

VT750DC Shadow Spirit

2009 Press Information



Introduction

Styled for the good times, the lean and low-down Shadow Spirit delivers up a deeply satisfying cruising experience with stretched proportions, the lowest seat height in its class and an exhilarating rumble of acceleration. Equally at home on country roads and night-lit boulevards, the Spirit rolls quickly and effortlessly up to speed at the light turn of its throttle or cruises lazily down the road with the agreeable pulse of V-twin power.

Settle back into its contoured gunfighter seat with your feet up on its pegs. The Shadow Spirit's low centre of gravity, raised handlebars and comfortably positioned controls provide light, responsive operation for smooth and easy handling over the road ahead. All this and its cool, beautifully detailed looks make the Shadow Spirit a sleek and inviting machine that opens whole new worlds of cruising enjoyment. Enjoy nothing less than eye-catching style, proven Honda reliability and supreme fit and styling – all at the best value money can buy.

- Sleek, long-and-low styling combines street-smart cool and languid riding comfort.
- Fuel-injected, liquid-cooled V-twin engine churns out a soul-stirring surge of power.
- HECS3 oxygen-sensing catalytic exhaust gas converter system minimises harmful exhaust emissions to ensure full EURO-3 compliance.
- Gorgeous chrome-plated dual staggered shotgun exhausts.
- Tall, slim and attractive 21" spoked front wheel.
- Fat 15" rear tyre provides plenty of grip and a powerful look.
- Low-slung gunfighter seat is the lowest in its class.

Colours

- Graphite Black
- Digital Silver Metallic



Specifications

General		
Model		VT750DC Shadow Spirit
Mold Type		ED-type
Engine		
Type		Liquid-cooled 4-stroke 6-valve SOHC 52° V-twin
Displacement		745cm ³
Bore x Stroke		79 x 76mm
Compression Ratio		9.6 : 1
Max. Power Output		33.5kW / 5,500min ⁻¹ (95/1/EC)
Max. Torque		65Nm / 3,500min ⁻¹ (95/1/EC)
Idling Speed		1,200min ⁻¹
Oil Capacity		3.2 litres
Fuel System		
Carburation		PGM-FI electronic fuel injection with automatic choke
Throttle Bore		34mm
Aircleaner		Viscous, cartridge-type mesh net filter
Fuel Tank Capacity		14.6 litres (including 3.5-litre reserve)
Electrical System		
Ignition System		Fully transistorised electronic
Ignition Timing		8° BTDC (idle) ~ 50° BTDC (5,500min ⁻¹)
Sparkplug Type		DPR7EA-9 (NGK); X22EPR-U9 (DENSO)
Starter		Electric
Battery Capacity		12V / 11.2AH
ACG Output		399W
Headlights		12V, 55W x 1 (low) / 60W x 1 (high)
Drivetrain		
Clutch		Wet, multiplate with coil springs
Clutch Operation		Mechanical; cable-actuated
Transmission		5-speed
Primary Reduction		1.763 (67/38)
Gear Ratios	1	2.400 (36/15)
	2	1.550 (31/20)
	3	1.174 (27/23)
	4	0.960 (24/25)
	5	0.852 (23/27)
Final Reduction		3.091 (34/17)
Final Drive		Enclosed shaft
Frame		
Type		Double-cradle; steel tube

Chassis		
Dimensions	(LxWxH)	2,440 x 835 x 1,130mm
Wheelbase		1,655mm
Caster Angle		34° 30'
Trail		158mm
Turning Radius		3.4m
Seat Height		650mm
Ground Clearance		133mm
Kerb Weight		247.8kg (F: 112.6kg; R: 135.2kg)
Max. Carrying Capacity		180kg
Loaded Weight		427.8kg (F: 195.3kg; R: 232.5kg)
Suspension		
Type	Front	41mm telescopic fork, 115mm axle travel
	Rear	Dual conventional dampers with 5-step adjustable spring preload, 90mm axle travel
Wheels		
Type	Front	Chromed steel rim/wire spoke
	Rear	Chromed steel rim/wire spoke
Rim Size	Front	21M/C x MT2.15
	Rear	15M/C x MT3.50
Tyre Size	Front	90/90 21M/C (54S)
	Rear	160/80 15M/C (74S)
Tyre Pressure	Front	200kPa
	Rear	200kPa (with passenger: 250kPa)
Brakes		
Type	Front	296 x 6mm hydraulic disc with dual-piston caliper and sintered metal pads
	Rear	180mm leading/trailing drum