and passenger-compartment floor and firewall, can vibrate and drum in response to road noise and vibration. Honda engineers placed sheeting,

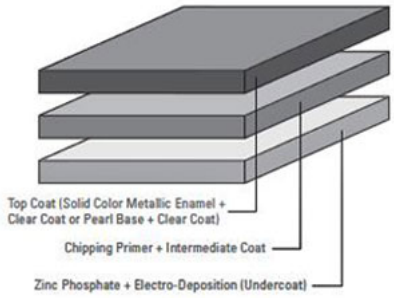
Minimizing Noise, Vibration and Harshness (NVH)



insulation and foam in these panels and in the door pillars to help damp these vibrations, creating a quieter and more enjoyable ride.

The Honda painting process involves cleaning and degreasing each body, then undercoating it by immersion in a zinc phosphate bath. The body is then immersed 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. Finally, 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.

Honda Paint



On-Board Diagnostics II (OBD-II)

On all Honda models except Fit EV and FCX Clarity, OBD-II, a sophisticated computer program built into the powertrain control module (PCM), constantly monitors specific emissions-system hardware for operation and performance. Not only can OBD-II detect circuit problems, it's also self-diagnostic. Through stored data, it can tell a service technician which circuit has a problem and, through "freeze frame" data, under what operating conditions.

- -

Honda engines use several different types of advanced engine mounts to control engine vibration. All front-wheel-drive models have inertial-axis mounts, and Honda engineers used computer analysis to determine their optimum location, so they effectively control engine vibration over a wide range of engine speeds. The result is a quieter, smoother-operating automobile.

In addition to the Active Control Engine Mount System used on VCM-equipped engines, an electronically controlled engine mount is used on automatic transmission-equipped Accord, Crosstour, Odyssey, Pilot and Ridgeline models, which helps damp engine vibrations at varying engine speeds.

Another engine mount found on the Accord, Civic, Crosstour, Odyssey, Pilot and Ridgeline 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.

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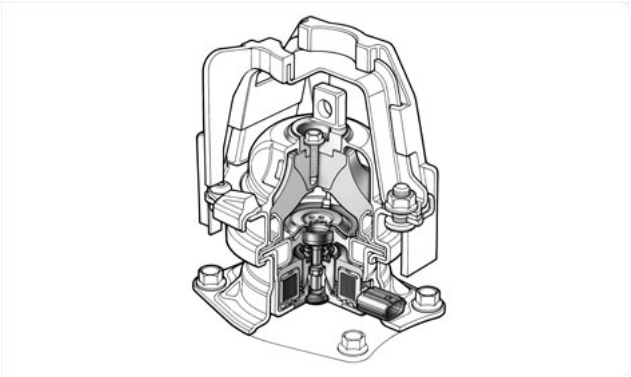
Engine Mounts



Front-Wheel Drive

All Honda cars and two-wheel-drive trucks use front-wheel drive, with transverse-mounted engines. The benefit of this design is that it eliminates the additional space generally required for an engine/transmission/driveshaft layout found in most front-engine, rear-wheel-drive vehicles. As a result, there's more room for passengers and cargo. In order to maximize the benefits of this design, Honda engineers devote a great deal of attention to making their engines as compact as possible.

- -

Ventilated Front Disc Brakes and 4-Wheel Disc Brakes

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.

Many Honda models utilize 4-wheel disc brakes with an anti-lock braking system (ABS). Four-wheel disc brakes provide an additional measure of control and heat dissipation required by the performance nature of these models.

- -

Hill Start Assist (Accord, Civic, Clarity, Fit, CR-V, HR-V, Pilot and Ridgeline)

Hill start assist helps prevent a vehicle stopped on an uphill or downhill grade from rolling backward or forward when the driver's foot moves from the brake pedal to the accelerator. Sensors inform the brake-system ECU when the vehicle is stopped on a 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.

- -

Variable Power-Assisted Rack-and-Pinion Steering

Rack-and-pinion steering gives the driver more precise control and better road feel. Additionally, most Honda models are equipped with torque-sensing power steering with variable assist. This means that the boost that is applied to the system is in direct proportion to both the amount of force (torque) created between the tire and the road as the wheel is steered and the vehicle's speed. As the force increases, the system increases the amount of power assist accordingly. Also, assist is greater at lower speeds such as in a parking lot.

