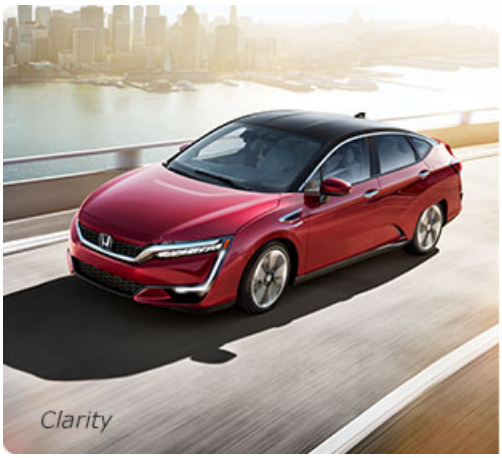
2017 CR-V Facts Guide

INTRODUCTION


Clarity


EarthDreams® Technology


HondaJet®

The Honda Brand

At Honda, dreams have been instrumental to our success from the very beginning. Today, those dreams are reflected in our automobiles. In the 21st century, the power of Honda's dreams will continue to lead to new insights and new technology.

Examples of turning dreams into reality include the zero-emission Clarity Fuel Cell electric vehicle slated for production in 2016, and the Accord Hybrid—which features Honda’s 2-motor hybrid system. These vehicles ensure Honda’s position as a manufacturer of some of the cleanest automobiles in the world.

The imagination of Honda engineers exceeded earthly limits by pioneering a new type of jet aircraft — the HondaJet®, the ultimate in advanced light-jet travel that consumes far less fuel than conventional jets in its class. And let's not forget ASIMO®, a Honda robot that walks, talks and sings — and serves as an advanced study in mobility to inspire out-of-the-box thinking.

Honda's innovative spirit is alive and well. It's evident in a wide variety of products. And as Honda continues to innovate, those products will continue to improve lives—which is what “The Power of Dreams” is all about.

Design Concept

After dominating utility-vehicle sales for the past several years, the 2017 CR-V has been totally reimagined to maintain its position at the top.

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- Its restyled exterior looks both tougher *and* more refined.
- Dynamic performance has been upgraded.
- The CR-V's technological prowess has been markedly advanced.
- Cargo-accommodating features have been enhanced.
- A broad slate of new safety features is now available.
- And passengers benefit from the most comfortable and convenient cabin in the CR-V's long and distinguished history.
- So owners will revel in this vehicle's ability to accomplish their everyday tasks with ease—as well as deliver them and their passengers confidently to their next great adventure.

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What's New

- The 2017 model year marks the beginning of the all-new, fifth-generation CR-V.

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Major Feature Highlights + Available Trims

CR-V LX

Engineering

- 2.4-liter, i-VTEC® 4-cylinder direct-injection engine
- 184 horsepower @ 6400 rpm (SAE net)
- 180 lb-ft of torque @ 3900 rpm (SAE net)
- Continuously variable transmission (CVT)

Comfort and Convenience

- Automatic climate control system
- Center console with armrest and rear-seat climate-control vents
- *Bluetooth*® HandsFreeLink®[6]

- Available Real Time AWD with Intelligent Control System™
- Drive-by-Wire throttle system
- Active Noise Cancellation™ (ANC)
- Eco Assist™ system
- Electric parking brake with automatic brake hold
- Hill start assist
- LEV3-ULEV70 CARB emissions rating[1]
- MacPherson strut front suspension
- Multi-link rear suspension
- Front and rear stabilizer bars
- Variable Ratio Electric Power-Assisted Rack-and-Pinion Steering (EPS)
- Active shutter grille
- 100K +/- Miles No Scheduled Tune-Ups[2]
- 17" alloy wheels
- P235/65 R17 all-season tires

Safety

- Advanced Compatibility Engineering™ (ACE™) body structure
- SmartVent® front side airbags
- Multi-angle rearview camera with guidelines[3]
- Advanced front airbag system (i-SRS)
- Side curtain airbags with rollover sensor
- Vehicle Stability Assist™ (VSA®) with traction control[4]
- Anti-lock braking system (ABS)
- Electronic Brake Distribution (EBD)
- Brake Assist
- 4-wheel disc brakes
- 160-watt audio system with 4 speakers
- *Bluetooth*®[6] streaming audio
- Pandora® compatibility[7]
- USB Audio Interface[8]
- Speed-Sensitive Volume Control (SVC)
- Cruise control
- Illuminated steering wheel-mounted controls
- Power windows with auto-up/down driver's window
- Power door and tailgate locks with remote entry
- Folding power side mirrors
- Multi-reflector halogen headlights with auto-off
- 2-speed/intermittent windshield wipers
- Intermittent rear window wiper/washer
- Tilt and telescopic steering column
- Driver's and front passenger's vanity mirrors
- Conversation mirror with sunglasses holder
- Beverage holders (front and rear)
- 12-volt power outlets (front and center console)
- Map lights
- Rear-seat center armrest
- Remote fuel-filler-door release
- Rear window defroster
- Rear-seat heater ducts
- Floor mats
- Cargo area light
- Reclining front bucket seats with adjustable head restraints
- Driver's seat with 6-way manual adjustment
- Easy fold-down 60/40 split rear seat
- Multi-Information Display (MID)

- Tire Pressure Monitoring System (TPMS)[5]
- LED Daytime Running Lights (DRL)
- 3-point seat belts at all seating positions
- Lower Anchors and Tethers for CHildren (LATCH)

CR-V EX

Adds to or upgrades LX Features:

- 1.5-liter, turbocharged and intercooled DOHC 4-cylinder engine with direct injection
  - 190 horsepower @ 5600 rpm (SAE net)
  - 179 lb-ft of torque @ 2000-5000 rpm (SAE net)
- Remote engine start
- Dual-zone automatic climate control system
- Smart Entry and push button start
- 12-way power driver's seat including 4-way power lumbar support
- Heated front seats
- 7" Display Audio with high-resolution WVGA (800x480) electrostatic touch-screen and customizable feature settings
- HondaLink®[9]
- Apple CarPlay™[10] / Android Auto™[11]
- Short message service (SMS) text message function[12]
- One-touch power moonroof with tilt feature
- Security system
- Fog lights
- Heated body-colored side mirrors with integrated turn indicators

- Auto-on/off headlights
- Variable intermittent windshield wipers
- Body-colored door handles
- 180-watt audio system with 6 speakers
- SiriusXM® Radio[13]
- Additional USB Audio Interface[8]
- Two 2nd-row USB ports (high-speed charging only)
- Rear privacy glass
- Front passenger's seatback pocket
- Retractable cargo area cover
- Illuminated vanity mirrors
- Driver attention monitor
- Auto high-beam headlights
- Blind spot information system (BSI)[14] with cross-traffic monitor
- Collision Mitigation Braking System™ (CMBS™)[15]
- Adaptive Cruise Control with low-speed follow[16]
- Forward Collision Warning (FCW)[17]
- Lane Departure Warning (LDW)[18]
- Lane Keeping Assist System (LKAS)[19]
- Road Departure Mitigation System (RDM)[20]
- 18" alloy wheels
- P235/60R18 all-season tires

CR-V EX-L

Adds to or upgrades EX Features:

- Automatic-dimming rearview mirror
- Leather-wrapped steering wheel and shift knob
- Leather-trimmed seats

- Driver's seat with 2-position memory
- 4-way power front passenger seat
- HomeLink® remote system[21]
- 180-watt audio system with 8 speakers
- Power tailgate with programmable height

CR-V EX-L with Navigation

Adds to EX-L Features:

- HD Radio™[22]
- Honda Satellite-Linked Navigation System™[23] with voice recognition and Honda HD Digital Traffic

CR-V Touring

Adds to or upgrades EX-L with Navigation features:

- 330-watt premium audio system with 9 speakers, including subwoofer
- Blue ambient interior lighting
- Roof rails
- Rain-sensing windshield wipers
- LED headlights
- Hands-free access power tailgate with programmable height
- Dual chrome exhaust outlets
- Exclusive 18" alloy wheels

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

Download a 2017 CR-V eBrochure.

CR-V Model Lineup

Model, Trim	Model Code
2WD LX	**RW5H3HEW**
2WD EX	**RW1H5HJW**
2WD EX-L	**RW1H8HJNW**
2WD EX-L Navi	**RW1H8HKNW**
2WD Touring	**RW1H9HKNW**
AWD LX	**RW6H3HEW**
AWD EX	**RW2H5HJW**
AWD EX-L	**RW2H8HJNW**
AWD EX-L Navi	**RW2H8HKNW**
AWD Touring	**RW2H9HKNW**

Color and Trim Guide

Exterior Colors	Interior Colors			
	LX	EX	EX-L/EX-L Navi	Touring
Basque Red Pearl II	Gray Fabric	Gray Fabric	Gray Leather	Gray Leather
Crystal Black Pearl	Black Fabric	Black Fabric Ivory Fabric	Black Leather Ivory Leather	Black Leather Ivory Leather
Dark Olive Metallic		Black Fabric	Black Leather	Black Leather
Gunmetal Metallic		Gray Fabric	Gray Leather	Gray Leather
Lunar Silver Metallic	Gray Fabric	Black Fabric Gray Fabric	Black Leather Gray Leather	Black Leather Gray Leather
Modern Steel Metallic	Gray Fabric	Gray Fabric	Gray Leather	Gray Leather
Molten Lava Pearl		Ivory Fabric	Ivory Leather	Ivory Leather

Obsidian Blue Pearl	**Gray Fabric**	**Gray Fabric**	**Gray Leather**	**Gray Leather**
Sandstorm Metallic		**Ivory Fabric**	**Ivory Leather**	**Ivory Leather**
White Diamond Pearl	**Ivory Fabric**	**Black Fabric** **Ivory Fabric**	**Black Leather** **Ivory Leather**	**Black Leather** **Ivory Leather**

Accolades, Honors & Ratings

[[ACCOLADES]]

CR-V Key Selling Points

Modern Style The new CR-V presents a unique look on the road.

- It gives off an unmistakable impression of confident capability.
- At the same time, its sleek lines and smooth contours speak of its sophistication—and its ability to slip through the air with minimal turbulence, enhancing both efficiency and quietness.
- It's a design that will assuredly stand the test of time.

Advanced Technology The 2017 CR-V is packed with innovative thinking.

- Each model comes with a USB Audio Interface[8], Pandora® compatibility[7], *Bluetooth*® HandsFreeLink®[6] that features wireless streaming audio capability and steering wheel-mounted controls.
- And CR-V EX and above trims bring your customers' online world along for the ride, thanks to the exceptional connectivity of the latest Display Audio system and HondaLink™[9].

- EX and above models provide Apple CarPlay™ and Android Auto™ integration for super-easy access, SMS text message function[12] for select phones, and additional USB ports to help keep devices charged up and ready to go.

Performance Every dimension of driving dynamics has been reimagined in the 2017 CR-V.

- Every CR-V trim is available with a highly advanced Real Time AWD with Intelligent Control System™.
- All models feature hill start assist.
- The CR-V LX's EarthDreams® Technology 2.4-liter engine and CVT contribute to strong acceleration and excellent fuel efficiency.[24]
- EX and above models now raise the responsiveness bar even higher with a 1.5-liter, 190-hp turbocharged and intercooled powerplant.
- And the new CR-V's highly refined suspension and steering systems deliver both highly engaging precision in cornering with a luxuriously quiet and compliant ride quality.

Comfort and Convenience Yet another area where CR-V redefines the category is the exemplary quality and feel of the interior.

- CR-V's redesigned front seats, which feature a new 4-way power lumbar support system on EX and above, provide an unparalleled level of comfort.
- The CR-V has ergonomically optimized the roomy cabin with ideally situated controls and displays that make everything easy, intuitive and comfortable for the driver.
- Little touches like inner door handles that unlock the front doors with a single pull, a one-touch lever that drops and folds the rear seat, and additional storage space add to the CR-V's convenience and utility.
- The available Smart Entry system with push button start, power tailgate—with hands-free access on Touring trims—and HomeLink®[21] make for exceptional convenience.
- And the Lane Keeping Assist System (LKAS)[19], Adaptive Cruise Control (ACC)[16] with low-speed follow, Blind Spot Information System (BSI)[14] with cross-traffic monitor and auto high-beam headlights that come standard on EX and above trims help make for a more relaxing driving experience.

Safety Every CR-V is loaded with safety features.

- They include the latest-generation ACE™ body structure, Vehicle Stability Assist™ (VSA®)[4] with traction control, a multi-angle rearview camera[3] and front, front side and side curtain airbags.
- In addition, the CR-V's overall framework offers strong protection in case of rollover.
- And CR-V EX and above trims come standard with the highly advanced technology of Forward Collision Warning (FCW)[17], the Collision Mitigation Braking System™ (CMBS™)[15], Lane Departure Warning (LDW)[18] and the Road Departure Mitigation System (RDM)[20].

