2017 Ridgeline Facts Guide

INTRODUCTION

The Honda Brand


HR-V


Accord Hybrid


HondaJet®

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 Sedan 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 other 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.

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Design Concept

When it comes to versatility, handling, ride comfort, practicality, style and quality, the all-new 2017 Honda Ridgeline sets the standard for pickup trucks. Designed to meet the changing needs of young families, it combines a roomy 4-door SUV-style interior with a unique lockable In-Bed Trunk®, a versatile pickup-truck cargo bed, true half-ton payload capacity and a 5,000-pound towing capacity (AWD models).[1] Compared to other trucks in its class, the Ridgeline offers the most passenger volume, a more refined ride and more enjoyable on-road dynamics. Plus, buyers who want an outstanding level of driving confidence can

enjoy the Honda Sensing™ suite of safety and driver-assistive features that comes standard on RTL-E and Black Edition models.

The Ridgeline meets the needs of Honda customers who are seeking a truck within the Honda family. It also helps reinforce Honda's truck image and creates synergy with other Honda products, such as motorcycles, all-terrain vehicles, marine engines and power equipment.

What's New

While carrying forward many of the exceptionally innovative ideas that debuted on the original generation, the 2017 Ridgeline is entirely new.

Major Feature Highlights + Available Trims

Ridgeline 2WD RT

Engineering

- 3.5-liter, 24-valve SOHC i-VTEC® V-6 engine with direct injection
- 280 horsepower @ 6000 rpm (SAE net)
- 262 lb-ft of torque @ 4700 rpm (SAE net)
- Intelligent Traction Management
- Variable Cylinder Management™ (VCM®)
- Active Control Engine Mount system (ACM)
- Active Noise Cancellation™ (ANC)
- Eco Assist™ system
- Drive-by-Wire throttle system
- LEV3-ULEV125 CARB emissions rating[2]
- 6-speed automatic transmission
- Hill start assist
- MacPherson strut front suspension
- Multi-link rear suspension
- Front and rear stabilizer bars
- Electric power-assisted rack-and-pinion steering (EPS)
- 18-inch alloy wheels
- P245/60 R18 105H all-season tires

Features

- Multi-reflector halogen headlights with auto-on/off
- Dual-action tailgate
- In-Bed Trunk®
- Integrated trailer hitch prewired for 7-pin connector
- Cargo bed lights
- Rear privacy glass
- Remote entry system
- Push button start
- Direct-ignition system with immobilizer
- Air conditioning with air-filtration system
- Power windows with auto-up/down driver's and front passenger's window
- Power side mirrors
- Power door locks
- Cruise control
- Driver's and front passenger's vanity mirrors
- Sunglasses holder
- Maintenance Minder™ system
- Multi-functional center console storage

Safety

- Advanced Compatibility Engineering™ (ACE™) body structure
- Vehicle Stability Assist™ (VSA®)[3] with traction control
- Multi-angle rearview camera with guidelines[4]
- 4-wheel disc brakes with ABS, Electronic Brake Distribution (EBD) and Brake Assist
- Daytime Running Lights (DRL)
- Tire Pressure Monitoring System (TPMS)[5] with Tire Fill Assist
- Advanced Front Airbags (i-SRS)
- SmartVent® front side airbags
- Side curtain airbags with rollover sensor
- 3-point seat belts at all seating positions
- Driver's and front passenger's seat-belt reminder
- Lower Anchors and Tethers for CHildren (LATCH) (2nd row: All)
- Child-seat tether anchors (2nd row: All)
- Head restraints at all seating positions

Ridgeline AWD RT

Adds to or replaces 2WD RT features:

- Intelligent Variable Torque Management™ (i-VTM4™) all-wheel-drive system
- Heavy-duty transmission cooler
- Integrated trailer hitch with 7-pin connector

Ridgeline 2WD RTS

Adds to or replaces 2WD RT features:

- 18-inch machine-finished alloy wheels
- Remote engine start
- Smart Entry system
- Fog lights
- Tri-zone automatic climate control with humidity
- Tilt and telescopic steering column
- 60/40 lift-up rear seat with underseat storage
- Beverage holders (front and rear)
- 200-watt audio system with 7 speakers, including subwoofer
- *Bluetooth*®[6] streaming audio
- *Bluetooth*®[6] HandsFreeLink®
- 5-inch color LCD screen
- USB Audio Interface[7] (1.0-amp in center console)
- Radio Data System (RDS)
- Speed-Sensitive Volume Control (SVC)
- MP3/Windows Media®[8] Audio (WMA) playback capability
- MP3/Auxiliary input jack
- Illuminated steering wheel-mounted controls
- Capless fuel filler
- Security system

control and air filtration
- HomeLink®[9] remote system
- Conversation mirror with sunglasses holder
- Body-colored power side mirrors
- Body-colored door handles

Ridgeline AWD RTS

Adds to or replaces 2WD RTS features:

- Intelligent Variable Torque Management (i-VTM4) all-wheel-drive system
- Heavy-duty transmission cooler
- Integrated trailer hitch with 7-pin connector

Ridgeline 2WD Sport

Adds to or replaces 2WD RTS features:

- 18-in gray-painted alloy wheels

Ridgeline AWD Sport

Adds to or replaces 2WD Sport features:

- Intelligent Variable Torque Management (i-VTM4) all-wheel-drive system
- Heavy-duty transmission cooler
- Integrated trailer hitch with 7-pin connector

Ridgeline 2WD RTL

Adds to or replaces 2WD RTS features:

- Driver's seat with 10-way power adjustment, including power lumbar support
- Leather-trimmed interior
- Heated front seats
- Front passenger's seat with 4-way power adjustment
- Leather-wrapped steering wheel
- Acoustic windshield

Ridgeline AWD RTL

Adds to or replaces 2WD RTL features:

- Intelligent Variable Torque Management (i-VTM4) all-wheel-drive system

- Heated body-colored power side mirrors
- Heavy-duty transmission cooler
- Integrated trailer hitch with 7-pin connector

Ridgeline 2WD RTL-T

Adds to or replaces 2WD RTL features:

- LED Daytime Running Lights (DRL)
- Multi-angle rearview camera with dynamic guidelines[4]
- Honda Satellite-Linked Navigation System[10] with voice recognition, Honda HD Digital Traffic and turn-by-turn directions
- Smart Entry system with Walk-Away Auto-Lock
- 225-watt audio system with 7 speakers, including subwoofer
- 8-inch Display Audio system with HondaLink®[11]
- Apple CarPlay™[12]/Android Auto™[13]
- 1 additional USB Audio Interface w/high-speed charging (2 total)
- Two 2nd-row USB ports (high-speed charging only)
- SiriusXM®[14] Radio
- HD Radio™[15]
- Pandora®[16] compatibility
- SMS text message function[17]
- Honda LaneWatch™[18]
- Illuminated driver's and front passenger's vanity mirrors
- Automatic-dimming rearview mirror
- Exterior temperature indicator
- Compass

Ridgeline AWD RTL-T

Adds to or replaces 2WD RTL-T:

- Intelligent Variable Torque Management (i-VTM4) all-wheel-drive system
- Heated body-colored power side mirrors
- Heavy-duty transmission cooler
- Integrated trailer hitch with 7-pin connector

Ridgeline RTL-E

Adds to or replaces AWD RTL-T:

- One-touch power moonroof with tilt feature
- Power sliding rear window
- Honda Sensing™ features:
  - Collision Mitigation Braking System™ (CMBS™)[19]
  - Forward Collision Warning (FCW)[20]
  - Lane Departure Warning (LDW)[21]
  - Road Departure Mitigation System (RDM) [22]
  - Adaptive Cruise Control (ACC) [23]
  - Lane Keeping Assist System (LKAS) [24]
- Auto high-beam headlights
- Blind spot information system (BSI) with cross traffic monitor
- LED headlights with auto-on/off (low-beam)
- Body-colored parking sensors (front/rear)
- Exclusive 18-inch machine-finished alloy wheels
- 150-watt/400-watt truck-bed power outlet
- 540-watt premium audio system with 8 speakers, including subwoofer
- Truck-bed audio system
- Heated leather-wrapped steering wheel
- Two-position memory for driver's seat and side mirrors
- Blue ambient LED lighting
- Chrome door handles
- Courtesy door lights (front row)
- Illuminated beverage holders (front)

Ridgeline Black Edition

Adds to or replaces RTL-E:

- Exclusive black-painted 18-inch alloy wheels
- Black chrome exterior accents
- Body-colored side mirrors, door handles and front skid plate
- Black leather trim with contrasting red stitching
- Red ambient LED lighting

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

Download a 2017 Ridgeline eBrochure.

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RT, RTS, Sport, RTL, RTL-T, RTL-E & Black Edition

Ridgeline Model Lineup

Model	Code No.
2WD RT	**YK2F2HEW**
AWD RT	**YK3F2HEW**
2WD RTS	**YK2F4HEW**
AWD RTS	**YK3F4HEW**
2WD Sport	**YK2F1HEW**
AWD Sport	**YK3F1HEW**
2WD RTL	**YK2F5HENW**
AWD RTL	**YK3F5HENW**
2WD RTL-T	**YK2F6HGNW**
AWD RTL-T	**YK3F6HGNW**
RTL-E	**YK3F7HKNW**
Black Edition	**YK3F8HKNW**

Color & Trim Guide

Exterior Colors	Interior Colors						
	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition

Crystal Black Pearl			Black Fabric	Black Leather	Black Leather	Black Leather	Black Leather
 Deep Scarlet Pearl		 Beige Fabric		 Beige Leather	 Beige Leather	 Beige Leather	
 Forest Mist Metallic				 Gray Leather	 Gray Leather	 Gray Leather	
 Lunar Silver Metallic	 Black Fabric	 Black Fabric		 Black Leather  Gray Leather	 Black Leather  Gray Leather	 Black Leather  Gray Leather	
 Modern Steel Metallic	 Black/Gray Fabric	 Black/Gray Fabric		 Black Leather  Gray Leather	 Black Leather  Gray Leather	 Black Leather  Gray Leather	
 Obsidian Blue Pearl		 Black/Gray Fabric		 Gray Leather	 Gray Leather	 Gray Leather	
 White Diamond Pearl		 Beige Fabric		 Black Leather  Beige Leather	 Black Leather  Beige Leather	 Black Leather  Beige Leather	

Awards, Accolades & Ratings

[[ACCOLADES]]

Ridgeline Key Selling Points

Safety Ridgeline's long list of safety features—including the ACE™ body structure, available Honda Sensing™ safety features, advanced airbag systems and VSA®[3]—provides confidence.

Efficiency With fuel-saving direct-injection and Variable Cylinder Management™ (VCM®) systems, a 6-speed automatic transmission and numerous other fuel-saving measures, the Ridgeline can help save big on operating costs—while its LEV3-ULEV125 CARB emissions rating[2] helps minimize its impact on the environment.

Performance A strong 280-hp i-VTEC® V-6, Intelligent Traction Management system and the nimble, fully independent suspension make the Ridgeline extremely fun to drive. And an available torque-vectoring intelligent Variable Torque Management (i-VTM4) all-wheel-drive system gives the Ridgeline exceptional capability to conquer a variety of road conditions—and even improves dry-pavement handling.

Versatility Featuring spacious and comfortable 5-passenger seating capacity, a 60/40 split lift-up rear seat with underseat storage, exclusive dual-action tailgate and In-Bed Trunk®, the Ridgeline offers versatile functionality other pickup trucks can only dream about.

Advanced Technology The Ridgeline is available with luxurious features like an 8-inch Display Audio system, Apple CarPlay™[12], Android Auto™[13], 540-watt premium audio, truck-bed audio system, HomeLink® remote system, automatic climate control and many other features.

1. 5,000 lbs. maximum towing capacity for AWD models; 3,500 lbs. for 2WD models. Towing requires accessory towing equipment. Please see your dealer for details.
2. LEV3-ULEV125 (Ultra-Low-Emission Vehicle) model as certified by the California Air Resources Board (CARB).
3. VSA is not a substitute for safe driving. It cannot correct the vehicle's course in every situation or compensate for reckless driving. Control of the vehicle always remains with the driver.
4. Always visually confirm that it is safe to drive before backing up; the rearview camera display does not provide complete information about all conditions and objects at the rear of your vehicle.
5. For optimal tire wear and performance, tire pressure should be checked regularly with a gauge. Do not rely solely on the monitor system. Please see the owner's manual 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. 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. Windows Media® is a trademark or registered trademark of Microsoft Corporation in the United States and/or other countries.
9. HomeLink® is a registered trademark of Gentex Corporation.
10. The Honda Satellite-Linked Navigation System™ is standard on RTL-T, RTL-E and Black Edition 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.
11. Check the HondaLink® website for smartphone compatibility and access to the Display Audio Interface.
12. Apple CarPlay is a trademark of Apple Inc.
13. Android and Android Auto are trademarks of Google Inc.
14. 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. ©2014 SiriusXM Radio Inc. Sirius, XM and all related marks and logos are trademarks of SiriusXM Radio Inc.
15. HD Radio is a proprietary trademark of iBiquity Digital Corporation.
16. Pandora, logo and trade dress are owned by Pandora Media, Inc., and used with permission. Compatible with select smart phones. See: www.pandora.com/everywhere/mobile. Wireless carrier's rates apply.
17. 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.
18. 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.
19. 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.
20. 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.

21. 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.
22. 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.
23. 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.
24. 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.

MARKET POSITION & DEMOGRAPHICS

Market Position

Light trucks comprise a large part of the North American vehicle market, accounting for about 9.49 million vehicles sold in 2015. The midsize-truck segment to which the Honda Ridgeline belongs is predicted to see steady sales over the next few years. And the Ridgeline's unique feature set and appeal to a broad range of buyers should help establish it as a significant player in the category.

Ridgeline Buyers

Ridgeline buyers tend to be young, successful males who are looking for a truck that combines their life-stage needs for a family vehicle with their lifestyle wants for a vehicle that suits their active recreational pursuits, such as motorcycling, mountain biking and boating. They view SUVs as mainstream family haulers—possessing too much refinement and luxury—and not capable of handling "dirty" cargo, such as mulch and lumber. At the same time, these customers regard conventional pickup trucks as "work trucks" whose regular-cab and extended-cab bodystyles are not optimized for family use, have limited passenger capacity, are too large for daily commuting and have limited cargo capacity.

The Ridgeline appeals to buyers who want a fusion of their everyday work life with their family responsibilities and recreational interests. It offers them the SUV's advantages of a full-size interior, secure storage and refined ride dynamics, along with the horsepower, medium off-road capability, medium-duty towing capability[1] and cargo-carrying versatility of a pickup truck.

Buyer Demographics at a Glance

Ridgeline	Target Customer
Gender	**Male**
Age	**55**
Education	**College-educated**
Household income (HHI)	**$104,000**
Status	**Married professional, suburban lifestyle**

1. 5,000 lbs. maximum towing capacity for AWD models; 3,500 lbs. for 2WD models. Towing requires accessory towing equipment. Please see your dealer for details.

EXTERIOR

Smooth Lines, Rugged Style

Adapting a more truck-like profile for 2017, the new Ridgeline combines smooth, aerodynamic sculpting with bold design elements. The signature Honda truck grille flows into piercing multi-reflector headlights on most trims—and high-tech LED headlights on the RTL-E and Black Edition. RTS and above trims feature fog lights, while LED Daytime Running Lights (DRL) adorn RTL-T and higher models. LED taillights give the rear view a sophisticated look on every Ridgeline trim. And along its flanks, every Ridgeline trim displays handsome 18-inch alloy wheels.

Rigid Body Construction

FEATURE: The Honda Ridgeline looks different from every other truck on the road because it is different. Other trucks have a separate cab and bed set on a flexible ladder-type frame. The Ridgeline instead uses an advanced one-piece unit-body cab and bed, with an integrated frame. In addition, approximately 45% of the body and frame uses special high-strength and ultra-high-strength steel that adds rigidity without undue weight.