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, such as hot-weather operation or a lot of short trips, Maintenance Minder will indicate that the vehicle should receive service sooner than the regularly scheduled interval. It also monitors standard prescribed maintenance procedures and intervals, such as tire rotation, transmission service and replacement of coolant, spark plugs and filter.

Maintenance Minder System

Honda Satellite-Linked Navigation System with Voice Recognition

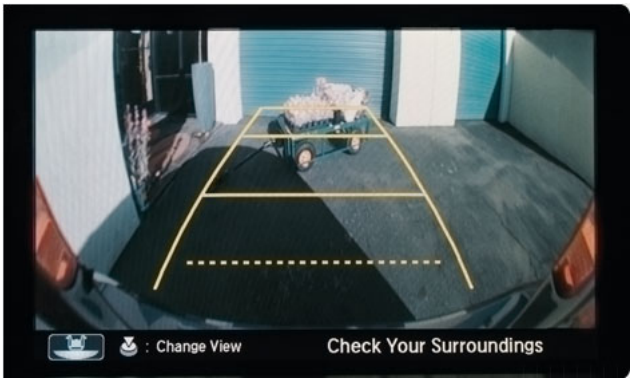
All Honda vehicles make available a Honda Satellite-Linked Navigation System™[2] with voice recognition. The systems provide coverage in all 50 states, as well as Canada and Puerto Rico.

Here are some of the major features of the navigation system:

- 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 a feature called Honda HD Digital Traffic.
- Using the navigation-system setup function, customers can import a favorite photograph to use as "wallpaper" on the display.
- At the driver's discretion, the navigation system will choose scenic routes, including National Scenic Byways and All-American Roads.[3]
- The system's onboard database features several million points of interest such as hotels, banks, museums and local attractions.[3]
- The system will respond to over 1,000 voice commands, such as "Find nearest ATM" or "Go home." A button on the steering wheel activates the microphone.

- The vehicle’s audio system is used to relay voice prompts from the navigation system to the driver.

Rearview Camera



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 to help the driver see objects that might be in the way.

Select models offer a multi-angle rearview camera. In addition to standard view, the driver can select wide view or top view.

Note: Please convey to customers that although the camera does help drivers see objects directly behind the vehicle, it does not replace the need to be aware of their surroundings by looking over their shoulder and in the vehicle's mirrors.

Bluetooth® HandsFreeLink

Bluetooth®[4] HandsFreeLink® enables drivers to make and receive mobile phone 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*®[4] wireless technology, HandsFreeLink enables the driver to use a cellular phone without even handling it—as long as the phone is somewhere inside the vehicle. Drivers can pick a compatible phone of their choosing, as long as the phone features *Bluetooth* wireless technology and features the Hands-Free Profile. A list of compatible phones can be found at 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 TALK and BACK buttons, located in the lower-left section of the steering wheel, let drivers operate the system. The HandsFreeLink internal phone book can store up to 50 phone numbers. In addition to using speech recognition to store these numbers, owners can send individual phone numbers into the system's database. And on navigation-equipped models, drivers with select phones can even import their entire phone book into the navigation system database in a few simple steps.

This feature is available for phones that have the Message Access Profile (MAP) software. It gives drivers the ability to receive text messages and send pre-written replies.[5] When this system first launched, only select phones — including some BlackBerry[6] models—were MAP-compatible. As more compatible phone models become available, they will be added to the list of compatible devices at handsfreelink.honda.com.

To get started using the text message function, the driver's MAP-compatible phone must be paired with the vehicle's *Bluetooth*®[4] HandsFreeLink® system. When the vehicle is moving, the SMS feature allows the driver to receive text messages, but the full text of the message can't be displayed unless the vehicle is stopped. When a message is received, an alert will appear on the i-MID and the driver can choose to save the message for later or have the message read aloud through text-to-speech technology.

The system allows the driver to choose from six pre-written messages to respond:

- Talk to you later, I'm driving

Short Message Service (SMS) Text Message Function

- 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.

The driver controls the text-messaging feature through the audio control panel. Use the phone button to get to the text-message menu, then use the audio selector knob to make all selections. If the vehicle is equipped with navigation, voice commands can be used to control some text functions. The system will display up to 20 text messages, and unread messages will display as an unopened envelope icon.

