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## **All-new 2011 Dodge Charger Offers More Than 65 Advanced Safety and Security Features**

- All-new 2011 Dodge Charger offers a 360° perspective with available active safety features, including Forward Collision Warning (FCW) with adaptive-cruise control (ACC), Blind-spot Monitoring (BSM) and Rear Cross Path (RCP) accident-avoidance systems
- Standard advanced multi-stage air bags, full-length side-curtain air bags, seat-mounted side pelvic-thorax air bags, driver's side knee bag and reactive head restraints
- From electronic stability control (ESC) to segment-exclusive Ready Alert Braking and Rain Brake Support, Dodge Charger owners and their passengers are offered the latest technology to keep them safely on the road

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The all-new 2011 Dodge Charger features more than 65 safety and security features, including standard electronic stability control (ESC), now integrating segment-exclusive Ready Alert Braking and Rain Brake Support features to improve overall vehicle handling and performance both on and off the track.

"The all-new 2011 Dodge Charger offers the latest innovations in active and passive safety technology, delivering an exciting mix of enhanced driver confidence and performance," said Scott Kunselman, Senior Vice President - Engineering, Chrysler Group LLC. "With more than 65 different safety and security systems available, including Forward Collision Warning with adaptive-cruise control and Blind-spot Monitoring with Rear Cross Path detection, the all-new 2011 Dodge Charger couples accident avoidance with occupant protection to maximize performance in the event of a crash."

Safety and security features available for the first time on the Dodge Charger include Blind-spot Monitoring (BSM) with Rear Cross Path (RCP) detection, which aid drivers when changing lanes or in parking lot situations. In addition, standard front-row reactive head restraints, standard full-length side-curtain air bags and standard seat-mounted side pelvic-thorax air bags offer enhanced occupant protection to passengers in the event of a collision.

The following is a list of the all-new Dodge Charger's more than 65 available safety and security features, which include:

- Active turn signals: Turn signal flashes three times when stalk is depressed for 1 second to indicate a lane change (standard)
- Adaptive cruise control (ACC): The system decreases the Dodge Charger's pre-set cruise-control speed when closing in on another vehicle in the same lane or when another vehicle pulls into the same lane. The system will accelerate to the pre-set speed when the vehicle in front speeds up or moves into another lane. ACC will maintain a driver-adjustable distance between the vehicle and the one in front of it, allowing the use of cruise control in light traffic without having to continuously adjust settings
- Advanced multi-stage air bags: Inflate with a force appropriate to the severity of the impact. In addition, Charger's new driver air bag design includes tethers to shape the air bag to reduce force and injury with respect to the occupant's chest. The passenger air bag is designed to deploy at varying inflation rated based on the occupant's position. Both meet FMVSS 208 advanced air bag requirements for smaller, out-of-position occupants (standard)
- All-speed traction control: Helps to keep driving wheels from spinning during acceleration from a stop or during all speeds by applying individual brakes alone or in combination with engine torque limitation to prevent wheel slip (standard)
- Anti-lock brake system (ABS): Senses and prevents wheel lockup, offering improved steering control

under extreme braking and/or slippery conditions (standard)

- Anti-lock brake system with rough-road detection: Capable of detecting if the vehicle is driving on a rough road by the oscillations in the wheel speed signals. When rough road is detected on off-road surfaces or trails, ABS enters a different pressure control where it will hold the brake pressure for longer pulses (standard)
- Automatic defog: Enables the Dodge Charger's automatic temperature control (ATC) system to measure humidity inside the vehicle and provide a fog-free windshield automatically without driver intervention
- Automatic headlamps: Detects dim driving conditions and turns on the headlamps without driver intervention
- Auto-dimming rear-view mirror: Detects and reduces glare from rearward headlamps without driver intervention
- Auto-reverse Sunroof: Advanced sensing system that automatically engages and reverses the sunroof to the open position
- Auto-reverse windows: Advanced sensing system that automatically engages and reverses the power windows to the open position
- BeltAlert: Activates a chime and/or illuminates an icon in the instrument cluster to remind the driver and front passenger to buckle up if the Dodge Charger is driven without belted front-seat occupants (standard)
- Blind-spot Monitoring (BSM): Uses dual ultra-wideband radar sensors to aid the driver when changing lanes or if being passed by or passing unseen vehicles. The system notifies the driver of a vehicle in their blind spot via illuminated icons on the side-view mirror and with a driver-selected audible chime
- Brake Assist: In an emergency brake situation, the system applies maximum braking power, minimizing the stopping distance (standard)
- Brake Override: When a disagreement exists between the throttle and the brake, the brake signal causes the engine controller to reduce engine power, allowing the operator to stop the Dodge Charger (standard)
- Brake/Park interlock: Prevents the Dodge Charger from being shifted out of "Park" unless the brake pedal is applied (standard)
- Brake-traction control system (BTCS): Helps to keep driving wheels from spinning during acceleration from a stop or during slow speeds by applying individual brakes to the slipping wheel(s) (standard)
- Cap-less fuel-filler door: Provides fuel-filling simplicity and eliminates contact with any fuel spillage (standard)
- Child Seat Anchor System: LATCH (Lower Anchors and Tethers for CHildren) is designed to ease installation of compatible aftermarket child seats (standard)
- Constant-force retractors (CFR): Regulates the force exerted on the occupant by the seat belt and then gradually releases seat-belt webbing in a controlled manner (standard)
- Crumple zones: Designed to compress during an accident in order to absorb energy from an impact which decreases transfer of that energy to occupants (standard)
- Daytime running lamps (DRL): Provides additional forward illumination for improved vehicle awareness
- Electronic-locking fuel door: Provides protection from siphoning and fuel system vandalism with electronic locking and interior push-button release (standard)
- Electronic stability control (ESC): Enhances driver control and helps maintain directional stability under all conditions. Provides the benefit in critical driving situations, such as turns, and is valuable when driving on mixed-surface conditions, including snow, ice or gravel. If there is a discernible difference between driver input through the steering wheel and the Dodge Charger's path, ESC applies selective braking and throttle input to guide the vehicle back on to the driver's intended path (standard)
- Energy-absorbing steering column: The manual-adjust steering column utilizes two hydroformed coaxial tubes that can move relative to each other to allow the column to move forward for enhanced energy absorption during a crash. The power-adjust steering column employs a calibrated bending element that deforms during column stroke for optimal energy management
- Enhanced Accident Response System (EARS): Makes it easier for emergency personnel to see and reach occupants in the event of an accident by turning on the interior lighting, flashing the hazard lights and unlocking the Dodge Charger's doors after air bag deployment. Also shuts off flow of fuel to the engine (standard)
- Express up/down windows: One-touch powered express up/down window button located on the front driver and passenger-side door (standard)