The Ridgeline's rigid new 3-bone platform helps give it the strength to haul up to 1,588 pounds of total payload, or tow up to 5,000 pounds (AWD models).[1]

Ridgeline's unit-body construction makes it stronger and more rigid than conventional body-on-frame designs.

> ***BENEFIT:*** Thanks to its unique construction, the Ridgeline provides greater ride comfort with less noise and fewer squeaks and rattles. It handles more precisely, for improved driving enjoyment.

Smart Entry and Push Button Start

FEATURE: Ridgeline RTS and above models feature the Smart Entry system with Walk-Away Auto-Lock, and every 2017 Ridgeline comes 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, and then get out, shut the door and just walk away—the doors will automatically lock when all doors have been closed (if enabled)—all without ever touching a key. Likewise, the driver can open the In-Bed Trunk® by just using the release—it only requires that the driver has the key fob within 32 inches of the vehicle.

The Walk-Away Auto-Lock feature is enabled via the Settings menu. From the Display Audio home screen, select Settings, Vehicle Settings, Keyless Access Setup, Walk-Away Auto-Lock and then Enable.

BENEFIT: Ridgeline's Smart Entry with Walk-Away Auto-Lock and push button start make it exceptionally easy and convenient to unlock, drive and relock the vehicle

Remote Engine Start (RTS and above)

FEATURE: Imagine being able to start your Ridgeline 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 feature on Ridgeline RTS and above trims. It works when you're within about 65 yards of the vehicle. Just push the button on the remote—the starter will fire up the engine, and the automatic climate control system will begin conditioning the interior to a temperature of 72º F. On days when it's below 40º F outside, it will even engage the heated seats and steering wheel, if equipped, to prepare for your entry.

BENEFIT: Ridgeline's remote engine-start feature raises the comfort and convenience of this vehicle to a new plateau.

One-Touch Power Moonroof (RTL-E and Black Edition)

FEATURE: The power moonroof with tilt feature on the RTL-E and Black Edition includes one-touch control for both opening and closing, 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.

BENEFIT: Occupants can enjoy the open sky and fresh air with great ease.

Wheels and Tires

Large 245/60 R18 all-season tires on 18-inch wheels give the Ridgeline excellent all-weather traction without compromising ride or handling qualities.

Pickup Bed

Customers are attracted to pickup trucks over SUVs because they have an open bed that gives them the ability to haul "dirty" loads, such as mulch, building and landscaping materials and recreational vehicles, like motorcycles or ATVs. Ridgeline's bed provides unmatched flexibility, capability and durability. Its 64-inch length is among the best of crew-cab trucks, while its 49-inch width between the minimal wheel arches allows 4-foot-wide sheets of building material to be laid flat. Fully boxed ultra-high-strength steel crossmembers under the bed allow it to have an ample load capability.

The Ridgeline bed features the kind of versatility customers have come to expect from Honda. Eight tie-down cleats have a 350-pound load capacity each and are located throughout the bed. Every trim features cargo-bed lights—with LED illumination on the RTL-E and Black Edition. A covered pocket in the side lining of the bed provides small-item storage—and houses the truck-bed power outlet on RTL-E and Black Edition trims. This innovative feature provides 150 watts for exceptional tailgating versatility; with the engine running, output can increase to 400 watts for high-energy functionality. And the rugged composite material that forms the bed floor is UV-stable to resist fading and is less likely to show scratches, as the color runs throughout the material.

Innovative In-Bed Trunk®

FEATURE: A unique feature of the Honda Ridgeline is its 7.3-cubic-foot lockable In-Bed Trunk. The opening is expansive and can easily accommodate large items such as golf bags, or even an 82-quart cooler.[2] A special lip on the lid channels water around the edge of the trunk opening. The trunk is made out of the same durable composite material as the bed and features two molded-in bag hooks, as well as guides that allow for the installation of dividers. A drain plug is also located in the floor of the trunk to drain any spilled liquids or accumulated water from wet items, such as a cooler or swimsuits. An emergency release is also built into the underside of the lid. For valet parking, the driver can deactivate the trunk lock with a switch inside the glove compartment.

Another innovative feature of the Ridgeline's trunk is its spare-tire storage area. The compact spare tire is securely housed in the forward part of the trunk and is easily accessed via a sliding tray. The spare tire can also be bolted to an alternate storage location on the bed wall, which is useful when the bed is loaded and the

trunk's storage location would be inaccessible—or when securing a full-size flat tire on the way to the dealership or tire facility.

BENEFIT: This signature feature unique to Ridgeline gives owners additional secure storage for greater versatility and peace of mind

Dual-Action Tailgate

FEATURE: The Honda Ridgeline's dual-action tailgate can either be lowered, like a conventional tailgate, or it can be swung open like a door, allowing easy access to the bed contents or the In-Bed Trunk. A stop at the 30-degree-open position allows bed access in tight spaces, for example, when parallel-parked.

The dual-action tailgate's 300-pound dynamic-load capacity means that it can safely support the weight of large loads, such as a motorcycle and ATV.[1] A special gutter under the tailgate prevents bulk items such as sand or gravel from jamming the mechanism and preventing the tailgate from closing. The tailgate is also designed to work with Honda's accessory bed extender.

BENEFIT: This ingenious tailgate design makes for great convenience and functionality for owners.

Capless Fuel Filler

The Ridgeline's capless fuel filler 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 service-station filler nozzle, such as a portable container or gas can, a special funnel—supplied with the vehicle—must be used. Use of a non-standard filler could damage the fuel system. The funnel is stored in the spare-tire tool case inside the In-Bed Trunk.

Rain-Sensing Windshield Wipers (RTL-E and Black Edition)

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 Ridgeline is going through a car wash; otherwise, the wipers could be damaged.

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LED Headlights with Auto High-Beam (RTL-E and Black Edition)

Compared to conventional bulbs, the LED headlights on the Ridgeline RTL-E and Black Edition send a longer, wider beam ahead of the vehicle to illuminate the darkness. In addition, they come with yet another advanced feature: auto high-beam. 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 Ridgeline. When another vehicle is detected, the high beams are automatically switched to low beams.

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1. 5,000 lbs. maximum towing capacity for AWD models; 3,500 lbs. for 2WD models. Towing requires accessory towing equipment. Please see your dealer for details.
2. 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.

INTERIOR

Family-Oriented Cabin

Families will appreciate the numerous advantages of the Ridgeline's attractive interior. Capable of seating five adults in comfort, it is the roomiest midsize truck available. It's also highly functional, durable and easy to maintain. RTL and above models have a 10-way power driver's seat, including power lumbar adjustment. RTL-E and Black Edition add a two-position memory system for added convenience. And large seatback pockets provide additional storage for rear-seat passengers (RTS and above).

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Multi-Functional Center-Console Storage

A large multi-functional center console with a built-in sliding lid is located between the front seats. With the lid closed, the console provides a large deck for placing a bag of burgers and fries. Sliding the lid back exposes a handy, movable tray that will hold small items, such as a wallet, keys or cellular phone. Beneath it is a large storage area that will accommodate larger items like flashlights, tools and even tablet computers.

Tri-Zone Automatic Climate Control System (RTS and above)

FEATURE: The Ridgeline's automatic climate control system provides excellent cool-down and heat-up times. RTS and above models include a tri-zone system with three independent zones for driver, front passenger and rear passengers. In each zone there are controls that can be used to select mode and fan speed.

Also in cluded on the climate control system is a feature that automatically monitors cabin humidity and adjusts accordingly—it can even help prevent the windshield from fogging. The system includes a partial recirculation air intake, which provides fresh air while maintaining the selected temperature. This reduces the amount of time the A/C compressor and condenser fan operate.

BENEFIT: **In addition to adding considerable comfort, the Ridgeline's climate-control system even helps improve fuel efficiency.**

Power Sliding Rear Window (RTL-E and Black Edition)

While most 2017 Ridgeline trims come with a one-piece rear window, a power sliding rear window is standard equipment on RTL-E and Black Edition. The window opens and closes at the push of a button in the overhead console, letting passengers enjoy fresh air without turbulence and excessive wind noise.

Heated Steering Wheel (RTL-E and Black Edition)

Select Ridgeline trims are equipped with a standard heated steering wheel. Drivers in colder climates can experience the luxury of gripping a warm steering wheel. The control for turning it on and off is located by the *Bluetooth*®[1] HandsFreeLink buttons. In addition, the heating elements will be activated when the remote engine-start feature is used on days when the ambient temperature is below 40º F.

Instrument Panel

A decidedly high-tech feel emerges from the Ridgeline's instrument panel upon startup. A large digital speedometer occupies the upper center for quick, easy reading. The left side displays an analog tachometer to monitor engine speeds. On the right, gauges keep track of engine temperature and fuel level. Honda's Eco Assist™ ambient meter appears on the outer arcs of each side, shifting from white to green as more fuel-efficient driving techniques are used. And a big, full-color Multi-Information Display (MID) in the middle grants access to a variety of features and their operation. Using the steering wheel-mounted controls, drivers can check the status of various systems and customize a range of settings. It's an easy and engaging way for drivers to get the most out of their Ridgeline's many beneficial features.

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Tire Pressure Monitoring System (TPMS) with Tire Fill Assist

FEATURE: Every Ridgeline now can inform drivers which tire has low air pressure via the TPMS[2] readout in the MID. It displays the pressure reading for each tire. It's when a tire needs filling that this new system will put a big smile on the faces of every Ridgeline owner. When the tire is being pumped up, the vehicle will automatically signal that the appropriate pressure has been achieved by chirping the horn and flashing the parking lights.

*Pilot shown for demonstration purposes.

BENEFIT: **The TPMS with Fill Assist on Ridgeline makes it significantly more convenient to maintain the proper tire pressure, enhancing safe and fuel-efficient operation while helping to maximize tire life.**

- -

Honda LaneWatch™ (RTL-T)

FEATURE: The Honda LaneWatch[3] display is featured on the Ridgeline RTL-T. It uses a camera located below the passenger-side mirror to display an expanded rear view of the passenger-side roadway through the Display Audio screen. The image appears when the right-turn signal is activated or a button on the end of the turn-signal stalk is pushed.

The normal field of view for a passenger-side mirror is approximately 18 to 22 degrees. However, the Honda LaneWatch display field of view is about four times greater—around 80 degrees. This is enough to allow drivers to see more than two complete lanes to the right rear—up to 164 feet. The system enables the driver to see traffic, as well as objects or pedestrians, that might otherwise be in the vehicle's blind spot.

BENEFIT: **Honda LaneWatch adds confidence and convenience when driving on roads with multiple lanes of traffic.**

- -

Blind Spot Information (BSI) System (RTL-E and Black Edition)

FEATURE: Select Ridgeline trims include an innovative and useful blind spot information (BSI)[4] system. Unlike Honda LaneWatch™, this system provides coverage on both sides of the vehicle. 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 at the base of the A-pillars alerts the driver if a vehicle is detected. If BSI detects an object in the vehicle'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[3]. 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 (RTL-E and Black Edition)

FEATURE: Ridgeline RTL-E and Black Edition feature a Cross Traffic Monitor.[5] It's designed to detect vehicles approaching from the side when the Ridgeline is backing out of a parking space or driveway and alert the driver. The system is designed to detect approaching vehicles when they're within about 82 feet of the Ridgeline. An audible alert will sound, and visual indicators will appear in the rearview-camera display showing the direction from which the detected vehicle is approaching.

*Pilot shown for demonstration purposes.

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

Adaptive Cruise Control (ACC) (Honda Sensing™ models)

FEATURE: ACC[6] is standard on RTL-E and Black Edition. As with a conventional cruise-control system, Adaptive Cruise Control (ACC)[6] allows the driver to set a desired speed. But ACC goes a step further, allowing the driver to also set the following interval behind a vehicle detected ahead. ACC is a feature of the Honda Sensing suite of active driver-assistive technologies.

*CR-V shown for demonstration purposes.

While driving, engagement of Adaptive Cruise Control prompts the driver to select an extra long, long, middle or short interval behind the vehicle detected ahead. ACC then modulates the throttle and applies moderate braking, if necessary, to hold the selected following interval.

BENEFIT: **Adaptive Cruise Control (ACC) simplifies driving and helps reduce driver fatigue by automatically controlling the interval behind the vehicle detected ahead.**

- -

Lane Keeping Assist System (LKAS) (Honda Sensing™ models)

*CR-V shown for demonstration purposes.

FEATURE: LKAS[7] is standard on the RTL-E and Black Edition. It is designed to assist the driver in maintaining proper lane position. The system, a part of the Honda Sensing suite of active driver-assistive technologies, uses a windshield-mounted camera to detect 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 d eviating from the center of a detected lane without a turn signal activated, 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. LKAS may not detect all lane markings; accuracy will vary based on weather, speed and road condition. System operation is affected by extreme interior heat. The driver remains responsible for safely operating the vehicle and avoiding collisions.

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

- -

Display Audio with HondaLink® (RTL-T and above)

*Pilot shown for demonstration purposes.

FEATURE: Select Ridgeline trims feature the 8-inch Display Audio with an electrostatic touch-screen. It allows interaction with the vehicle's audio system as well as with select HondaLink®[8] apps—some of which are now embedded within the system. This system features Apple CarPlay™[9] and Android Auto™[10], allowing drivers to easily access their smartphone apps through the Display Audio. They simply need to plug their phones into the USB Audio Interface to get connected. Here's an informational video showing how it's done.

And Display Audio with the Honda Satellite-Linked Navigation System™[11], also standard on RTL-T and above 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 sliding for

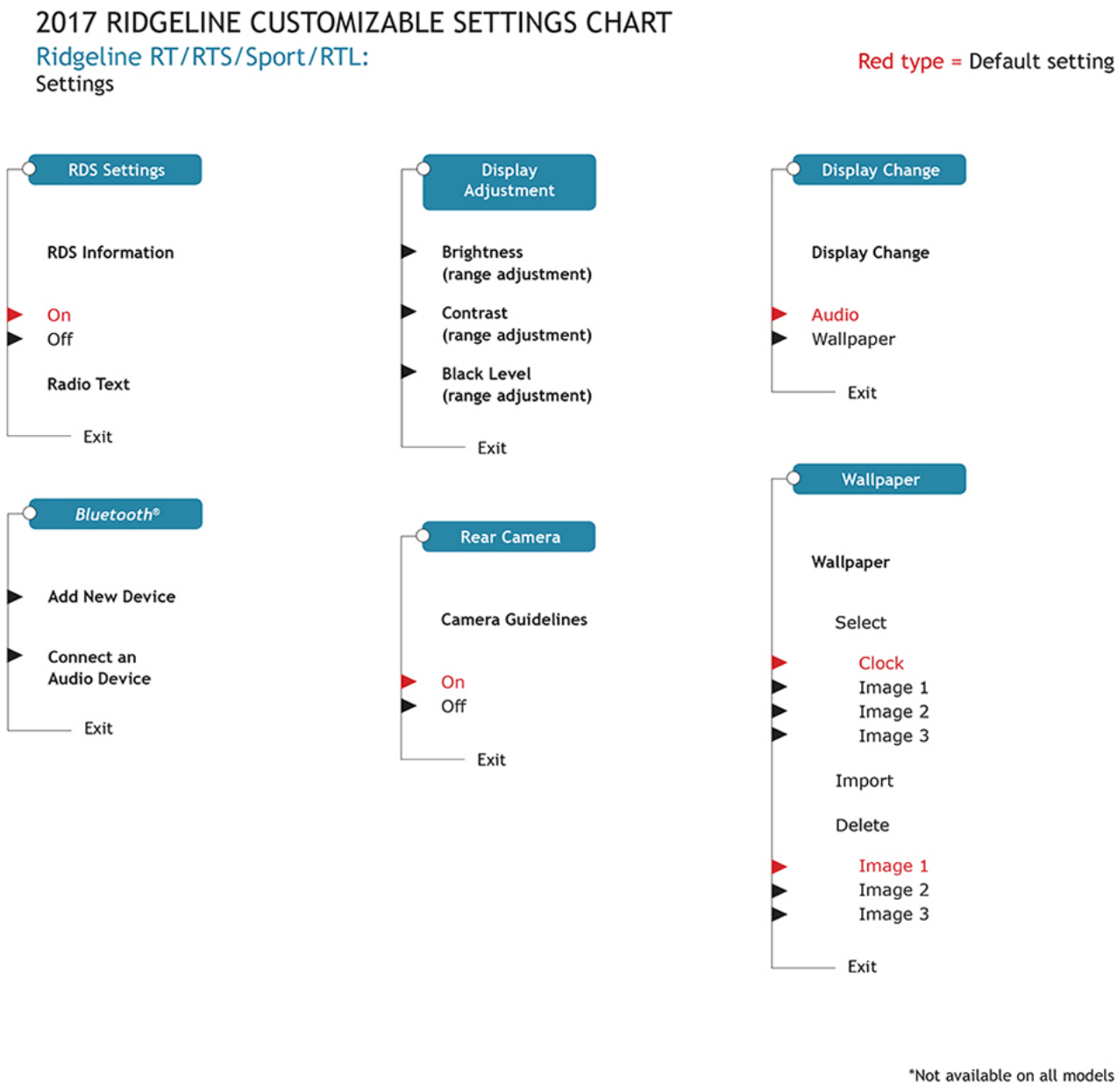
volume control.