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Personalized Settings Worksheet

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

Click here to download

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1. LEV3-SULEV70 (Super-Ultra-Low-Emission Vehicle) model as certified by the California Air Resources Board (CARB).
2. Does not apply to fluid and filter changes. Will vary with driving conditions. Please see the owner's manual for details.
3. Always visually confirm that it is safe to drive before backing up; the rearview camera display does not provide complete information about all conditions and objects at the rear of your vehicle.
4. 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.
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. 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.
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.
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. Check the HondaLink® website for smartphone compatibility and access to the Display Audio interface.
10. Apple CarPlay is a trademark of Apple Inc.
11. Android and Android Auto are trademarks of Google Inc.
12. 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. The word "Bluetooth" is to be italicized in all body copy
13. SiriusXM services require a subscription after any trial period. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call SiriusXM at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at www.siriusxm.com. 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.
14. The system is not a substitute for your own visual assessment before changing lanes. BSI may not detect all objects behind or to the side of a vehicle and may not detect a given object; system accuracy will vary based on weather, size of object, and speed. Driver remains responsible for safely operating vehicle and avoiding collisions.
15. 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.
16. 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.
17. 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.
18. 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.
19. LKAS only alerts drivers when lane drift is detected without a turn signal in use. 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.
20. 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.
21. HomeLink is a registered trademark of Gentex Corporation.
22. HD Radio™ is a proprietary trademark of iBiquity Digital Corporation.
23. The Honda Satellite-Linked Navigation System™ is available on EX-L models and standard on Touring models 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.
24. 26 city/32 highway/28 combined mpg rating for 2WD LX models. 25 city/31 highway/27 combined mpg rating for AWD LX models. 28 city/34 highway/30 combined mpg rating for 2WD EX and above models. 27 city/33 highway/29 combined mpg rating for AWD EX and above models. Based on 2017 EPA mileage ratings. Use for comparison purposes only. Your mileage will vary depending on how you drive and maintain your vehicle, driving conditions and other factors.

MARKET POSITION & DEMOGRAPHICS

Market Position

Just about every manufacturer is trying to ride the wave of success created by the demand for smaller, more fuel-efficient CUVs. But there's a reason the Honda CR-V has maintained its position at the top of the heap for years.

- It offers smart design, premium features as standard equipment and plenty of storage space in an easy-to-maneuver package.
- The all-new 2017 edition has been designed to extend its lead on its competitors.
- Every trim is packed with highly desirable content.
- EX and above models now come standard with the Honda Sensing™ suite of safety and driver-assistive technologies.
- And the Touring trim gives buyers at the high end of the market an exceptionally well-equipped choice.
- The fact that it's nimble and handles without a hint of being "truck-like" gives it a unique place in the market that it helped establish over the years.
- As its owners say without reservation, it's a vehicle that checks all the boxes.

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CR-V Buyers

The CR-V is as close to being a perfect vehicle for everyone as it gets.

- It's ideal for singles passionate about life, who want a modern, premium-feature-packed vehicle that can do everything well.
- It's perfect for:
  - Families who need big-SUV utility in a small package
  - Young couples just starting out, who won't need to upgrade to a bigger car when they start a family
  - And for active empty nesters that want a comfortable, safety-minded vehicle that will be dependable and fun.

- To sum it up, it's about functionality and being fun to drive with a premium feel.
- Add excellent fuel efficiency[1] and dependability, and it's not a question of who will want to buy the CR-V, but rather who wouldn't.

CR-V Buyer Demographic at a Glance

CR-V	Primary & Secondary Target Customer
Age	**Gen X/Y (25-40) — Baby Boomers (35-54)**
Household income (HHI)	**$85,000**
College graduate	**69%**
Female/Male	**50%/50%**
Married	**70%**

1. 26 city/32 highway/28 combined mpg rating for 2WD LX models. 25 city/31 highway/27 combined mpg rating for AWD LX models. 28 city/34 highway/30 combined mpg rating for 2WD EX and above models. 27 city/33 highway/29 combined mpg rating for AWD EX and above models. Based on 2017 EPA mileage ratings. Use for comparison purposes only. Your mileage will vary depending on how you drive and maintain your vehicle, driving conditions and other factors.

EXTERIOR

Modern, Aerodynamic Design and Styling

The all-new 2017 CR-V presents a look that's both rugged and sophisticated—and slices through the air with minimal drag.

- The new grille and lower front fascia design combine to give the CR-V a purposeful look.
- A new auto-shutter grille system—the first on any Honda—closes to enhance aerodynamics; it opens automatically when underhood systems need more cooling air.
- LED Daytime Running Lights (DRL) provide a decidedly high-tech look on all trims.
- The Touring model takes that direction even farther with LED headlights.
- The upper body has smooth lines and offers another step forward in supremely efficient aerodynamics.

- The lower body displays a rugged confidence that says it can take whatever you throw at it.
- And in back, the eye-catching taillight treatment combines with striking design elements to create a strong, bold appearance.

Folding Power Side Mirrors

Standard on all CR-V models, power side mirrors allow the driver to adjust the position of the side mirrors from inside the vehicle; they can also be manually folded flat, if desired.

- Side mirrors on EX and above models are body-colored, and they're heated for all-weather driving convenience.
- EX and above models also feature integrated turn indicators for enhanced visibility.
- In an effort to reduce wind noise, the mirrors are designed to be aerodynamic.

One-Touch Open/Close Power Moonroof (EX and above)

The power moonroof with tilt feature is standard on CR-V EX and above trims.

- It includes eliminating the need to continually hold the switch.
- The moonroof includes an auto-reverse feature, which will reverse direction if it detects resistance to closing.
- A manually operated sliding sunshade is provided for especially bright or hot days.

SALES TIP: While standard on most CR-V models, let customers know that most competitors offer a moonroof as an expensive option.

Wheels and Tires

Every 2017 CR-V comes standard with alloy wheels.

- CR-V LX models come equipped with 17-inch alloy wheels.
- The CR-V EX, EX-L and EX-L Navi models present an upscale profile with striking alloy wheels measuring 18 inches.
- And the Touring model presents exclusive 18-inch alloys with a strong, leading-edge look.
- All models benefit from the sure grip and ride comfort of all-season tires.

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Power Door and Tailgate Locks with Remote Entry (LX)

The standard remote entry system allows the driver to unlock the doors and tailgate with the push of a button, using a wave key with integrated controls. The remote has a range of up to 50 feet and includes a panic button that sounds the horn when pressed.

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Smart Entry and Push Button Start (EX and above)

FEATURE: CR-V EX and above models use a Smart Entry system with push button start.

- The Smart Entry system allows the driver to:
  - Walk up to the vehicle, touch the door handle and open the door
  - Start the engine and shut it off at the end of the trip
  - Get out and touch the LOCK sensor on the door handle to secure the car—all without ever touching a key
- Likewise, the driver can open the tailgate with just a touch of the release button located above the license plate—it only requires that the driver possess the key fob.
- And the Walk-Away Auto-Lock feature, when enabled, can even eliminate the step of touching the LOCK sensor on the door handle.
- To enable Walk-Away Auto-Lock from the Display Audio home screen, touch Settings, next Vehicle and then Door/Window Setup; select Walk Away Auto Lock, and then choose ON.

Important Note: The door-handle LOCK button on previous models has been changed to a sensor on the

2017 CR-V. To activate it, users must touch the ridged area on top of the door handle.

BENEFIT: The Smart Entry system makes it exceptionally easy and convenient to unlock, drive and relock the CR-V.

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Remote Engine Start (EX and above)

Imagine being able to start your CR-V before you get in, so it'll already be cooled off inside on a hot day—or warmed up and defrosted on a cold one.

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

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Lightweight Tailgate with Intermittent Rear Window Wiper/Washer

The CR-V tailgate is easy to open, thanks to its lightweight design.

- At its open position, the tailgate provides shelter from the elements when loading the vehicle with groceries or luggage, for example.
- Also located on the tailgate is the standard intermittent rear window wiper/washer, which comes in handy when driving in poor weather.
- It can also be used to help clear away built-up dirt or dust.

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Power Tailgate (EX-L and above)

FEATURE: CR-V EX-L, EX-L Navi and Touring models include a power tailgate.

- It can be operated remotely with the key fob from up to 50 feet away, or by pushing a button from the driver's seat.
- An electric motor will raise and lower the tailgate.
- This feature is especially convenient when the owner is carrying items back to the vehicle and may not have a hand free to open the tailgate, and would prefer not to place items on the pavement.
- When closing, small-statured customers will not have to worry about reaching for the handle, and older customers need not worry about flexibility or strength.
- The driver can also close the tailgate using the button to the left of the steering column or a button on the tailgate itself.
- The new stop-and-hold function allows you to push the tailgate switch while it's opening so the tailgate will stop immediately—such as to avoid hitting a wall behind the vehicle.
- Also new is the programmable-height function, designed to limit how high the the tailgate opens with every use. Here's how it works:
    - With the tailgate open, simply pull the tailgate down to the desired height; it will hold its position.
    - Then push and hold the tailgate switch until it beeps twice; now the new opening height has been programmed.

BENEFIT: The power tailgate feature provides convenient operation for a diverse group of CR-V buyers. And its new stop-and-hold and programmable-height features allow a new level of customization.

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Hands-Free Access Power Tailgate (Touring)

- Owners who want to open the tailgate while their hands are full don't even have to press a button.
- The hands-free access sensor is positioned in the middle of the vehicle—although an accessory is available to move the sensor a few inches to the right if a trailer hitch is installed.
- **Important Note:** The correct foot motion is to

kick directly up toward the sensor and then quickly back down again; a side-to-side waggle, for instance, won't trigger the sensor to open the tailgate.

BENEFIT: The CR-V Touring's hands-free access feature provides a new, higher level of convenience when loading cargo.

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Minimal Noise, Vibration and Harshness

Extensive measures have been employed throughout the 2017 CR-V to provide a quiet and pleasant ride.

- Active Noise Cancellation™ (ANC) is now on the CR-V; it uses the audio-system speakers to generate "anti-noise" sound waves that cancel unwanted noise.
- A new, "floating" rear-suspension subframe design helps prevent noise and vibration from entering the cabin.
- Urethane foam is applied inside the pillars to fill gaps and other open areas.
- Highly effective door seals and sound insulation in the floor, doors and side panels provide excellent sound control.
- Even the roof is lined with material that absorbs noise and controls vibration.
- Both the hood and instrument panel are also insulated to help reduce engine noise.
- All of these refinements help ensure that the cabin of the CR-V remains quiet.

BENEFIT: The CR-V is at the top of its class in providing a quiet, comfortable ride.

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Capless Fuel Filler


Pre-production model shown

CR-V is equipped with a capless fuel filler.

- This capless system enables drivers to release the door and immediately insert the fuel nozzle—no need to remove a cap or worry about dropping it against the side of the vehicle.
- After refueling and withdrawing the nozzle, just snap the filler door closed and you're on your way.

Important Note: When refueling with anything other than a standard filling-station nozzle, a special funnel must be used to avoid damaging the fuel system. The funnel, supplied with each vehicle, is located in the

spare-tire well beneath the cargo floor.

Rain-Sensing Windshield Wipers (Touring)

The CR-V Touring trims feature rain-sensing windshield wipers.

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

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

LED Headlights with Auto-On/Off (Touring)

The CR-V Touring trims feature light-emitting diode (LED) headlights.

- Used in both the low and high beams, the LED headlights provide better light distribution for improved visibility and enhanced nighttime driving, while consuming only one-half the electrical energy of conventional halogen headlights.
- The LED array also has a highly technical appearance that sets the Touring models apart.

Auto High-Beam Headlights (EX and above)

Although not included under the Honda Sensing™ banner, auto high-beam headlights offer a high degree of convenience on CR-V models equipped with Honda Sensing.

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

INTERIOR

Modern Cabin Environment

The sweeping exterior styling upgrades to the 2017 CR-V are complemented by equally striking new interior design.

- The CR-V cabin presents a remarkably upscale ambience, with highly sophisticated accents throughout.
- The large greenhouse gives it an open, airy feel.
- All-new seating provides significantly enhanced comfort, even for the longest trips.
- The materials adorning the various interior surfaces give this CR-V a feeling of quality unparalleled in the category.
- Occupants will enjoy ample content designed to help ensure their convenience and contentment.
- This vehicle offers the benefits of an extensive list of advanced-technology features.
- Plus, the CR-V's well-established reputation for enabling an active, on-the-go lifestyle is further burnished by this latest generation.
- In terms of both capacity and cleverness, this Honda sets a whole new standard for versatility and functionality.

Front Seating

The 2017 CR-V raises the comfort level with an exceptional new front-seat design.

- Cushions and bolsters provide just the right amount of support.
- On LX and EX models, the seating material is a high-quality fabric that's both durable and soft to the touch.
- EX-L, EX-L Navi and Touring seats are trimmed in attractive, high-grade leather.
- CR-V EX and above models provide a 12-way power driver's seat, including the first Honda appearance of 4-way power lumbar-support adjustment.
- This design will enable an even wider range of body types and sizes to enjoy luxurious comfort.
- Plus, the front-seat heaters on EX and above trims have been engineered to achieve maximum warmth almost twice as quickly as the previous generation.

- -

Easy Fold-Down 60/40 Split Rear Seat

FEATURE: The CR-V's designers went the extra mile to ensure extremely easy-to-use versatility.

- Each side of the 60/40 split rear seat folds completely flat with just a single pull of the cargo-area release lever.
- The seatbacks can also be folded from the side doors using releases atop the outboard edge of each seatback.
- There's no longer a need to fold the head restraints down or rotate the lower seat cushions forward.
- And while the seatbacks are up, the recline angle can be adjusted to suit the passenger's desires.

> ***BENEFIT:*** The 60/40 split rear-seat configuration makes it easy to carry extra-long cargo without sacrificing passenger comfort.

