



Press release

BRP EXPANDS ITS BOMBARDIER ATV OUTLANDER SERIES TO THE 650 H.O. EFI

Valcourt, Québec, November 15, 2005 – Bombardier Recreational Products Inc. (BRP) releases the **Outlander™ 650 H.O. EFI**, a new Bombardier* ATV aimed at one of the industry's fastest growing segments, the 600-700 recreational-utility "rec-ute" class. With its combination of the most powerful engine in the class and lightweight, sophisticated platform, the Outlander 650 H.O. EFI will set the standard in the booming 600-700cc rec-ute class. The new ATV fits into the company's new focus on ATV enthusiasts.

The 650's engine, the **Rotax 650 H.O. EFI**, is a smaller displacement version of the 800. In addition to the most power in the class, the 80-degree V-twin delivers torque with a throaty sound enthusiasts will love. The advanced electronic fuel injection and engine management system ensure optimum performance in all conditions at all RPMs – including easy starting in cold weather or at altitude.

The engine is not the only key component shared with the 800 – in fact, the Outlander 650 is equipped with all the best and latest BRP technologies that make the Outlander 800 H.O. EFI a blast to ride and own. Such as the SST frame, TTI rear suspension and Visco Lok[†] differential, new double A-arm front suspension, additional front and rear travel, added ground clearance, steel racks with added capacity, D.E.S.S. security system and multi-function information centre gauge.

“The new Outlander 650 H.O. EFI is exactly what a Bombardier* ATV is – a powerful, lightweight, versatile and fully loaded four-wheeler with fun as a standard feature,” said Pierre Arseneault, Vice President and General Manager Snowmobiles, Watercraft, ATVs and Sport Boats, BRP. “We are going to continue to expand our line-up with vehicles that do more than go from point A to point B. We want to make that ride fun and easy – something you look forward to all week.”

BRP Debuts Outlander 650 H.O. EFI V-Twin

The Outlander 650 H.O. EFI is also available as an Outlander MAX™ two-rider vehicle. And both the standard and MAX models are available as an XT model including:

- 2,500 pound [1134 kg] Warn†† winch
- heavy-duty front and rear steel bumpers
- handlebar guards
- aggressive Carlisle Act Radial Tires

BRP, a privately-held company, is a world leader in the design, development, manufacturing, distribution and marketing of motorised recreational vehicles. Its portfolio of brands and products includes: Ski-Doo® and Lynx™ snowmobiles, Sea-Doo® watercraft and sport boats, Johnson® and Evinrude® outboard engines, direct injection technologies such as Evinrude E-TEC™, Bombardier* ATV all-terrain vehicles, Rotax® engines and karts.

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†Visco-Lok is a trademark of GKN Viscodrive GmbH

††Warn is a trademark of Warn Industries, Inc.

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Backgrounder



Key Outlander 650 H.O. EFI Features:

Rotax 4-TEC 650 H.O. EFI V-twin – The most powerful engine in its class. 80-degree V-Twin for satisfying torque and sound. Sophisticated EFI system improves throttle response, fuel economy and ensures easy starting and performance in all conditions.

Trailing Torsional Independent [TTI] Rear Suspension – The trailing arm design, with single pivots positioned ahead of the wheels on a torsion bar, allows the wheels to travel straight up and down, delivering constant, straightforward travel and better overall handling.

Surrounding Spar Technology [SST] frame – The unique extruded steel frame of the SST surrounds the engine, with less material, fewer welds and less weight than conventional ladder-type frames. Its narrow centre spar provides ski-like slide-and-glide action for getting over obstacles.

Visco-Lok Auto-Locking Front Differential – Delivers true all-wheel drive by monitoring speed at all times and progressively adjusts torque without having to push any buttons. It delivers all the needed traction when it's needed, without compromising steering and handling.

Continuously Variable Transmission [CVT] – Quick engagement “get-on-and-go” capability and instant performance. Engine braking is standard for improved control on descents.

Double A-arm front suspension – Reduces bump steer and steering effort. Aluminum upper arms and mounts reduce weight.

Inboard disc brakes – Front and rear disc brakes are located at the differential, inboard along the chassis axis. So they are protected, plus, there's less unsprung weight at the wheel. Bottom line – more effective, fade-resistant braking when you need it.

Steel Racks – New steel racking system increases capacity, 100 pounds [46 kg] in the front and 200 pounds [92 kg] in back and adds lashing versatility.

BRP Debuts Outlander 650 H.O. EFI V-Twin

Multi-function electronic gauge – Includes both an analog and digital display – the rider chooses whether the analog gauge displays RPM or speed. The other metric is shown in the digital info screen, which also features fuel gauge, gear selection, odometer, engine hour meter and resettable trip meters.

Digitally-Encoded Security System [D.E.S.S.] – The industry's first standard anti-theft system. The ATV won't start unless the rider uses the correctly coded electronic key.

