

2016 Vulcan 900 Custom

The Vulcan 900 Custom - Style, Flair and Performance

Sometimes, you can not help but smile. Vulcan 900 Custom is an easy motorcycle to like. First, the bike's custom styling oozes attitude from its big front tyre to the blacked out mufflers and other parts that typically wear a chrome coating. The drag-style handlebar and the low-slung seat put the rider in the perfect position to get the most out of this easy to ride yet powerful cruiser.



Vulcan 900 Custom is a factory built custom bike that really stands out from the crowd ? it is the result of Kawasaki's pursuit of the essence of a true custom motorcycle. A study in contrasts, its low-set rear, massive rear tyre and solid disc wheel are juxtaposed against a clean and lightweight front end.

Engine

| | |
|-------------------|---|
| Type | Liquid-cooled, 4-stroke V-Twin |
| Displacement | 903 cm ³ |
| Bore and Stroke | 88.0 x 74.2 mm |
| Compression ratio | 9.5:1 |
| Valve system | SOHC, 8 valves |
| Fuel system | Fuel injection: Ø 34 mm x 2 with dual throttles |
| Ignition | Digital |
| Starting | Electric |
| Lubrication | Forced lubrication, wet sump |

Drivetrain

| | |
|-------------------------|------------------------|
| Transmission | 5-speed, return |
| Final drive | Belt |
| Primary reduction ratio | 2.184 (83/38) |
| Gear ratios: | 1st 2.786 (39/14) |
| | 2nd 1.889 (34/18) |
| | 3rd 1.360 (34/25) |
| | 4th 1.107 (31/28) |
| | 5th 0.963 (26/27) |
| Final reduction ratio | 2.063 (66/32) |
| Clutch | Wet multi-disc, manual |

Frame

| | |
|-----------------------------|-----------------------|
| Type | Double-cradle, steel |
| Wheel travel: | front 150 mm |
| | rear 103 mm |
| Tyre: | front 80/90-21M/C 48H |
| | rear 180/70-15M/C 76H |
| Caster (rake) | 33° |
| Trail | 182 mm |
| Steering angle (left/right) | 36° / 36° |

Suspension

| | | |
|--------|----------------|-----------------------|
| Front: | Type | 41 mm telescopic fork |
| Rear: | Type | Uni-Trak |
| | Spring preload | 7-way |

Brakes

| | | |
|--------|---------|---------------------|
| Front: | Type | Single 300 mm discs |
| | Caliper | Twin-piston |
| Rear: | Type | Single 270 mm disc |
| | Caliper | Twin-piston |

Dimensions

| | |
|------------------|--------------------------------|
| Overall length | 2,405 mm |
| Overall width | 895 mm |
| Overall height | 1,120 mm |
| Wheelbase | 1,645 mm |
| Ground clearance | 140 mm |
| Seat height | 685 mm |
| Curb mass | 277 kg Includes full fuel tank |
| Fuel capacity | 20 litres |

Performance

| | |
|----------------|---------------------------------|
| Maximum power | 37 kW {50 PS} / 5,700 rpm |
| Maximum torque | 78 N-m {8.0 kgf-m} / 3,700 rpm |
| Warranty | 24 months, Unlimited Kilometres |

Colour



Pearl Crystal White and Metallic Carbon Gray

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.

Kawasaki Heavy Industries, Ltd. reserves the right to alter specifications without prior notice. Equipment illustrated and specifications may vary to meet individual markets. Available colours may vary by market.

Kawasaki Technology - Click on the Icon to view more information



Key Features

- 903 cm³ V-twin provides an optimal balance of performance and manageability in a stylish package
- Black cast wheels ? solid-look rear and ?twin-spoke? front
- Forward-mounted foot controls and drag-style bar for laid-back riding position with plenty of attitude
- Fat 180-series rear tyre is widest in class and aids in the big bike feel
- Stylish tank-top instrumentation includes convenient fuel gauge
- Class-leading 20 litre fuel tank
- Efficient belt drive runs cleaner and with less maintenance than a chain
- Digital fuel injection delivers precise throttle control with improved fuel economy

Crisp, Clean Lines by Design

Designed with custom styled looks in mind, the one piece ?gunfighter? seat comfortably accommodates rider and passenger. The tank mounted instrument console featuring a large face speedometer and fuel gauge is slim and lightweight, contributing to the bikes elegant lines. Sleek bodywork and engine covers were designed by hand, resulting in shapes pleasing to both the eye and touch.

Chassis

Chassis geometry was designed to offer riders a combination of stability and undemanding control at low speeds. The comfortable low seat, combined with a slim frame and a fuel tank that tapers at the rear, makes it easy to reach the ground with both feet and facilitates easier manoeuvring around parking lots.

Simplicity is the Key

The uncomplicated lines from the front forks, handlebar and head light are designed to reflect the Vulcan 900 Custom?s cool and capable clean lines. Sporty, straight pull back style handlebars add to the custom styling. The paint and details on the 2016 Vulcan 900 Custom add another level of cool; red pin stripes on the wheels, shining Pearl Crystal White and Metallic Carbon Gray paint with with red pin striping, blacked out engine with polished "fins" all finished off with satin black slash cut pipes.