- Forward Collision Warning (FCW): Using forward-facing radar sensors, this system detects when the Dodge Charger may be approaching another vehicle too rapidly and alerts the driver so the driver can determine what action must be taken in order to prevent a collision
- Full-length side-curtain air bags: Extends protection to all outboard front- and rear-seat passengers. Each side air bag has its own impact sensors that autonomously trigger the air bag on the side where an impact occurs. This type of air bag is housed in the headliner just above the side windows (standard)
- Garmin® navigation: Easy to use maps with audible turn-by-turn directions, more than 6 million points of interest and lane guidance
- Halogen infrared bulbs (HIR): Provides wider light spread and higher light output than traditional bulbs due to a unique coating enabling the bulbs to burn hotter. The all-new 2011 Dodge Charger is Chrysler Group's first application of HIR (standard)
- Head restraints: Includes rear-center passenger for all seating positions (standard)
- Height-adjustable seat belts: Allows occupant to raise and lower the shoulder belt. This system encourages seat-belt usage by offering a more comfortable fit (standard)
- High-intensity discharge (HID) headlamps: Provide approximately three times the light output of conventional reflector lamps for improved nighttime illumination
- Hill-start Assist (HSA): Assists drivers when starting a Dodge Charger from a stop on a hill by maintaining the level of brake pressure applied for a short period of time after a driver's foot is removed from the brake pedal. If throttle is not applied within a short period of time after the driver's foot is removed from the brake pedal, brake pressure will be released (standard)
- Inside emergency trunk release: A glow-in-the-dark release handle, which may be activated in the event of an adult or child being inadvertently trapped inside the trunk (standard)
- Intelligent battery sensor (IBS): Continually measures the flow of current into and out of the battery. If the battery is running low, the system intelligently shuts off less critical electrical systems to help prevent a customer being stranded due to a low or depleted battery. When IBS conducts load shedding, an icon appears in the cluster display (standard)
- Keyless Enter-N-Go: When an individual enters the Dodge Charger, electronic sensors detect if the vehicle key fob is present. The Dodge Charger will then allow the individual to push a button to start the vehicle without having to insert the key into the ignition (The driver must apply the brake pedal when starting the car). The sensors also allow the deck lid to open without use of pressing the key fob (standard)
- Knee air bag: Located below the instrument panel, the knee air bag deploys when the driver air bag deploys and is designed to properly position the occupant during impact and offer additional lower leg protection
- LED taillamps: Provide dual function illumination (brake, stop, turn and running light functions) with harmonious and consistent illumination throughout the taillamp due to individual illumination points (standard)
- Mopar® Electronic Vehicle Tracking System (EVTS): Available in three packages: Base, Silver and Gold. Mopar's new tracking system provides vehicle owners the peace of mind that comes with always knowing where their vehicle is located. The system has the ability to alert owners if someone else is driving their vehicle too fast or too far, by sending a text. Mopar's system is powered by Guidepoint Systems, the leader in GPS-enabled stolen vehicle recovery systems. Unlike other vehicle tracking systems, the Mopar EVTS offers nationwide tracking without a subscription.
- Occupant restraint controller (ORC): Detects an impact and determines whether a crash is severe enough to trigger air bag deployment and whether the primary or secondary stage inflation is sufficient. In addition the controller detects side impacts and determines whether the rail-curtain and side seat-mounted (thorax protection) airbags should deploy. Engagement of front seat-belt pretensioners are also managed through the controller (standard)
- ParkSense® rear park assist system: Assists at low speeds in reverse to detect stationary objects. Consists of audible warnings for the driver and has a display in the instrument cluster's Electronic Vehicle Information Center (EVIC)
- ParkView® rear backup camera: Provides a wide-angle view of the area immediately behind the vehicle, giving the driver greater peace of mind before reversing at low speeds. New for 2011, the display features grid lines to aid the driver when maneuvering into parking spaces or narrow areas. The image is displayed on the Uconnect Touch when the transmission is shifted into Reverse