- -

FEATURE: The CR-V's console has been designed for exceptional versatility, usability and comfort.

- In addition to a 12-volt power outlet and a tray for smaller items up front, it offers a clever dual beverage holder that can accommodate a wide variety of containers.
- The padded armrest can slide to the most comfortable position and flip up for easy access to the storage space.
- Atop the storage compartment sits a sliding tray that can hold a good-sized smartphone.

Center Storage Console

- Moving the tray back reveals a well-proportioned bin as well as another 12-volt outlet and 1.0-amp USB port; EX and above trims also feature a 1.5-amp USB Audio Interface (labeled with a smartphone icon) to accommodate Apple CarPlay™[1] and Android Auto™[2]
- To store a sizable handbag in the compartment, the tray can be removed and placed at the back of the bin.
- And note that EX and above trims provide a pair of 2.5-amp USB ports on the back of the console, affording rear-seat passengers the opportunity of charging their portable devices.

BENEFIT: The CR-V's center console provides owners with extraordinary versatility for keeping important items close at hand.

- -

Driver Information Interface (EX and above)

FEATURE: Standard on most CR-V models and positioned in the middle of the instrument cluster, the Driver Information Interface shows data with crystal-clear graphics.

- In addition to fuel-economy and exterior-temperature information, the interface displays Apple CarPlay™[1] and Android Auto™[2] data as well as *Bluetooth*®[3] HandsFreeLink® information
- It includes the SMS text message/email function[4] for compatible smartphones.
- This is where the new Driver Attention Monitor appears as well.
- Navigation-equipped models include a screen for turn-by-turn directions.
- The steering wheel-mounted controls are used to select the desired screens and navigate within the various functions.

BENEFIT: The Driver Information Interface is a versatile readout that tracks and informs the driver of numerous important systems, with minimal eye movement from the road.

Driver Attention Monitor (EX and above)

The CR-V is the first Honda to come with a Driver Attention Monitor.

- This feature uses an angle sensor to measure the degree of steering-wheel corrections by the driver to maintain a proper lane position.
- If it senses too much correction activity, it will notify the driver to take a break.
- If normal attention levels are detected, the monitor will display three or four bars in the driver-selectable Driver Attention Monitor screen in the Driver Information Interface.
- If the system detects an inadequate level of attention, the system will override any of the other selected screens, and display either one or two bars and a message advising the driver to take a break.
- If the detected level of attention worsens, the system will display a heightened visual warning as well as an audio alert, and will vibrate the steering wheel to further warn the driver to take action.
- The Driver Attention Monitor is always on in the background; the warnings can be customized via the Settings menu available from the Display Audio home screen:
  - Touch SETTINGS, then VEHICLE.
  - Select DRIVER ASSIST SYSTEM SETUP, and then touch DRIVER ATTENTION MONITOR.
  - Choose either TACTILE AND AUDIBLE ALERT; TACTILE ALERT; or OFF to disable those alerts entirely.

High-Capacity Air-Conditioning, Ventilation and Heating System with Filtration

FEATURE: Every CR-V features a high-capacity air-conditioning system with air filtration.

- Ventilation outlets are strategically placed throughout the interior to help keep all passengers comfortable.
- Vents in the rear of the center console benefit rear-seat passengers.
- Although the system has the ability to quickly heat up or cool down the cabin, it’s amazingly quiet.
- Incoming air for the heating and cooling system passes through a replaceable air filter that can remove particulate matter, such as pollen or dust as small as eight microns (about 10 times smaller than a human hair).

BENEFIT: The air-filtration system may be of interest to allergy sufferers.

- -

Automatic Climate Control

Every 2017 CR-V comes with automatic climate control.

- The system in LX trims is designed to maintain a driver-selected temperature level throughout cabin, regardless of conditions outside the vehicle.
- CR-V EX and above models feature 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 each set a different temperature for their side of the cabin.
- On EX-L Navi and Touring models, the dual-zone climate control system uses global positioning system (GPS) technology to monitor the vehicle position relative to the sun; it then can make necessary adjustments to ensure that selected interior temperatures remain stable in the respective zones.

- -

Power Windows with Auto-Up/Down Driver's Window

All CR-V models feature power windows with a one-touch auto-up/down driver's window. Individual power-window controls are located in all passenger-door armrests.

- -

Display Audio with HondaLink® plus Apple CarPlay™ and Android Auto (EX and above)

Pre-Production model shown for display purposes

FEATURE: Select CR-V trims feature Display Audio with a 7-inch electrostatic touch-screen.

- It is the gateway to many audio sources, vehicle settings, Apple CarPlay™[1], Android Auto™[2] and HondaLink®[5] features—and, if equipped, the Garmin-based Honda Satellite-Linked Navigation System™[6].

- To take advantage of all the available features requires a connection between the system and the user's smartphone via *Bluetooth*®[3] HandsFreeLink® and a USB cable plugged into the USB Audio Interface[7] labeled with the smartphone icon in the console storage compartment.
- After pairing a compatible iPhone[8] or Android™[9] phone to the Display Audio, the phone's features populate on the touch-screen—so there's no need to ever touch the phone while driving.
- Control phone features—including music and messaging—without touching the phone by using Siri® or Google Voice.
- It makes using the phone easier while also reducing the potential for driver distraction.
- Android Auto™[2] and Apple CarPlay™[1] are also compatible with a number of 3rd-party smartphone apps like iHeart Radio.
- When downloaded to the user's Android or iPhone, their icons will appear on the touch-screen and can be controlled by voice commands.
- Compatible phones include iPhone 5 and newer, and most Android phones with Lollipop or newer operating system (OS).

The HondaLink®[5] smartphone app suite of features includes service-appointment scheduling at Honda dealerships, location searches, weather information, service messages from Honda and much more.

- These features and services become available after downloading the HondaLink®[5] app from the App Store or Google Play, then pairing the user's smartphone to their vehicle.
- Access HondaLink®[5] features in-car through the Display Audio or from anywhere else using the HondaLink®[5] smartphone app (cell signal required).

Display Audio with the Honda Satellite-Linked Navigation System™[6], available or standard on select trims, 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, and swiping to scroll.

See the Owner's Manual for more information on Display Audio.

- -

Advanced Audio Systems

For many people attracted to the CR-V, music is a very important consideration.

- That's why a USB Audio Interface[7] for personal music players and devices comes standard on all models.
- All CR-V models feature Speed-Sensitive Volume Control (SVC): As the car speeds up and exterior noise increases, the audio system automatically raises the music's volume, and then lowers it as the car slows down; if so desired, this feature can be deactivated at any time.

- The LX is equipped with a 160-watt AM/FM audio system with four speakers.
- EX models feature a 180-watt amp and six speakers.
- CR-V EX-L and EX-L Navi trims add another pair of tweeters to the EX setup.
- And the Touring trim can thunder down the road with 330 watts of power, along with nine speakers including a subwoofer.
- All feature Pandora® compatibility[10] for select smartphones and wireless music streaming via *Bluetooth*® streaming audio for smartphones and other devices that use *Bluetooth*® technology.
- LX drivers can view all audio menus and functions on a 5-inch color LCD monitor, while EX and above models feature the 7-inch Display Audio screen.
- Scroll through radio stations, iPod®[11] menus and even view album artwork.
- There are two ways to control the audio functions on LX trims: through the steering wheel-mounted controls and the audio control panel in the center console.
- For EX and above models, audio information can be viewed and controlled on the Display Audio touch-screen; it makes volume adjustment easy and convenient with a volume knob.
- And navigation models enable audio-system control by using voice-recognition commands via a button on the steering wheel.

CR–V Audio and Connectivity Specs

	LX	EX	EX-L/EX-L Navi	Touring
Watts	**160**	**180**	**180**	**330**
Speakers	**4**	**6**	**8**	**9, including subwoofer**
Pandora®[10] Compatability	●	●	●	●
SMS Text Message Function[4]		●	●	●
SiriusXM Radio[12]		●	●	●
HD Radio™[13]			**EX-L Navi**	●
***Bluetooth*®[3] HandsFreeLink**	●	●	●	●
***Bluetooth*®[3] Streaming Audio**	●	●	●	●
USB Audio Interface[7]	**1**	**2**	**2**	**2**
Radio Data System (RDS)	●	●	●	●

Speed-Sensitive Volume Control	•	•	•	•

Steering Wheel Controls

FEATURE: All models feature steering wheel-mounted buttons for operating the cruise control, audio controls and *Bluetooth*®[3] HandsFreeLink®, plus buttons for accessing and customizing the DII display and the Display Audio.

BENEFIT: **Having the controls at the driver's fingertips helps reduce distraction and keeps the driver's eyes on the road.**

Pandora® Compatibility

Pandora[10] 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 CR-V's *Bluetooth*®[3] feature, users can listen to Pandora's customizable music stations.
- On the CR-V, this feature works with select smartphones.

Short Message Service (SMS) Text Message Function (EX and above)

FEATURE: The SMS text message function[4] 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.
- Find which current phones are compatible with this feature at handsfreelink.honda.com.

BENEFIT: **The SMS text message function[4] allows drivers to stay connected to friends and associates via their personal smartphone and have text messages read aloud to them while driving.**

Adaptive Cruise Control (ACC) with Low-Speed Follow (EX and above)

FEATURE: As with a conventional cruise-control system, Adaptive Cruise Control (ACC)[14] 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 on the highway ahead.

Civic shown for demonstration purposes only.

- While driving, 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 CR-V automatically.
- To resume operation, the driver just needs to push the cruise-control toggle switch toward RES/+ or press the accelerator, and the CR-V will resume moving up to the ACC system's prior set speed.

BENEFIT: **Adaptive Cruise Control (ACC) simplifies driving and helps reduce driver fatigue by automatically controlling the interval to the vehicle detected ahead. And the low-speed follow feature helps make it easier to drive in stop-and-go traffic on the highway.**

- -

Lane Keeping Assist System (LKAS) (Touring)

FEATURE: The Lane Keeping Assist System (LKAS)[15] is designed to help keep a vehicle centered in a detected lane, applying mild steering torque if it determines the vehicle is drifting toward the side of the lane.

**MY16 CR-V shown for demonstration purposes only*

- 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 works at speeds between 45 mph 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 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 of the vehicle.
- Control of the vehicle remains the driver's responsibility; drivers should always keep their hands on the wheel and eyes on the road.

BENEFIT: **LKAS[15] helps the engaged driver stay centered in a detected lane, providing a more confident driving experience on narrow roadways.**

- -

Blind Spot Information (BSI) System (EX and above)

FEATURE: Most CR-V trims include an innovative and useful blind spot information (BSI)[16] system.

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

BENEFIT: **BSI helps give the driver additional information about conditions around the vehicle to enhance driving confidence. BSI is on by default and does not need to be activated like Honda LaneWatch[17]. Unlike Honda LaneWatch, BSI warns the driver of detected vehicles approaching on both the driver's and passenger's sides of the vehicle.**

- -

Cross Traffic Monitor (EX and above)

FEATURE: CR-V EX and above trims feature a Cross Traffic Monitor.[18]

- It's designed to detect vehicles approaching from the side and alert the driver when the CR-V is backing out of a parking space or driveway.
- The system is designed to detect approaching vehicles when they're within about 82 feet of the CR-V.

**MY16 Pilot shown for demonstration purposes only*

- An audible alert will sound, and—with the multi-angle rearview camera in either Normal, Wide or Top Down mode—visual indicators will appear in the rearview-camera display showing the direction from which the detected vehicle is approaching.

BENEFIT: **The Cross Traffic Monitor helps provide additional awareness for the driver when backing up.**

- -

Programmable Auto-Locking Doors

All CR-V models are pre-programmed to automatically lock all doors and the tailgate when the vehicle reaches about 10 mph, and unlock the driver's door when the vehicle is shifted back into Park.

- The system can be programmed to lock or unlock the doors in a variety of ways, or it can be deactivated if so desired.
- Drivers, especially those with children, will appreciate the convenience of the auto-lock feature.
- Please refer to the owner's manual for more information.

- -

Cargo Area

FEATURE: Thanks to the easy fold-down 60/40 split rear seat detailed above, as well as the wide, flat cargo floor and large tailgate opening, the CR-V is an excellent cargo hauler.

- The cargo floor can be set to two positions:
  - In the lower position, the space from floor to ceiling is maximized for extra-bulky cargo.

- In the upper position, it creates a perfectly flat surface when the rear seatbacks are folded—for extra-easy cargo loading and unloading.

