

On every road there is an intersection
beyond which things will never be the same.

There is a specific point that marks a departure from the expected.
Steering us sharply towards the never-considered. It's time to experience
the rewards of challenging convention. Time to travel a new road. /



Introducing the Can-Am Spyder.

Nothing you've experienced prepares you for the thrill of hitting the open road astride a Spyder™ roadster. Its revolutionary 3-wheeled stance alters the chemistry between vehicle and asphalt. Leaving riders forever changed by what can only be described as the



SPYDER™



Born at the outer fringe of reality /

The Spyder represents a new point on the perceptual map. Its supernatural design turns heads.

And stops traffic. It resides beyond the conventions of motorcycles and automobiles.

Combining the best of two and four-wheeled rides, laced with the thrill of off-road powersports.

And it all begins at the end of your driveway.



The open road, now considerably more open /

From the moment you seat yourself at the controls everything is different. No doors, windows or roof to constrain your senses. Within the first mile the ride lives up to the machine's initial visual impression. From the assertiveness of the Rotax® 990 engine, to the thrill of the active riding style, to the magnetic cornering, everything is designed to heighten your experience.



 **FACTOR:** Spyder brings the active riding style, commonly associated with off-road vehicles, to the road. The result is an entirely new riding sensation on pavement.




V-FACTOR: The visual balance of the Spyder has been carefully crafted, and sports a flowing edge design that creates the illusion of motion, even when stopped.

There are over 30 million miles of underutilized pavement /

No paved road intimidates the Spyder. In challenging road conditions the Y-architecture creates a confidence-inspiring stance. At the heart of the Spyder, advanced technology enhances dynamic control and stability. The result is a sure-footed approach that lets you focus more on the thrill of the ride.




 **-FACTOR:** Spyder features the Vehicle Stability System (VSS™), which helps keep the vehicle on the rider's intended trajectory.



Y-FACTOR: The Y-architecture helps riders quickly feel comfortable with the vehicle's handling and makes for a more enjoyable experience for riders and passengers alike.



Dissecting the 



SST FRAME

1↓4↑+R

ROTAX 990

ELECTRONIC CONTROL

/ skeleton /

Spyder is built around a Surrounding Spar Technology (SST™) frame, featuring a minimalist steel center beam, surrounding the engine. It minimizes weld points for greater structural integrity. This light and slim frame provides a low center of gravity to enhance stability and handling.

/ muscle /

Fluid motion stems from the smooth 5-speed gearbox created specifically for the Spyder. It features a true mechanical reverse. An optional thumb-shift sequential electronic transmission offers even greater ease of use. The final belt drive provides ultra-smooth gearing and easy maintenance.

/ heart /

Providing life under the hood is a Rotax 990cc, V-twin liquid cooled engine. It delivers a strong push and responsive acceleration throughout the power band. Advanced features include double overhead cams and a state-of-the-art electronic fuel management system.

/ nervous system /

Spyder senses its surroundings utilizing multiple on-board Electronic Control Units (ECUs). These sophisticated systems monitor a broad range of functions, from wheel slippage to digitally encoded security information.



V-Twin engine
Provides the right amount of power at a wider rpm range

Dual-overhead cams
Cams actuate multiple inlet and exhaust valves allowing for improved efficiency and power

106 peak horsepower
Reached at 8500 rpm

heart (enlarged)

Peak torque
77 foot-pounds at 6250 rpm

Environmental compliance
Meets or surpasses today's most stringent environmental regulations including CARB, EPA and Euro-2

Electronic Fuel Injection
Provides precise throttle response, crisp acceleration, reliable engine starting and improved fuel economy

Rotax 990 V-Twin liquid cooled engine
Over the past 50 years, BRP-Rotax has built more than 6 million engines, powering the world's most impressive on- and off-road machines. To bring the Spyder to life, BRP started with the legendary Rotax 990 engine, which comes with an impressive track record in racing, touring and adventure motorcycling.

/ VSS / vehicle stability system*

The Y-architecture enables the Spyder to host an innovative stability system.