- PowerNet: Dodge Charger's new electrical architecture, delivering connectivity between advanced technologies and in-vehicle personalization, for enhanced driver awareness (standard)
- Power tilt-and-telescoping steering column with memory: Allows steering column to tilt and move toward or away from the driver to achieve a safe and comfortable distance from the advanced multi-stage front driver air bag, if deployed
- Rain Brake Support: New for 2011, the system uses the ESC pump to occasionally push brake pads lightly against brake rotors in rainy conditions in order to keep rotors dry (standard)
- Rain-sensing wipers: A driver convenience feature that automatically senses moisture on the Dodge Charger's windshield and activates wipers
- Reactive head restraints: Activates in the event of a rear collision. Restraints are designed to reduce injuries by minimizing the gap between the head restraint and the passenger's head (standard)
- Ready Alert Braking: New for 2011, the system anticipates situations when the driver may initiate an emergency brake stop and uses the ESC pump to set brake pads against rotors in order to decrease the time required for full brake application
- Rear Cross Path (RCP) detection: In parking lot situations, this system warns drivers backing out of parking spaces of traffic moving toward their vehicle. It activates any time the Dodge Charger is in Reverse. The driver is notified of vehicle(s) crossing behind the vehicle via illuminated icons on the side-view mirror and with a driver-selected audible chime
- Remote (fob) operated windows (front windows - down only): Enable an individual to cool down the Dodge Charger by opening front windows remotely (standard)
- Remote keyless entry: Locks and unlocks doors and turns on interior lamps. If the vehicle is equipped with the optional security alarm, the remote also arms and disarms that system (standard)
- Remote start: Conveniently starts the engine and activates key comfort settings based on ambient conditions by using the key fob while maintaining vehicle security
- Safety cage body structure: Protects occupants by managing and controlling energy in the event of an impact (standard)
- Seat-belt pretensioners: During a collision, impact sensors initiate front seat-belt pretensioners to remove slack in the seat belt system, thereby reducing the forward movement of the occupant's head and torso (standard)
- Sentry Key<sup>®</sup> engine immobilizer: Uses a key fob that has an embedded transponder with a preprogrammed security code to shut off the engine after a few seconds and discourage vehicle theft (standard)
- SIRIUS Travel Link: Provides Dodge Charger passengers with real-time information and entertainment to make every trip more efficient and safe
- SmartBeam<sup>®</sup> headlamps: Headlamp system adjusts to ambient light and oncoming traffic to deliver maximum lighting
- Seat-mounted side pelvic-thorax air bags: Provide enhanced protection to the driver and front outboard passenger in certain impacts. Each side air bag has its own impact sensors that autonomously trigger the air bag on the side where an impact occurs. Standard side air bags are housed within the outboard side of each front seat (standard)
- Side-curtain air bags: Provide enhanced protection to all outboard occupants (standard)
- Side guard door beams: Provide occupant protection during a side impact (standard)
- Three-point seat belts: Front outboard seating positions and all rear seating positions have lap and shoulder belts (standard)
- Tire-pressure monitoring (TPM): Informs driver when tire pressure is too low. Pressure-sensor modules within the valve stems of all four road wheels send continuous radio-frequency signals to a receiver and the system. Individual tire pressure can be displayed in the EVIC. (standard)
- Uconnect<sup>®</sup> Touch: integrates world-class infotainment and convenience technologies to keep passengers connected, comfortable and safe (standard)
- Uconnect Voice Command: an in-vehicle, voice-activated communication system that allows drivers to operate a Bluetooth compatible phone with their hands on the wheel and eyes on the road. When the Bluetooth phone is initially connected, the contact list is automatically downloaded, synchronizing as many as 1,000 phone book entries, which can then be selected by simply saying a contact name. It also allows drivers to switch radio modes, tune to AM/FM and SIRIUS Satellite Radio stations and request real-time information (such as fuel prices) from SIRIUS Travel Link using natural voice commands. The

handsfree option promotes safety, freedom, value and flexibility

- Uconnect Web: turns the all-new 2011 Dodge Charger into a mobile "hot spot" capable of instant access to websites, e-mail, personalized music, online gaming, photo albums and more. The wireless system provides high-speed data transfer and flexibility, combining Wi-Fi and 3G cellular connectivity for a new level of wireless technology
- Vehicle theft security alarm: Deters vandalism and theft, frequently lowering insurance premiums. System protects the vehicle from theft by monitoring door-ajar switches and the ignition circuit for unauthorized entry

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