See the Owner's Manual for more information on Display Audio. And here's a PDF of the mobile device ports available on the Ridgeline.

BENEFIT: **The Display Audio enables users to engage their audio system and Web content on a large, engaging and easy-to-use interface.**

- -

Customizable Settings

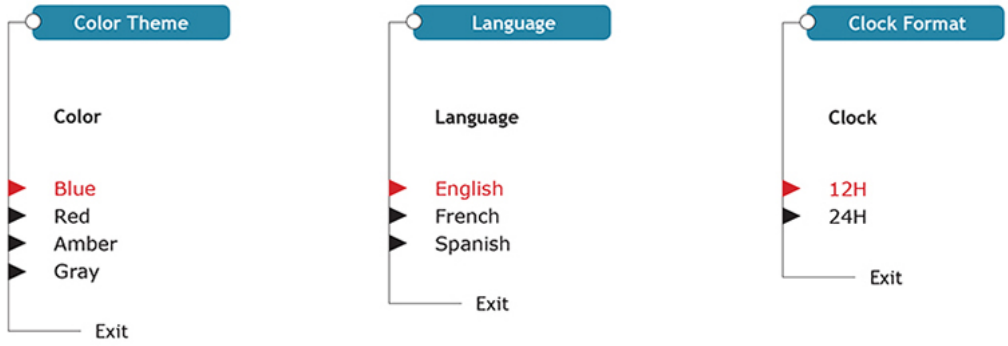


2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RT/RTS/Sport/RTL:

Settings (cont.)

Red type = Default setting



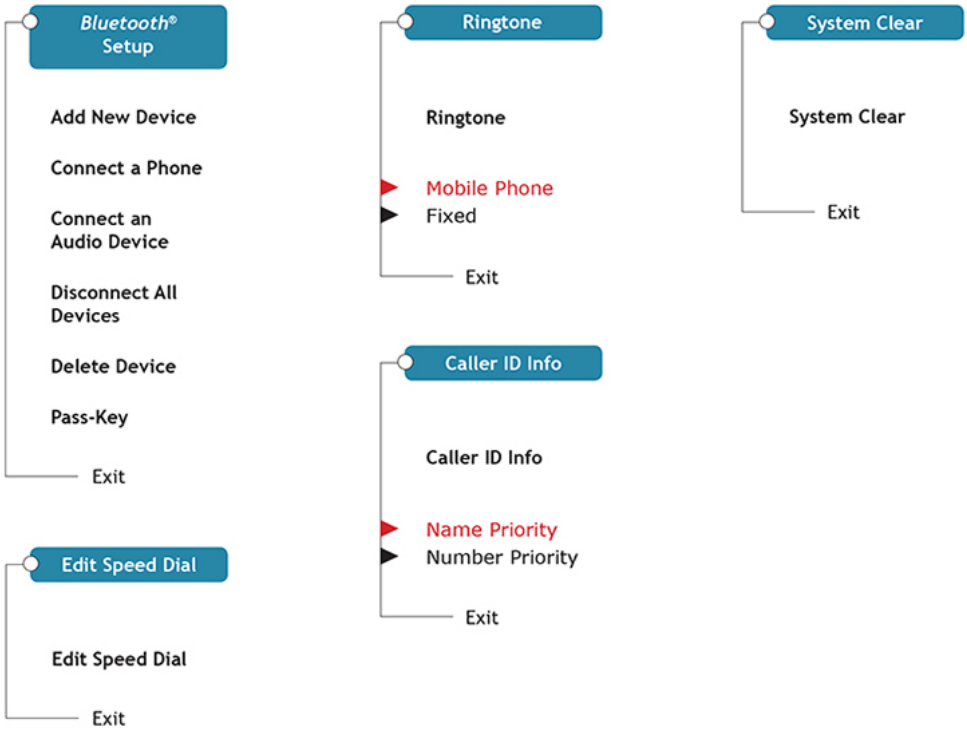
*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RT/RTS/Sport/RTL:

Phone Setup

Red type = Default setting



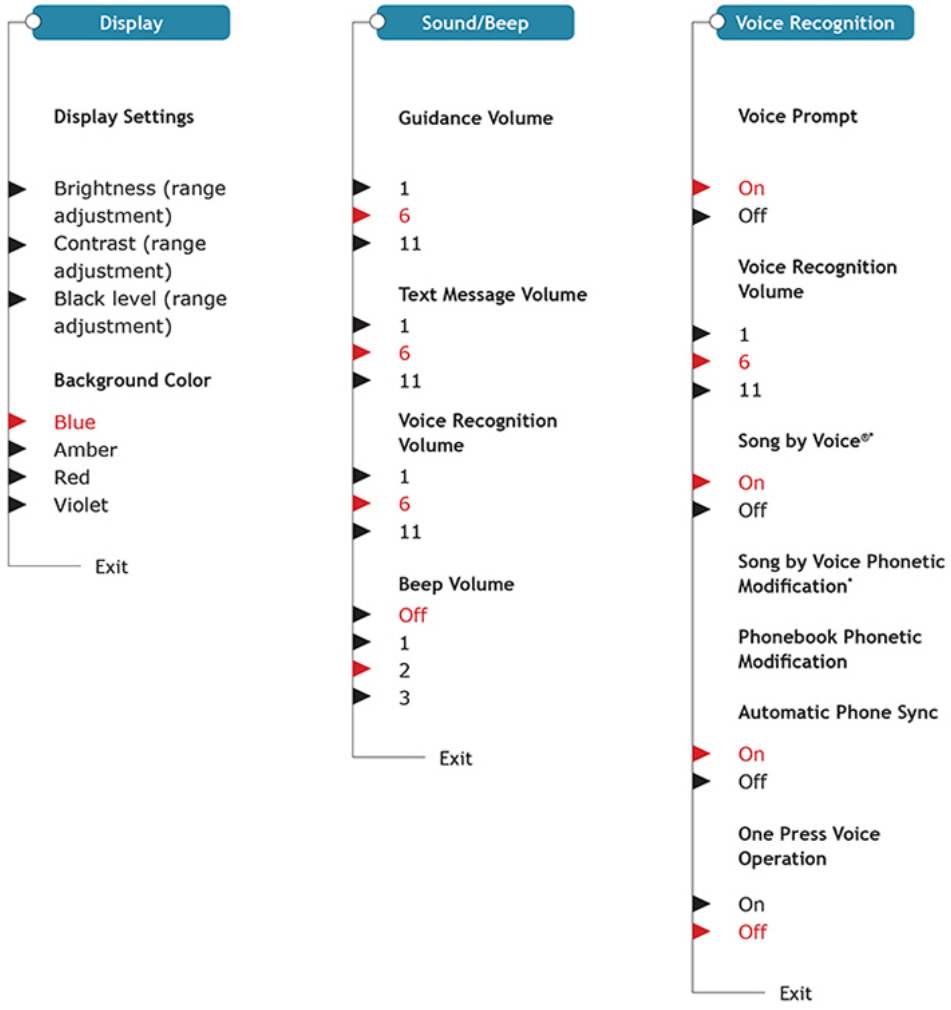
*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RTL-T and above:

System

Red type = Default setting



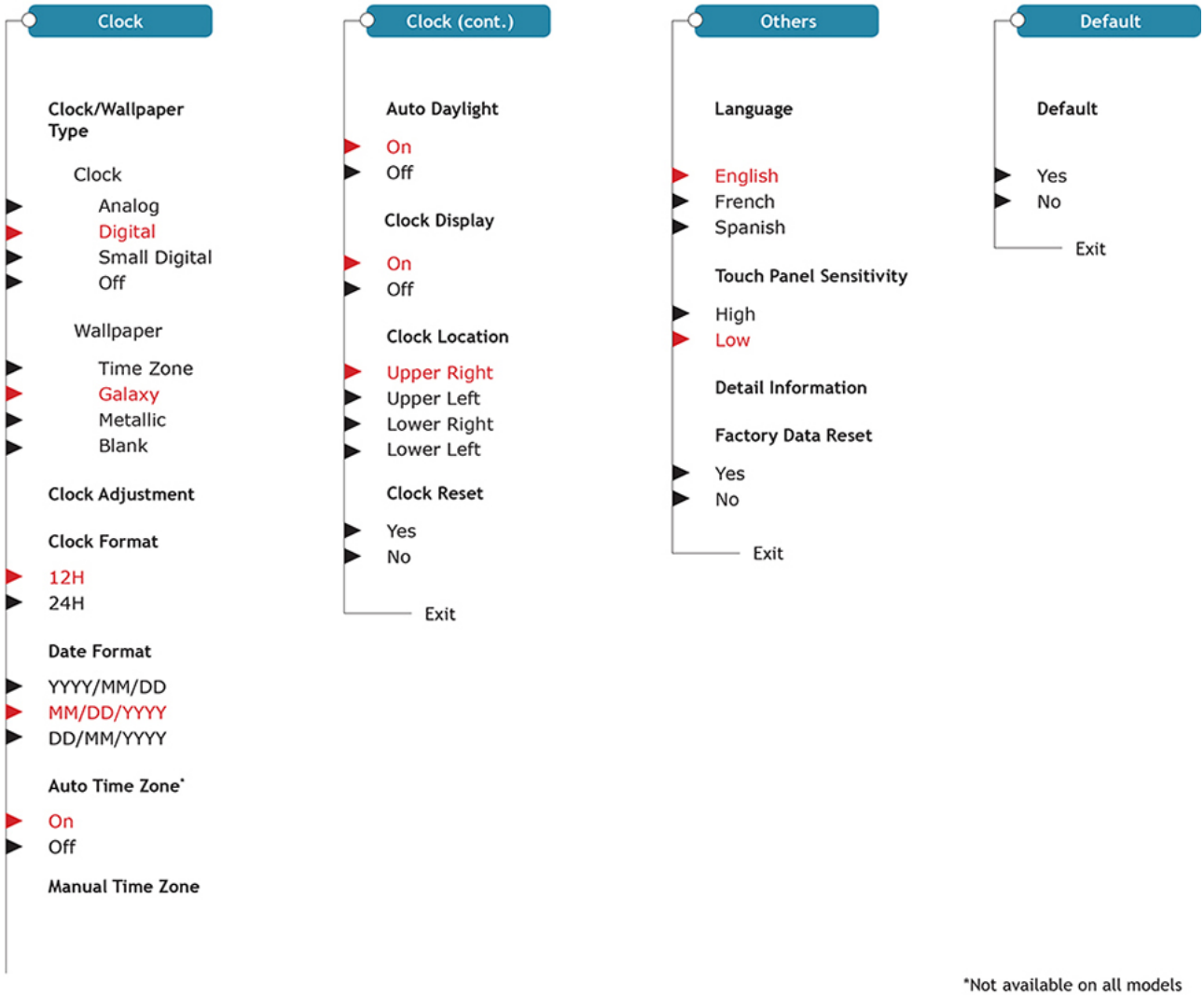
*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RTL-T and above:

System (cont.)

Red type = Default setting



*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RTL-T and above:

Vehicle

Red type = Default setting

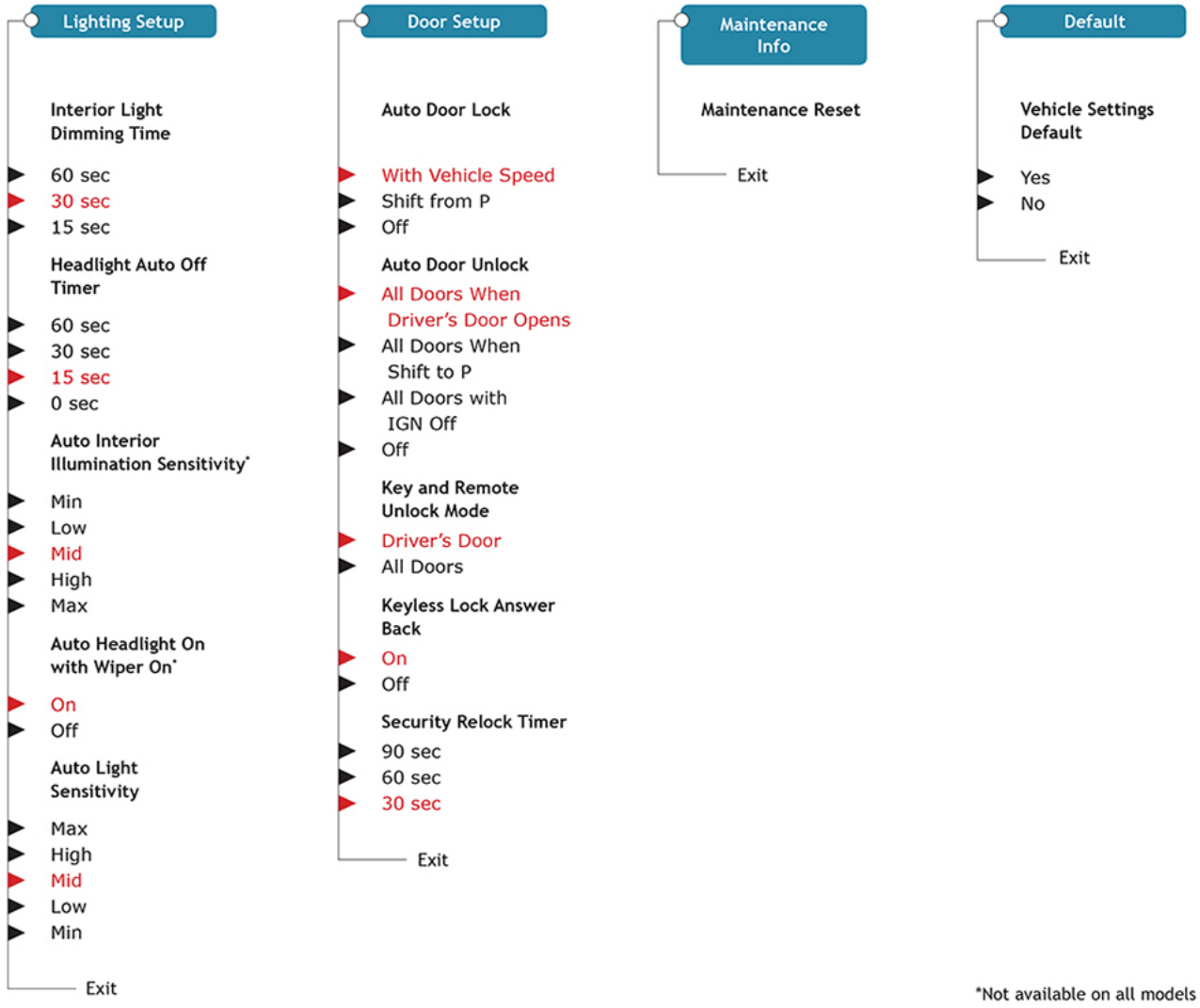
*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RTL-T and above:

Vehicle (cont.)