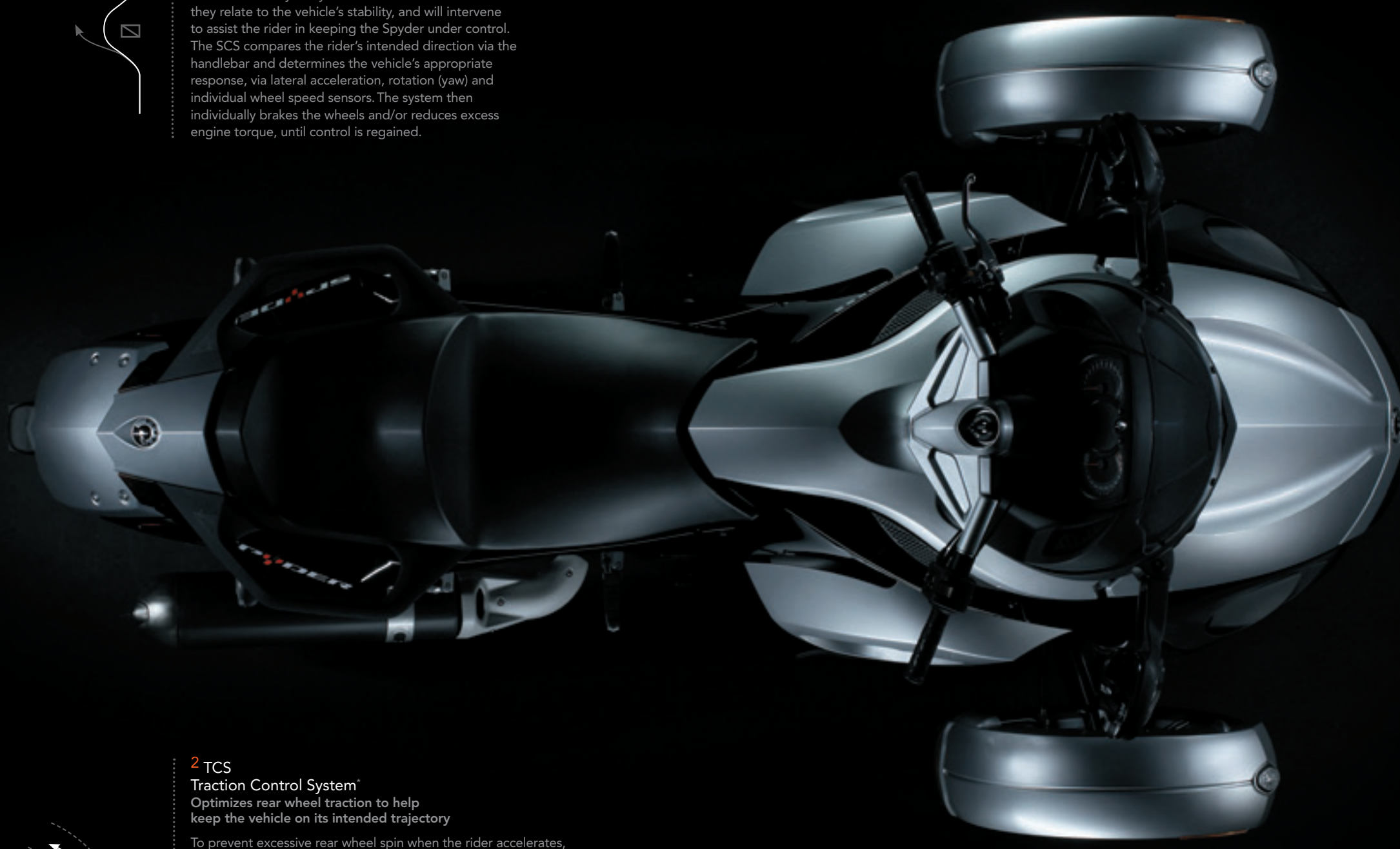
Developed in conjunction with Bosch, the VSS reduces the risk of losing control.

It immediately detects any loss of traction and quickly takes steps to correct it. Integrated in VSS are the functions of SCS¹, TCS² and ABS.³

See the VSS in action.

For more on the Vehicle Stability System, including video demonstrations, visit can-am.brp.com.

