General Information

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Model Identification

VN800-A1 (US and Canada Models) Left Side View:



VN800-A1 (US and Canada Models) Right Side View:



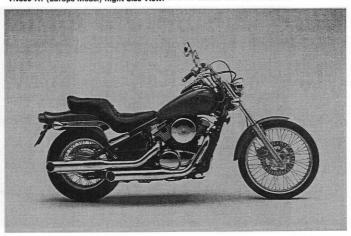
1-6 GENERAL INFORMATION

Model Identification

VN800-A1 (Europe Model) Left Side View:



VN800-A1 (Europe Model) Right Side View:



General Specifications

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Dimensions: Overall length		2 370 mm, (CN)(US) 2 360 mm		
Overall width		825 mm		
Overall height		1 170 mm		
Wheelbase		1 625 mm		
Road clearance		160 mm		
Seat height		710 mm		
Dry mass		225 kg, (CA) 225.5 kg		
Curb mass: Front		107 kg		
Rear		137 kg, (CA) 137.5 kg		
Fuel tank capacity		15.0 L		
Minimum turning radius		2.9 m		
	esserios L.			
Type Cooling system		4-stroke, SOHC, V 2-cylinder		
-				
Bore and stroke				
Maximum horsepower		40.5 kW (55 PS) @7 000 r/min (rpm),		
		(CN) 44.1 kW (60 PS) @7 500 r/min (rpm),		
		(ST) 24.2 kW (33 PS) @3 000 r/min(rpm),		
	(FR) 39.3 kW (53 PS) @7 000 r/min (rpm) (UTAC's norm),			
	(US) 64 N-m (6.5 kg-m, 47.0 ft-lb) @3 300 r/min(rpm),			
_	(CN) 64.7 N-m (6.6 kg-m, 47.7 ft-lb) @3 500 r/min (rpm),			
		(ST) 55 N-m (5.6 kg-m, 40.5 ft-lb) @3 000 r/min (rpm),		
Carburetion system		Carburetor, Keihin CVK 36		
Starting system				
Ignition system		Battery and coil (transistorized) Electronically advanced(digital igniter)		
Timing advance		From 5.0° BTDC @1 000 r/min (rpm) to		
Ignition timing		37.5° BTDC @6 750 r/min (rpm) to		
		NGK CR7E or ND U22ESR-N		
Spark plug				
Cylinder numbering method Firing order		rommonts (catalog		
	1-4			
Open	22° BTDC	A2 ~ 19° BTC		
		71° ABDC		
		270°		
Open	72° BBDC.	A2 ~ 69° BBDC		
Close	28° ATDC.	31° ATDC		
	open Close Duration	825 mm 1 170 mm 1 625 mm 160 mm 710 mm 225 kg, (CA) 2 107 kg 137 kg, (CA) 3 15.0 L 2.9 m 4-stroke, SOH Liquid-cooled 88.0 x 66.2 mi 805 mL 9.5 40.5 kW (55 F (CN) 44.1 kW (ST) 24.2 kW (FR) 39.3 kW (US) —— 64 N-m (6.5 k (CN) 64.7 N-i (ST) 55.4 m (FR) (UK) (US Carburetor, ke Electric starter Battery and cc Electronically. From 5.0 BTI 37.5" BTD NGK CR7E or Front to rear, 1-2 Open Close Duration 22° BTDC, 78° ABDC, Duration 240° RBDC, 280°,		

1-8 GENERAL INFORMATION

General Specifications

Items	AL ES SA	VN800-A1, A2	VN800-A3,A4,A5
Lubrication system		Forced lubrication (wet sump)	-
Engine oil:		The same of the sa	
Grade		SE, SF or SG class	←
Viscosity		SAE10W-40, 10W-50, 20W-40, or 20W-50	-
Capacity		3.2 L	-
Orive Train:		mar C35	
Primary reduction sys	stem:	mer CTS - Joins to	
Type		Gear	←
Reduction ratio		2.184 (83/38)	-
Clutch type		Wet multi disc	←
Transmission:		25 N N N N N N N N N N N N N N N N N N N	
Type		5-speed, constant mesh, return shift	-
Gear ratios:	1st	2.250 (36/16)	2.533 (38/15)
	2nd	1.600 (32/20)	1.650 (33/20)
	3rd	1.230 (32/26)	1.230 (32/26)
	4th	1.000 (29/29)	1.000 (29/29)
	5th	0.857 (24/28)	0.857 (24/28)
Final drive system:	our	CAUTE DIE 10	
Type		Chain drive	-
Reduction ratio		2.875 (46/16)	2.470 (42/17)
Overall drive ratio		5.382 @Top gear	4.625 @ Top gear
Frame:			
Type		Tubular, double cradle	←
Caster (rake angle)		34°	←
Trail		149 mm	-
Front tire:	Туре	Tube	←
1 Tont arc.	Size	80/90-21 48H	<u>_</u>
Rear tire:	Type	Tube	-
rical life.	Size	140/90-16 71H	-
Front suspension:	Type	Telescopic fork	-
Front suspension.	Wheel travel	150 mm	
Rear suspension:	Type	Swingarm (uni-trak)	
near suspension.	Wheel travel	100 mm	
Deales Times	Front	Single disc	_
Brake Type:	Rear	Drum	
Flantinal Faultonian	Hear	Drum	-
Electrical Equipment:		12 V 12 Ah	_
Battery	-		
Headlight:	Туре	Semi-sealed beam	17
T. 100 1 10-14	Bulb	12 V 60/55 W (quartz-halogen)	_
Tail/brake light		12 V 5/21 W × 2, (CN) (US) 12 V 8/27 W × 2	_
Alternator:	Туре	Three-phase AC	_
	Rated output	23.5 A/14 V @8 000 r/min (rpm)	-

Specifications subject to change without notice, and may not apply to every country.

(CA): California Model (CN): Canada Model (FR): France Model (ST): Switzerland Model (UK): U.K. Model

(US): U.S. Model