- The cargo compartment also includes four tie-down anchors to secure larger items in place.[19]

BENEFIT: **The CR-V offers plenty of room and great convenience for carrying groceries, recreation equipment and other cargo.**

- -

1. Apple CarPlay is a trademark of Apple Inc.
2. Android and Android Auto are trademarks of Google Inc.
3. 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.
4. Drive responsibly. Some state laws prohibit the operation of handheld electronic devices while operating a 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.
5. Check the HondaLink® website for smart phone compatibility and access to the Display Audio interface.
6. The Honda Satellite-Linked Navigation System™ is available on EX-L and standard on Touring models in the United States, Canada and Puerto Rico. (FM Traffic service only available in the United States, except Alaska.) Please see the navigation system manual for details.
7. The USB Audio Interface is used for direct connection to and control of some current digital audio players and other USB devices that contain MP3, WMA or AAC music files. Some USB devices with security software and digital rights-protected files may not work. Please see the owner's manual for details.
8. iPhone® is a registered trademark of Apple Inc.
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13. HD Radio™ is a proprietary trademark of iBiquity Digital Corp.
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. LKAS only alerts drivers when lane drift is detected without a turn signal in use. 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.
16. The system is not a substitute for your own visual assessment before changing lanes. BSI may not detect all objects behind or to the side of a vehicle and may not detect a given object; system accuracy will vary based on weather, size of object, and speed. Driver remains responsible for safely operating vehicle and avoiding collisions.
17. 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.
18. Always visually confirm that it is safe to drive before backing up, as the rearview camera and cross traffic monitor may not provide complete information about conditions at the rear of your vehicle. Monitor cannot detect all objects behind or to the side of a vehicle and may not detect a given object; system accuracy will vary based on weather, size of object, and speed. Driver remains responsible for safely operating vehicle and avoiding collisions.
19. Carrying too much cargo or improperly storing it can affect the handling, stability and operation of this vehicle. Follow applicable load limits and loading guidelines.

EPA MILEAGE RATINGS

2017 CR-V

EPA MILEAGE RATINGS[1]/FUEL	LX	EX/EX-L/Touring
Continuously Variable Transmission (CVT)	**26 / 32 / 28**	**28 / 34 / 30**

(2WD; City/Highway/Combined)		
Continuously Variable Transmission (CVT) (AWD; City/Highway/Combined)	**25 / 31 / 27**	**27 / 33 / 29**
Fuel (gal)	**14.0**	**14.0**
Required Fuel	**Regular Unleaded**	**Regular Unleaded**

1. 26 city/32 highway/28 combined mpg rating for 2WD LX models. 25 city/31 highway/27 combined mpg rating for AWD LX models. 28 city/34 highway/30 combined mpg rating for 2WD EX and above models. 27 city/33 highway/29 combined mpg rating for AWD EX and above models. Based on 2017 EPA mileage ratings. Use for comparison purposes only. Your actual will vary depending on how you drive and maintain your vehicle, driving conditions and other factors.

ENGINEERING

2.4-Liter, i-VTEC® 4-Cylinder Engine with Direct Injection (LX)

The CR-V LX's 2.4-liter 4-cylinder engine incorporates direct injection (DI).

- Thanks to DI and numerous other clever elements, this engine produces ample torque—180 lb-ft at 3900 rpm (SAE net).
- Peak horsepower is rated at 184, occurring at 6400 rpm (SAE net).
- Included under Honda's EarthDreams® Technology banner, this powerplant satisfies the triple goals of power output, fuel efficiency[1]

Direct Injection

FEATURE: Direct injection can enhance an engine's efficiency.

- Traditional multi-port fuel-injection systems mix fuel and air in the engine's intake ports before they enter the combustion chamber.
- However, with the CR-V's direct injection, fuel is sprayed directly into the combustion chamber.
- This promotes a desirable "tumble motion" in the intake charge, making for better combustion and higher overall fuel efficiency.[1]

BENEFIT: **Direct injection is more fuel efficient than port injection and helps reduce the cost of driving.**

Turbocharged 1.5-liter Engine (EX and above)

The 2017 CR-V EX and above trims receive a retuned version of the turbocharged 4-cylinder that debuted on the Civic line in 2016.

- In addition to the intercooled turbo, this EarthDreams® Technology powerplant features direct injection, Variable Timing Control (VTC) on both camshafts and—on Touring Trims—a dual-exhaust system.
- Instead of employing VTEC to spread torque throughout the rpm range, it uses the torque-expanding benefits of turbocharging.
- Thanks to careful tuning and use of a relatively small-diameter turbine wheel, Honda's version of the forced-induction engine exhibits negligible turbo lag—a phenomenon that bedevils many of its turbocharged competitors—so response to the throttle is quick.
- In the CR-V, this engine is tuned to provide 190 peak horsepower at 5600 rpm (SAE net).
- Torque production is admirable as well, peaking at 179 lb-ft (SAE net).
- Plus, that torque peak starts at just 2000 rpm and stays until 5000 rpm, for a sustained blast of acceleration.
- Perhaps most remarkable of all, this engine can provide all that exhilaration while receiving excellent EPA fuel-economy ratings.

Intercooled Turbocharging (EX and above)

Turbocharging increases the efficiency of an engine, both in terms of fuel use[1] and power production.

- In basic terms, a turbine wheel placed within the exhaust system is spun by the flow of exhaust gases.
- That turbine drives a shaft that in turn spins an air pump in the intake tract.
- The resulting increase in pressure pushes more air and fuel into the engine's combustion chamber, for a more powerful expansion of the ignited air-fuel mixture and greater power production.

- So a smaller, more fuel-efficient engine can produce the torque of a bigger powerplant.
- An intercooler is placed within the intake tract to enhance the system's efficiency even further.
- The act of compressing the air heats it, creating less density of the oxygen molecules necessary for combustion.
- When the heated air flows through the intercooler, its temperature is reduced and a more dense concentration of oxygen is then available for burning.
- It's possible for a turbo system to create too much boost pressure on the intake side, destabilizing combustion and creating detonation, an uncontrolled burning of the air-fuel mixture.
- To prevent this, a sensor in the intake side can trigger a device called a wastegate in the exhaust system.
- When opened, the wastegate allows some of the exhaust flow to bypass the turbine, reducing its speed and resulting in lower intake-tract compression.

EarthDreams® Technology Continuously Variable Transmissions (CVT) with G-Design Shift

CR-V comes with a pair of continuously variable transmissions (CVT).

- Honda's EarthDreams® Technology CVTs provide an outstanding driving experience along with superb fuel efficiency[1].
- The CVT paired with the 2.4-liter engine is a virtual carryover from the previous generation.
- The CVT mated to the turbo engine is derived from the Civic 1.5T unit, with tweaks to handle the greater power output.
- The CVT allows the engine to always operate at the optimum rpm level, enabling maximum efficiency under all driving conditions.
- Additional benefits of the transmission are lighter weight, more compact dimensions and greater torque capacity than a typical automatic transmission.
- Excessive engine revving is a common negative characteristic of conventional CVTs; the CR-V CVTs' ingenious G-Design Shift feature bypasses this condition through improved pairing of CVT and torque-converter functions.
- The result is an optimized CVT driving experience that is more linear and sporty than competitive CVT systems.
- In brief, the G-Design Shift allows the transmission to distribute greater power from the engine to the wheels.

- As a result, the driver and passengers will feel like the engine is revving less to propel the vehicle than in typical CVT-equipped vehicles.

SALES TIP: In your discussion of the CVTs with customers, this is a great place to point out how Honda—much more than its competitors—can combine excellent efficiency with exhilarating, fun-to-drive performance.

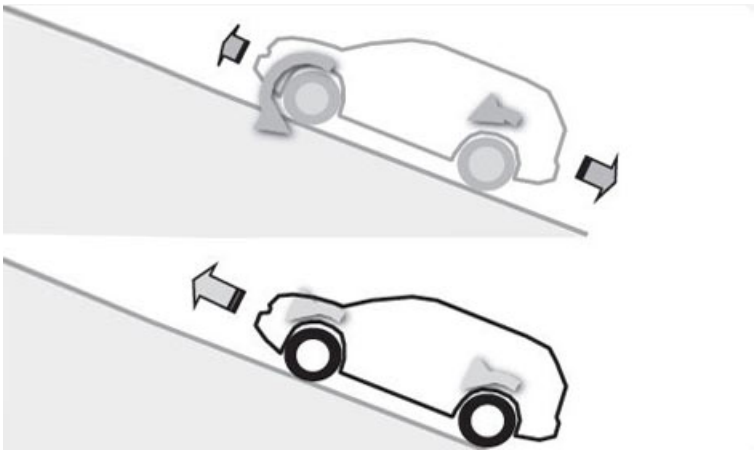
Real Time AWD with Intelligent Control System™

FEATURE: The available Real Time AWD with Intelligent Control System™ is extremely responsive.

- The system is electronically activated.
- This enables the CR-V to send power to the rear wheels proactively when accelerating and climbing hills, to help avoid traction loss.
- Plus, it reacts much more quickly to loss of traction due to road conditions, giving the driver added confidence no matter the driving condition.
- For 2017, the system has been refined to provide even better control in snowy conditions.
- Even stability in turns has been enhanced; the system actively redistributes torque between front to rear as the CR-V goes through a turn to provide greater confidence.

BENEFIT: **Real Time AWD on the CR−V gives the driver confidence in a wide variety of conditions, thanks to enhanced control.**

Hill Start Assist



FEATURE: 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.

BENEFIT: **This feature enhances confidence when stopping and starting in hilly terrain.**

- -

Electric Parking Brake with Automatic Brake Hold

FEATURE: The CR-V features an electric parking brake with automatic brake hold.

- Instead of the traditional hand lever or foot pedal for the parking brake, CR-V owners can simply lift the electric parking brake switch to set the vehicle's parking brake, and push the switch down to release the parking brake.
- When activated, the automatic brake hold maintains braking pressure when the driver applies the brakes, such as in stop-and-go traffic, and releases the brakes 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.**

IMPORTANT NOTE: The CR-V's electric parking brake can be set to engage automatically every time the ignition is turned off. Here's how it's done:

- With the ignition ON and the shift lever in PARK, make sure the brake pedal is **not** depressed.
- Pull up and release the parking brake switch to engage the parking brake.
- Pull up and hold the parking brake switch until you hear a beeping sound, then release the switch.
- Within 3 seconds, pull up and hold the switch again; when you hear two beeps, release the switch.
- The parking brake is now set to engage automatically whenever the ignition is shut off.
- To permanently deactivate the feature, repeat the above process; you'll hear a single beep at the end to signify that the feature has been disabled.

When using a conveyor-type car wash, you will have to temporarily deactivate the automatic parking brake function. To do this:

- Bring the vehicle to a stop with the brake pedal and shift to NEUTRAL.
- Turn off the ignition, and push the parking brake switch down within 2 seconds.
- The automatic activation will be suspended, and will be restored when the vehicle is restarted.

- -

MacPherson Strut Front and Multi-Link Rear Suspension

FEATURE: The CR-V suspension handles turns and bumps with ease.

- There is very little body roll or tire noise around sharp turns.
- In front, a MacPherson strut suspension is tuned for excellent ride comfort and driving feel.
- In the rear, a multi-link suspension helps the CR-V achieve a comfortable ride, with excellent handling and stability.
- Its compact, space-saving design, with low damper and spring-mounted placement points, contributes to the vehicle's ample cargo space.
- In addition, it allows the wheels to move slightly rearward when traveling over bumps, minimizing road shock and improving overall ride comfort.

BENEFIT: **Its suspension makes the CR−V great fun to drive, enhances comfort for all passengers and even makes for excellent cargo capacity and versatility.**

- -

Towing Capacity

The CR-V has a towing capacity of up to 1,500 pounds and will accept a maximum tongue weight of 150 pounds.[2]

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Towing the CR−V

With the introduction of the continuously variable transmission to the CR-V powertrain, no 2015 or later CR-V model can be safely towed behind a motor home. Refer to the "Emergency Towing" information in the CR-V owner's manual for additional information.

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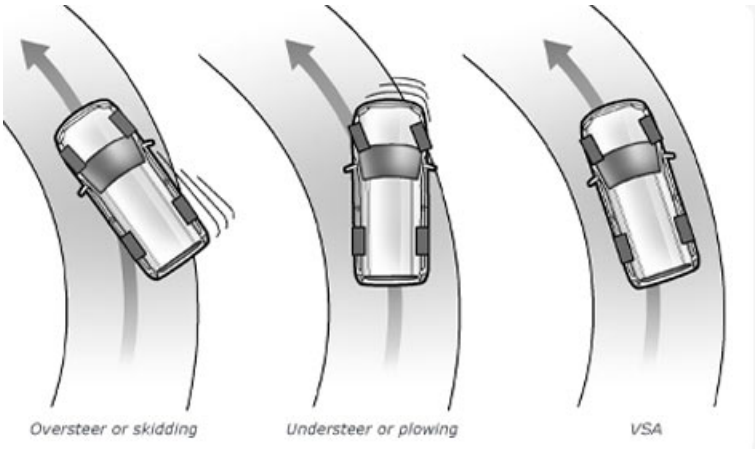
1. 26 city/32 highway/28 combined mpg rating for 2WD LX models. 25 city/31 highway/27 combined mpg rating for AWD LX models. 28 city/34 highway/30 combined mpg rating for 2WD EX and above models. 27 city/33 highway/29 combined mpg rating for AWD EX and above models. Based on 2017 EPA mileage ratings. Use for comparison purposes only. Your actual will vary depending on how you drive and maintain your vehicle, driving conditions and other factors.
2. Towing requires the addition of the Honda accessory trailer hitch and hitch ball. Please see the owner's manual for details.