If the vehicle is stopped, the texting restrictions are turned off and the driver can choose to display the entire text message. When the car begins moving again, the texting restrictions automatically resume.

- -

This popular audio application offers drivers a rich, personal music experience. When a compatible smartphone —on which the Pandora®[7] app has been downloaded and installed—is connected to the USB Audio Interface,[8] or

Pandora Compatibility

via *Bluetooth*®[4] on some smartphone models, Pandora can be opened and menus selected that show up on the vehicle's i-MID screen. Pandora functions are controlled by using the AUX button with the audio selector knob on the control panel or the audio touch-screen.

When users enter a song or artist that they enjoy, Pandora responds by playing selections that are musically similar. Users then let Pandora know if they like the selection or not by choosing the "Like" or "Dislike" icons on the i-MID screen. The more the user

interacts with Pandora, the more information it will collect and use to determine future music selections. Radio stations are therefore created according to the user's taste.

Music can also be streamed wirelessly using *Bluetooth*®[4] instead of the USB connection, but on certain models the user won't have the full functionality of the vehicle's Pandora controls, and audio quality won't be as high.

Speed-Sensitive Volume Control

This feature can adjust the audio system's volume to help compensate for increased ambient noise levels as vehicle speed rises. The system can be set by the user to one of three different volume levels—low, medium or high.

Radio Data System (RDS)

When in FM mode, the Radio Data System (RDS) allows the radio to display the station, song title and artist when tuned to participating RDS broadcast radio stations. It also allows your customers to search for radio stations by their favorite category, such as Rock, Jazz, News, Sports, etc.

USB Audio Interface

The USB Audio Interface[8] enables owners to dock, charge and control a variety of current digital audio players, such as an iPod®[9], directly through the audio system. USB mass-storage devices such as flash drives can also be used to play back MP3, WMA or AAC music files, and can display the song title, artist and other information on the audio screen. However, some USB devices with security software and digital-rights-protected files may not work.

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

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 dual-zone climate control system uses global positioning system (GPS) technology to monitor the sun's position, making necessary adjustments to ensure that selected interior temperatures remain stable in the respective zones.

The remote entry system allows the driver to unlock the doors with the press of a button on the wave key. 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.

In addition to controlling the power locks for all doors, the key or remote buttons can lower all of the power windows and open the moonroof on select models. This allows drivers to vent the interior as they approach their vehicle. To activate the feature, the driver pushes the UNLOCK button a second time and continues

Power Door Lock with Remote Entry

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 the 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 until all the windows are raised and the moonroof has closed.

- -

Auto-Door Locking and Unlocking

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 can be programmed to lock the doors three different ways and unlock five different ways in order to accommodate a variety of personal preferences. Or the system can be completely deactivated, if so desired. Customers, especially those with children, will appreciate the convenience of the auto-lock feature.

Auto-Door Locking:

The auto-door locking feature has three possible settings:

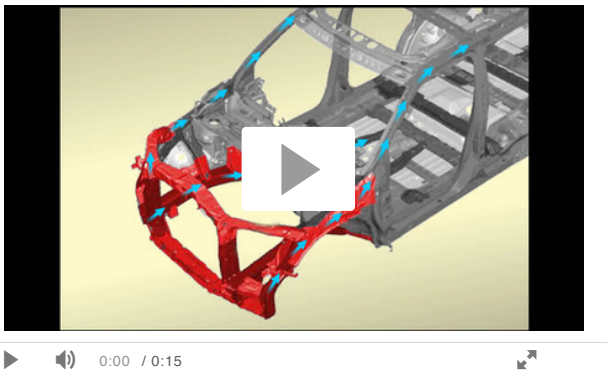
1. The doors lock when the vehicle speed reaches 9 mph (15 km/h). This is the factory setting.
2. The auto-door locking is deactivated all the time.
3. The doors lock whenever you move the shift lever out of the Park (P) position.

Auto Door-Unlocking:

The auto-door unlocking feature has five possible settings:

1. The driver's door unlocks when you move the shift lever to the Park (P) position. This is the factory setting.
2. The driver's door unlocks whenever you turn the ignition switch to the accessory (I) position.
3. All doors unlock when you move the shift lever to the Park (P) position.
4. All doors unlock whenever you turn the ignition switch to the accessory (I) position.
5. Auto-door unlocking is turned off all the time.