*The VSS functions are standard features of the Can-Am Spyder roadster, so that the rider can operate the vehicle more safely. However, there is no substitute for a prudent driving style and good common sense when it comes to ensuring a safe and enjoyable ride. Illustrations of vehicle paths may differ depending on the conditions and environment. You must read the Operator's Guide and watch the Safety DVD.



1 SCS Stability Control System*

Assists in maintaining control in emergency avoidance maneuvers
SCS continuously analyzes motion and forces as they relate to the vehicle's stability, and will intervene to assist the rider in keeping the Spyder under control. The SCS compares the rider's intended direction via the handlebar and determines the vehicle's appropriate response, via lateral acceleration, rotation (yaw) and individual wheel speed sensors. The system then individually brakes the wheels and/or reduces excess engine torque, until control is regained.

2 TCS Traction Control System*

Optimizes rear wheel traction to help keep the vehicle on its intended trajectory
To prevent excessive rear wheel spin when the rider accelerates, the rear wheel speed sensor continuously transmits the rear wheel speed to the TCS control unit. Every time the wheel shows a tendency to spin excessively, with its grip breaking loose from the road surface, the TCS reduces the engine torque for a moment, by regulating engine ignition and fuel injection. This allows the rear wheel to remain within the limit of the grip between the tire and road surface. This enables the Spyder to accelerate with minimal corrective control input from the rider.

3 ABS Anti-lock Braking System*

Helps maintain steering control while braking
To help prevent the loss of steering control, sensors monitor the rotation of all three wheels, enabling the ABS control unit to detect any variation in wheel rotation. If any of the wheels are at risk of locking, the ABS briefly reduces brake pressure on it, preventing wheel lock from occurring. This intervention is repeated in rapid succession and can be performed independently on each wheel. This ensures that all wheels maintain uniform rotational speed. So, wheels remain available for steering control force in response to the rider's input.

cargo & command center

Storage
The front storage compartment provides 44 liters of capacity, enough to fit 2 helmets. It can be locked and unlocked at the handlebars. The storage is ideal for shopping and traveling.

Multi-function gauge cluster
The state-of-the-art gauge provides a quick overview of all critical functions. The user friendly display lets you choose which information you want to view on the digital display. It is also home to the comprehensive diagnostic center.



1 Body. 4 Brains.

Spyder incorporates some of the most sophisticated electronic management systems on any vehicle today. In fact 1 CAN BUS system integrates several Electronic Control Units (ECUs), making the Spyder one of the most intelligent and innovative powersport vehicles on the planet.

/VSS/

Vehicle Stability System

The VSS reduces the risk of losing control of the Spyder. The VSS continuously analyzes the motion and forces as they relate to the vehicle's stability and will intervene and assist the rider in keeping the vehicle under control. Incorporated in the VSS are the functions of SCS, TCS and ABS.

brain 1

/DPS™/

Dynamic Power Steering

DPS provides a computer-programmed, variable power assist that adjusts the amount of steering effort required according to speed, load and torque. This optimizes steering effort and improves handlebar comfort, even at very low speeds.

brain 2

/EFI/

Electronic Fuel Injection

EFI regulates the amount of fuel released into the cylinder to optimize performance. This provides precise throttle response, crisp acceleration, reliable engine starting and improved fuel economy.