SAFETY

Standard Safety Highlights



Advanced Compatibility Engineering™ (ACE™) body structure helps absorb impacts with vehicles of various sizes in the event of a frontal collision
4-wheel disc brakes with ABS, EBD and Brake Assist for sure, controlled stops
Side curtain airbags with a rollover sensor for more protection
Vehicle Stability Assist™ (VSA®)[1] with traction control to help keep the CR-V on the intended course

Honda Sensing™

Honda Sensing is designed to take advantage of a variety of technologies to enhance safety as well as driver awareness and convenience. A Honda Sensing™ suite of safety and driver-assistive technologies is standard on CR-V EX and above trims. It comprises these features:

- Safety features:
  - Collision Mitigation Braking System™ (CMBS™)[2]
  - Forward Collision Warning (FCW)[3]
  - Lane Departure Warning (LDW)[4]
  - Road Departure Mitigation System (RDM)[5]
- Driver-assistive features:
  - Adaptive Cruise Control with low-speed follow[6]
  - Lane Keeping Assist System (LKAS)[7]

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.

- This latest version of the ACE body structure was designed to increase energy absorption in small overlap

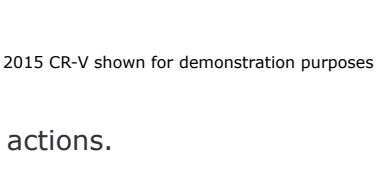
frontal collisions.

- The structure helps enhance occupant protection in a broad range of frontal collisions.
- Along with the vehicle's excellent performance in every measured area—plus the availability of advanced front crash-prevention technology—the CR-V is targeted to receive top safety ratings.

Collision Mitigation Braking System™ (CMBS™) (EX and above)

The CR-V's Collision Mitigation Braking System™ (CMBS™)[2] is one of the most sophisticated safety systems available.

- It incorporates the features of the Forward Collision Warning (FCW)[3] system.
- A part of the Honda Sensing suite of active driver-assistive technologies, CMBS is designed to alert drivers of a potential frontal collision via visual and audible alerts, to help the driver take corrective actions.



2015 CR-V shown for demonstration purposes

- 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 frontal collision with a vehicle detected 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[2] system on the CR-V may not be able to apply enough braking force to prevent a collision.
- 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.

Lane Departure Warning (LDW) (EX and above)

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

Part of 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.

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Road Departure Mitigation System (RDM) (EX and above)

The Road Departure Mitigation System (RDM)[5] 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 Driver Information Interface warning message.

Pilot shown for demonstration purposes.

- The system is designed to then use the Electric Power Steering system (EPS) to guide the vehicle back into its detected lane or to apply the brakes to keep the CR-V from leaving the roadway altogether.

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Multi-Angle Rearview Camera

Every CR-V is equipped with a multi-angle rearview camera with guidelines.[8]

- In addition to standard view, the driver can select wide view or top-down view while in reverse.
- And select models add dynamic guidelines that bend as the steering wheel is turned to project the arc the vehicle will take when backing up.

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.

SmartVent® Front Side Airbags

Front side airbags are standard on all CR-V models.

- 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, helping to protect the driver's or front passenger's upper body from injury, or vent before fully inflating if an occupant is in the side airbag deployment path, thereby decreasing the likelihood of an airbag-related injury.

3-Point Seat Belts

All seating positions in the CR-V have 3-point seat belts.[9]

- Those in the front of the vehicle are also equipped with an automatic tensioning system.
- In a moderate to severe frontal impact, the system tightens the shoulder and lap harnesses, which in turn help hold the driver and front passenger in place.
- For extra comfort, the front seat belts also have adjustable shoulder anchors.

Child Safety Features

All CR-V models feature child-proof rear door locks and a child-seat mounting system called Lower Anchors and Tethers for CHildren (LATCH) in the second-row seats.

- This system consists of an upper child-seat tether anchor and two lower anchors.
- When used with a LATCH-compatible child seat, the LATCH system provides attachment points between the child seat and the vehicle.
- Tether anchors are available for all three rear-seating positions.
- All seat belts, except the driver's, are equipped with a locking retractor that can be used to secure a child seat.

1. 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.
2. 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.
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.
5. Road Departure Mitigation only alerts drivers when lane drift is detected without a turn signal in use and can apply mild steering torque to assist driver in maintaining proper lane position and/or brake pressure to slow the vehicle's departure from a detected lane. RDM may not detect all lane markings or lane departures; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.
6. 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. ACC only includes a limited braking function; driver remains responsible for slowing or stopping the vehicle to avoid a collision.
7. 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.
8. 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.
9. Always use seat belts and appropriate child seats. Children 12 and under are safest when properly restrained in the rear seat.

SPECIFICATIONS & FEATURES

2017 CR-V SPECIFICATIONS & FEATURES

ENGINEERING	LX	EX	EX-L	Touring
Engine Type	**In-Line 4-Cylinder**	**In-Line 4-Cylinder with Single-Scroll MHI TD03 Turbo and Internal Wastegate**	**In-Line 4-Cylinder with Single-Scroll MHI TD03 Turbo and Internal Wastegate**	**In-Line 4-Cylinder with Single-Scroll MHI TD03 Turbo and Internal Wastegate**
Boost Pressure		**18.5 psi**	**18.5 psi**	**18.5 psi**

Engine Block/Cylinder Head	**Aluminum-Alloy**	**Aluminum-Alloy**	**Aluminum-Alloy**	**Aluminum-Alloy**
Displacement	**2356 cc**	**1498 cc**	**1498 cc**	**1498 cc**
Horsepower (SAE net)	**184 @ 6400 rpm**	**190 @ 5600 rpm**	**190 @ 5600 rpm**	**190 @ 5600 rpm**
Torque (SAE net)	**180 lb-ft @ 3900 rpm**	**179 lb-ft @ 2000-5000 rpm**	**179 lb-ft @ 2000-5000 rpm**	**179 lb-ft @ 2000-5000 rpm**
Bore and Stroke	**87.0 mm x 99.1 mm**	**73.0 mm / 89.5 mm**	**73.0 mm / 89.5 mm**	**73.0 mm / 89.5 mm**
Compression Ratio	**11.1 : 1**	**10.3 : 1**	**10.3 : 1**	**10.3 : 1**
Valve Train	**16-Valve DOHC i-VTEC®**	**16-Valve DOHC**	**16-Valve DOHC**	**16-Valve DOHC**
Fuel Injection	**Direct**	**Direct**	**Direct**	**Direct**
Drive-by-Wire Throttle System	●	●	●	●
Electric Parking Brake with Automatic Brake Hold	●	●	●	●
Eco Assist™ System	●	●	●	●
Active Noise Cancellation™ (ANC)	●	●	●	●
Hill Start Assist	●	●	●	●
Direct Ignition System with Immobilizer	●	●	●	●
100K +/- Miles No Scheduled Tune-Ups[1]	●	●	●	●
Real Time AWD with Intelligent Control System™	**Available**	**Available**	**Available**	**Available**
CARB Emissions Rating[2]	**LEV3-ULEV70**	**LEV3-ULEV70**	**LEV3-ULEV70**	**LEV3-ULEV70**
Remote Engine Start		●	●	●

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TRANSMISSION	LX	EX	EX-L	Touring
Continuously Variable Transmission (CVT) with Sport Mode	●	●	●	●
Gear Ratios: 2.645~0.405, Reverse: 1.859~1.265, Final Drive: 5.05 (LX), 5.64 (EX > Touring)				

BODY/SUSPENSION/CHASSIS	LX	EX	EX-L	Touring
MacPherson Strut Front Suspension	•	•	•	•
Multi-Link Double Wishbone Rear Suspension	•	•	•	•
Variable Ratio Electric Power-Assisted Rack-and-Pinion Steering (EPS)	•	•	•	•
Stabilizer Bar (front/rear, 2WD)	23.0 mm (tubular) / 17.7 mm (solid)	23.0 mm (tubular) / 17.7 mm (solid)	23.0 mm (tubular) / 17.7 mm (solid)	23.0 mm (tubular) / 17.7 mm (solid)
Stabilizer Bar (front/rear, AWD)	23.0 mm (tubular) / 13.0 mm (solid)	23.0 mm (tubular) / 13.0 mm (solid)	23.0 mm (tubular) / 13.0 mm (solid)	23.0 mm (tubular) / 13.0 mm (solid)
Steering Wheel Turns, Lock-to-Lock	2.30	2.30	2.30	2.30
Steering Ratio	12.30 : 1	12.30 : 1	12.30 : 1	12.30 : 1
Turning Diameter, Curb-to-Curb (2WD/AWD)	37.4	37.4	37.4	37.4
Power-Assisted Ventilated Front Disc/Solid Rear Disc Brakes (front/rear)	11.1 in / 10.2 in	11.1 in / 10.2 in	11.1 in / 10.2 in	11.1 in / 10.2 in
Wheels	17 in Alloy	18 in Alloy	18 in Alloy	18 in Alloy
All-Season Tires	235 / 65 R17 104H	235 / 60 R18 103H	235 / 60 R18 103H	235 / 60 R18 103H
Compact Spare Tire	T155 / 90 D17 112M	T155 / 90 D17 112M	T155 / 90 D17 112M	T155 / 90 D17 112M

EXTERIOR MEASUREMENTS	LX	EX	EX-L	Touring
Wheelbase	104.7 in	104.7 in	104.7 in	104.7 in
Length	180.6 in	180.6 in	180.6 in	180.6 in
Height (2WD/AWD)	66.1 in / 66.5 in	66.1 in / 66.5 in	66.1 in / 66.5 in	66.1 in / 66.5 in
Width	73.0 in	73.0 in	73.0 in	73.0 in

Track (front/rear) (2WD)	**63.0 in / 63.7 in**	**63.0 in / 63.7 in**	**63.0 in / 63.7 in**	**63.0 in / 63.7 in**
Track (front/rear) (AWD)	**62.9 in / 63.5 in**	**62.9 in / 63.5 in**	**62.9 in / 63.5 in**	**62.9 in / 63.5 in**
Ground Clearance (unladen, 2WD/AWD)	**7.8 in / 8.2 in**	**7.8 in / 8.2 in**	**7.8 in / 8.2 in**	**7.8 in / 8.2 in**
Approach/Departure Angles (2WD)	**19.3° / 23.5°**	**19.3° / 23.5°**	**19.3° / 23.5°**	**19.3° / 23.5°**
Approach/Departure Angles (AWD)	**20.8° / 24.8°**	**20.8° / 24.8°**	**20.8° / 24.8°**	**20.8° / 24.8°**
Curb Weight (2WD/AWD)	**3307 lbs / 3421 lbs**	**3349 lbs / 3463 lbs 3358 lbs / 3473 lbs (w/HS)**	**3369 lbs / 3483 lbs 3377 lbs / 3492 lbs (w/HS)**	**3397 lbs / 3512 lbs**
Weight Distribution (front/rear, 2WD)	**59% / 41%**	**59% / 41%**	**58% / 42%**	**58% / 42%**
Weight Distribution (front/rear, AWD)	**58% / 42%**	**58% / 42%**	**57% / 43%**	**57% / 43%**
Towing Capacity	**1500 lbs**	**1500 lbs**	**1500 lbs**	**1500 lbs**

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INTERIOR MEASUREMENTS	LX	EX	EX-L	Touring
Headroom (front/rear)	**40.1 in / 39.2 in**	**38.0 in / 39.1 in**	**38.0 in / 39.1 in**	**37.8 in / 38.3 in**
Legroom (front/rear)	**41.3 in / 40.4 in**	**41.3 in / 40.4 in**	**41.3 in / 40.4 in**	**41.3 in / 40.4 in**
Shoulder Room (front/rear)	**57.9 in / 55.6 in**	**57.9 in / 55.6 in**	**57.9 in / 55.6 in**	**57.9 in / 55.6 in**
Hiproom (front/rear)	**55.1 in / 49.5 in**	**55.1 in / 49.5 in**	**55.1 in / 49.5 in**	**55.1 in / 49.5 in**
Cargo Volume (rear seat up/down)	**39.2 cu ft / 75.8 cu ft**	**39.2 cu ft / 75.8 cu ft**	**39.2 cu ft / 75.8 cu ft**	**39.2 cu ft / 75.8 cu ft**
Passenger Volume	**105.9 cu ft**	**102.9 cu ft**	**102.9 cu ft**	**102.9 cu ft**
Seating Capacity	**5**	**5**	**5**	**5**

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EPA MILEAGE RATINGS[3]/FUEL	LX	EX	EX-L	Touring
Continuously Variable Transmission (CVT) (2WD; City/Highway/Combined)	**26 / 32 / 28**	**28 / 34 / 30**	**28 / 34 / 30**	**28 / 34 / 30**
Continuously Variable Transmission (CVT) (AWD; City/Highway/Combined)	**25 / 31 / 27**	**27 / 33 / 29**	**27 / 33 / 29**	**27 / 33 / 29**

Fuel Tank Capacity	**14.0 gal**	**14.0 gal**	**14.0 gal**	**14.0 gal**
Required Fuel	**Regular Unleaded**	**Regular Unleaded**	**Regular Unleaded**	**Regular Unleaded**

ACTIVE SAFETY	LX	EX	EX-L	Touring
Vehicle Stability Assist™ (VSA®) with Traction Control4	●	●	●	●
Anti-Lock Braking System (ABS)	●	●	●	●
Electronic Brake Distribution (EBD)	●	●	●	●
Brake Assist	●	●	●	●
Tire Pressure Monitoring System (TPMS)[5]	●	●	●	●
LED Daytime Running Lights (DRL)	●	●	●	●
Multi-Angle Rearview Camera[6]	**with Guidelines**	**with Dynamic Guidelines**	**with Dynamic Guidelines**	**with Dynamic Guidelines**
Forward Collision Warning (FCW)[7] (HS)		●	●	●
Lane Departure Warning (LDW)[8] (HS)		●	●	●
Collision Mitigation Braking System™ (CMBS™)[9] (HS)		●	●	●
Road Departure Mitigation System[10] (RDM) (HS)		●	●	●