Red type = Default setting



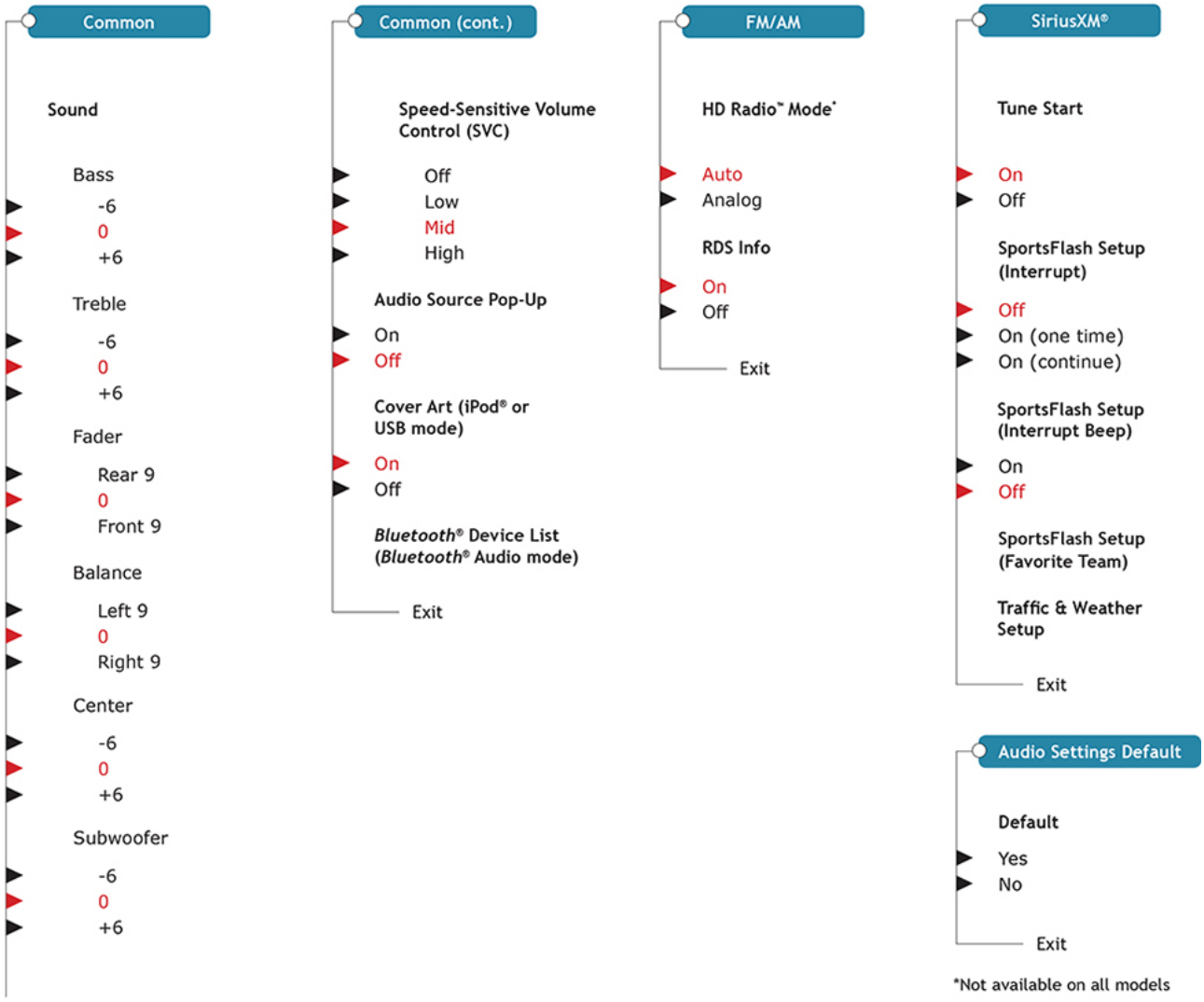
*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RTL-T and above:

Audio

Red type = Default setting



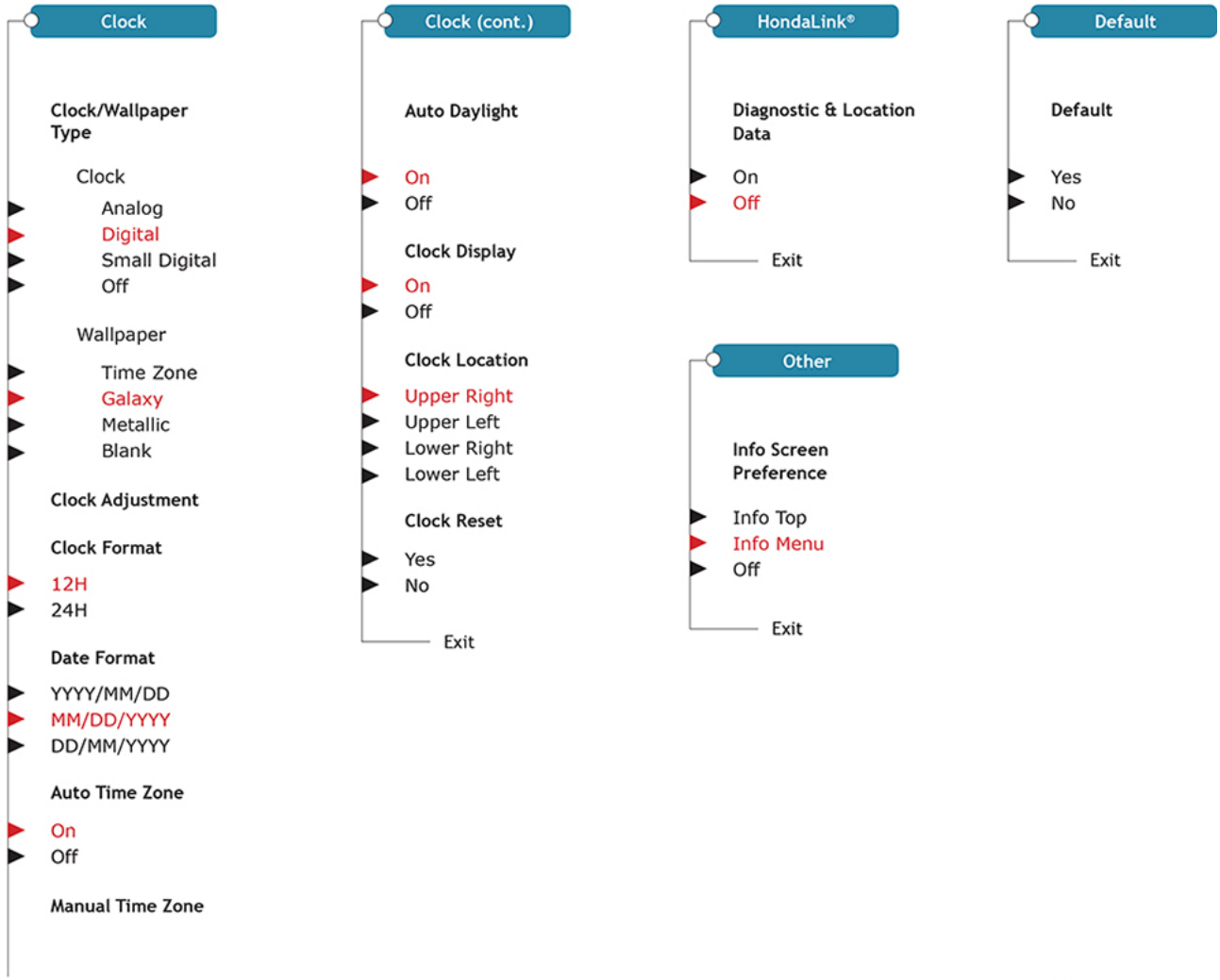
*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RTL-T and above:

Clock/Info

Red type = Default setting



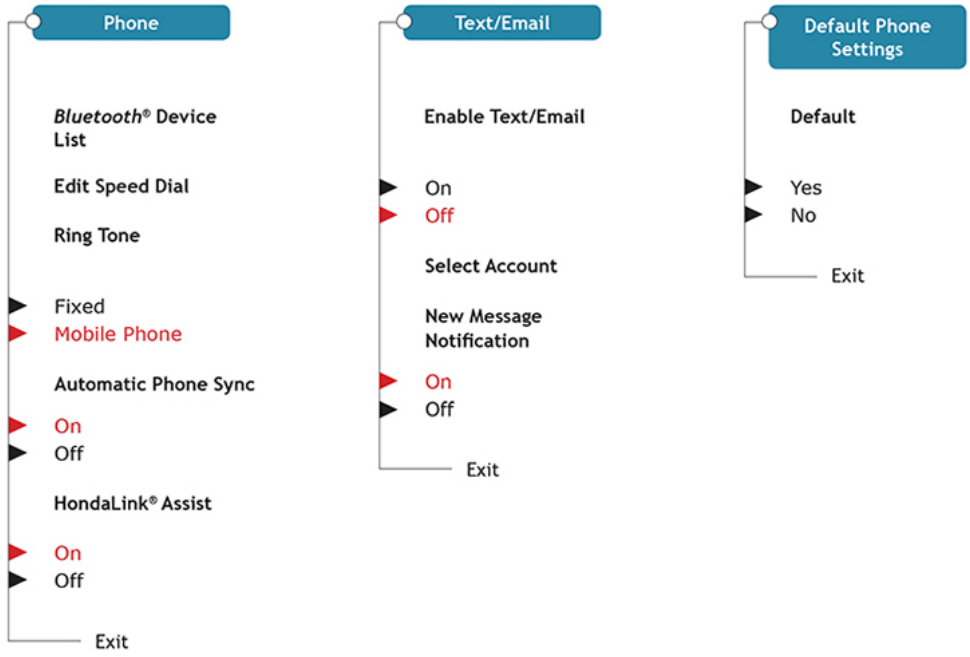
*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RTL-T and above:

Phone

Red type = Default setting



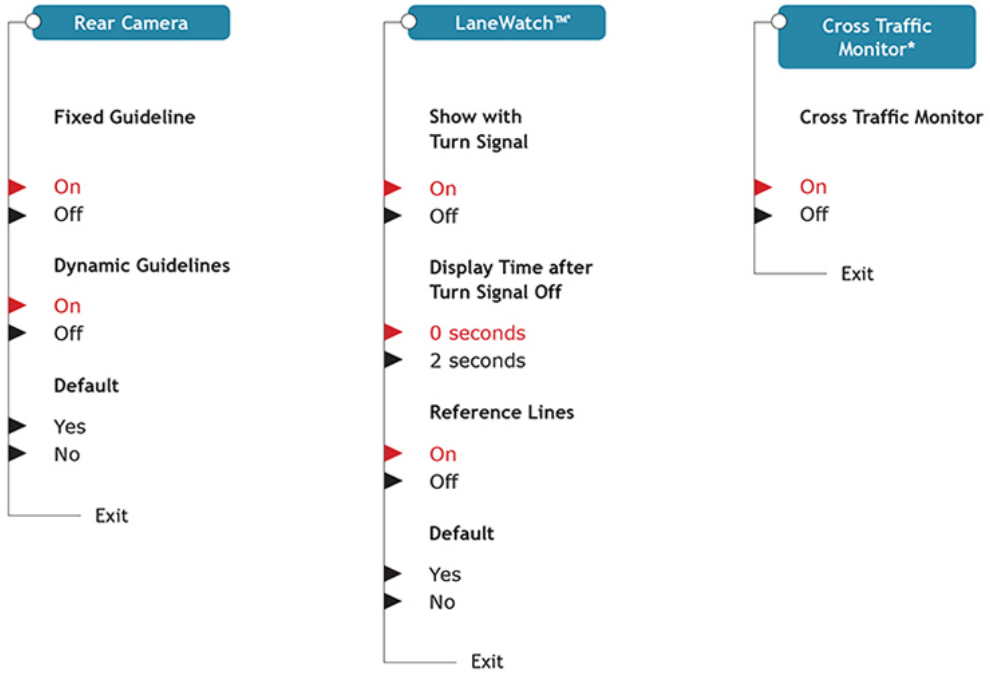
*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RTL-T and above:

Camera

Red type = Default setting



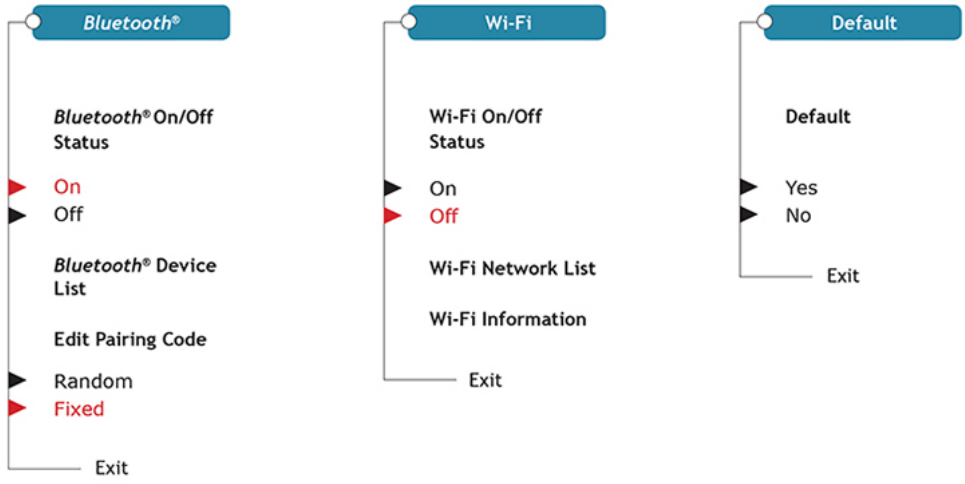
*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RTL-T and above:

Bluetooth®/Wi-Fi Settings

Red type = Default setting



*Not available on all models

2017 RIDGELINE CUSTOMIZABLE SETTINGS CHART

Ridgeline RTL-T and above:

Smartphone

Red type = Default setting

*Not available on all models

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Audio System

The standard audio system in Ridgeline RT, RTS, Sport and RTL trims features a 200-watt, 7-speaker system, including subwoofer, and is operated via a 5-inch color LCD interface. The system in RTL-T models increases the output with a 225-watt amplifier, and is operated with the 8-inch Display Audio touch-screen. And Ridgeline RTL-E and Black Edition trims rock the road with a 540-watt system pushing sound through 8 speakers.

All systems include an MP3/auxiliary input jack located inside the center console for any portable music device with a line output. Along with a 12-volt outlet, a USB Audio Interface[12] is located in there as well, rated at 1.0 amps. Ridgeline RTL-T and higher trims also get an additional 1.5-amp USB charging port in the center stack. Plus, RLT-T and above models have a pair of 2.5-amp USB ports to provide high-speed charging for connected devices at the back of the console for rear-seat occupants.

All models have audio controls mounted on the steering wheel, so drivers can adjust the audio system without taking their hands from the wheel.

Ridgeline RTL-T and above models feature SiriusXM® Radio[13], meaning that all the necessary components are included and customers need only to subscribe once the trial period expires.

Ridgeline Audio and Connectivity Specs

Ridgeline Model	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
Watts	**200**	**200**	**200**	**200**	**225**	**540**	**540**
Speakers	**7**	**7**	**7**	**7**	**7**	**8**	**8**
Pandora®[14] Compatibility					•	•	•
SMS Text Message Function[15]					•	•	•
SiriusXM®[1] Radio[13]					•	•	•
HD Radio™[16]					•	•	•
***Bluetooth*®[1] HandsFreeLink®**	•	•	•	•	•	•	•
***Bluetooth*®[1] Streaming Audio**	•	•	•	•	•	•	•
USB Audio Interface[12]	**1 (1.0A)**	**1 (1.0A)**	**1 (1.0A)**	**1 (1.0A)**	**1 (1.0A) 1 (1.5A)**	**1 (1.0A) 1 (1.5A)**	**1 (1.0A) 1 (1.5A)**
MP3/Auxiliary Input Jack	•	•	•	•	•	•	•
MP3/WMA Capability	•	•	•	•	•	•	•
Radio Data System (RDS)	•	•	•	•	•	•	•
Speed-Sensitive Volume Control	•	•	•	•	•	•	•

Multi-Functional Rear Cabin

Roomy and functional, the Ridgeline's rear cabin area was designed to provide customers with a level of spaciousness, versatility and functionality that can't be found on any competing vehicle. Able to comfortably seat three adults, with plenty of legroom, hiproom and headroom, it features wide seat cushions and angled seatbacks that provide more comfort on long trips than

the upright seatbacks found in other trucks. All seating positions have head restraints and 3-point seat belts.