903cc V-Twin Power

The Vulcan 900 Custom?s 903 cm³, liquid cooled, 4 stroke, V-Twin fuel injected engine with fine atomizing injectors offer great, big bike



Going Around and Stopping

The Vulcan 900 Custom has handcrafted spoke style cast wheels shaped to form an elegant 3D double flanged design, appointing the Vulcan



Custom Style Exhaust

180 mm rear tyre provides added traction while projecting a powerful image and providing strong performance.

style. The finely tuned engine supports the low and mid range, making it easy to get rolling from stop and allowing the rider to short shift 'big bike' style.

Ample torque gives the Vulcan 900 Custom superior acceleration in the mid speed range and the smooth, efficient belt drive is low maintenance.

Smooth and reliable engine tuned to deliver a healthy dose of torque at low rpm. Gear-driven balancer allows the use of a single-pin crankshaft without excessive vibration. Rubber mounted to reduce engine vibration at all speeds

900 Custom as a true custom machine. The wheel's 18 'spokes' are arranged in pairs.

Tapered and flanged in two directions, every line and surface of each 3D spoke is exquisitely curved with an aggressive black finish.

The Vulcan 900 Custom is equipped with front and rear disc brakes. The front and 270 mm rear brake rotors are gripped by twin-piston calipers for some of the best stopping power in the class.

Custom cast 15-inch rear wheel contrasts the 'light,' tall front wheel. A massive 180 mm rear tyre gives the Custom's rear section a solid, planted look. The 15' rear cast wheel contrasts the light, tall front wheel, contributing to the Custom's dynamic design.

Aggressive black finish with a wider tyre than that found on most large-displacement cruisers



Four-Valve Cylinder Head

Provides maximum valve area for optimum flow, creating more power and low-end torque. The single overhead cam design is simple, lightweight and practical.

Long intake tracts narrow near the combustion chamber to increase intake flow speed for more efficient filling, increased torque and better low-end response.

Liquid and Air Cooling

Finned cylinders and heads combine with liquid cooling for exceptional thermal control. This assists in maintaining a consistent engine temperature for long engine life and sustained power. Extra engine cooling comes from the automatic fan.

Electronic Fuel Injection

The Vulcan 900 Custom has electronic fuel injection. Superb performance and rideability thanks to dual throttle bodies with sub-throttles. The ECU-controlled sub-throttles are located behind the main throttle valve, allowing the DFI system to provide more precise throttle response, similar to a constant velocity carburetor.

Fine-atomizing fuel injectors produce a fine fuel mist for optimal acceleration, combustion and fuel consumption. All working towards the perfect, smooth power delivery.

Dual Slash Cuts

Big slash-cut mufflers look great and contain emission reducing honeycomb catalyzers. Satin black finish for extra attitude.

Dual pipes that have a low-slung, dark attitude. The satin black finish and the slash cut style all a part of the details that contribute to the drool worth Vulcan 900 Custom.

Belt Drive

The Vulcan 900 Custom runs a belt drive. This provides lower unsprung weight than shaft drive to improve ride quality and suspension action. The Kawasaki belt drive system is low maintenance and low noise.



Positive Neutral Finder

Kawasaki like to keep things easy on the Vulcan cruisers, so just lift the shift pedal from first gear at a stop to easily find neutral, every time. No more fumbling around to find neutral. Positive and easy.

Double Cradle Frame

Very rigid, large-diameter box section backbone allows space for a larger fuel tank, and lightweight handling at low speeds. The fork offset and frame geometry combine for light, low-effort handling at ultra-low speeds. The Vulcan's long wheelbase provides a stable, comfortable open road riding experience.

A feature of the Vulcan 900 Custom in the triangular swingarm. This swingarm gives a hardtail appearance, but utilizes a single shock hidden beneath the seat. Slick and comfortable. The long and low chassis creates a seat you sit right down into with a low rider seat height.

Front Forks

41mm front forks offer reassuring rigidity and 15cm of travel. The front end has a rake of 33° and 18.3cm of trail for superb straight line tracking.





Custom Features

- Chromed headlamp, headlamp mount, lower triple clamp and turn signals as well as footpegs, shift lever and rear brake lever.
- Clean headlight design is compact and isolated without a central fork cover or headlamp bar.
- Small, minimalist fender and lack of front fork covers also contribute to the slender appearance of the front end.
- Sporty, straight-style handlebar adds to the bike's custom styling. Instead of handlebar clamps, twin tubes elegantly curve back from the upper triple clamp. Both the handlebar and twin tubes are completely chromed.
- Forward-mounted footpegs instead of floorboards add to the custom image and improve rider control.
- One-piece "gunfighter" style seat is designed for comfortable rider and passenger accommodation and a custom-style look.
- Standard toe-operated shift lever instead of a heel-toe shifter complements the forward footpegs for a more open rider position.
- Custom paint work Pearl Crystal White and Metallic Carbon Gray with red pin striping on the black wheels.

