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## **New 2015 Ram ProMaster City Features 34 Security, Connectivity and Capability Systems**

- Standard features include seven air bags: driver and front-passenger, side curtains and seat-mounted side pelvic-thorax and driver's knee
- Ram ProMaster City features a host of electronic stability control (ESC) technologies, including traction control, trailer-sway control, Hill-start Assist and anti-lock brake system (ABS), panic brake assist, brake-lock differential, roll mitigation, autonomous brake lamp activation and drift compensation

June 26, 2014, Auburn Hills, Mich. - Safety and security are two of the leading values guiding engineers for the development of Ram Commercial's all-new 2015 ProMaster City. Ram's new Class 1 van offers 34 active and passive safety and security features, including front air bags, side-curtain air bags and front seat-mounted side pelvic-thorax air bags with Enhanced Accident Response System (EARS). Additional features include a driver's knee air bag, seat-belt pretensioners, BeltAlert, ParkSense rear park assist and ParkView rear backup camera.

The 2015 Ram ProMaster City also includes standard electronic stability control (ESC), hosting a number of technologies including all-speed traction control, trailer-sway control, Hill-start Assist and anti-lock brake system (ABS), panic brake assist, brake-lock differential, roll-over mitigation, autonomous brake lamp activation and drift compensation. The system computes the degree of slip on the basis of wheel rpm calculated by the ABS sensors and activates two different control systems to restore traction.

Security also means awareness of the traffic around you. Ram ProMaster City features a seating position to allow maximum field of vision to help navigate through traffic and narrow roadways. The new van also offers ParkView backup camera and ParkSense rear park assist with audible warning, all of which are useful when maneuvering in multi-destination drive cycles.

A commercial vehicle must carry goods as well as passengers. The Ram ProMaster City load compartment offers six cargo tie down rings arranged on the floor with a 1,000 pound system capacity; pre-threaded mounting locations on the roof for roof rack mounts with 154 pounds of total load capacity. A cargo partition – solid or with window – also offers passengers excellent protection against the possibility of load shift in the cabin.

2015 Ram ProMaster City safety and security features:

- Air bags: Inflate with a force appropriate to the severity of a frontal or near-frontal impact
- Anti-lock brake system (ABS): Senses and prevents wheel lockup, delivering improved handling under extreme braking and /or slippery conditions. Advanced ABS modulates each of the four brakes individually for optimum control and stopping performance
- Automatic brake lamp actuation: Senses emergency brake situations earlier than humanly possible (via brake pedal sensing and steering angle positioning) and actuates/flashs the tail lamps
- BeltAlert: Periodically activates a chime and illuminates an icon in the instrument cluster to remind the driver and passengers to buckle up if a vehicle is driven without being properly belted
- Brake assist: Applies maximum braking power, minimizing stopping distances in emergency braking situations
- Brake-traction control (BTS): Allows the vehicle to maintain forward motion if one or two wheels lose traction by selectively and aggressively applying brakes to the spinning wheels
- Brake-throttle 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
- Brake/park interlock: Prevents the automatic transmission from being shifted out of Park unless the brake