Advanced Compatibility Engineering (ACE) Body Structure



The Advanced Compatibility Engineering™ (ACE™) body structure is a Honda-exclusive body design that enhances occupant protection and crash compatibility in frontal collisions. The ACE design 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. The design also helps reduce the potential for misalignment with the frame of an opposing vehicle, whether it is large or small.

Select models feature the latest ACE body structure. This design incorporates additional structural elements engineered to enhance vehicle performance in small overlap frontal collisions (where only roughly one-quarter of the vehicle's outer front end is engaged by another vehicle or object), which also translates into better performance in the Insurance Institute for Highway Safety (IIHS) small overlap frontal crash test.

Front Airbags

It is important to remember that the front airbags are supplemental to the seat belts, as the name supplemental restraint system (SRS) implies, and are designed to work only in a moderate-to-severe frontal collision. All Honda models feature front airbags (SRS) that can help protect the driver and front passenger in the event of a moderate-to-severe frontal impact. 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 instrument panel, in front of the passenger. The general location of the passenger's airbag is marked with the initials SRS—so customers should not install dashboard covers or other objects on the panel.

The front airbags are activated when sensors detect a moderate-to-severe frontal impact. The electronic control unit (ECU) sends an electric current to the airbags' inflators. The inflators then ignite, producing a large

quantity of inert nitrogen gas, which inflates the airbags. The inflated airbags help absorb the driver's and front passenger's forward momentum, cushioning the face and upper torso. 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. Once they are deployed, the airbag units cannot be repaired and must be replaced.

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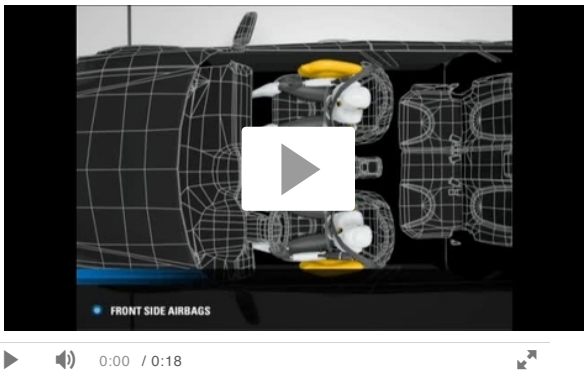
Front side airbags, standard on all current Honda vehicles, were designed to inflate to help protect the driver and front passenger in the event of a moderate-to-severe side impact. Side-impact sensors on both sides of the car can detect a side collision and, if needed, the airbag on the side of the 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. They are operated by the same ECU that operates the front airbags.

Front Side Airbags



When the driver's side-impact sensor registers a moderate-to-severe side impact, the ECU deploys the driver's side airbag. The airbag cushions the area between the driver's chest and left shoulder area and the door. On some models, the airbag also cushions the pelvic area. As with front airbags, inflation happens within a fraction of a second, followed by rapid deflation.

The front passenger's side airbag on some Honda models features an Occupant Position Detection System (OPDS). OPDS sensors in the seatback estimate the height of the occupant, and a sensor in the right seat bolster senses if the occupant is leaning into the side-airbag deployment path. This system is designed to help prevent the side airbag from deploying if a child, or small-statured adult, leans into the side-airbag deployment path. OPDS can also illuminate the side airbag-off indicator to alert the driver that the airbag has been disabled. When the passenger returns to an upright position, the side airbag will resume normal operation and the side airbag-off indicator will go off. If the front passenger uses a cushion or other object, such as a backrest, it may interfere with the sensor functions and prevent the side-airbag cutoff system from working properly. Also, seat covers should not be used on any Honda, or other vehicles equipped with side airbags, as they may impede proper side airbag-cutoff system and airbag functions.

Select models, starting with the 2013 model year, receive SmartVent™ front side airbags. By modifying how the airbag fills with gas during deployment, this feature is designed to provide side-impact protection for both adult-sized and smaller-statured occupants while eliminating the need for the Occupant Position Detection System (OPDS).

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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 equipped in some Honda models are also designed to help reduce the likelihood of partial and complete ejection of vehicle occupants through side windows in crashes, particularly rollover crashes.