Front fascia – Restyled for a more sophisticated, yet aggressive look.

Clear lens headlamps – Sophisticated style and 35% brighter.

Subtransmission – Features high, low, neutral, reverse and park settings.

Transfer Case – Choose either two- or four-wheel drive to match performance to conditions.

26-inch [66cm] Badlands Radial tires

400 Watt magneto – standard to drive a host of accessories.

Service centre – Accesses key service components easily through the front storage compartment.

Available Models:

Outlander 650 H.O. EFI

Outlander MAX 650 H.O. EFI [two rider model]

Outlander 650 H.O. EFI XT

Outlander MAX 650 H.O. EFI XT [two rider model]

XT Models include

- 2,500 pound [1134 kg] Warn⁺⁺ winch
- heavy-duty front and rear steel bumpers
- handlebar guards
- aggressive Carlisle Act Radial Tires

Available colors

Outlander 650 H.O. EFI, Outlander MAX 650 H.O. EFI: green, red, yellow.

Outlander 650 H.O. EFI XT, Outlander MAX 650 H.O. EFI XT: red, yellow.

BRP Debuts Outlander 650 H.O. EFI V-Twin

SPECIFICATIONS

	Outlander 650 H.O. EFI 4x4	Outlander Max 650 H.O. EFI 4x4
ENGINE		
Type	650cc, 4-stroke, V-twin, liquid cooled, 4-valves OHC	650cc, 4-stroke, V-twin, liquid cooled, 4-valves OHC
Bore & Stroke	82 x 62 mm	82 x 62 mm
Torque	58 Nm @ 5,500 RPM	58 Nm @ 5,500 RPM
Carburation / EFI	46mm Throttle Body, 2 Siemens VDO injectors	46mm Throttle Body, 2 Siemens VDO injectors
Starting System	Electric	Electric
Transmission	CVT, sub-transmission w/ high, low, park, neutral & reverse	CVT, sub-transmission w/ high, low, park, neutral & reverse
Drive train	Selectable 2w/4w shaft driven w/ Visco-loc front differential	Selectable 2w/4w shaft driven w/ Visco-loc front differential
CHASSIS		
Frame	SST	SST
Front suspension type Travel	Double A-arm, Forged Aluminum upper arm, 8.0 in. (203 mm)	Double A-arm, Forged Aluminum upper arm, 8.0 in. (203 mm)
Rear suspension type Travel	TTL independent, 9.0 in. (228.6 mm)	TTL independent, 9.0 in. (228.6 mm)
Front brake	2 inboard hydraulic discs	2 inboard hydraulic discs
Rear brake	1 inboard hydraulic disc	1 inboard hydraulic disc
Tires / Front	26 x 8 x 12 in 660.4 x 203 x 305 mm	26 x 8 x 12 in 660.4 x 203 x 305 mm
Tires / Rear	26 x 10 x 12 in 660.4 x 254 x 305 mm	26 x 10 x 12 in 660.4 x 254 x 305 mm
DIMENSIONS		
L x W x H (in)	86 x 46 x 45 in	94 x 46 x 45 in
L x W x H (mm)	2,184 x 1,168 x 1,143 mm	2,387 x 1,168 x 1,143 mm
Wheelbase	51 in (1,295 mm)	59 in (1,499 mm)
Dry weight	649 lbs (295 kg)	699 lbs (318 kg)
Ground clearance	12 in (305 mm)	12 in (305 mm)
Seat height	34.5 in (877 mm)	34.5 in (877 mm)
Rack capacity (front & rear)	100 lbs (45 kg), 200 lbs (90 kg)	100 lbs (45 kg), 200 lbs (90 kg)
Towing capacity	1300 lbs (590 kg)	1300 lbs (590 kg)
Fuel capacity	5.3 US gal. (20L)	5.3 US gal. (20L)
FEATURES		
Instrumentation	Multi function gauge: Speedometer, tachometer, odometer, trip and hour meter, fuel, Gear position, 4x4 indicator, diagnostics, auto shut off. Anti-theft D.E.S.S. (digital encoded security system)	Multi function gauge: Speedometer, tachometer, odometer, trip and hour meter, fuel, Gear position, 4x4 indicator, diagnostics, auto shut off. Anti-theft D.E.S.S. (digital encoded security system)
Electrical	Prewired for winch	Prewired for winch
Lighting	2 fender mounted headlamps (35W) w/ tail light / brake light	2 fender mounted headlamps (35W) w/ tail light / brake light
DC outlet	Lighter type in consol, Standard connector in the back (15A)	Lighter type in consol, Standard connector in the back (15A)
XT package content available	Warn 2500 CI winch, aggressive tread Carlisle ACT Radial tires, heavy duty front & rear bumpers, handguards	Warn 2500 CI winch, aggressive tread Carlisle ACT Radial tires, heavy duty front & rear bumpers, handguards