

2016 Vulcan S ABS Caf?

The Vulcan S ABS Caf? is not your average cruiser.

The Vulcan S ABS Caf? stands apart, with its Parallel Twin engine, unique frame and suspension layout, and its very non-traditional looks. Unlike any other cruiser, the Vulcan S ABS Caf? is geared to fit a wide range of riders. Never taking away from its stylish features, this bike takes comfort, adjustability and ease of use to another level. Designed for independent-minded riders, it does not require the rider to conform to any herd mentality fashion or lifestyle. Special attention paid to ensuring high levels of fit & comfort, and confidence in riding make the Vulcan S ABS Caf? an attractive option for new riders and female riders looking for a stylish, accommodating motorcycle. Accessible in all senses of the word, with the Vulcan S riders can come as they are, and just get on and go. LAMS ready with a low seat height the Vulcan S ABS Caf? ticks all the boxes.



Engine

Type	Liquid-cooled, 4-stroke Parallel Twin
Displacement	649 cm ³
Bore and Stroke	83.0 x 60.0 mm
Compression ratio	10:9:1
Valve system	DOHC, 8 valves
Fuel system	Fuel injection: Ø 38 mm x 2 with sub-throttles
Ignition	Digital
Starting	Electric
Lubrication	Forced lubrication, wet sump

Drivetrain

Transmission	6-speed, return
Final drive	Chain
Primary reduction ratio	2.095 (88/42)
Gear ratios:	1st 2.438 (39/16)
	2nd 1.714 (36/21)
	3rd 1.333 (32/24)
	4th 1.111 (30/27)
	5th 0.966 (28/29)
	6th 0.852 (23/27)
Final reduction ratio	3.067 (46/15)
Clutch	Wet multi-disc, manual

Frame

Type	Perimeter, high-tensile steel
Wheel travel:	front 130 mm
	rear 80 mm
Tyre:	front 120/70-18M/C 59H
	rear 160/60-17M/C 69H
Caster (rake)	31°
Trail	120 mm
Steering angle (left/right)	35° / 35°

Suspension

Front:	Type	41 mm telescopic fork
Rear:	Type	Offset laydown single shock linkage equipped
	Spring preload	5-way adjustment

Brakes

Front:	Type	Single 300 mm discs
	Caliper	Dual-piston
Rear:	Type	Single 250 mm disc
	Caliper	Single-piston

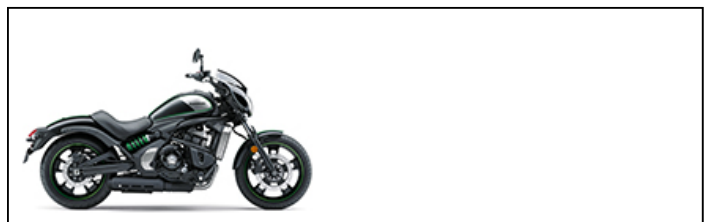
Dimensions

Overall length	2,310 mm
Overall width	880 mm
Overall height	1,100 mm
Wheelbase	1,575 mm
Ground clearance	130 mm
Seat height	705 mm
Curb mass	226 kg Includes full fuel tank
Fuel capacity	14 litres

Performance

Maximum power	35 kW {48 PS} / 7,900 rpm
Maximum torque	57 N·m {5.8 kgf·m} / 3,800 rpm
Warranty	24 months, Unlimited Kilometres

Colour



Metallic Matte Carbon Gray with Metallic Matte Phantom Silver

The specifications mentioned here apply to and have been achieved by production models under standard operating conditions. We intend only to give a fair description of the vehicle and its performance capabilities but these specifications may not apply to every machine supplied for sale.

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Easy to control liquid-cooled, DOHC, 8-valve 649 cm³ Parallel Twin Engine

Compact engine tuned for low- and mid-range performance offers an easy to-control character and gratifying acceleration.

Modern Urban Styling

Flowing style with long-and-low stance and modern elements like the original headlamp and cast wheels with five spoke pair design give the Vulcan S very nontraditional cruiser looks.