Heating and air-conditioning vents at the rear of the center console let rear-seat passengers adjust the direction and flow of air to their liking. The fold-down center armrest has two beverage holders, and additional beverage holders are built into the door armrests.

The 60/40 split rear-seat cushions quickly and easily fold up with release handles at each side's outboard edge, creating a large storage space with a flat floor and an easy-to-clean floor mat. The rear-seat area's ample width makes it possible to carry large items, such as bicycles or a 50-inch flat-screen TV.

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1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
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. Check the HondaLink® website for smartphone compatibility and access to the Display Audio Interface.
9. Apple CarPlay is a trademark of Apple Inc.
10. Android and Android Auto are trademarks of Google Inc.
11. The Honda Satellite-Linked Navigation System™ is standard on RTL-T, RTL-E and Black Edition 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.
12. 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.
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. ©2014 SiriusXM Radio Inc. Sirius, XM and all related marks and logos are trademarks of SiriusXM Radio Inc.
14. Pandora, logo and trade dress are owned by Pandora Media, Inc., and used with permission. Compatible with select smart phones. See: www.pandora.com/everywhere/mobile. Wireless carrier's rates apply.
15. 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.
16. HD Radio is a proprietary trademark of iBiquity Digital Corporation.

EPA MILEAGE RATINGS

2017 Ridgeline

EPA MILEAGE RATINGS[1]/FUEL	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
6-speed Automatic Transmission (2WD; City/Highway/Combined)	**19/26/22**	**19/26/22**	**19/26/22**	**19/26/22**	**19/26/22**	**—**	**—**
6-speed Automatic Transmission (AWD; City/Highway/Combined)	**18/25/21**	**18/25/21**	**18/25/21**	**18/25/21**	**18/25/21**	**18/25/21**	**18/25/21**
Fuel (gal)	**19.5**	**19.5**	**19.5**	**19.5**	**19.5**	**19.5**	**19.5**
Required Fuel	**Regular Unleaded**	**Regular Unleaded**	**Regular Unleaded**	**Regular Unleaded**	**Regular Unleaded**	**Regular Unleaded**	**Regular Unleaded**

1. Based on 2017 EPA mileage ratings. Use for comparison purposes only. Your mileage will vary depending on how you drive and maintain your vehicle, driving conditions, and other factors.

ENGINEERING

3.5-Liter, i-VTEC® V-6 Engine with Variable Cylinder Management™ (VCM®) and Direct Injection

The 2017 Ridgeline is powered by Honda's first direct-injection V-6—a 3.5-liter, aluminum-alloy, single-overhead camshaft, 24-valve i-VTEC engine featuring Honda's advanced Variable Cylinder Management™ (VCM®) system. Horsepower is rated at 280 @ 6000 rpm (SAE net), and torque is an impressive 262 lb-ft @ 4700 rpm (SAE net). The engine has several notable features:

- Numerous friction-reduction techniques, chassis and aerodynamic features, and a highly efficient 6-speed automatic transmission help the Ridgeline receive the highest EPA fuel-economy ratings[1] in the class.
- Direct injection enhances both efficiency and power output by delivering the fuel mixture right where it's used—and by cooling the piston crown so a higher compression ratio can be used.
- The engine's 60-degree V-angle helps minimize vibration, while its aluminum-alloy cylinder block and heads save weight, which improves both acceleration and fuel efficiency.
- By using a single overhead camshaft in each cylinder head and a serpentine accessory drive belt, the engine

is made more compact, leaving more room for other components.

- Additional packaging efficiency is realized by incorporating the exhaust manifold into the cylinder-head casting, and the use of close-coupled exhaust catalysts just downstream from each exhaust manifold.

6-Speed Automatic Transmission

FEATURE: All Ridgeline models receive the smooth and efficient 6-speed automatic transmission that is featured on most Pilot models. This transmission is compact, has a wide ratio spread for powerful acceleration, and delivers excellent shift quality, while also allowing the Ridgeline to receive excellent fuel-economy ratings[1]

BENEFIT: **The Ridgeline's 6-speed automatic helps provide comfortably smooth shifting and strong, satisfying acceleration while also allowing Ridgeline to receive outstanding fuel-economy ratings.[1]**

Intelligent Variable Torque Management™ (i-VTM4™) All-Wheel-Drive System

FEATURE: Ridgeline drivers can take advantage of an outstanding available all-wheel-drive system with a variety of outstanding design features:

- It comprises a single housing at the rear axle, featuring a lightweight, cast-alloy casing.
- The system allows variable front-to-rear distribution of engine torque to direct power to those wheels with traction.
- It offers a highly sophisticated level of performance, thanks to a pair of electro-hydraulically actuated clutch packs, one to drive each rear wheel.
- The clutches can be engaged separately, allowing variable amounts of torque to be sent to each rear wheel independently and responding precisely to traction needs at the rear wheels to enhance stability and propulsion in ice and snow.
- The system can even enhance dry-weather handling performance by sending additional torque to the outside rear wheel when turning, helping the Ridgeline carve through corners with a much more natural, confidence-inspiring feeling.

BENEFIT: **The i-VTM4 system is a proactive all-wheel-drive design that enhances confidence in almost any weather condition—and makes handling more enjoyable even on dry pavement.**

Intelligent Traction Management

FEATURE: The 2017 Ridgeline benefits from a high-tech feature to help maintain traction in a variety of conditions.

- The system was engineered at the Honda R&D facility in Ohio and tested worldwide—from the sands of Dubai and Moscow mud to the snows of Minnesota.
- It works with the Drive-by-Wire throttle, the VSA system, the transmission shift map and—on i-VTM4 models—the all-wheel-drive system to provide the optimum power for the surface friction available.
- Drivers of Ridgeline two-wheel-drive models can select between Normal and Snow modes; Ridgeline AWD models add Mud and Sand modes as well.
- To change modes, drivers press the Intelligent Traction Management button behind the shifter; the button is labeled SNOW on 2WD models, and has a vehicle-profile icon on AWD models.
- On the first push, the MID will display the modes available. Subsequent pushes will cycle through the available modes.
- When the desired mode is highlighted, it will be engaged after a 3-second interval. The selected mode will remain engaged until a new one is selected, or the ignition is shut off.
- The system will default to Normal mode upon restart.

BENEFIT: **Intelligent Traction Management helps enable Ridgeline drivers to maintain traction, stability and driving confidence in a wide variety of conditions—with the ease of just pushing a button.**

Truck-Tough 4-Wheel Independent Suspension

FEATURE: Point out to customers who express concerns about the system's strength and long-term durability that the Ridgeline's steering, suspension and brakes have all been built to handle the greater stresses that trucks encounter when towing, hauling loads and operating off-road. Heavy-duty springs and shock absorbers provide a stable, secure ride without harshness, whether fully loaded or empty. Reinforced frame members, heavy-duty axles and bearings and oversized suspension arms all ensure exceptional strength and durability.

Unlike trucks with live-axle suspensions, each of the Ridgeline's wheels operates independently of the others and also has lower unsprung weight. Plus, the compact dimensions of Ridgeline's unique rear suspension enable it to feature the In-Bed Trunk® as well as an exceptionally wide, flat-bed floor.

BENEFIT: **Combined with its remarkably rigid unit-body construction, Ridgeline's 4-wheel independent suspension helps provide a level of ride comfort, confidence-inspiring stability and fun-to-drive handling precision unknown to the rest of the truck world.**

Towing Capacity

The new Ridgeline comes standard with an integrated trailer hitch and, on AWD models, a standard 7-pin connector. All models are outfitted with a high-capacity radiator and dual high-power fans. AWD models feature a standard heavy-duty transmission cooler. So the Ridgeline's towing capabilities are impressive when properly equipped.[2]

Maximum towing capacity for 2WD models is 3,500 pounds.[2] Maximum towing capacity for the AWD models is 5,000 pounds.[2] Premium unleaded fuel is recommended when towing more than 3,500 pounds. Refer to the owner's manual for additional towing information.

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Pickup Truck 101

What You Need to Know to Talk to Customers About the Honda Ridgeline

Pickup trucks like the Honda Ridgeline are different from automobiles, minivans and even SUVs. This guide will acquaint you with important facts about pickup trucks that you and your customers should know.

Electric Trailer Brakes A separate electrically actuated braking system for the trailer. Honda recommends that trailers over 1,000 pounds have their own brakes. The Ridgeline comes pre-wired for an electric trailer brake module.

Regular Cab Pickup A standard two-door cab with single bench seat or pair of bucket seats and no rear seat of any kind. It only seats two or three occupants.

Extended-Cab Pickup Extended-cab pickups have a small rear seat or jump seats to hold additional passengers for short trips. Some extended-cab trucks have one or two rear-hinged half doors that permit easier access to the rear seat.

Four-Door Cab Also called a Crew Cab or Double Cab, it has a full rear seat and four conventional, front-hinged doors. The Ridgeline is a four-door-cab pickup truck.

Curb Weight The weight of the unloaded pickup as it sits, ready to roll, with fluids and essential equipment, but no cargo or passengers.

Gross Vehicle Weight Rating (GVWR) Gross vehicle weight rating (GVWR) is the maximum allowable weight of the entire vehicle, including all equipment, fuel, cargo, tongue load, driver and passengers. The GVWR is not to be exceeded. Ridgeline 2WD models have a GVWR of 5,710 pounds, and Ridgeline AWD models have a GVWR of 6,019 pounds.

Payload Capacity Also called "load limit," it is the actual amount (in pounds) that the truck can carry, including cargo, passengers and fuel. The total payload capacity of the Ridgeline ranges from 1,451 pounds to 1,584 pounds, depending on trim level. These weights are important because overloading the vehicle can affect handling and stability.

Gross Combined Weight Rating The maximum allowable weight (in pounds) of the fully loaded vehicle and trailer.

Rated Capacity Each size of pickup truck has a different rated capacity that indicates its basic duty level: half-ton, three-quarter ton or one-ton. These figures aren't exact, so you should really go by the pickup's actual payload capacity. The Ridgeline is considered a half-ton pickup truck.

Towing Capacity The maximum figure in pounds that the truck can tow (5,000 pounds for the AWD trims,

3,500 pounds for 2WD models[2]). Many factors influence towing capacity, including the engine type, transmission, tires, brakes and passenger and cargo load. For example, the 2WD Ridgeline RTL-T can tow a boat and trailer with a combined weight of 3,250 pounds and a maximum tongue load of 420 pounds, and still accommodate four occupants (with an estimated total weight, including personal items, of 692 pounds). And the AWD Ridgeline RTL-E can tow a boat and trailer with a combined weight of 4,750 pounds and a maximum tongue load of 600 pounds, and still accommodate four occupants (with an estimated total weight, including personal items, of 721 pounds).

Total Trailer Weight The weight of the trailer (usually quoted by the manufacturer) and everything on it.

Tongue Load The load that the tongue of a fully loaded trailer puts on the hitch. It should not exceed 15% of the total trailer weight. Too much tongue load reduces front-tire traction and steering control. Too little tongue load can make the trailer unstable and cause it to sway.

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1. 19 city/26 highway/22 combined mpg rating for 2WD models. 18 city/25 highway/21 combined mpg rating for AWD 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.
2. 5,000 lbs. maximum towing capacity for AWD models; 3,500 lbs. for 2WD models. Towing requires accessory towing equipment. Please see your dealer for details.

SAFETY

Ridgeline Safety

In an effort to provide enhanced protection for its vehicle occupants, Honda has embraced a comprehensive approach to vehicle safety, which seeks to provide top-level occupant protection inside all of our cars and trucks—regardless of size or price. The Ridgeline's engineers have designed the vehicle to perform at a high level of safety. All 2017 Ridgelines are targeted to achieve a 5-Star *Overall Vehicle Score* from the National Highway Traffic Safety Administration (NHTSA), and models equipped with Honda Sensing™ are expected to receive a 2016 *TOP SAFETY PICK+* rating from the Insurance Institute for Highway Safety (IIHS).

Every Ridgeline model comes with the following standard features that help provide safety performance:

- Advanced Compatibility Engineering™ (ACE™) body structure
- Advanced Front Airbags (i-SRS)
- SmartVent® front side airbags
- Side curtain airbags with rollover sensor
- Multi-angle rearview camera with guidelines[1]
- 4-wheel disc brakes with anti-lock braking system (ABS), Electronic Brake Distribution (EBD) and Brake Assist
- Vehicle Stability Assist™ (VSA®)[2] with traction control
- Three-point seat belts at all seating positions
- Lower Anchors and Tethers for CHildren (LATCH) for all three rear seating positions
- Driver's and front passenger's seat-belt reminder
- Tire Pressure Monitoring System (TPMS)[3] with Tire Fill Assist

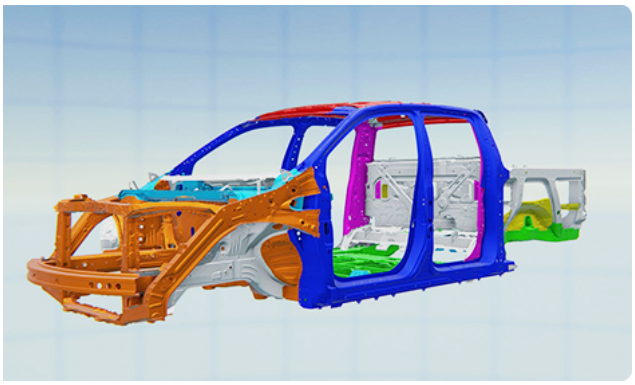
- Daytime Running Lights (DRL)

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 comes standard on RTL-E and Black Edition trims; they are the only Ridgeline models on which Honda Sensing is available. The suite comprises these features:

- Safety features:
  - Collision Mitigation Braking System™ (CMBS™)[4]
  - Forward Collision Warning (FCW)[5]
  - Lane Departure Warning (LDW)[6]
  - Road Departure Mitigation System (RDM)[7]
- Driver-assistive features:
  - Adaptive Cruise Control[8]
  - Lane Keeping Assist System (LKAS)[9]

Advanced Compatibility Engineering™ (ACE™) Body Structure



The Ridgeline features Honda's signature achievement in frontal crash-energy management—the ACE body structure. In a frontal collision, ACE enhances occupant protection and crash compatibility. The ACE design utilizes a network of connected structural elements to distribute frontal crash energy more evenly throughout 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. Plus, this latest design enhances the Ridgeline's performance in the stringent small overlap frontal test conducted by the Insurance Institute for Highway Safety (IIHS).

Advanced Airbag System

The Ridgeline is equipped with advanced front airbags (i-SRS). Front airbags are designed to supplement the seat belts to help reduce the likelihood of head and upper-body injuries to the driver and front passenger in frontal crashes.

SmartVent® Front Side Airbags

Front side airbags are standard on all Ridgeline 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. If an occupant is in the side airbag deployment path, the airbag is designed to vent before fully inflating, thereby decreasing the likelihood of an airbag-related injury.

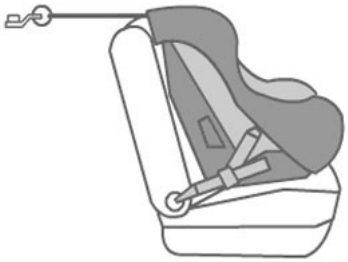
Side Curtain Airbags with Rollover Sensor

Ridgeline also provides standard side curtain airbags for both rows of seats. In addition to the protection they offer Ridgeline's outboard-seated occupants in the event of a side impact, these side curtain airbags are fitted with a sensor to help provide protection in a rollover. Most side curtain airbags in this class are designed to provide side-impact protection, but many still do not provide rollover protection.

