

CHASSIS	950 SUPER ENDURO R
Frame	tubular chrome-molybdenum-steel space frame
Fork	WP Suspension – Up Side Down 4860 MXMA PA
Wheel travel front	250 mm (9.8 in)
Rear suspension	WP Suspension - Progressive Damping System shock absorber 4618 BAVP
Wheel travel rear	255 mm (10 in)
Front brake	Disk brake, perforated brake disk Ø 300 mm (11.8 in), floating brake caliper and brake disk
Rear brake	Disk brake, perforated brake disk Ø 240 mm (9.5 in), floating brake caliper and brake disk
Authorized front tires	METZELER MCE KAROO (T) FRONT 90/90-21 M/C 54Q M+S (up to a max. of 160 kph/100 mph)
Air pressure front	Offroad1.7 bar (24 psi) Road/driver only2.4 bar (34 psi) Road/with passenger2.4 bar (34 psi)
Authorized rear tires	METZELER MCE KAROO (T) 140/80-18 M/C 70Q M+S (up to a max. of 160 kph/100 mph)
Air pressure rear	Offroad1.5 bar (21 psi) Road/driver only2.5 bar (35 psi) Road/with passenger2.7 bar (38 psi)
Fuel tank capacity	14 liters (3.7 USgal), 4 liters (1 USgal) reserve
Gear ratio – rear wheel	17:45
Chain	5/8 x 5/16" X-ring
Lighting	headlightH4 12V 60/55W (socket P43t) position light front12V 5W (socket W2.1x9.5d) indicator lamps.....LED position light rear.....12V 5W (socket W2.1x9.5d) stoplight12V 21W (socket BA15s) licens plate illumination12V 5W (socket W2.1x9.5d) flasher12V 10W (socket BA15s)

CHASSIS	950 SUPER ENDURO R
Battery	12V 11.2 Ah maintenance-free
Steering head angle	64.4°
Wheel base	1577 ± 10 mm (62 in)
Seat height, unloaded	965 mm (38 in)
Ground clearance, unloaded	330 mm (13 in)
Dry weight	190 kg (419.4 lbs)
Max. axle load, front	190 kg (419.4 lbs)
Max. axle load, rear	250 kg (552 lbs)
Max. total weight	400 kg (883 lbs)

950 SUPER ENDURO R 2006	FORK			SHOCK			
SETTING	Compression	Rebound	Spring preload (turns)	Compression Low Speed	Compression High Speed	Rebound	Spring preload (mm)
Comfort	25	25	1	25	2	22	8
Basic Setting	20	20	5	20	1.5	18	8
Sport (MX)	15	15	8	15	1	15	8
Max. payload	20	20	5	15	1	15	8

FORK	950 SUPER ENDURO R
Type	14187B32 WP Suspension
Spring	5.9-450
Spring preload (turns)	5
Air chamber length	100 mm (4 in)
Fork oil	SAE 5 (WP 4860.0401)

SHOCK ABSORBER	950 SUPER ENDURO R
Type	15187B06 WP Suspension
Spring	140-215
Spring preload (mm)	8 mm (0.31 in)

TIGHTENING TORQUES – CHASSIS 950 SUPER ENDURO R 2006		
Collar bolt on front wheel spindle	M24x1.5	40 Nm
Collar nut wheel spindle rear	M25x1.5	90 Nm
AH bolt shock absorber top/bottom	M14x1.5	80 Nm
Collar nut for swing arm bolt	M19x1.5	130 Nm
AH bolts on subframe	M10x1.25	Loctite 243 + 45 Nm
AH bolts on back of footrest support	M8	Loctite 243 + 25 Nm
Engine carrier bolts	M10	45 Nm
HH clamp bolts on top triple clamp	M8	20 Nm
HH clamp bolts on bottom triple clamp	M8	15 Nm
HH screw for steering head	M20x1.5	12 Nm
HH clamp bolts on fork leg axle passages	M8	15 Nm
Collar bolts for handlebar clamps	M8	20 Nm
AH bolt for handlebar mount	M10	20 Nm
HH clamp bolts for steering stem	M8	20 Nm
Collar bolt front/rear brake disk	M6	Loctite 243 + 14 Nm
HH bolts on front brake caliper	M8	Loctite 243 + 25 Nm
HH bolts on handbrake cylinder	M6	10 Nm
HH bolts on footbrake cylinder	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 for side stand bracket - engine	M10	Loctite 243 + 45 Nm
HH bolts for side stand fixture - side stand bracket	M10	Loctite 243 + 25 Nm
HH bolts for side stand mounting	M10	Loctite 243 + 35 Nm
HH bolt for spring rest on side stand	M8	Loctite 243 + 25 Nm

TIGHTENING TORQUES – CHASSIS 950 SUPER ENDURO R 2006		
Bolt for side stand switch	M4	2 Nm
Drain plug on oil tank	M12x1,5	25 Nm
Exhaust nuts on manifold	M8	evenly, do not bend sheet metal
Exhaust clamp	M8	12 Nm
Senkschraube Hitzeschutzblech	M6	8 Nm
HH bolt on fuel level indicator	M5	3 Nm
HH bolts fuel taps	M6	6 Nm
Collar screw for underride protection	M8	25 Nm
Spoke nipple	M5	5 Nm ± 1 Nm
Jerk damper bolt rear wheel	M10x1,25	Loctite 243 + 50 Nm
Chainguard	M5	5 Nm
Chain sliding guard	M5	5 Nm
Taillight	M6	8 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