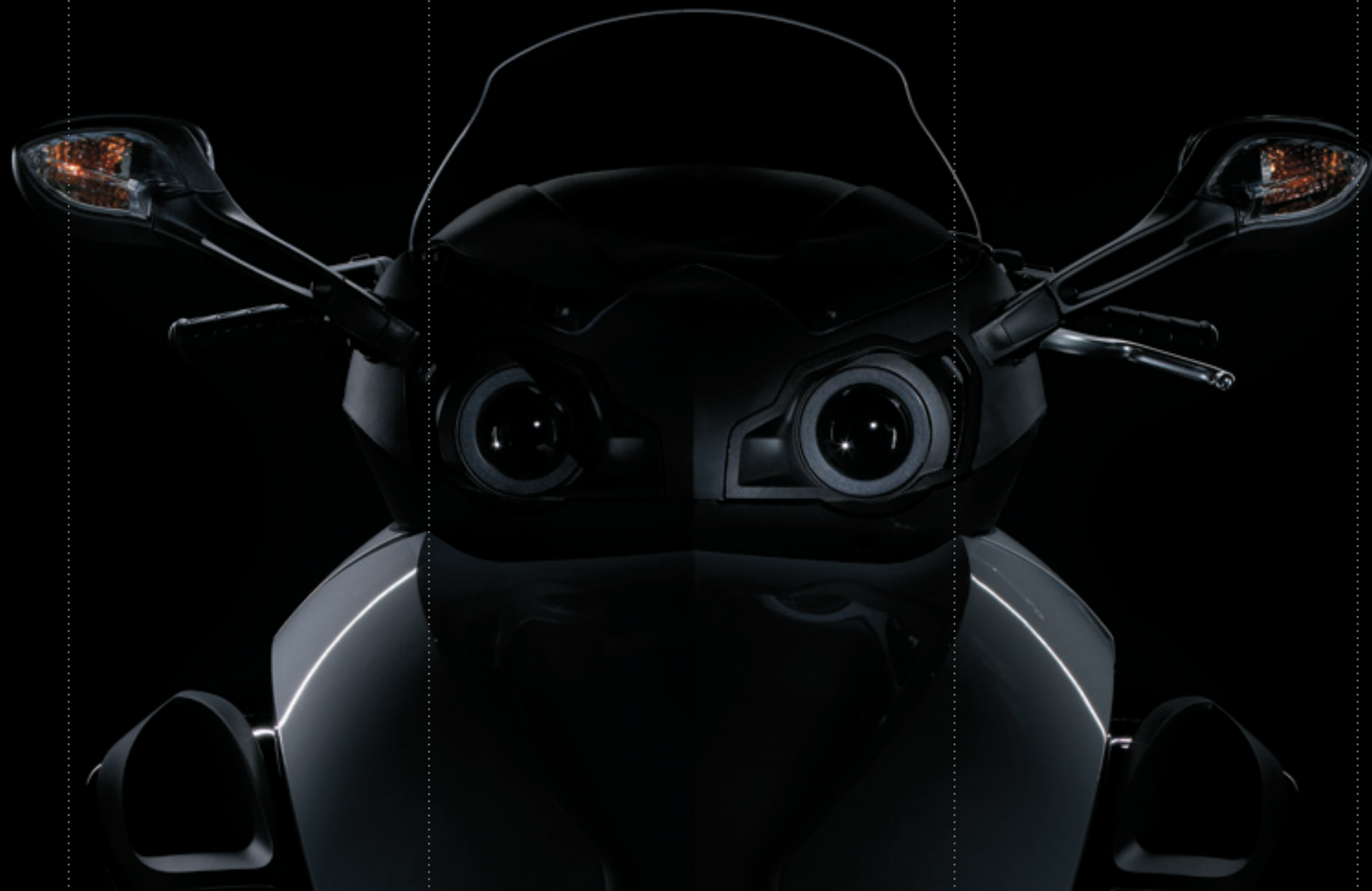
brain 3

/DESS™/

Digitally Encoded Security System

To help protect the Spyder from theft or other unauthorized use, the vehicle will not start unless the rider uses the correctly coded electronic key.

brain 4



Spyder Vitals



Full Moon



Millennium Yellow

/ Engine /

Manufacturer	BRP-Rotax
Type	990 V-Twin
Displacement	60.90 in ³ (998cc)
Bore	3.82 in (97 mm)
Stroke	2.68 in (68 mm)
Cylinder	2
Valves per cylinder	DOHC 4
Max output	106 hp @ 8500 rpm (79 kW @ 8500 rpm)
Max torque	77 lb-ft @ 6250 rpm (104.3 Nm @ 6250 rpm)
Compression ratio	10.8:1
Ignition type	Electronic ignition with dual output coil
Lubrication	5W40 BRP synthetic oil
Exhaust system	2-into-1 with catalytic converter
Cooling	Liquid cooled
Injection	Multi-point EFI with 57 mm diameter throttle bodies

/ Drive Train /

Gear box	Sequential Manual 5-Speed (SM5) with transmission-based reverse
Optional gear box	Sequential Electronic 5-Speed (SE5) with transmission-based reverse
Final drive	28/79 ratio final drive with Carbon-reinforced drive belt
Clutch	Wet, multi-plate, manual operation through a hydraulic piston