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

PASSIVE SAFETY	LX	EX	EX-L	Touring
Advanced Compatibility Engineering™ (ACE™) Body Structure	●	●	●	●
Advanced Front Airbags (i-SRS)	●	●	●	●
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 All), Tether Anchors (2nd-Row All)	●	●	●	●
Driver's and Front Passenger's Seat-Belt Reminder	●	●	●	●
Child-Proof Rear Door Locks	●	●	●	●

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DRIVER ASSIST TECHNOLOGY	LX	EX	EX-L	Touring
Lane Keeping Assist System (LKAS)[11] (HS)		●	●	●
Adaptive Cruise Control (ACC) with Low-Speed Follow[12] (HS)		●	●	●
Auto High-Beam Headlights		●	●	●
Blind Spot Information System (BSI) with Cross Traffic Monitor[13]		●	●	●

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

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EXTERIOR FEATURES	LX	EX	EX-L	Touring
2-Speed/Intermittent Windshield Wipers	●			
Power Side Mirrors	●			
Active Shutter Grille	●	●	●	●
Multi-Reflector Halogen Headlights with Auto-Off	●	**with Auto-On/Off**	**with Auto-On/Off**	
Fin-Type Roof-Mounted Antenna	●	●	●	●
Remote Entry System	●	●	●	●

One-Touch Turn Indicators	●	●	●	●
Reverse-Linked Intermittent Rear Window Wiper/Washer with Heated Wiper Zone	●	●	●	●
Body-Colored Roofline Spoiler with Integrated Brake Light	**Black**	●	●	●
Body-Colored Door Handles	**Black**	●	●	●
Rear Privacy Glass		●	●	●
Security System		●	●	●
Smart Entry		●	●	●
One-Touch Power Moonroof with Tilt Feature		●	●	●
Fog Lights		●	●	●
Variable Intermittent Windshield Wipers		●	●	**Rain-Sensing**
Heated, Body-Colored Power Side Mirrors including Integrated Turn Indicators		●	●	●
Power Tailgate with Programmable Height			●	**Hands-Free Access**
Roof Rails				●
LED Headlights with Auto-On/Off (low & high beam)				●
Dual Chrome Exhaust Finishers				●

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COMFORT & CONVENIENCE	LX	EX	EX-L	Touring
Automatic Climate Control System	●			
Power Windows with Auto-Up/Down Driver's Window	●			
Power Door and Tailgate Locks	●			
Cruise Control	●	●	●	●
Tilt and Telescopic Steering Column	●	●	●	●
Instrument Panel-Mounted Shifter	●	●	●	●

Capless Fuel Filler	●	●	●	●
Multi-Functional Center Console Storage with Sliding Armrest	●	●	●	●
Sliding Sunvisors	●	●	●	●
Conversation Mirror with Sunglasses Holder	●	●	●	●
Beverage Holders, Front and Rear	●	●	●	●
Lockable Glove Compartment	●	●	●	●
Door-Pocket Storage Bins	●	●	●	●
Map Lights	●	●	●	●
Floor Mats	●	●	●	●
Rear-Seat Center Armrest	●	●	●	●
Driver-Side Garment Hook	●	●	●	●
Remote Fuel Filler Door Release	●	●	●	●
Rear-Seat Heater Ducts	●	●	●	●
Rear Window Defroster	●	●	●	●
Cargo Area Tie-Down Anchors	●	●	●	●
Cargo Area Lights	●	●	●	●
Illuminated Steering Wheel-Mounted Controls	●	●	●	●
Driver's and Front Passenger's Vanity Mirrors	●	**Illuminated**	**Illuminated**	**Illuminated**
Dual-Zone Automatic Climate Control System		●	●	●
Push Button Start		●	●	●
Front Passenger's Seatback Pocket		●	●	●
Retractable Cargo Area Cover		●	●	●
Power Windows with Auto-Up/Down Driver's and Front Passenger's Windows		●	●	●
Power Door and Tailgate Locks with Walk-Away Auto-Lock Feature		●	●	●
Leather-Wrapped Steering Wheel and Shift Knob			●	●
Automatic-Dimming Rearview Mirror			●	●
HomeLink® Remote System[14]			●	●

Blue Ambient LED Lighting				●

SEATING	LX	EX	EX-L	Touring
Driver's Seat with 6-Way Manual Adjustment	●			
Adjustable Front Seat-Belt Anchors	●	●	●	●
Easy Fold-Down 60/40 Split Rear Seat	●	●	●	●
Head Restraints at all Seating Positions	●	●	●	●
Heated Front Seats		●	●	●
Driver's Seat with 12-Way Power Adjustment, including 4-Way Power Lumbar Support		●	**with Two-Position Memory**	**with Two-Position Memory**
Leather-Trimmed Seats			●	●
Front Passenger's Seat with 4-Way Power Adjustment			●	●

AUDIO & CONNECTIVITY	LX	EX	EX-L	Touring
160-Watt Audio System with 4 Speakers	●			
5-Inch Color LCD Screen	●			
***Bluetooth*® HandsFreeLink®[15]**	●	●	●	●
***Bluetooth*® Streaming Audio[15]**	●	●	●	●
Pandora®[16] Compatibility	●	●	●	●
Radio Data System (RDS)	●	●	●	●
Speed-Sensitive Volume Control (SVC)	●	●	●	●
USB Audio Interface[18]	**1.0-Amp Charging Port in Center Console**	**1.5-Amp and 1.0-Amp Charging Ports in Center Console**	**1.5-Amp and 1.0-Amp Charging Ports in Center Console**	**1.5-Amp and 1.0-Amp Charging Ports in Center Console**
12-Volt Power Outlets	**Front and Center**	**Front and Center**	**Front and Center**	**Front and Center**

	Console	Console	Console	Console
180-Watt Audio System with 6 Speakers		●		
7-Inch Display Audio with High-Resolution WVGA (800x480) Electrostatic Touch-Screen, Customizable Feature Settings and Compass		●	●	●
HondaLink®[19]		●	●	●
Apple CarPlay™[20] / Android Auto™21		●	●	●
SiriusXM® Radio[22]		●	●	●
SMS Text Message Function[17]		●	●	●
USB Ports		2.5-Amp Charging Ports in 2nd-Row	2.5-Amp Charging Ports in 2nd-Row	2.5-Amp Charging Ports in 2nd-Row
180-Watt Audio System with 8 Speakers			●	
HD Radio™[23]				●
Honda Satellite-Linked Navigation System™ with Voice Recognition[24], Honda HD Digital Traffic and Song By Voice® (SBV)			Available	●
330-Watt Premium Audio System with 9 Speakers, including Subwoofer				●

MULTI - INFORMATION DISPLAY	LX	EX	EX-L	Touring
Average Fuel Economy Indicators	●			
Digital Speedometer	●			
Exterior Temperature Indicator	●			
Instant Fuel Economy Indicator	●			
Maintenance Minder™ System	●			
Miles-to-Empty Indicator	●			
Odometer and Trip Meters (2)	●			
Shift Lever Position Indicator	●			

DRIVER INFORMATION INTERFACE	LX	EX	EX-L	Touring
Audio Settings		●	●	●
Customizable Feature Settings		●	●	●
Digital Speedometer		●	●	●
Driver Attention Monitor		●	●	●
Maintenance Minder™ System		●	●	●
Phone		●	●	●
Shift Lever Position Indicator		●	●	●
System Message Indicator		●	●	●
Trip Computer		●	●	●
AWD Torque Distribution Monitor		AWD models	AWD models	AWD models
Compass			Available	●
Turn-By-Turn Directions			Available	●

INSTRUMENTATION	LX	EX	EX-L	Touring
12-Volt Battery-Charging System Indicator	●	●	●	●
ABS Indicator	●	●	●	●
Airbag System Indicator	●	●	●	●
Automatic Brake Hold Indicators	●	●	●	●
Brake Depress Indicator	●	●	●	●
Brake System Indicator	●	●	●	●
Coolant Temperature Indicator	●	●	●	●
Cruise Control Indicators	●	●	●	●
Door-Open Indicator	●	●	●	●
ECON Button	●	●	●	●

ECON Mode Indicator	●	●	●	●
Electric Power Steering (EPS) Indicator	●	●	●	●
Fuel Level Indicator	●	●	●	●
Headlights-On Indicator	●	●	●	●
High-Beam Indicator	●	●	●	●
Low-Fuel Indicator	●	●	●	●
Low-Oil Pressure Indicator	●	●	●	●
Low-Tire Pressure Indicator	●	●	●	●
Maintenance Minder™ Indicator	●	●	●	●
Malfunction Indicator	●	●	●	●
Power Reduced Indicator	●	●	●	●
Seat-Belt Reminder Indicator	●	●	●	●
System Message Indicator	●	●	●	●
Tachometer	●	●	●	●
Tailgate-Open Indicator	●	●	●	●
TPMS Indicator	●	●	●	●
Turn Signal/Hazard Indicators	●	●	●	●
VSA Off/Engaged/System Indicators	●	●	●	●
AWD System Indicator	**AWD models**	**AWD models**	**AWD models**	**AWD models**
Adaptive Cruise Control (ACC) On and System Indicators		●	●	●
Auto High-Beam On Indicator		●	●	●
Blind Spot Information System (BSI) System Indicator		●	●	●
Collision Mitigation Braking System (CMBS) Off and System Indicators		●	●	●
Fog Lights Indicator		●	●	●
Lane Departure Warning (LDW) System Indicator		●	●	●
Lane Keeping Assist System (LKAS) On and System Indicators		●	●	●

1. Does not apply to fluid and filter changes. Will vary with driving conditions. Please see your Honda dealer for details.
2. LEV3-ULEV70 (Ultra-Low-Emission Vehicle) models as certified by the California Air Resources Board (CARB).
3. Based on 2017 EPA mileage ratings. Use for comparison purposes only. Your mileage will vary depending on how you drive and maintain your vehicle, driving conditions and other factors.
4. 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.
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. 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. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. The systems are not a substitute for your own visual assessment before changing lanes or backing up, and may not detect all objects, or provide complete information about conditions, behind or to the side of the vehicle. System accuracy will vary based on weather, size of object, and speed. Driver remains responsible for safely operating vehicle and avoiding collisions.
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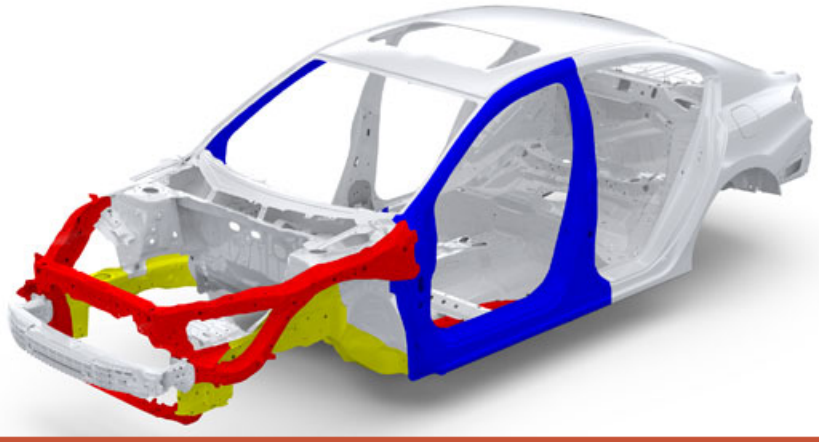
17. Compatible with select phones with *Bluetooth*®. Your wireless carrier's rate plans apply. State or local laws may limit use of texting feature. Only use texting feature when conditions allow you to do so safely.
18. The USB Audio Interface is used for direct connection to and control of some current 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 your Honda dealer for details.
19. Check the HondaLink® website for smartphone compatibility.
20. Apple CarPlay is a trademark of Apple Inc.
21. Android and Android Auto are trademarks of Google Inc.
22. 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.
23. HD Radio is a proprietary trademark of iBiquity Digital Corporation.
24. The Honda Satellite-Linked Navigation System™ is available on EX-L models and standard on Touring models 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

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.

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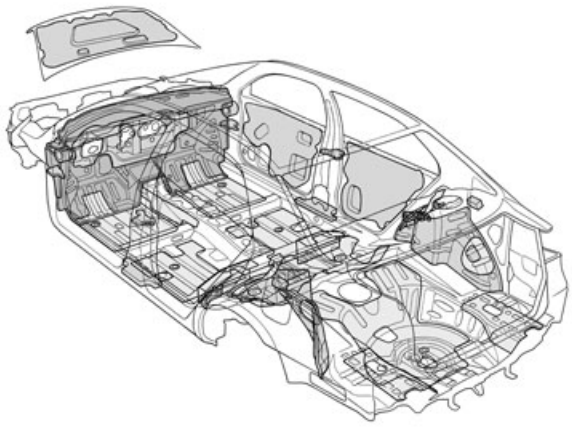
Minimizing Noise, Vibration and Harshness (NVH)

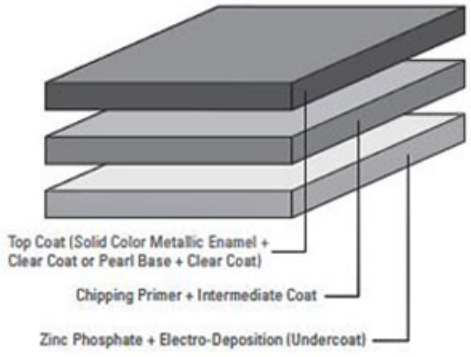


Honda employs many measures to reduce noise, vibration and harshness (commonly referred to as NVH) in order to create a more enjoyable driving experience. Special attention is paid to quieting the engine, soundproofing the cabin, improving aerodynamics and strengthening the body.