The side curtain airbag module is positioned in a small compartment along the side of the headliner. A gas generator, usually installed at the rear pillar, inflates the bag to create a cushioning layer on the impacted side of the car. As an added benefit, Accord, Civic, CR-V, Fit, HR-V, Odyssey and Pilot feature a rollover sensor that deploys the side curtain airbags if it detects a rollover.

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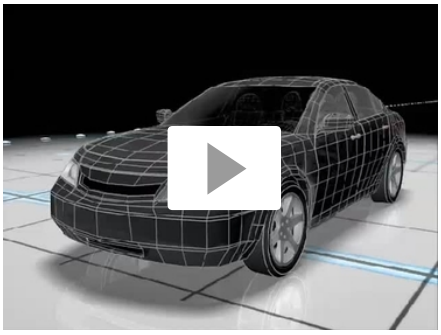
Every current Honda model is equipped with Vehicle Stability Assist™ (VSA®)[10]. It combines the functions of the ABS together with traction control and side-slip control to improve driver control and steering stability

Side Curtain Airbags

when oversteering and understeering is detected. It also helps provide side-slip suppression, which occurs when cornering forces exceed the ability of the tires to maintain traction, and the vehicle begins to understeer or oversteer in a turn. Honda's computer-controlled VSA system is calibrated to add stability and predictability without stifling driving enjoyment. Its operation is designed to be "transparent," so drivers may not even notice when VSA is actuated.

Working jointly with VSA is Honda's Drive-by-Wire throttle system. This system replaces conventional throttle hardware with an all-electronic system, which senses the throttle-pedal position and relays that information to an ECU. The ECU then signals a motor that instantaneously performs the actual throttle activation.

Vehicle Stability Assist (VSA) with Traction Control



The traction control aspect of the VSA system works just as seamlessly. It networks with the ABS sensors and software to detect wheel slippage when starting on low-traction surfaces. Wheel speeds are monitored by the ABS sensors and the ECU, which determine if slippage is occurring. If detected, it activates one or more brake calipers to slow the spinning wheel—and may also reduce throttle—until it can regain traction.

Traction control also 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.

- -

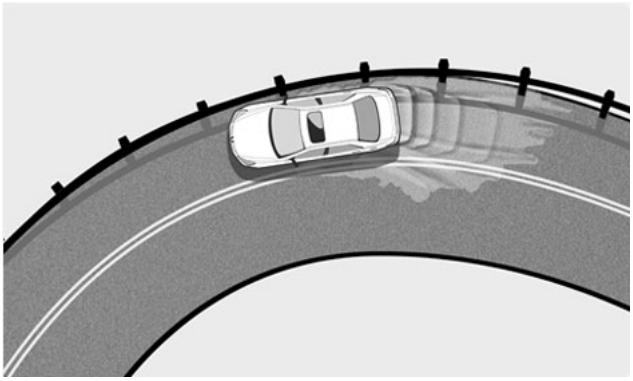
The ABS has been designed to help the driver retain steering control while braking. The system works by maintaining the wheels near their point of maximum traction during hard braking, which allows the driver to brake and steer at the same time without the brakes locking and the tires skidding. This can be especially useful when braking hard on wet or low-traction surfaces.

Honda's ABS uses sensors at each wheel that measure wheel-rotation speed and send that 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. Then brake-line pressure is restored. If the

wheel begins to lock again, the cycle is repeated. The system can cycle up to 100 times a second, maintaining optimum traction for the surface conditions.

Normally, when the ABS is operating, hydraulic pressure is rapidly cycled on and off at each wheel that is slipping. This can cause a pulsing, or kickback, of the brake pedal that can surprise the driver, but means the system is operating normally. The ABS on most Honda vehicles uses a special unit that reduces pedal kickback.

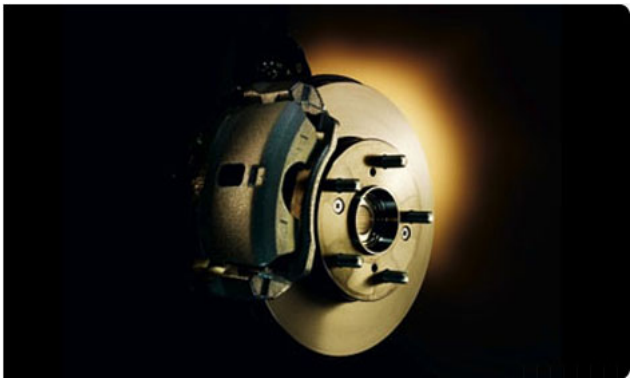
Anti-Lock Braking System (ABS)



There is an ABS status indicator located on the instrument panel. When the vehicle is started, the indicator will go on for a few seconds, then shut off, indicating that the system is operating properly. If the ABS status indicator comes on while the engine is running, the system should be checked immediately by a Honda dealer.