/ Electric Equipment /

Magneto	500 Watt
Starter	Electric
Battery	Dry Cell, 12V, 21 Amp

/ Geometry /

Front suspension	Double A-Arm with anti-roll bar
Front suspension travel	5.67 in (144 mm) with adjustable cam
Rear suspension	Swing-arm with monoshock
Rear suspension travel	5.71 in (145 mm) with adjustable cam
Chassis type	SST Spyder (Surrounding Spar Technology)
Steering	DPS (Dynamic Power Steering)

/ Tires & Wheels /

Front tire	KR21 165/65R14
Front nominal pressure	13-17 psi (89-117 kPa)
Rear tire	KR21 225/50R15
Rear nominal pressure	13-17 psi (89-117 kPa)
Wheel size, front	Aluminum 14x5 (355x127)
Wheel size, rear	Aluminum 15x7 (381x178)

/ Brakes /

Type	Foot-actuated, fully integrated hydraulic 3-wheel braking system
Front braking system	4 piston calipers with 10.2 in x 0.25 in (260 mm x 6 mm) discs
Rear braking system	Single-piston caliper with 10.2 in x 0.25 in (260 mm x 6 mm) disc
EBD	Electronic Brake Distribution
ABS	Anti-lock Braking System
Parking brake	Mechanical, foot actuated to the rear caliper

/ Safety & Security /

VSS	Vehicle Stability System
ABS	Anti-lock Braking System
TCS	Traction Control System
SCS	Stability Control System with Roll-Over Mitigation
DPS	Dynamic Power Steering
DESS	Digitally Encoded Security System

/ Vehicle Dimensions & Weights /

Dry vehicle weight	697 lbs (316 kg)
Front storage capacity	2,685 in ³ (44 l)
Front max load capacity	30 lbs (15.9 kg)
Total vehicle load allowed	440 lbs (200 kg)
Fuel capacity	7.13 US gal (27 l)
Oil capacity	1.19 US gal (4.5 l)
Coolant capacity	0.85 US gal (3.2 l)
GVWR	1,188 lbs (540 kg)
Ground clearance	4.5 in (115 mm)
Vehicle overall height	45.1 in (1,145 mm)
Vehicle overall length	105 in (2,667 mm)
Vehicle overall width	59.3 in (1,506 mm)
Seat (top) height	29 in (737 mm)
Wheel base	68 in (1,727 mm)
Wheel track, front	51.5 in (1,308 mm)
Type of gas	Unleaded, 87 octane minimum

/ Features & Main Options /

Color choices	Full Moon Millennium Yellow
Instrumentation	Dual analog and LCD w/speedometer, tachometer, electric fuel gauge, daily trip (A & B) meters, engine temperature, ambient temperature and gear position indicator. Information displayed in either metric or US Standards
Main options	Fog lights, xenon lights, mono seat cover, racing exhaust pipe, travel bags, cargo liner, passenger backrest, low and high windshields
Warranty	2 years

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Any offer to purchase, purchase, order, offer for sale, sale or transaction will be subject to the compliance of the Spyder roadsters with all governmental regulations and to the receipt of all required licenses and authorizations.

Enhancing the -Factor.

When you're on a machine that attracts the attention of everyone it passes, nothing goes unnoticed. Which is why BRP offers a full line of Can-Am clothing and accessories designed to enhance the appearance of both rider and machine. While heightening the on-road thrill, and maximizing comfort.





It's time for your first encounter /
To experience the Y-Factor for yourself, start by exploring
all there is to see at can-am.brp.com.

SPYDER

THE WORLD IS OUR PLAYGROUND

Nothing is more valuable than your playtime. That is why BRP is dedicated to continuously finding new and better ways to help you enjoy your favorite powersports. From snow to water to both on and off-road fun, our passion for adventure fuels the innovations that result in the ultimate powersports experience for our customers. We value



the land and water we play on, and are committed to protecting it. Our desire to thrill is paired with an emphasis on rider responsibility, placing personal safety above all else. So that each outing can be the most enjoyable, memorable and thrilling experience possible. Because your free time should always be your best time.

www.brp.com



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