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

Honda Paint



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.

VTEC Engineering

Honda's variable valve timing and lift electronic control (VTEC®) elegantly solves a problem all engine designers face: the need to build an engine that makes usable power throughout its entire rpm range. The trick lies in packing the maximum amount of air and fuel (called the intake charge) into the combustion chamber on each intake stroke and expelling the maximum amount of burned exhaust gases on the exhaust stroke. However, the air-fuel charge racing through the intake tract and into the combustion chamber creates a variety of engineering challenges.

The combustion chamber suction created as the piston moves downward on the intake stroke, along with atmospheric pressure, start the intake charge moving toward the cylinder and combustion chamber. Since air and fuel have weight, however, there is a short delay as they begin to move and come up to speed, and the effects of this delay are multiplied as engine speed increases. At the upper end of an engine's rpm range, the intake valve ends up closing before a significant portion of the air-fuel charge can reach it. As a result, cylinder filling is reduced, the intake charge is incomplete and engine power (or more specifically, torque) decreases.

High-performance and racing-engine designers compensate for the air-fuel charge delay by using a cam-lobe profile that holds the intake valves open for a longer duration at high engine speeds. However, this creates an entirely new set of problems: At low- and mid-range engine speeds, a long-duration cam lobe keeps the valves open too long. As a result, part of the intake charge is actually pushed out of the cylinder back into the intake manifold before the intake valve can be closed, which causes engine torque to drastically decrease. It's the main reason high-performance and racing engines produce their peak horsepower at such high rpm, and suffer from driveability problems at low rpm.

Ideally, the intake valve should remain open for a short duration at low engine speeds and for a longer duration at high engine speeds—and that is precisely how Honda variable valve timing works.

- -

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

The DOHC i-VTEC system enhances the effect of VTEC by adding Variable Timing Control™ (VTC™). VTC is a hydraulically operated system that controls the timing of the chain-driven intake camshaft, advancing or retarding it during the intake cycle. This results in more precise control over the timing of the intake charge, relative to crankshaft position.

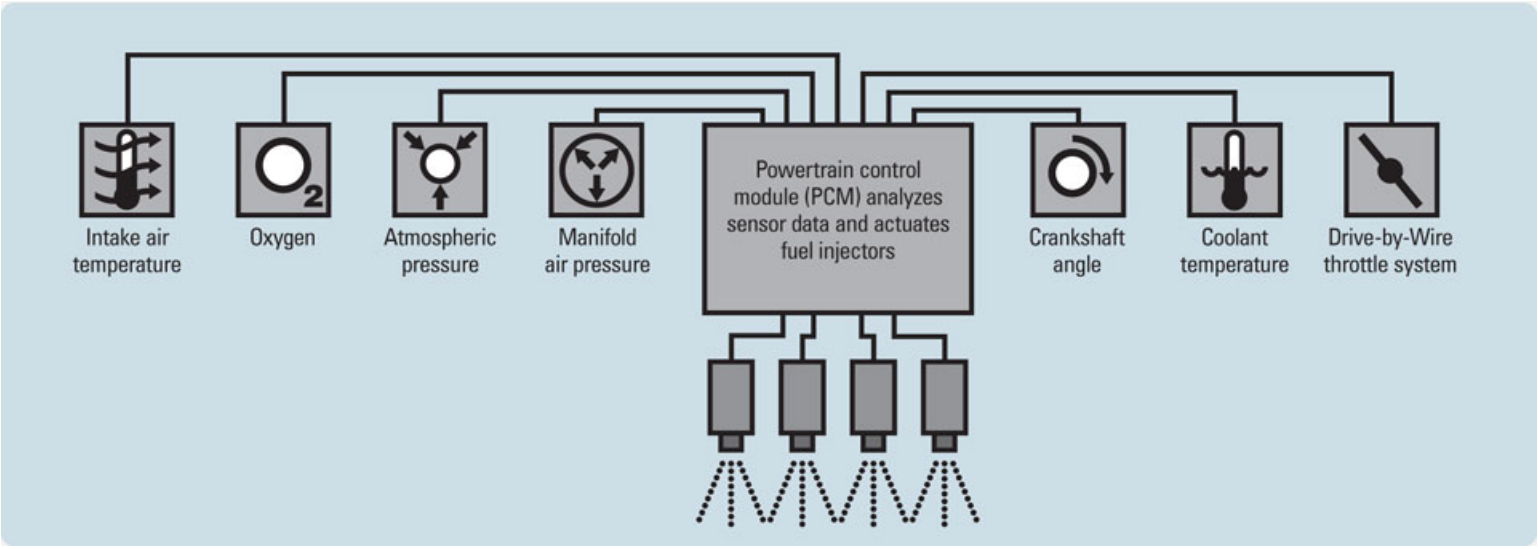
During normal operation, intake camshaft timing is retarded at low-rpm operation to help provide more stable idling while at the same time reducing exhaust emissions. As rpm and engine load increase, the intake

camshaft is slightly rotated; this advances the primary intake valve's timing so that it opens sooner, for better cylinder filling. At higher engine speeds, both intake valves are opened to increase air/fuel flow, sometimes while the exhaust valves are still open. This is known as "valve overlap," which uses some of the suction of the escaping exhaust gases to help draw more air and fuel through the intake valves into the cylinder. This helps fill the cylinder more effectively, which creates even better performance at high engine speeds, with a further reduction of exhaust emissions.

Aluminum-Alloy Engines

Honda uses aluminum-alloy castings for major components such as the cylinder block, cylinder head and transmission cases. The principal advantages of aluminum alloy are lighter weight, which helps improve performance and fuel efficiency, and superior heat-transfer characteristics for better heat management.

Programmed Fuel Injection (PGM-FI)



Another reason Honda port-injected engines are so efficient is Honda Programmed Fuel Injection (PGM-FI). Here's how the system works:

At the heart of PGM-FI is a computer called the PCM, or powertrain control module. The PCM is connected to sensors that monitor inputs such as throttle position, engine temperature, crankshaft position, intake manifold

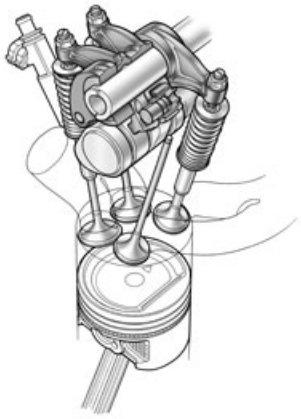
pressure, atmospheric pressure, exhaust-gas oxygen content and intake air temperature. The PCM constantly receives information from these and other sensors and uses it to determine the fuel requirements of the engine. It then activates each fuel injector at precisely the right moment for optimum efficiency. The result is outstanding power and driveability, with reduced emissions and better fuel efficiency.

An additional advantage of PGM-FI is easier maintenance and repair. The PCM can sense when something is wrong with various parts of the system and store a trouble code, which will lead a technician to the problem area.

Air-Assist Fuel Injectors

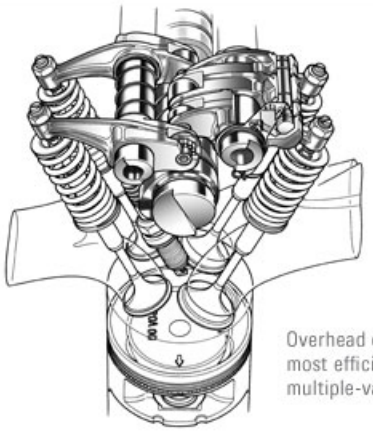
Thorough atomization of fuel is critical for complete combustion. The smaller the fuel droplet, the more effectively it mixes with the intake air, resulting in more efficient combustion, lower emissions and improved throttle response. All Honda port-injection systems use special air-assist fuel injectors that mix air with the fuel as it is sprayed from the injector.

Four Valves Per Cylinder



Generally, the more valves a combustion chamber has, the more power it can produce. There are several reasons for this: More valves improve an engine's breathing by letting more air and fuel into the combustion chamber and expelling exhaust gases more efficiently. Also, each valve is smaller and lighter in a multi-valve engine, so higher engine speeds (rpm) are easier to achieve than with the larger, heavier valves found in 2-valve designs.

Overhead Camshafts



Overhead camshafts are the most efficient way to operate multiple-valve engines.

Honda vehicles use overhead-camshaft engines exclusively because of the advantages of this design. Since an overhead camshaft eliminates the reciprocating mass of pushrods and lifters, the engine can rev higher with less risk of valve float. With fewer parts between the camshaft and valve, valve timing becomes more accurate, thereby improving combustion efficiency. Additionally, overhead camshafts give the engine designer more freedom in choosing the valve angle, combustion-chamber shape and coolant-passage placement in the head.

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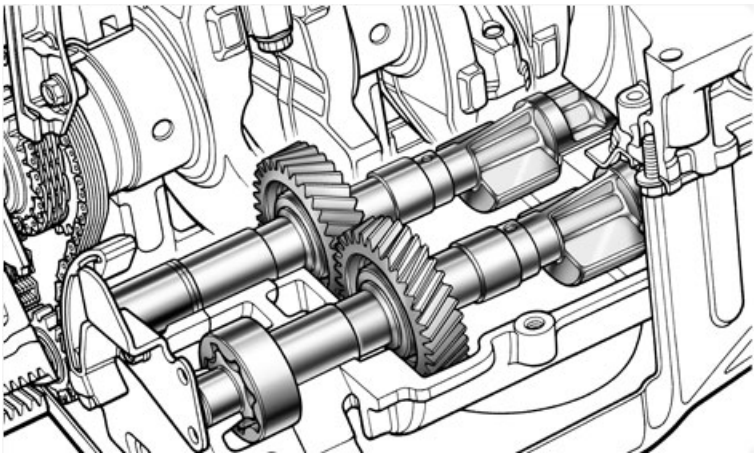
Second-Order Balance System (2.4-liter 4-Cylinder Models)



The uncanny smoothness and lack of vibration found on many Honda engines can be attributed to their unique second-order balance system. This Honda-designed feature uses a pair of balance shafts to counteract vibrations inherent in all large-displacement 4-cylinder engines. Located in the oil pan, the balance shafts rotate in opposite directions at twice the engine speed. Eccentric weights built into the shafts generate inertial forces that counteract vibrations created by the engine's pistons and connecting rods. As a result, these engines are smoother at all rpm ranges, from idle to redline.

- -

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.

- -

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

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

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Immobilizer Theft-Deterrent System

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

- -

Drive-by-Wire Throttle System

Instead of a mechanical linkage from the accelerator pedal to the fuel-injection throttle plate, all Honda models use "Drive-by-Wire" technology. The system uses an electronic position sensor connected to the accelerator pedal that sends an electronic signal to the vehicle's powertrain control module (PCM). The PCM combines the accelerator-position signal from the driver with data such as engine rpm, coolant temperature and road speed, and then optimizes the movement of the throttle plate to the desired position.

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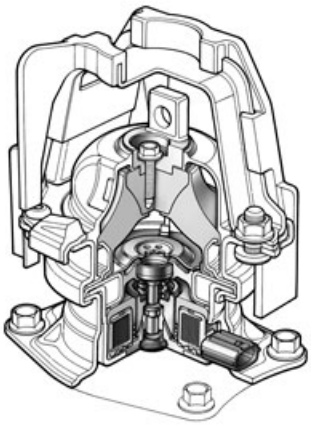
Engine Mounts



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.

- -

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.

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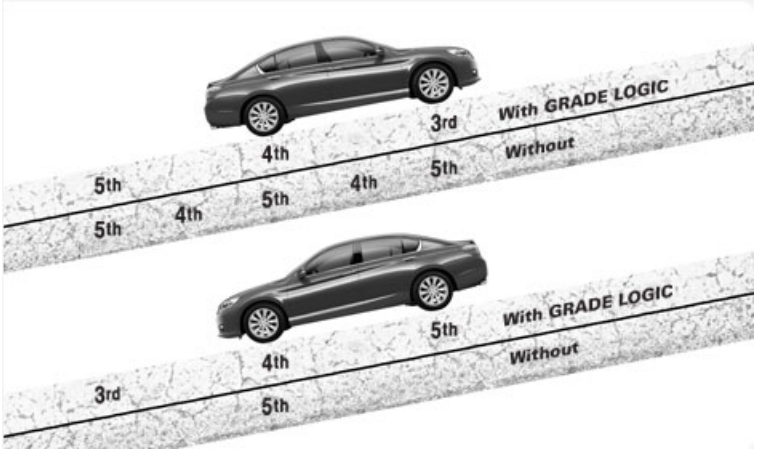
Grade Logic Control System



All Honda automatic transmissions incorporate the Grade Logic Control System, which uses a powertrain control module (PCM) that is programmed to select appropriate shift points from stored PCM "shift maps." By controlling the engagement of 3rd, 4th and 5th gears when driving uphill or downhill (2nd gear as well on the Civic and CR-V), Grade Logic Control improves driving comfort and control.