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

To help increase seat-belt usage (which provides the primary protection in all passenger vehicles), a driver's and front passenger's seat-belt reminder has been incorporated into the instrument cluster. After the vehicle is started, a weight sensor detects whether the passenger seat is occupied. If the driver or front passenger has not already fastened their seat belt, an icon in the cluster illuminates and a chime sounds as a reminder.

Child Safety Features



All Ridgeline models are equipped with a child seat-mounting system called LATCH (Lower Anchors and Tethers for CHildren) in all three second-row seating positions. The LATCH system provides two lower anchors and an upper tether anchor. When used with a compatible child seat, the LATCH system provides attachment points between the child seat and the vehicle seat. All seat belts except the driver's are equipped with a locking retractor that can be used to help secure any child seat. Both rear side doors are also equipped with child door locks for added protection.

Collision Mitigation Braking System™ (CMBS™) (Honda Sensing™ models)

CR-V shown for demonstration purposes.

The Collision Mitigation Braking System (CMBS)[4] is one of the most sophisticated safety systems available. It incorporates the features of the Forward Collision

Warning (FCW)[5] system. A part of the Honda Sensing™ suite of active safety and driver-assistive technologies, CMBS is designed to alert drivers of a potential collision via visual and audible alerts and help the driver take corrective actions. The system can even apply the brakes to help reduce the forces of a collision if the system determines one to be unavoidable.

The system is designed to perform in three stages:

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

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

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

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

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Lane Departure Warning (LDW) (Honda Sensing™ models)

Lane Departure Warning (LDW)[6] is a feature included in the Honda Sensing suite of active safety and driver-assistive technologies. Incorporated into the Road Departure Mitigation System (RDM)[7], 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) (Honda Sensing™ models)

Pilot shown for demonstration purposes.

The Road Departure Mitigation System (RDM) employs the windshield-mounted camera also used by LDW to identify the side of the road, including painted lane lines, Botts' Dots and cat's eye markers. When the system detects that the vehicle is about to leave the

road, it alerts the driver with an MID warning message. The system is designed to then use the Electric Power Steering system (EPS) to guide the vehicle back into its detected lane and the VSA system’s braking capability to slow the vehicle as it starts to depart the roadway.

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1. 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.
2. VSA is not a substitute for safe driving. It cannot correct the vehicle’s course in every situation or compensate for reckless driving. Control of the vehicle always remains with the driver.
3. 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.
4. CMBS cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. System operation affected by extreme interior heat. System designed to mitigate crash forces. Driver remains responsible for safely operating vehicle and avoiding collisions.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.

2017 RIDGELINE SPECIFICATIONS & FEATURES

2017 Ridgeline Features & Specifications

ENGINEERING	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black
Engine Type	**V6**	**V6**	**V6**	**V6**	**V6**	**V6**	**V6**
Engine Block/Cylinder Head	**Aluminum-Alloy**	**Aluminum-Alloy**	**Aluminum-Alloy**	**Aluminum-Alloy**	**Aluminum-Alloy**	**Aluminum-Alloy**	**Alumi**
Displacement	**3471 cc**	**3471 cc**	**3471 cc**	**3471 cc**	**3471 cc**	**3471 cc**	**3471**
Horsepower (SAE net)	**280 @ 6000 rpm**	**280 @ 6000 rpm**	**280 @ 6000 rpm**	**280 @ 6000 rpm**	**280 @ 6000 rpm**	**280 @ 6000 rpm**	**280 @**

Torque (SAE net)	**262 lb-ft @ 4700 rpm**	**262 lb-ft @ 4700 rpm**	**262 lb-ft @ 4700 rpm**	**262 lb-ft @ 4700 rpm**	**262 lb-ft @ 4700 rpm**	**262 lb-ft @ 4700 rpm**	**262 lb rpm**
Redline	**6800 rpm**	**6800 rpm**	**6800 rpm**	**6800 rpm**	**6800 rpm**	**6800 rpm**	**6800**
Bore and Stroke	**89 mm x 93 mm**	**89 mm x 93 mm**	**89 mm x 93 mm**	**89 mm x 93 mm**	**89 mm x 93 mm**	**89 mm x 93 mm**	**89 mm**
Compression Ratio	**11.5:1**	**11.5:1**	**11.5:1**	**11.5:1**	**11.5:1**	**11.5:1**	**11.5:1**
Valve Train	**24-Valve SOHC i-VTEC®**	**24-Valve SOHC i-VTEC®**	**24-Valve SOHC i-VTEC®**	**24-Valve SOHC i-VTEC®**	**24-Valve SOHC i-VTEC®**	**24-Valve SOHC i-VTEC®**	**24-Va VTEC®**
Direct Fuel Injection	•	•	•	•	•	•	•
Drive-by-Wire Throttle System	•	•	•	•	•	•	•
Eco Assist™ System	•	•	•	•	•	•	•
Variable Cylinder Management™ (VCM®)	•	•	•	•	•	•	•
Active Control Engine Mount System (ACM)	•	•	•	•	•	•	•
Active Noise Cancellation™ (ANC)	•	•	•	•	•	•	•
Hill Start Assist	•	•	•	•	•	•	•
Direct Ignition System with Immobilizer	•	•	•	•	•	•	•
100K +/- Miles No Scheduled Tune-Ups[1]	•	•	•	•	•	•	•
Intelligent Variable Torque Management™ (i-VTM4™) AWD System	**Available**	**Available**	**Available**	**Available**	**Available**	•	•
CARB Emissions Rating[2]	**LEV3-ULEV125**	**LEV3-ULEV125**	**LEV3-ULEV125**	**LEV3-ULEV125**	**LEV3-ULEV125**	**LEV3-ULEV125**	**LEV3-**

Remote Engine Start		•	•	•	•	•	•
Intelligent Traction Management	**Snow (2WD) Snow/Sand/Mud (AWD)**	**Snow (2WD) Snow/Sand/Mud (AWD)**	**Snow (2WD) Snow/Sand/Mud (AWD)**	**Snow (2WD) Snow/Sand/Mud (AWD)**	**Snow (2WD) Snow/Sand/Mud (AWD)**	**Snow/Sand/Mud**	**Snow/**
High-Capacity Radiator with High-Power Fans (2)	•	•	•	•	•	•	•

TRANSMISSIONS	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
6-Speed Automatic Transmission (6AT) Gear Ratios: 1st: 3.359, 2nd: 2.095, 3rd: 1.485, 4th: 1.065, 5th: 0.754 6th: 0.556, Reverse: 2.269, Final Drive: 4.25	•	•	•	•	•	•	•
Heavy-Duty Transmission Cooler	**Available**	**Available**	**Available**	**Available**	**Available**	•	•

BODY/SUSPENSION/CHASSIS	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
Unit-Body Construction	•	•	•	•	•	•	•
MacPherson Strut Front Suspension	•	•	•	•	•	•	•
Multi-Link Rear Suspension	•	•	•	•	•	•	•
Electric Power-Assisted Rack-and-Pinion Steering (EPS)	•	•	•	•	•	•	•
Stabilizer Bar (front)	**25.0 mm (solid)**	**25.0 mm (solid)**	**25.0 mm (solid)**	**25.0 mm (solid)**	**25.0 mm (solid)**	**25.0 mm (solid)**	**25.0 mm (solid)**
Stabilizer Bar (2WD/AWD, rear)	**25.4 mm (tubular) / 26.5 mm**	**25.4 mm (tubular) / 26.5 mm**	**25.4 mm (tubular) / 26.5 mm**	**25.4 mm (tubular) / 26.5 mm**	**25.4 mm (tubular) / 26.5 mm**	**25.4 mm (tubular) / 26.5 mm**	**25.4 mm (tubular) / 26.5 mm**

	(tubular)	(tubular)	(tubular)	(tubular)	(tubular)	(tubular)	(tubular)
Steering Wheel Turns, Lock-to-Lock	3.04	3.04	3.04	3.04	3.04	3.04	3.04
Steering Ratio	15.59:1	15.59:1	15.59:1	15.59:1	15.59:1	15.59:1	15.59:1
Turning Diameter, Curb-to-Curb (ft)	44.4 ft	44.4 ft	44.4 ft	44.4 ft	44.4 ft	44.4 ft	44.4 ft
Power-Assisted Ventilated Front Disc/Solid Rear Disc Brakes	12.6 in / 13.0 in	12.6 in / 13.0 in	12.6 in / 13.0 in	12.6 in / 13.0 in	12.6 in / 13.0 in	12.6 in / 13.0 in	12.6 in / 13.0 in
Wheels	18 in Silver-Painted Alloy	18 in Machine-Finished Alloy	18 in Gray-Painted Alloy	18 in Machine-Finished Alloy	Exclusive 18 in Machine-Finished Alloy	Exclusive 18 in Machine-Finished Alloy	Exclusive 18 in Black-Painted Alloy
All-Season Tires	245 / 60 R18 105H	245 / 60 R18 105H	245 / 60 R18 105H	245 / 60 R18 105H	245 / 60 R18 105H	245 / 60 R18 105H	245 / 60 R18 105H
Compact Spare Tire	T165/90 R17 105M	T165/90 R17 105M	T165/90 R17 105M	T165/90 R17 105M	T165/90 R17 105M	T165/90 R17 105M	T165/90 R17 105M

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EXTERIOR MEASUREMENTS	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
Wheelbase	125.2 in	125.2 in	125.2 in	125.2 in	125.2 in	125.2 in	125.2 in
Length	210.0 in	210.0 in	210.0 in	210.0 in	210.0 in	210.0 in	210.0 in
Height (2WD/AWD)	70.2 in / 70.8 in	70.2 in / 70.8 in	70.2 in / 70.8 in	70.2 in / 70.8 in	70.2 in / 70.8 in	NA / 70.8 in	NA / 70.8 in
Width	78.6 in	78.6 in	78.6 in	78.6 in	78.6 in	78.6 in	78.6 in
Track (2WD, front/rear)	66.3 in / 66.3 in	66.3 in / 66.3 in	66.3 in / 66.3 in	66.3 in / 66.3 in	66.3 in / 66.3 in	NA	NA
Track (AWD, front/rear)	66.1 in / 66.0 in	66.1 in / 66.0 in	66.1 in / 66.0 in	66.1 in / 66.0 in	66.1 in / 66.0 in	66.1 in / 66.0 in	66.1 in / 66.0 in
Ground Clearance (2WD/AWD; unladen)	7.28 in / 7.87 in	7.28 in / 7.87 in	7.28 in / 7.87 in	7.28 in / 7.87 in	7.28 in / 7.87 in	NA / 7.87 in	NA / 7.87 in
Approach/Breakover/Departure Angles (2WD)	19.2° / 18.5° / 21.4°	19.2° / 18.5° / 21.4°	19.2° / 18.5° / 21.4°	19.2° / 18.5° / 21.4°	19.2° / 18.5° / 21.4°	NA	NA
Approach/Breakover/Departure Angles (AWD)	20.1° / 19.6° / 22.1°	20.1° / 19.6° / 22.1°	20.1° / 19.6° / 22.1°	20.1° / 19.6° / 22.1°	20.1° / 19.6° / 22.1°	20.1° / 19.6° / 22.1°	20.1° / 19.6° / 22.1°
Truck Bed Length (tailgate up/down)	64.0 in / 83.0 in	64.0 in / 83.0 in	64.0 in / 83.0 in	64.0 in / 83.0 in	64.0 in / 83.0 in	64.0 in / 83.0 in	64.0 in / 83.0 in

Truck Bed Width (at wheel wells/at D-pillar/at bed walls)	**50.0 in / 51.0 in / 60.0 in**	**50.0 in / 51.0 in / 60.0 in**	**50.0 in / 51.0 in / 60.0 in**	**50.0 in / 51.0 in / 60.0 in**	**50.0 in / 51.0 in / 60.0 in**	**50.0 in / 51.0 in / 60.0 in**	**50.0 in / 51.0 in / 60.0 in**
Heavy-Duty Truck Bed Tie-Down Cleat Capacity	**350 lbs**	**350 lbs**	**350 lbs**	**350 lbs**	**350 lbs**	**350 lbs**	**350 lbs**
Truck Bed Cargo Volume	**33.9 cu ft**	**33.9 cu ft**	**33.9 cu ft**	**33.9 cu ft**	**33.9 cu ft**	**33.9 cu ft**	**33.9 cu ft**
In-Bed Trunk® Volume	**7.3 cu ft**	**7.3 cu ft**	**7.3 cu ft**	**7.3 cu ft**	**7.3 cu ft**	**7.3 cu ft**	**7.3 cu ft**
Gross Combined Weight Rating (GCWR) (2WD/AWD)	**8201 lbs / 9986 lbs**	**8201 lbs / 9986 lbs**	**8201 lbs / 9986 lbs**	**8201 lbs / 9986 lbs**	**8201 lbs / 9986 lbs**	**8201 lbs / 9986 lbs**	**8201 lbs / 9986 lbs**
Gross Vehicle Weight Rating (GVWR) (2WD/AWD)	**5710 lbs / 6019 lbs**	**5710 lbs / 6019 lbs**	**5710 lbs / 6019 lbs**	**5710 lbs / 6019 lbs**	**5710 lbs / 6019 lbs**	**5710 lbs / 6019 lbs**	**5710 lbs / 6019 lbs**
Curb Weight (2WD/AWD)	**4242 lbs / 4431 lbs**	**4242 lbs / 4433 lbs**	**4242 lbs / 4433 lbs**	**4255 lbs / 4445 lbs**	**4259 lbs / 4453 lbs**	**NA / 4515 lbs**	**NA / 4515 lbs**
Total Payload Capacity (2WD/AWD)	**1468 lbs / 1588 lbs**	**1468 lbs / 1586 lbs**	**1468 lbs / 1586 lbs**	**1455 lbs / 1574 lbs**	**1451 lbs / 1566 lbs**	**NA / 1504 lbs**	**NA / 1504 lbs**
Weight Distribution (2WD, front/rear)	**58.6% / 41.4%**	**58.6% / 41.4%**	**58.6% / 41.4%**	**58.6% / 41.4%**	**58.6% / 41.4%**	**NA**	**NA**
Weight Distribution (AWD, front/rear)	**57.6% / 42.4%**	**57.6% / 42.4%**	**57.6% / 42.4%**	**57.6% / 42.4%**	**57.6% / 42.4%**	**57.6% / 42.4%**	**57.6% / 42.4%**
Towing Capacity (2WD/AWD)[3]	**3500 lbs / 5000lbs**	**3500 lbs / 5000lbs**	**3500 lbs / 5000lbs**	**3500 lbs / 5000lbs**	**3500 lbs / 5000lbs**	**NA / 5000lbs**	**NA / 5000lbs**

INTERIOR MEASUREMENTS	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
Headroom (front/rear)	**40.1 in / 38.8 in**	**40.1 in / 38.8 in**	**40.1 in / 38.8 in**	**40.1 in / 38.8 in**	**40.1 in / 38.8 in**	**39.5 in / 38.8 in**	**39.5 in / 38.8 in**
Legroom (front/rear)	**40.9 in / 36.7 in**	**40.9 in / 36.7 in**	**40.9 in / 36.7 in**	**40.9 in / 36.7 in**	**40.9 in / 36.7 in**	**40.9 in / 36.7 in**	**40.9 in / 36.7 in**
Shoulder Room (front/rear)	**62.0 in / 61.5 in**	**62.0 in / 61.5 in**	**62.0 in / 61.5 in**	**62.0 in / 61.5 in**	**62.0 in / 61.5 in**	**62.0 in / 61.5 in**	**62.0 in / 61.5 in**
Hiproom (front/rear)	**59.1 in / 56.6 in**	**59.1 in / 56.6 in**	**59.1 in / 56.6 in**	**59.1 in / 56.6 in**	**59.1 in / 56.6 in**	**59.1 in / 56.6 in**	**59.1 in / 56.6 in**
Passenger Volume	**109.7 cu ft**	**109.7 cu ft**	**109.7 cu ft**	**109.7 cu ft**	**109.7 cu ft**	**108.9 cu ft**	**108.9 cu ft**
2nd-Row Underseat Storage Volume	**2.9 cu ft**	**2.9 cu ft**	**2.9 cu ft**	**2.9 cu ft**	**2.9 cu ft**	**2.9 cu ft**	**2.9 cu ft**
Seating Capacity	**5**	**5**	**5**	**5**	**5**	**5**	**5**