EBD is an exacting method of ensuring that proportionate braking forces are applied to each brake. During

Electronic Brake Distribution (EBD)



braking, most of the vehicle's weight shifts to the front wheels, causing them to have the greatest amount of traction in most braking situations. In order to avoid unnecessary ABS cycling during a non-emergency stop, the 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

This safety feature is found on all current Honda vehicles. 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 helps drivers apply full braking force, thus helping to stop the vehicle in the shortest distance possible. When the driver releases pressure on the brake pedal, the Brake Assist system deactivates.

Seat belts are the primary means of protection in all types of collisions. Honda 3-point seat belts are designed to provide the greatest amount of comfort, while offering maximum protection to the occupants.[11] Most Honda models feature 3-point seat belts with adjustable upper anchors in the front. They allow the shoulder belt portion of the seat belt to be adjusted for a more comfortable fit.

Seat Belts

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

According to 2009 statistics from NHTSA, about 84 percent of passenger vehicle occupants wear their seat belts. Another NHTSA statistic from the same year points out that the fatality rate incurred by unbelted occupants is 44 percent. 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.

Here's how it works: 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. And 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.

Since many Honda owners have families, it is only fitting that Honda help parents and caregivers to take good care of the younger passengers, too. 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.

The Honda Accord and Civic are equipped with an emergency trunk release that glows in the dark, allowing the trunk to be opened from the inside.

Child Safety Features

LATCH (Lower Anchors and Tethers for Children)

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. No additional locking clip is needed. Be sure to follow the directions in the child-seat and vehicle owner's manuals.

Tire Pressure Monitoring System (TPMS)

All Honda models feature a Tire Pressure Monitoring System[12] that monitors tire pressure in all four tires.

On some models (except Accord, Civic, CR-V, Fit and HR-V), sensors located at each wheel’s valve stem monitor each individual tire’s pressure. When a tire sensor indicates that tire pressure has dropped more than approximately 25% below the recommended pressure in any of the four tires, the sensor sends a signal to a receiver located on the vehicle. The TPMS system then alerts the driver to this by illuminating the TPMS indicator within the gauge cluster. (Note: Spare tires do not have TPMS.) The Accord, Civic, CR-V, Fit and HR-V systems work similarly, but use the vehicle’s ABS wheel-speed sensors to calculate air pressure based on wheel rotation characteristics.

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 are to visually inspect the tires, check and adjust their pressure when cold to the appropriate specification.

All Honda cars and trucks are equipped with Daytime Running Lights (DRL). This feature is designed to enhance the visibility of the vehicle to other drivers and pedestrians. The DRLs are designed to illuminate during daytime driving, and automatically switch off when the vehicle's headlights are on.

1. Based on 2017 EPA mileage estimates. Use for comparison purposes only. Your actual mileage will vary depending on how you drive and maintain your vehicle.
2. The Honda Satellite-Linked Navigation System™ is standard in the United States, Canada and Puerto Rico. (HondaLink Real-Time Traffic™ service only available in the United States, except Alaska.) Please see the navigation manual for details.
3. Some roads unverified. Please see the navigation system manual for details.
4. The *Bluetooth*® word mark and logos are owned by *Bluetooth* SIG, Inc., and any use of such marks by Honda Motor Co., Ltd. is under license. Visit handsfreelink.com for a list of compatible phones and available features.

5. 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.

6. BlackBerry® is the property of Research In Motion Limited and is registered and/or used in the U.S. and countries around the world. Used under license from Research In Motion Limited.

7. 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. Not all devices compatible with USB connection. Your wireless carrier's rate plans apply. 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.

8. 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.

9. iPod® is a registered trademark of Apple Inc., registered in the U.S. and other countries.

10. 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.

Daytime Running Lights (DRL)

11. Always use seat belts and appropriate child seats. Children 12 and under are safest when properly restrained in the rear seat.

12. 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 the owner's manual for details.