Sculpted Bodywork

- Fuel tank features a twin valley design, with a dynamic tension and presence all its own.
- Designed to be pleasing to both the eye and to the touch, the tank is composed exclusively of curves with constantly varying radii; the twin valley design theme continues to the rear fender and its hand-sculpted contours.
- Bottom of the rear fender features a relatively straight cut, to balance the lines of the motorcycle.



Genuine Accessories

- Saddlebags
- Rear Luggage Rack
- Passenger Back Rest
- Engine Guards
- Footboards
- Ribbed Grips
- Tachometer



Accessories for VN900CGF 2016 VULCAN 900 CUSTOM (2694)



BACKREST PASSENGER

* Chrome-plated steel design to match your VN900 Custom chevron styling * Padded mini backrest is 8 inches tall from seat surface * Mounts easily with supplied hardware * Designed to mount the K53020-378 luggage rack (sold separately)



BACKREST PASSENGER BLACK

* Gloss black passenger backrest for the Vulcan 900 Special Edition * Fits with or without saddlebags * Padded mini backrest is 8" tall from seat surface * Designed to fit the K53020378B luggage rack (sold separately)



COVER MOTORCYCLE

* Keep your Vulcan out of the weather with this durable cover made from breathable 600 denier Sur Last fabric * Features a softened interior surface to keep the surfaces of your motorcycle clean and scratch free * Tailored specifically to fit Vulcans * Fits with or without accessories * Metallic silkscreened logos * Heat shields are sewn to the inside



ENGINE GUARD

* Strong chrome steel tubing construction with all required hardware included * Warning: This guard may provide limited leg and cosmetic vehicle protection under unique circumstances, i.e. tip over while the motorcycle is stopped * It is not manufactured, nor intended to provide protection from bodily injury in a collision with an automobile or any other object.



FLOORBOARD PASSENGER

* Brushed aluminium finish



GEN 2.5 PLAIN SADDLEBAGS

Top grain cowhide leather lids with quick-release chrome metal buckles provide essential cruiser style. Metal reinforced frame holds shape even when empty. Pre-drilled ABS backing plate ensures an easy installation. Requires model-specific saddlebag supports (999940171 for VN1700 Classic & Classic LT) & (K999940069A for VN900 Classic, Classic LT & Custom).



GRIPS RIBBED

* Give your controls that clean, custom look with these ribbed handlebar grips featuring a chrome-plated shell and an integrated rubber liner * Package quantity: 1 Pair



MINI TACHOMETER

Custom black tachometer for your Vulcan 900 Custom. Mounts to centre of handlebar for that drag bike look and feel. Water-resistant electronic meter with white hot backlighting. Easy installation with all fasteners and instructions included.



MINI TACHOMETER CHROME

Custom chrome tachometer for your Vulcan 900 Custom. Mounts to centre of handlebar for that drag bike look and feel. Water-resistant electronic meter with white hot backlighting. Easy installation with all fasteners and instructions included.



RACK REAR

* Chrome-plated tubular steel design to match your VN900 Custom chevron styling * Rack measures 9" wide x 8" long * Mounts easily with supplied hardware * K53020-377 backrest required (sold separately)



RACK REAR BLACK

* Gloss black luggage rack for the Vulcan 900 Custom Special Edition * Requires K53020377B Passenger Backrest (sold separately) * Rack measures 9" wide x 8" long



REGULATOR COVER

* Replaces stock black painted cover with a triple plated chrome cover



SADDLEBAG SUPPORTS

Powder coated steel with all required hardware included. When mounting Saddlebags with K999940066A Backrest, you must relocate the rear reflectors. If any of the parts from the reflectors are lost you may need any of the following items: 110540809 (REFLECTOR LH) x (1), 110540810 (REFLECTOR RH) x (1), 280121088 (REFLECTOR-REFLEX) x (2), & 922100007 (NUT, FLANGED, 5MM) x (2).



SADDLEBAGS - CUSTOM SE

Top grain cowhide leather lids with quick-release flat black metal buckles with embossed perforated look. Metal reinforced frame holds shape even when empty. Pre-drilled ABS backing plate ensures an easy installation. Requires K99994-0069A saddlebag supports for mounting (SOLD SEPARATELY)



SEAT COMFORT FLAME

* Gel insert requires no break-in and evens out seating pressure, "floating" the rider's and passenger's weight over a larger surface area * Comfort Step shape provides more rider support and wider passenger surface * Synthetic leather cover is weatherproof and requires no maintenance ***** For proper installation, certain mounting hardware from the original OE seat needs to be removed and replaced onto the accessory gel seat. Some of these parts are NOT available as replacement parts *****



WINDSCREEN SHORT

* Mounting brackets attach quickly and easily to the fork tubes * Light tint polycarbonate shield measures 15 1/4" H x 18 1/2" W



WINDSHIELD

* Mounting brackets attach quickly and easily to the fork tubes * Stylish light tint polycarbonate shield measures 18" (45.7 cm) wide