Many conventional automatic transmissions use a single shift map based on throttle position and map sensor (to determine engine load) and a speed sensor (to determine road speed). While shift points from these two inputs are correct most of the time, there are situations that can "fool" its computer. For example, when driving up a long hill, the driver presses on the accelerator to compensate for slowing. The car downshifts to a lower gear and speeds up in response to increased throttle. So the driver eases off the accelerator and the transmission upshifts to the higher gear, sensing less engine load. The car begins slowing again, whereupon the driver presses on the throttle, and the transmission once again downshifts. This cycle of accelerating and decelerating, downshifting and upshifting, is called "gear hunting" and will repeat until the top of the hill is reached or the driver manually downshifts.

Likewise, when driving on downgrades without Grade Logic, the transmission senses a closed throttle with high

vehicle speed and upshifts to 4th or 5th gear, rather than downshifting to permit engine braking. To slow the vehicle, the driver may have to step on the brake pedal, or manually downshift to a lower gear to slow it down.

Grade Logic eliminates these problems because it uses throttle position, brake-pedal position, road speed and rate of deceleration and acceleration to determine actual driving conditions. It then uses this information to select the appropriate program from its stored computer shift maps. For example, when driving uphill, Grade Logic senses that despite a large throttle opening, the car is not accelerating and picks the uphill driving shift map that holds in gear and delays upshifts, thereby eliminating hunting between gears.

When driving downhill, Grade Logic senses that the vehicle is going downhill. It then selects the downhill-driving shift map and selects and holds a lower gear to also provide engine braking. Similarly, if it senses bursts of acceleration and deceleration, actions that typically accompany driving on a winding road or in stop-and-go traffic, it chooses a shift map that holds the transmission in gear and delays upshifts, making rapid acceleration possible.

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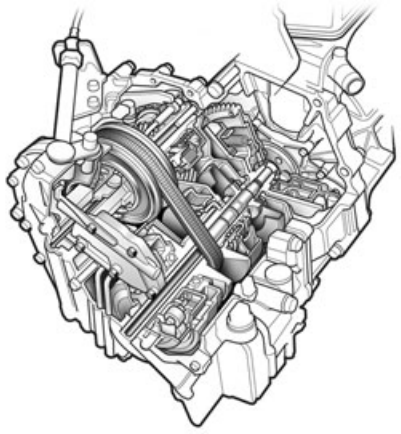
Continuously Variable Transmission (CVT) (Accord, Civic, Fit, CR-V and HR-V)



Honda engineers decided that a continuously variable transmission (CVT) would be the ideal automatic transmission to offer for greater efficiency. The CVT provides better fuel efficiency as well as improved acceleration, when compared to a conventional automatic transmission. The CVT's unique, stepless shifting system operates more smoothly than a conventional automatic, and without efficiency losses associated with a hydraulic torque converter. The range of ratios available between the engine and driven wheels is infinite within the transmission's operating range, which allows the engine to be tuned for optimum fuel efficiency and minimal emissions without loss of flexibility. In addition, the CVT is mechanically simpler than a standard automatic transmission—there are fewer components and hydraulic circuits.

Honda engineers, in conjunction with Van Doorne Transmissions of Holland, designed and built the heart of the original Honda CVT—its metal drive belt, which functions as a push belt running between a pair of variable-width pulleys. This multi-segment drive belt is composed of hundreds of thin steel plates, or elements, that are held together by steel spring bands. Each pulley face forms a shallow cone that clamps down on the belt elements as they make their way around the pulleys. The engine-powered drive pulley compresses and pushes the stack of elements to the driven pulley, which causes it to turn and produce power at the wheel. When a gear-ratio change is needed, one set of pulley faces is pushed together, the other drawn apart. This changes their diameters and forces the belt to ride higher or lower between the pulleys, thus causing the gear ratios to change. A special computer-controlled, hydraulically actuated system changes the CVT's ratios while driving.

When considerable torque multiplication is needed (for example, when accelerating from a stop), the drive pulley is hydraulically set at a smaller diameter and the driven pulley is set at a larger diameter. When cruising at highway speeds—a condition in which the engine is operating at a steady load—the pulleys adjust to keep the engine's rpm low for maximum fuel efficiency.

The current generation of Honda CVTs uses a torque converter—rather than the start clutch on older designs—for smoother starts and stops.

ECO Assist (Accord, Civic, Fit, CR-V, HR-V, Pilot and Ridgeline)

A method of increasing the fuel efficiency, Eco Assist™ consists of two parts: the ECON mode and the Driver Feedback System. While each method can work independently, together they help drivers maximize fuel efficiency for their specific driving conditions.

Driver Feedback System: An ambient meter, located in the instrument panel, changes color as an indicator of driving efficiency. Depending on the model, a blue or white color indicates less-efficient driving; as the driving technique becomes more efficient, the color shifts to green. The feedback system monitors driving style and displays how it affects fuel efficiency.

ECON Mode (Accord, Civic, Fit, CR-V, HR-V and Pilot)

ECON mode improves fuel efficiency by changing or limiting the operation of some energy-consuming operations. In addition, when ECON mode is engaged on hybrid vehicles, idle-stop operates more frequently and for longer periods of time, and regenerative braking is stronger.

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, 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-Adjusted 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 System

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.

Honda Satellite-Linked Navigation System with Voice Recognition

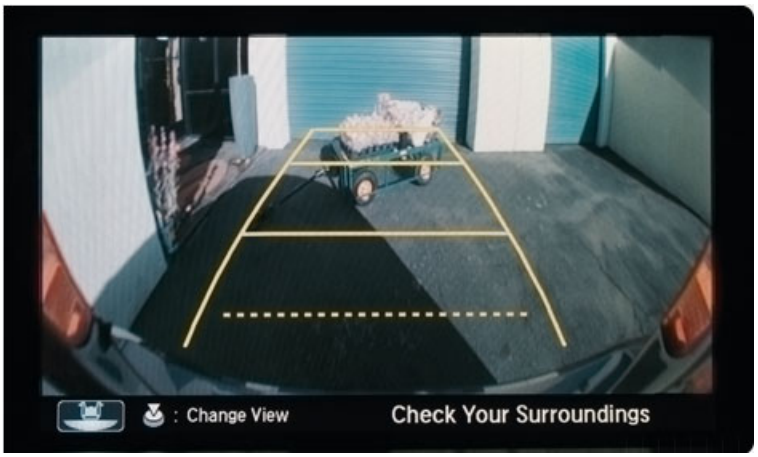
All Honda vehicles make available a Honda Satellite-Linked Navigation System™[2] with voice recognition. The systems provide coverage in all 50 states, as well as Canada and Puerto Rico.

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



Many Honda models fitted with the available Honda Satellite-Linked Navigation System™[3] with voice recognition also feature a rearview camera. Located near the rear license plate, it displays a full-color image of the area directly behind the vehicle via the navigation system display screen. This helps the driver to 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.

A rearview camera is also featured on several Honda models that are not equipped with the available Navi system. Although the camera and its mounting position are the same, these models without navigation display the rearview image on the intelligent Multi-Information Display or in the rearview mirror.

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® 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.

Short Message Service (SMS) Text Message Function

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
- 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.

- -

Pandora Compatibility

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 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.

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MP3/Auxiliary Input Jack

The auxiliary input jack lets customers hook up many personal audio devices, which can then be played through the vehicle's audio system. The input jack uses a standard headphone-jack plug. The volume of the input source can then be controlled through the audio system.

- -

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.

- -

HomeLink Remote System (Accord, Pilot, CR-V and Ridgeline)

Select models provide the convenience of the HomeLink®[10] remote system. Built into the overhead map-light module, this system can be easily programmed with up to three codes, such as for a garage-door opener, home-security system or security gates. See the owner's manual for more information about programming the system.

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Power Door Lock with Remote Entry

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 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.

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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.

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Advanced Compatibility Engineering (ACE) Body Structure (All Except Ridgeline)

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 next-generation 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.

- -

Dual-Stage, Multiple-Threshold Front Airbags

All Honda models are equipped with dual-stage, multiple-threshold front airbags. The dual-stage inflator allows the ECU to command the front airbags to inflate at different rates, depending on the severity of the collision and other factors. (The rate affects the force of the inflating bag.) The ECU determines which inflation rate to use based on inputs from the front-collision sensors, which measure the severity of the impact as well as other inputs and vehicle factors.

The advanced dual-stage, multiple-threshold front airbags use weight sensors in the front passenger's seat and a position sensor in the driver's seat. If the driver's seat is fully forward, the driver's airbag will likely deploy with the lesser force of the two settings. If the weight sensors in the front-passenger's seat detect weight less than about 65 pounds, the passenger's front airbag will be shut off and the passenger airbag-off indicator will illuminate. Objects should not be hung on, or placed under, the front-passenger seat, as this could affect the weight sensors.

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Front Side Airbags

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.

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).

Side Curtain Airbags

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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Vehicle Stability Assist (VSA) with Traction Control

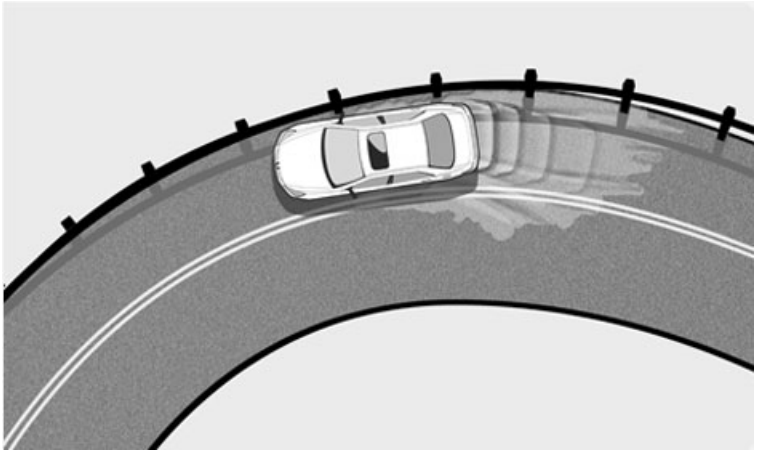
Every 2014 Honda model is equipped with Vehicle Stability Assist™ (VSA®)[11]. It combines the functions of the ABS together with traction control and side-slip control to improve driver control and steering stability when oversteering and understeering is detected. It also helps provide side-slip suppression, 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.

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.

Anti-Lock Braking System (ABS)



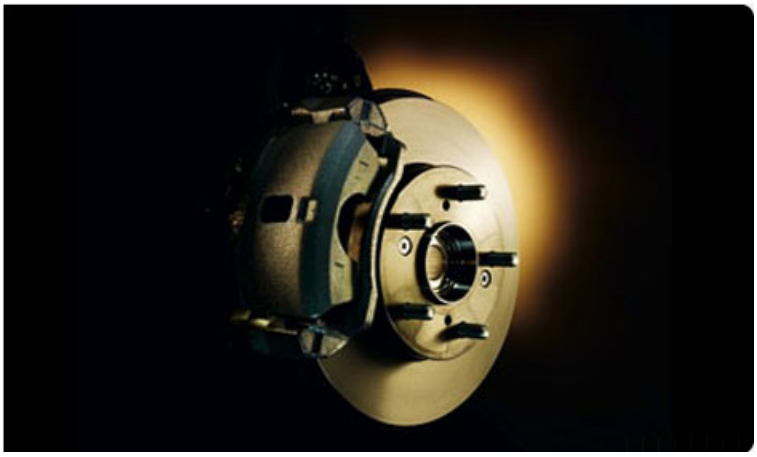
The ABS has been designed to help the driver retain steering control while braking. The system works by maintaining the wheels near their point of maximum traction during hard braking, which allows the driver to brake and steer at the same time without the brakes locking and the tires skidding. This 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.

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.

Electronic Brake Distribution (EBD)



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

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.[12] 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.

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

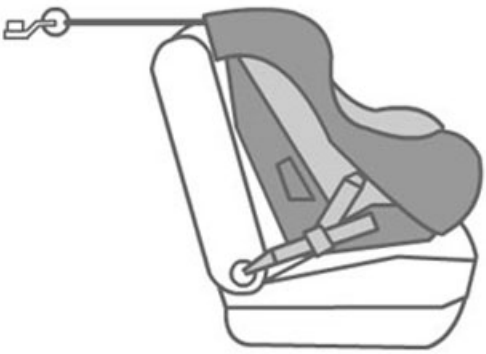
sensor in the front passenger's seat detects an occupant—and the occupant's seat belt isn't fastened as determined by that buckle's sensor—the warning indicator and chime will be activated as well.

Child Safety Features

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.

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[13] 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 should visually inspect the tires, check and adjust their pressure when cold to the appropriate specification.

Daytime Running Lights (DRL)

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. HomeLink and the HomeLink house are trademarks of Johnson Controls®.
11. VSA is not a substitute for safe driving. It cannot correct the vehicle's course in every situation or compensate for reckless driving. Control of the vehicle always remains with the driver.
12. Always use seat belts and appropriate child seats. Children 12 and under are safest when properly restrained in the rear seat.
13. For optimal tire wear and performance, tire pressure should be checked regularly with a gauge. Do not rely solely on the monitor system. Please see the owner's manual for details.