pedal is applied

- Crumple zones: Designed to compress during an accident to absorb energy from an impact, decreasing transfer of that energy to occupants
- Digressive load-limiting retractors: A load-limiting feature that limits the maximum force on the belt webbing to help absorb the energy of the occupant's upper torso during an impact
- Drift Compensation technology: Detects road conditions – such as a crowned road surface or crosswinds – and adjusts the steering system to help the driver compensate for pulling and drifting
- Electronic stability control (ESC): Enhances driver-control and helps maintain directional stability; reconciles steering-wheel position with vehicle path by activating individual brakes and reducing throttle input; beneficial in turns and when driving on surfaces affected by snow, ice or gravel
- Energy-absorbing steering column: The manual-adjust steering column utilizes two hydroformed coaxial tubes that move relative to each other to allow the column to move forward for enhanced energy-absorption during an impact
- 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 interior lights and hazard flashers, and unlocking doors after air-bag deployment. Also shuts off the flow of fuel to the engine
- Height-adjustable seat belts: Allows the driver and front passenger to raise and lower the shoulder belt. Encourages seat belt usage by offering a comfortable fit
- Hill-start Assist (HSA): Automatically holds vehicle to avoid rollback when starting on an incline; maintains braking long enough for driver to reposition foot from brake pedal to accelerator
- Hydraulic boost compensation (HBC): Senses if there's a failure in the vacuum brake booster or related lines. If a failure is detected, the brake controller will run the ABS pump full-time and brakes will perform as normal until serviced
- Interior head-impact protection: Interior pillars above the belt line and instrument panel, including areas around windshield and rear window headers, roof and side-rail structures and shoulder-belt turning loops are specifically designed to limit head-impact force
- Knee bolsters: Area around lower instrument panel and the glove-box door designed to properly position occupant during impact, enabling air bags to work effectively
- Navigation system: Easy-to-use maps with audible turn-by-turn directions; more than six million points of interest and lane guidance
- Occupant restraint controller: 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) air bags should deploy. Engagement of seat-belt pretensioners are also managed through the controller
- ParkSense rear park assist: Assists at low speeds in reverse to detect stationary objects. Consists of audible warnings for the driver
- ParkView rear backup camera: Provides wide-angle view of area immediately behind vehicle when reverse gear selected; displays grid line to assist with maneuvers such as backing to parking spaces or aligning a trailer with the vehicle's trailer hitch
- Remote keyless entry: Locks and unlocks doors and turns on interior lamps. If the vehicle is equipped with a vehicle-theft security alarm, the remote also arms and disarms that system
- Protective cell structure: Protects occupants by managing and controlling energy in the event of an impact
- Seat-belt pretensioners (both front seat belts): During a collision, impact sensors initiate front seat-belt pretensioners to immediately remove slack from seat belts, thereby reducing the forward movement of occupants' heads and torsos
- Side-guard door beams: Front and rear door components that provides occupant protection during a side impact
- Standard side-curtain air bags: Extends protection to all outboard front passengers. Each side air bag has its own impact sensor which autonomously triggers the air bag on the side where an impact occurs
- Tire-pressure monitoring (TPM): Pressure-sensor modules within the valve stems of all four road wheels send continuous radio-frequency signals to a receiver and the system informs occupants when tire pressure is too low
- Traction control system: Senses drive-wheel slip and applies individual brakes to slipping wheel(s) and

reduces excess engine power until traction is regained

- Trailer-sway control: Reduces trailer sway and improves handling while exposed to crosswinds or other adverse towing conditions; system monitors vehicle's movement relative to driver's intended path and activates brakes accordingly, counteracting sway induced by trailer and otherwise managing momentum
- 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
- Uconnect system: Integrates world-class infotainment and convenience technologies to keep passengers connected and comfortable
- 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 paired, the user can choose to download his phonebook, 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 SiriusXM Radio stations using voice commands. The handsfree option promotes safety, freedom, value and flexibility

### **Ram Truck Brand**

In 2009, the Ram Truck brand launched as a stand-alone division, focused on meeting the demands of truck buyers and delivering benchmark-quality vehicles. With a full lineup of trucks - the Ram 1500, 2500/3500 Heavy Duty, 3500/4500/5500 Chassis Cab and ProMaster - the Ram brand builds trucks that get the hard work done and families where they need to go.

Ram continues to outperform the competition and sets the benchmark for:

- Best-in-class standard horsepower
- Segment-first 1,000 lb.-ft of torque with Cummins Turbo Diesel
- Most luxurious: Ram 1500 Tungsten with real metal and leather elements and a new 14.5-inch Uconnect touchscreen
- Best ride and handling with a double wishbone front suspension and five-link solid rear axle with available, segment-exclusive, active-level, four-corner air suspension
- Best-in-class available rear leg room
- The most cargo space available in any traditional full size cargo van
- Most capable full-size off-road pickup – Ram Power Wagon
- Most awarded light-duty truck in America
- Highest owner loyalty of any half-ton pickup

The latest [J.D. Power APEAL study](#), which rates the emotional bond between customers and their vehicles, named the 2023 Ram 1500 as the best full-size light-duty pickup.

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