Light Handling

Low overall weight, fine-tuned chassis rigidity balance, 18"/17" radial tyres and suspension settings result in a bike with light, easy handling and easy manoeuvrability.

Relaxed, foot-forward riding position

The compact engine and slim frame result in a design that is narrow at the knees and feet. Forward positioned footpegs are ideal for relaxed, cruiser-style riding. 3-position footpegs allow riders to adjust foot position to suit size and preference. (Adjustment is with optional accessory parts.)

Low seat height

Low seat and slim overall design make it easy to reach the ground with both feet, contributing to rider confidence.

ABS brakes standard

Large-diameter disc brakes balance ample stopping power with easy control. Customers looking for an added degree of reassuring braking performance with standard front and rear ABS.



Liquid Cooled Parallel Twin Engine

Liquid-cooled, DOHC, 8-valve 649 cm³ Parallel Twin with fuel injection delivers smooth, responsive performance, especially in the low and medium rpm ranges. The engine was tuned for rider-friendly power characteristics that will inspire confidence in new riders. The Vulcan S offers smooth starts from a standstill, smooth acceleration, and a satisfying pull when accelerating. The strong acceleration facilitates highway merging and passing. The Vulcan S is



Tyres and Brakes

Wheel sizes (18-inch for the front, 17-inch for the rear) are closer to those found on a sport bike than a typical cruiser model (which often have much larger front wheels). The slightly larger front wheel contributes to the Vulcan S's natural, light handling.

The Vulcan S is equipped with front and rear ABS disc brakes. The 300mm front is gripped



Custom Fit & Adjustability

Footrest position adjustable with three positions available: STD, 25 mm forward, 25 mm back. (Alternate shift linkage rods, sold separately, are necessary when changing the position from standard.)

also fitted with the Kawasaki exclusive neutral finder, when stationary in first gear, just shift up and it will automatically find neutral.

and 250mm rear brake rotors are gripped by a twin-piston caliper at the front and a single piston caliper for ample stopping power.



Low Comfortable Seat

Features a low 705 mm seat height. The seat design with thick, 62 mm padding offers a wide surface and excellent hip support, ensuring ample comfort for city riding and short tours. The seat bracket is rubber-mounted, reducing vibration transferred through the seat. Optional long and short seats are also available.

D-Shaped Swingarm

The swingarm's D-shaped cross-section gives it a pipe-like design that matches the frame, and contributes to the high-quality appearance.

Offset Rear Shock

Offset laydown rear single-shock suspension is distinctive styling element, contributing the trend setting design. Pre-load adjustment is via an easy access 5-way cam wheel.



Special Styling

Three-tone paint, signature tank badging and green highlights on the wheel rims and rear shock absorber spring the Vulcan S ABS Café helps it to stand out in the crowd.

Instrumentation

Compact, stacked instrument cluster matches the bike's overall design and features an easy-to-read layout. Analogue-style tachometer and multi-function LCD screen use blue LED backlights for excellent visibility at night. Features include a fuel gauge, digital speedometer, clock, odometer, dual trip meters, remaining range, average/instant fuel consumption and the Economical Riding Indicator.

Wind Deflector Screen

Dark-tinted windshield deflector helps wind management for a more comfortable ride.



Rear Fender

Tail fender shaped to hug the rear wheel as closely as possible, creating a compact cruiser-style design. The design was made

Frame

Elegant pipe perimeter frame is a key component of the Vulcan S's identity. The bike's bodywork accentuates the frame, rather

Muffler

Attractive bend of the exhaust pipes and an under-engine muffler arrangement contribute to the Vulcan S's attractive styling.

possible in part by the offset laydown rear shock.

than hiding it. The design of the frame, rear suspension and swingarm create an integrated line running from the front of the bike to the rear hub. A pipe frame of high-tensile steel gives the bike a lightweight appearance. 3D analysis was used to achieve the target rigidity and stress values.

Vulcan S ABS Accessories

Full Range of Accessories Available

Additional 2015 Colour

