

TECHNICAL SPECIFICATIONS CHASSIS – 950 ADVENTURE/ADVENTURE S 2004

	950 ADVENTURE / 950 ADVENTURE S
Frame	Tubular chrome-molybdenum-steel space frame
Fork	White Power – Up Side Down 4860 MXMA (Multiadjuster)
Spring travel front	ADVENTURE = 230 mm (9 in), ADVENTURE S = 265 mm (10.4 in)
Rear suspension	WP Progressive Damping System shock absorber with hydraulic preload adjuster nadelgelagerte Alu-Hinterradschwinge
Spring travel rear	ADVENTURE = 230 mm (9 in), ADVENTURE S = 265 mm (10.4 in)
Front brake	Disk brake, 2 perforated brake disks Ø 300 mm (10.8 in), floating brake calipers
Rear brake	Disk brake, perforated brake disk Ø 240 mm (9.5 in), floating brake caliper
Tires, front	Pirelli MT90 90/90-21 M/C 54V (Metzeler MCE Karoo 2 90/90-21 M/C 54R M+S max. 170 km/h, 105 mile/h)
Air pressure	road/driver only 2,4 bar (34 psi) road/with passenger 2,4 bar (34 psi)
Tires, rear	Pirelli MT90 150/70-18 M/C 70V (Metzeler MCE Karoo 150/70R18 M/C 70H M+S max. 170 km/h, 105 mile/h)
Air pressure	road/driver only 2,6 bar (37 psi) road/with passenger 2,8 bar (40 psi)
Fuel tank capacity	22 liters (5.8 USgal), 4 liters (1 USgal) reserve
Gear ratio – rear wheel	17:42
Chain	525 HV (5/8 x 5/16") X-ring, 118 rolls
Lighting	high beam H3 12V 55W (socket PK22s) low beam H7 12V 55W (socket PX26d) high beam + low beam H4 12V 60/55 W (socket P43t) (USA) position light front + rear 12V 5W (socket W2,1x9,5d) indicator lamp + Kontrollampen LED stoplight 12V 21W (socket BA15s) flasher 12V 10W (socket BA15s) licens plate illumination 12V 5W (socket W2,1x9,5d)
Battery	maintenance-free battery 12V 14 Ah
Steering head angle	63,4°
Wheel base	1590 mm (62.6 in)
Seat height, unloaded	ADVENTURE: 880 mm (34.6 in), ADVENTURE S: 915 mm (36 in)
Ground clearance, unloaded	ADVENTURE: 281 mm (11 in), ADVENTURE S: 316 mm (12,4 in)
Dry weight	206 kg (454.7 lbs)
Max. axle load, front	170 kg (357.3 lbs)
Max. axle load, rear	245 kg (540.8 lbs)
Max. total weight	400 kg (883 lbs)

STANDARD ADJUSTMENT FORK AND SHOCK ABSORBER

	950 ADVENTURE								950 ADVENTURE S							
	FORK				SHOCK ABSORB				FORK				SHOCK ABSORB			
	Driving Comfort	Basic Setting	Driving Sport	Maximum Payload	Driving Comfort	Basic Setting	Driving Sport	Maximum Payload	Driving Comfort	Basic Setting	Driving Sport	Maximum Payload	Driving Comfort	Basic Setting	Driving Sport	Maximum Payload
Compression damping (clicks)	20	15	15	15	-	-	-	-	20	15	15	15	-	-	-	-
Compr. damping low speed (clicks)	-	-	-	-	12	8	6	6	-	-	-	-	15	12	8	8
Compr. damping high speed (turns)	-	-	-	-	1,5	1,5	1	1	-	-	-	-	1,5	1,5	1	1
Rebound damping (clicks)	18	18	15	18	17	12	10	10	18	18	15	18	20	17	13	13
Spring preload (turns)	5	5	8	5	6	6	8	18	5	5	8	5	6	6	12	12

TIGHTENING TORQUES – CHASSIS		
HH clamp bolts on top triple clamp	M8	20 Nm
HH clamp bolts for steering stem	M8	20 Nm
HH clamp bolts on bottom triple clamp	M8	15 Nm
AH bolt for handlebar mount	M10	20 Nm
Collar bolts for handlebar clamps	M8	20 Nm
HH clamp bolts on fork legs	M8	10 Nm
Collar screw on front wheel spindle	M24x1.5	60 Nm
Collar nut wheel spindle rear	M25x1.5	110 Nm
Collar nut for swing arm bolt	M19x1.5	130 Nm
AH screw shock absorber top	M14x1.5	100 Nm
AH bolt shock absorber bottom	M14x1.5	Loctite 243 + 45 Nm
AH bolt for top of brake-hose guide	M6	Loctite 243 + 8 Nm
HH bolts on front brake caliper	M8	Loctite 243 + 25 Nm
HH bolts on footbrake cylinder	M6	Loctite 243 + 10 Nm
Collar bolt front brake disk	M6	Loctite 243 + 10 Nm
Collar bolt rear brake disks	M6	Loctite 243 + 10 Nm
AH bearing bolt for foot brake pedal	M8	Loctite 243 + 25 Nm
HH bolts on foot brake pedal surface	M5	Loctite 243 + 6 Nm
AH bolts on subframe	M10x1.25	Loctite 243 + 45 Nm
AH bolts on back of footrest support	M8	Loctite 243 + 25 Nm
AH bolts on tank cover	M5	5 Nm
HH bolt on fuel level indicator	M5	3 Nm
HH bolts fuel taps	M6	6 Nm
AH bolts on tank mounting	M8	25 Nm
Exhaust nuts on manifold	M8	evenly, do not bend sheet metal
HH bolts on exhaust suspension	M6	Loctite 243 + 12 Nm
Spoke nipple	M5	4 Nm
HH nuts on rear sprocket bolts	M10x1.25	Loctite 243 + 50 Nm
Hexagon nut on engine sprocket	M20x1.5	sheet retainer + 100 Nm
Engine carrier bolts	M10	45 Nm
HH bolts for side stand bracket - engine	M10	Loctite 243 + 45 Nm
HH bolts side stand bracket - side stand console	M10	Loctite 243 + 25 Nm
HH bolts side stand mounting	M10	Loctite 243 + 45 Nm
HH bolt spring retainer side stand	M8	Loctite 243 + 25 Nm
HH bolt side stand switch	M6	Loctite 243 + 10 Nm
HH bolts for underride protection	M8	Loctite 243 + 25 Nm
Drain plug on oil tank	M12x1.5	20 Nm
Other bolts on chassis	M6	10 Nm
	M8	25 Nm
	M10	45 Nm
Other collar nuts on chassis	M6	15 Nm
	M8	30 Nm
	M10	50 Nm