

**can-am**



## **Backgrounder**



### **2010 Can-Am Outlander MAX 800R LTD ATV**

In 2010, the Outlander™ MAX 800R LTD ATV is still designed to let one or two riders explore the trail in comfort and style. However, this year, it gets power steering thanks to the Can-Am™ Dynamic Power Steering system with its dual-mode adjustability. Along with the DPS, Can-Am adds the Visco-Lok† QE calibration to the front differential. The Outlander Max 800R LTD gets an updated, full-colour Garmin‡ Nüvi‡ 500 touch screen GPS unit that can be easily removed and taken in the car for turn-by-turn navigation.

For this model year, BRP with Can-Am brings a never-before-seen technology to the ATV industry: Can-Am's exclusive Air-Controlled Suspension (ACS). The ACS system lets the rider choose between six preset suspension settings for the two Fox Racing Shox-built shocks. BRP chose premium Fox Racing Shox for the ultimate in performance and durability. From bicycles to dirt bikes to ATVs, Fox is an industry leader in suspension systems. The system can be adjusted on the fly to suit changing trail conditions or rider preferences. An added feature of the ACS system is an air hose from the compressor that can be used to fill tyres while out on the trail.

#### **2010 Outlander 800R EFI MAX LTD Highlights**

- Industry's first luxury touring ATV
- Air-controlled Suspension system for rider-selectable suspension performance and machine comfort no matter the load or terrain
- Rotax® 800R EFI V-twin delivers smooth power
- MAX configuration designed specifically for stability and comfort of two riders
- Integrated removable Garmin Nüvi 500 GPS
- Limited edition painted plastic: Metallic Grey
- Two-tone seat trim
- Limited edition cast aluminium wheels – polished aluminium with painted highlights
- Fender mudguards
- Muffler trim
- Comfort handlebar grips
- XT™ package: 1,361 kg (3,000 lbs) winch with handlebar and remote controls, roller fairlead, Carlisle‡ ACT‡ tyres, steel bumpers and more

**Outlander 800R EFI MAX LTD Family Key Features**

**Rotax 800R V-Twin engine (option)** – This 80<sup>0</sup> V-twin engine is still the most powerful engine in the industry\*. The liquid-cooled, single overhead cam power plant has four valves per cylinder and is fed by a 46mm throttle body and two VDO Siemens<sup>+</sup> fuel injectors. The sophisticated electronic fuel injection system automatically keeps the 800R engine's performance at its peak, regardless of temperature or altitude. The progressive throttle ensures power is manageable whether in precise rock crawling or opening it up on the straights.

**NEW Air-Controlled Suspension (ACS)** – The 2010 Can-Am Outlander MAX LTD line comes equipped with the industry's first air-controlled suspension. The ACS adjusts the rear Fox Racing Shox-built suspension to five rider-selectable levels depending on the trail conditions or rider preference. This allows the LTD to maintain handling characteristics even when fully loaded. The ACS air compressor also comes with a hose that can be used to fill tyres while out on the trail.

**NEW Dual-mode Dynamic Power Steering (DPS)** – The Can-Am DPS system has two modes meaning the rider can choose the amount of assist depending on the conditions. Each DPS-equipped model with its dual-mode selectability for the ultimate in rider control depending on the conditions.

**NEW Visco-Lok QE front differential** – Progressively transfers power from a slipping front wheel to the gripping one – automatically with no buttons to push or levers to pull. Plus, there's no wheel hop or driveline wind-up so the system is totally transparent to the driver and extremely easy to steer. Can lock up to 100% with no rev or speed limiter. All DPS-equipped models come with the Visco-Lok QE calibration giving an even quicker engagement of the front differential. This differential, unlike some competitor's differentials, does not have a speed or rev limiter.

**NEW More-powerful magneto** – The LTD package provides a more-powerful magneto with 650 watts of power output.

**NEW Removable Garmin Nüvi 500 touch-screen GPS unit** – Rugged full-colour GPS unit removes from its cradle on the handlebars and can be used for driving, hiking, walking or boating. The unit is also geocaching ready and comes with an 8-hour rechargeable lithium-ion battery. Use the Micro SD<sup>‡</sup> slot to expand the memory of the unit or load new maps. For the car, the Nüvi 500 features turn-by-turn directions for easy navigation.

**Trailing Torsional Independent (TTI<sup>™</sup>) rear suspension** – Trailing arm design provides excellent control and stability, especially in rough terrain by eliminating scrub. Wheels move rearward as they move up and down producing a smoother ride than the competition, and the ATV does not waver down the trail. Plus, TTI has 75% fewer parts than competitive designs and significantly decreases tyre wear.

**Surrounding Spar Technology (SST<sup>™</sup>) frame** – Rather than the common tubular box, the SST frame is a single spar that is lightweight, yet strong. It contributes to the Outlander model's benchmark power-to-weight ratio and low centre of gravity.

**NEW Improved front suspension geometry** – Our engineers worked hard to improve the handling of the front end by adjusting the geometry of the front suspension. The result? Lighter steering on the trail meaning less rider fatigue. (800R version only)

**BRP XL 3000 Winch** – At 1,360 kg (3,000 lbs) capacity, 227 kg (500 lbs) more than the 2007 model. The winch comes complete with a roller fairlead and its remote control stows in front storage compartment.

**High-density polyethylene injection-molded skid plate** – Added protection

**NEW 12-inch LTD-exclusive cast-aluminum wheels** – Lightweight 4 twin spoke design gives an aggressive and premium look to the Outlander. The new wheels save 0.64kg of unsprung weight versus last year's LTD wheels.

**66cm (26-inch) Carlisle ACT radial tires** – Great lightweight traction

**Steel front and rear bumpers** – Heavy duty and a tough look

**Wind deflectors** – Premium look and protection from brush and cold

**Inboard disc brakes** – Unique design both front and rear reduces unsprung weight and helps centralise masses for more responsive handling. Also better protects against mud and debris.

**Color options** – Comes with painted plastic in Metallic Silver.

**Digitally Encoded Security System (D.E.S.S.)** – Industry's first standard anti-theft device. Electronic code in key must match code in ECU to start.

**Front and rear steel racks** – 45 kg (100 lbs) capacity in front, 90 kg (200 lbs) in back.

### **Outlander MAX Benefits**

Outlander MAX models are designed specifically for riding with a passenger. The longer vehicle wheelbase not only delivers rock-solid stability and super predictable handling with a passenger, but one-up too. Ability to swap the seat and rack extension box without tools makes the MAX model extremely versatile.

**Longer vehicle wheelbase** – The passenger rides well in front of the rear axle for rock-solid stability and super predictable handling.

**Stadium-style seating** – The passenger rides above the driver, stadium-style, and can see down the trail.

**Passenger comfort features** – A well-padded active backrest moves with rider. Raised footrests and multi-position handholds add comfort.

**Convertible rack system** – The passenger seat can be removed and replaced with a rack extension/totalable cargo box in just seconds, without tools. BRP offers several accessories, such as a cargo box and touring box that interface seamlessly with this system.

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\*as per manufacturer's official MY09 declaration to the California Air Resources Board

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