EPA MILEAGE RATINGS[4]/FUEL	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
6-Speed Automatic Transmission (6AT) (2WD; City/Highway/Combined)	19 / 26 / 22	19 / 26 / 22	19 / 26 / 22	19 / 26 / 22	19 / 26 / 22		
6-Speed Automatic Transmission (6AT) (AWD; City/Highway/Combined)	18 / 25 / 21	18 / 25 / 21	18 / 25 / 21	18 / 25 / 21	18 / 25 / 21	18 / 25 / 21	18 / 25 / 21
Fuel Tank Capacity	19.5 gal	19.5 gal	19.5 gal	19.5 gal	19.5 gal	19.5 gal	19.5 gal
Required Fuel	Regular Unleaded	Regular Unleaded	Regular Unleaded	Regular Unleaded	Regular Unleaded	Regular Unleaded	Regular Unleaded

ACTIVE SAFETY	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
Vehicle Stability Assist™ (VSA®) with Traction Control[5]	•	•	•	•	•	•	•
Anti-Lock Braking System (ABS)	•	•	•	•	•	•	•
Electronic Brake Distribution (EBD)	•	•	•	•	•	•	•
Brake Assist	•	•	•	•	•	•	•
Multi-Angle Rearview Camera with Guidelines[6]	•	•	•	•	Dynamic	Dynamic	Dynamic
Tire Pressure Monitoring System (TPMS)[7] with Tire Fill Assist and Location and Pressure Indicators	•	•	•	•	•	•	•
Daytime Running Lights (DRL)	•	•	•	•	LED	LED	LED
Collision Mitigation Braking System™						•	•

(CMBS™)[8] (HS)							
Road Departure Mitigation System (RDM)[9] (HS)						•	•
Forward Collision Warning (FCW)[10] (HS)						•	•
Lane Departure Warning (LDW)[11] (HS)						•	•

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

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PASSIVE SAFETY	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
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	•	•	•	•	•	•	•

DRIVER ASSIST TECHNOLOGY	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
Honda LaneWatch™[12]					•		
Lane Keeping Assist System (LKAS)[13] (HS)						•	•
Adaptive Cruise Control (ACC)[14] (HS)						•	•
Auto High-Beam Headlights						•	•
Blind Spot Information System (BSI) with Cross Traffic Monitor[15]						•	•

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

EXTERIOR FEATURES	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
Multi-Reflector Halogen Headlights with Auto-On/Off	•	•	•	•	•		
Dual-Action Tailgate	•	•	•	•	•	•	•
In-Bed Trunk®	•	•	•	•	•	•	•
Heavy-Duty Truck Bed Tie-Down Cleats (8)	•	•	•	•	•	•	•
One-Touch Turn Indicators	•	•	•	•	•	•	•
Fin-Type Roof-	•	•	•	•	•	•	•

Mounted Antenna							
Rear Privacy Glass	●	●	●	●	●	●	●
LED Taillights	●	●	●	●	●	●	●
Integrated Trailer Hitch with 7-Pin Connector	●	●	●	●	●	●	●
Truck Bed Lights	●	●	●	●	●	**LED**	**LED**
Variable Intermittent Windshield Wipers	●	●	●	●	●	**Rain-Sensing**	**Rain-Sensing**
Remote Entry	●	●	●	●	**Programmable**	**Programmable**	**Programmable**
Body-Colored Power Side Mirrors	**Black**	**Black**	●	**Heated (AWD)**	**Heated (AWD)**	**Heated (AWD) with Memory**	**Heated (AWD) with Memory**
Body-Colored Door Handles	**Black**	●	**Gloss Black**	●	●	**Chrome**	**Gloss Black**
Security System		●	●	●	●	●	●
Smart Entry		●	●	●	●	●	●
Fog Lights		●	●	●	●	●	●
Acoustic Windshield				●	●	●	●
One-Touch Power Moonroof with Tilt Feature						●	●
Power Sliding Rear Window						●	●
Body-Colored Parking Sensors (front/rear)						●	●
LED Headlights with Auto-On/Off (low beam)						●	●
150-Watt / 400-Watt Truck-Bed Power Outlet						●	●

COMFORT & CONVENIENCE	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
Air Conditioning with Air-Filtration System	•						
Sunglasses Holder	•						
Push Button Start	•	•	•	•	•	•	•
Power Windows with Auto-Up/Down Driver's and Front Passenger's Window	•	•	•	•	•	•	•
Power Door and Tailgate Locks	•	•	•	•	•	•	•
Cruise Control	•	•	•	•	•	•	•
Tilt and Telescopic Steering Column	•	•	•	•	•	•	•
Multi-Functional Center Console Storage	•	•	•	•	•	•	•
Lockable Glove Compartment	•	•	•	•	•	•	•
Sliding Sunvisors	•	•	•	•	•	•	•
Remote Fuel Filler Door Release	•	•	•	•	•	•	•
Rear Window Defroster with Timer	•	•	•	•	•	•	•
Rear-Seat Heater Ducts	•	•	•	•	•	•	•
Capless Fuel Filler	•	•	•	•	•	•	•
Beverage Holders (front and rear)	•	•	•	•	•	•	•
Illuminated Steering Wheel-Mounted Controls	•	•	•	•	•	•	•
Floor Mats	•	•	•	•	•	•	•
12-Volt Power	•	•	•	•	•	•	•

Outlets (front & center console)							
Map Lights	●	●	●	●	●	LED (front)	LED (front)
Driver's and Front Passenger's Vanity Mirrors	●	●	●	●	Illuminated	Illuminated	Illuminated
Tri-Zone Automatic Climate Control System with Humidity Control and Air Filtration		●	●	●	●	●	●
HomeLink® Remote System[16]		●	●	●	●	●	●
Driver's and Front Passenger's Seatback Pockets		●	●	●	●	●	●
Leather-Wrapped Steering Wheel				●	●	Heated	Heated
Automatic-Dimming Rearview Mirror					●	●	●
Conversation Mirror with Sunglasses Holder						●	●
Courtesy Door Lights (front row)						●	●
Illuminated Beverage Holders (front row)						●	●
Ambient LED Lighting						Blue	Red
silver horizontal IP trim (RT>RTL-T), piano black horizontal IP trim (RTL-E, Black Edition)							

- -

SEATING	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition

Adjustable Seat-Belt Anchors (Front Row)	•	•	•	•	•	•	•
Head Restraints at all Seating Positions	•	•	•	•	•	•	•
60/40 Split Lift-Up Rear Seat with Underseat Storage	•	•	•	•	•	•	•
Driver's Seat with 10-Way Power Adjustment, including Power Lumbar Support				•	•	**with Two-Position Memory**	**with Two-Position Memory**
Front Passenger's Seat with 4-Way Power Adjustment				•	•	•	•
Leather-Trimmed Interior				•	•	•	•
Heated Front Seats				•	•	•	•

AUDIO & CONNECTIVITY	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
5-Inch Color LCD Screen	•	•	•	•			
200-Watt Audio System with 7 Speakers, including Subwoofer	•	•	•	•			
***Bluetooth*® HandsFreeLink®[17]**	•	•	•	•	•	•	•
***Bluetooth*® Streaming Audio[17]**	•	•	•	•	•	•	•
MP3/Auxiliary Input Jack	•	•	•	•	•	•	•
Radio Data System (RDS)	•	•	•	•	•	•	•

Speed-Sensitive Volume Control (SVC)	•	•	•	•	•	•	•
USB Audio Interface[19]	**1.0-Amp Charging Port in Center Console**	**1.0-Amp Charging Port in Center Console**	**1.0-Amp Charging Port in Center Console**	**1.0-Amp Charging Port in Center Console**	**1.5-Amp Charging Port in Front / 1.0-Amp Charging Port in Center Console**	**1.5-Amp Charging Port in Front / 1.0-Amp Charging Port in Center Console**	**1.5-Amp Charging Port in Front / 1.0-Amp Charging Port in Center Console**
225-Watt Audio System with 7 Speakers, including Subwoofer					•		
8-Inch Display Audio with High-Resolution WVGA (800x480) Electrostatic Touch-Screen and Customizable Feature Settings					•	•	•
Apple CarPlay™[20] / Android Auto™[21]					•	•	•
HondaLink®[22]					•	•	•
SMS Text Message Function[23]					•	•	•
SiriusXM® Radio[24]					•	•	•
HD Radio™[25]					•	•	•
Pandora®[26] Compatibility					•	•	•
Honda Satellite-Linked Navigation System™ with Voice Recognition[27], Honda HD Digital Traffic and Song By Voice® (SBV)					•	•	•
USB Ports					**2.5-Amp Charging**	**2.5-Amp Charging**	**2.5-Amp Charging**

					Ports in 2nd-Row	Ports in 2nd-Row	Ports in 2nd-Row
540-Watt Premium Audio System with 8 Speakers, including Subwoofer						•	•
Truck-Bed Audio System						•	•

MULTI - INFORMATION DISPLAY	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
4.2-Inch Color LCD Screen	•	•	•	•	•	•	•
Average Fuel Economy Indicator	•	•	•	•	•	•	•
Door, Trunk and Tailgate-Open Indicator	•	•	•	•	•	•	•
Engine Oil-Life Indicator	•	•	•	•	•	•	•
Gear Position Indicator	•	•	•	•	•	•	•
Instant Fuel Economy Indicators	•	•	•	•	•	•	•
Miles-to-Empty Indicator	•	•	•	•	•	•	•
Odometer and Trip Meters (2)	•	•	•	•	•	•	•
Starter System Indicator	•	•	•	•	•	•	•
Tire Pressure Monitoring System (TPMS) with Tire Fill Assist and Location and Pressure Indicators	•	•	•	•	•	•	•

Intelligent Traction Management System	•	•	•	•	•	•	•
Exterior Temperature Indicator		•	•	•	•	•	•
Compass					•	•	•
Turn-By-Turn Directions					•	•	•
Corner and Backup Sensor Indicator						•	•

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INSTRUMENTATION	RT	RTS	Sport	RTL	RTL-T	RTL-E	Black Edition
12-Volt Battery-Charging System Indicator	•	•	•	•	•	•	•
ABS Indicator	•	•	•	•	•	•	•
Airbag System Indicator	•	•	•	•	•	•	•
Brake System Indicators	•	•	•	•	•	•	•
Coolant Temperature Indicator	•	•	•	•	•	•	•
Cruise Control Indicators	•	•	•	•	•	•	•
Digital Speedometer	•	•	•	•	•	•	•
ECON Button	•	•	•	•	•	•	•
ECON Mode Indicator	•	•	•	•	•	•	•
Electric Power Steering (EPS) Indicator	•	•	•	•	•	•	•
Fuel Level Indicator	•	•	•	•	•	•	•
Headlights-On Indicator	•	•	•	•	•	•	•
High-Beam	•	•	•	•	•	•	•

Indicator							
Immobilizer System Indicator	•	•	•	•	•	•	•
Low-Fuel Indicator	•	•	•	•	•	•	•
Low-Oil Pressure Indicator	•	•	•	•	•	•	•
Malfunction Indicator	•	•	•	•	•	•	•
Seat-Belt Reminder Indicator	•	•	•	•	•	•	•
System Message Indicator	•	•	•	•	•	•	•
Tachometer	•	•	•	•	•	•	•
TPMS / Low-Tire Pressure Indicator	•	•	•	•	•	•	•
Truck Bed Lights-On Indicator	•	•	•	•	•	•	•
Turn Signal/Hazard Indicators	•	•	•	•	•	•	•
VSA System and VSA-Off Indicators	•	•	•	•	•	•	•
AWD System Indicator	**AWD Models**	**AWD Models**	**AWD Models**	**AWD Models**	**AWD Models**	•	•
Fog Lights Indicator		•	•	•	•	•	•
Smart Entry System Indicator		•	•	•	•	•	•
Adaptive Cruise Control (ACC) On and System Indicators						•	•
Collision Mitigation Braking System (CMBS) Off and System Indicators						•	•
Lane Keeping Assist System (LKAS) On and System Indicators						•	•
Lane Departure Warning (LDW) / Road Departure Mitigation (RDM)						•	•

Off and System Indicators							
Auto High-Beam On Indicator						●	●
Blind Spot Information System (BSI) Off and System Indicators						●	●

1. Total system horsepower as measured by the peak, concurrent output of the two electric motors and gasoline engine.
2. Does not apply to fluid and filter changes. Will vary with driving conditions. Please see your Honda dealer for details.
3. LEV3-SULEV30 (Super-Ultra-Low-Emission Vehicle) model as certified by the California Air Resources Board (CARB).
4. Based on 2017 EPA mileage ratings. Use for comparison purposes only. Your mileage will vary depending on driving conditions, how you drive and maintain your vehicle, battery-pack age/condition, and other factors.
5. 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
6.
7. 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
8.
9. FCW cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. System operation affected by extreme interior heat. FCW does not include a braking function. Driver remains responsible for safely operating vehicle and avoiding collisions
10.
11. 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.
12. 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
13.
14. 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.
15. 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.
16. 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
17.
18. HomeLink® is a registered trademark of Gentex Corporation
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20. 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.
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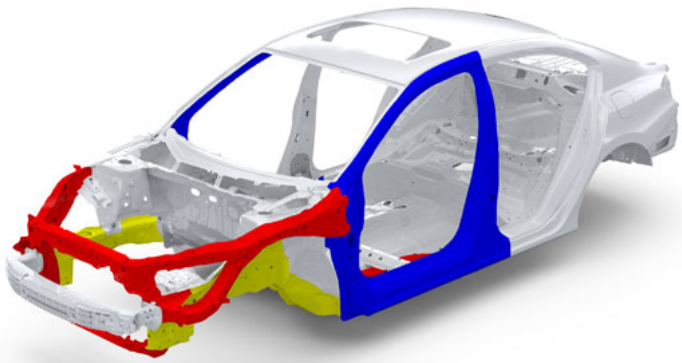
25. Compatible with select phones with *Bluetooth*®. Your wireless carrier's rate plans apply. State or local laws may limit use of texting feature. Only use texting feature when conditions allow you to do so safely.
26. The USB Audio Interface is used for direct connection to and control of some current digital audio players and other USB devices that contain MP3, WMA or AAC music files. Some USB devices with security software and digital rights-protected files may not work. Check the HondaLink® website for smartphone compatibility. Please see your Honda dealer for details.
27. Check the HondaLink® website for smartphone compatibility.
28. Apple CarPlay is a trademark of Apple Inc.
29. Android and Android Auto are trademarks of Google Inc.
30. 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.
31. HD Radio is a proprietary trademark of iBiquity Digital Corporation
32.
33. The Honda Satellite-Linked Navigation System™ is standard on the Touring model 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

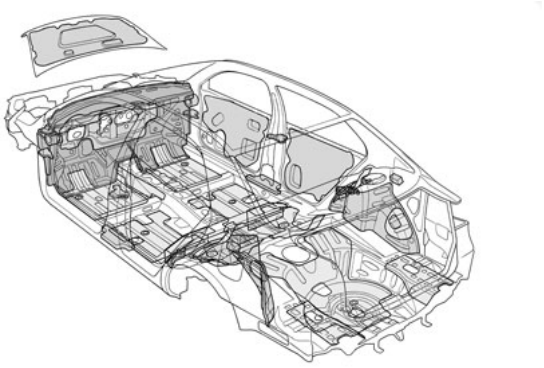
Improving aerodynamic efficiency is a continuous goal for Honda engineers and stylists. Honda subjects each model to extensive wind-tunnel testing. Attention to detail is important as well, so Honda automobiles feature flat turbulence-reducing under-body panels, and flush-fitting headlights, glass and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

Minimizing Noise, Vibration and Harshness (NVH)

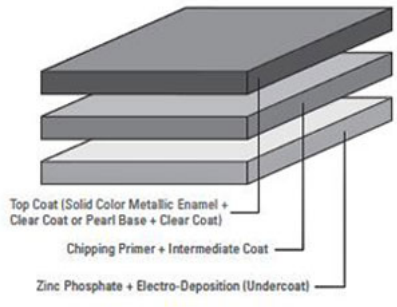


Honda employs many measures to reduce noise, vibration and harshness (commonly referred to as NVH) in order to create a more enjoyable driving experience. Special attention is paid to quieting the engine, soundproofing the cabin, improving aerodynamics and strengthening the body.

