

TECHNICAL SPECIFICATIONS - CHASSIS 640 ADVENTURE-R '99

640 Adventure-R	
Frame	Central chrome-moly-steel frame
Fork	WP Extreme
Wheel travel front/rear	280/320 mm (11/12,6 in)
Rear suspension	Central shock absorber (WP) with PRO-LEVER linkage to rear-swingarm with needle bearing
Front brake	Disc brake with carbon-steel brake disc Ø 300 mm (11,8 in), brake caliper floated
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8,7 in), brake caliper floated
Tyres front	90/90-21 Enduro3
Air pressure offroad	1,5 bar (21 psi)
Air press. road, driver only	2,0 bar (29 psi)
Tyres rear	140/80-18 Enduro3
Air press. road, driver only	2,0 bar (29 psi)
Air press. road, with passenger	2,2 bar (32 psi)
Fuel tank capacity	28 liter (7,4 US gallons) of that 3,5 liter (1 US gallons) reserve
Final drive ratio	16 : 42
Chain	5/8 x 1/4 " O-Ring
Battery	maintenance-free battery 12V 8Ah
Steering angle	62,5°
Wheel base	1510 ± 10 mm (59,4 ± 0,4 in)
Seat high	955 mm (37,7 in)
Ground clearance	375 mm (14,8 in)
Dead weight without fuel	154 kg (340 lbs)
Max. permissible front axle load	150 kg (331 lbs)
Max. permissible rear axle load	230 kg (507 lbs)
Max. permissible laden weight	380 kg (839 lbs)

STANDARD ADJUSTMENT - FORK

09.18.S7.55	
Compression adjuster	14
Rebound adjuster	12
Spring	4,4 N/mm
Spring preload	10 mm (0,4 in)
Air chamber length	155 mm (5,9 in)
Capacity per fork leg	ca 800 ccm
Fork oil	SAE5

STANDARD-ADJUSTMENT - SHOCK ABSORBER

01.18.R7.97	
Compression adjuster	3
Rebound adjuster	5
Spring	70/260
Spring preload	23 mm (0,9 in)

TORQUES

Collar screw front axle	M10	40 Nm	(30 ft.lb)
Brake caliper front	M8	Loctite 242 + 25 Nm	(18 ft.lb)
Collar nut rear axle	M20x1,5	80 Nm	(59 ft.lb)
Hex. nut swing arm bolt	M14x1,5	100 Nm	(74 ft.lb)
Clamping screw top triple clamp	M8	15 Nm	(11 ft.lb)
Clamping screw bottom triple clamp	M8	20 Nm	(15 ft.lb)
Clamping screws fork leg axle passage	M8	10 Nm	(7 ft.lb)
Other screws chassis	M6	10 Nm	(7 ft.lb)
	M8	25 Nm	(18 ft.lb)
	M10	45 Nm	(33 ft.lb)