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.

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

To help improve fuel efficiency, Honda’s i-VTEC V-6 engines use the latest version of Honda’s innovative Variable Cylinder Management (VCM). When high power is required, for example during startup, acceleration or when climbing hills, the engine operates on all six cylinders. During periods of moderate-speed cruising and at low engine loads, the system operates just one bank of three cylinders, thereby maximizing fuel efficiency.

To smooth the transition between activating or deactivating cylinders, the system adjusts ignition timing and Drive-by-Wire throttle position, and turns the torque converter lockup on and off. As a result, the transition between three- and six-cylinder operation is usually unnoticeable to the driver.

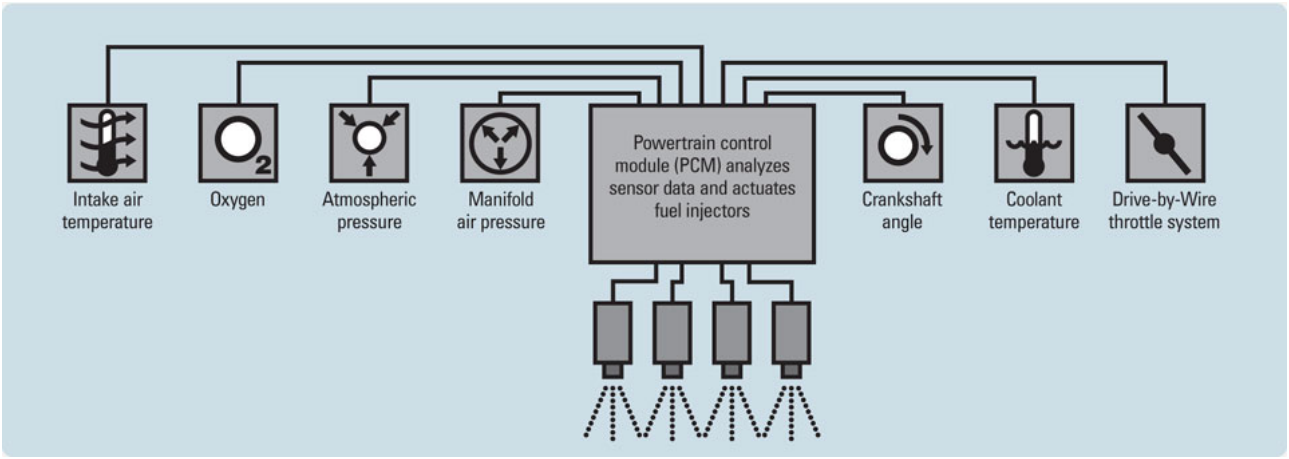
2-Stage Intake Manifold (V-6 Models)

This ingenious design enhances torque production throughout the engine's rpm range. At lower engine speeds, a valve in the intake manifold is closed, creating the optimum condition to take advantage of sonic resonance to help pack more of the intake charge into the combustion chamber. At higher rpm, the valve opens to cancel the resonance effect and allow intake inertia to fill the cylinders more effectively.

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:

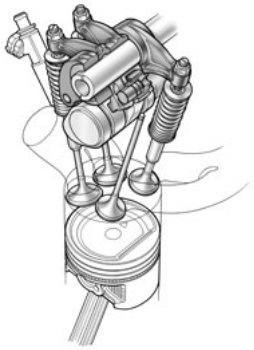
At the heart of PGM-FI is a computer called the PCM, or powertrain control module. The PCM is connected to sensors that monitor inputs such as throttle position, engine temperature, crankshaft position, intake manifold pressure, atmospheric pressure, exhaust-gas oxygen content and intake air temperature.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

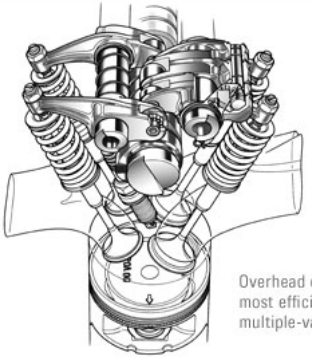
Thorough atomization of fuel is critical for complete combustion. The smaller the fuel droplet, the more effectively it mixes with the intake air, resulting in more efficient combustion, lower emissions and improved throttle response. All Honda port-injection systems use special air-assist fuel injectors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

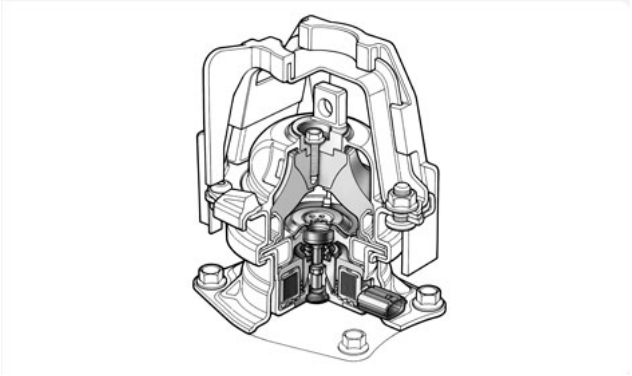
Overhead Camshafts



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.

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



Whenever Variable Cylinder Management (VCM) operates in 3- or 4-cylinder mode, it creates a kind of rolling vibration as the engine rocks on its engine mounts. To counteract this, a separate ACM control unit monitors these rolling vibrations and operates high-speed solenoids in the front and rear engine mounts that actively cancel each oscillation. As a result, these vibrations are not transferred to the chassis through the engine mounts and are not felt inside the cabin.

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Active Noise Cancellation™ (ANC) System (Accord and Models with VCM)

In addition to the Active Control Engine Mount system, a sophisticated ANC system eliminates noise caused by both VCM cylinder deactivation and exhaust noise. To do this, the ANC controller uses a front ceiling-mounted microphone and a rear tray microphone to detect any "booming" sound in the cabin associated with cylinder deactivation. It then emits a mirror "anti-noise" signal through the audio system's speakers, which effectively cancels those booming sounds, thus creating a quieter passenger compartment. ANC is always working, even when the audio system is turned off.

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On-Board Diagnostics II (OBD-II)

On all Honda models except 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.

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Direct-Injection System (Accord, Civic, Fit, 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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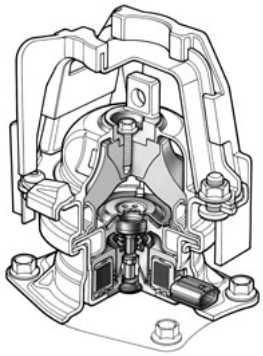
Immobilizer Theft-Deterrent System

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.

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.

6-Speed Automatic Transmission (Accord V-6, Ridgeline and Pilot)

This transmission is a constant-mesh unit, whose top gear features an overdrive ratio. Overdrive allows the engine to operate at a lower rpm while cruising, which helps improve fuel efficiency and reduces noise at highway speeds. When cruising, the lockup torque converter minimizes torque-converter slippage to further improve fuel efficiency.

The powertrain control module (PCM) electronically controls shifting in all Honda automatics. The PCM controls linear-shift solenoids that in turn control hydraulic pressure to each gear's clutch pack. The PCM is programmed to control downshifts and to minimize shift shock during full or part-throttle upshifts by momentarily retarding ignition timing. The PCM also controls the transmission's Grade Logic Control shift programming and uses the Drive-by-Wire throttle system to improve shift quality.

The 6-speed transmission helps maximize driver control, acceleration and fuel efficiency. Its wide spread of gear ratios allows lower low gears for stronger pulling power, and "taller" top gears for lower engine speeds while cruising. This transmission features a multi-disc locking torque converter with lockup sensor that provides the ideal balance between responsive on-the-road performance and fuel efficiency.

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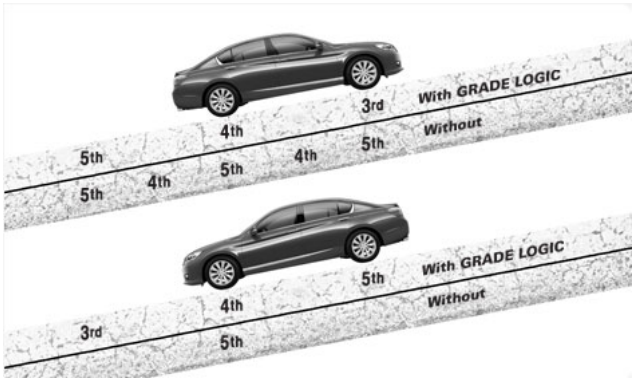
Grade Logic Control System



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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ECO Assist (Accord, Civic, Fit, 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.

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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, 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.

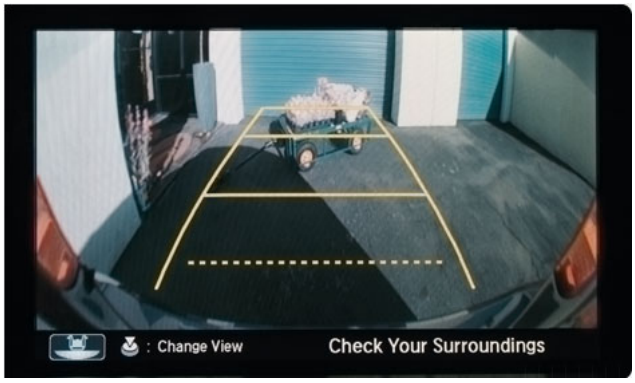
Honda Satellite-Linked Navigation System with Voice Recognition

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



All Honda models feature a rearview camera. Located near the rear license plate, it displays a full-color image of the area directly behind the vehicle to help the driver see objects that might be in the way.

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

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

Bluetooth® HandsFreeLink

Bluetooth® 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 drivers with select phones can even import their entire phone book into the system database.

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 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 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.

Song By Voice (Accord, Civic, Pilot and Ridgeline)

Select models offer the Song By Voice® (SBV) feature. With so much audio content potentially available on the customer's iPod,®[9] Honda engineers set out to make it easy to find content. From most navigation screens, the driver can simply press the TALK button on the steering wheel and say "iPod search." Then drivers can give a voice command, such as "Play song, 'Parkway Garden,'" and the system will automatically begin playback. Song By Voice also lets the driver choose music by artist, album, track name, genre, playlist and even composer.

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®, 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.

HomeLink Remote System (Accord, Pilot 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.

Parking Aid (Accord, Pilot and Ridgeline)

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

Power Door 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.

Auto-Door Locking and Unlocking

The auto-door locking/unlocking feature is preprogrammed to automatically lock all the doors when the vehicle reaches 9 mph, and unlock the driver's door when the vehicle is shifted back into Park. The system can be programmed to lock the doors three different ways and unlock five different ways in order to accommodate a variety of personal preferences. Or the system can be completely deactivated, if so desired. Customers, especially those with children, will appreciate the convenience of the auto-lock feature.

Auto-Door Locking:

The auto-door locking feature has three possible settings:

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

Auto Door-Unlocking:

The auto-door unlocking feature has five possible settings:

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

Advanced Compatibility Engineering (ACE) Body Structure

The Advanced Compatibility Engineering™ (ACE™) body structure is a Honda-exclusive body design that enhances occupant protection and crash compatibility in frontal collisions. The ACE design utilizes a network of connected structural elements to distribute crash energy more evenly throughout the front of the vehicle. This enhanced frontal crash-energy management helps to reduce the forces transferred to the passenger compartment and can help to more evenly disperse the forces transferred to other vehicles in a crash. The design also helps reduce the potential for misalignment with the frame of an opposing vehicle, whether it is large or small.

Select models feature the latest ACE body structure. This design incorporates additional structural elements engineered to enhance vehicle performance in small overlap frontal collisions (where only roughly one-quarter

of the vehicle's outer front end is engaged by another vehicle or object), which also translates into better performance in the Insurance Institute for Highway Safety (IIHS) small overlap frontal crash test.

Front Airbags

It is important to remember that the front airbags are supplemental to the seat belts, as the name supplemental restraint system (SRS) implies, and are designed to work only in a moderate-to-severe frontal collision. All Honda models feature front airbags (SRS) that can help protect the driver and front passenger in the event of a moderate-to-severe frontal impact. In order for the airbags to provide maximum protection, the seat belts must also be worn. Seat belts can also help protect the occupants in a variety of collisions in which front airbags may not be effective, such as in rollovers.

The driver's airbag is located in the center of the steering wheel. The front passenger's airbag is located in the right-hand side of the instrument panel, in front of the passenger. The general location of the passenger's airbag is marked with the initials SRS—so customers should not install dashboard covers or other objects on the panel.

The front airbags are activated when sensors detect a moderate-to-severe frontal impact. The electronic control unit (ECU) sends an electric current to the airbags' inflators. The inflators then ignite, producing a large quantity of inert nitrogen gas, which inflates the airbags. The inflated airbags help absorb the driver's and front passenger's forward momentum, cushioning the face and upper torso. From the moment the sensors detect a sufficient frontal impact, the airbags can fully deploy faster than the blink of an eye. Immediately after inflation, vents in the airbags allow them to rapidly deflate.

The airbags are designed to be used only one time. Once they are deployed, the airbag units cannot be repaired and must be replaced.

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).

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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 current 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.

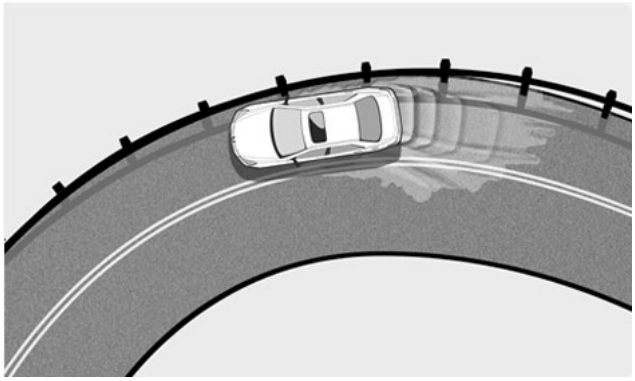
Working jointly with VSA is Honda’s Drive-by-Wire throttle system. This system replaces conventional throttle hardware with an all-electronic system, which senses the throttle-pedal position and relays that information to an ECU. The ECU then signals a motor that instantaneously performs the actual throttle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



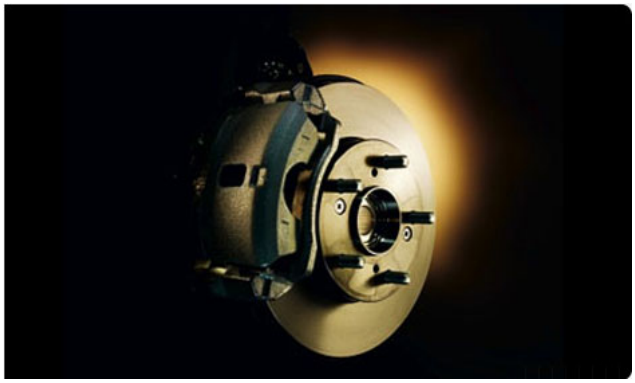
The ABS has been designed to help the driver retain steering control while braking. The system works by maintaining the wheels near their point of maximum traction during hard braking, which allows the driver to brake and steer at the same time without the brakes locking and the tires skidding. This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