

TECHNICAL SPECIFICATIONS - CHASSIS 640 ADVENTURE-R '98

640 EGS-E ADVENTURE	
Frame	Central chrome-moly-steel frame
Fork	WP-Extreme Ø 50 mm
Wheel travel front/rear	300 / 320 mm (11,8 / 12,6 in)
Rear suspension	Central shock absorber WP IBS with PRO-LEVER linkage to rear- swing-arm with needle bearing
Front brake	Disc brake with carbon-steel brake disc Ø300 mm (11,8 in), brake caliper floated
Rear brake	Disc brake with carbon-steel brake disc Ø220 mm (8,7 in), brake caliper floated
Tyres front	90/90 - 21 54S Enduro 3
Air press. road, driver only	1,5 bar (22 psi)
Air press. road with passenger	2,0 bar (29 psi)
Tyres rear	140/80 - 18 70R Enduro 3
Air press. road, driver only	2,0 bar (29 psi)
Air press. road with passenger	2,2 bar (31 psi)
Fuel tank capacity	28 liter (7,4 US gallons), 3,8 liter (1 US gallons) reserve
Final drive ratio	16:40 t
Chain	O – Ring $\frac{5}{8} \times \frac{1}{4}$ "
Battery	maintenance-free battery 12V 8Ah
Steering angle	62,5 °
Wheel base	1510 ± 10 mm (59,4 ± 0,4 in)
Seat high	940 mm (37 in)
Ground clearance	320 mm (12,6 in)
Dead weight without fuel	154kg (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	M 10	40 Nm	(30 ft.lb)
Collar nut rear axle	M 20x1,5	80 Nm	(59 ft.lb)
Hex. nut swing arm bolt	M 14x1,5	100 Nm	(74 ft.lb)
Clamping screw upper fork bridge	M 8	15 Nm	(11 ft.lb)
Clamping screw lower fork bridge	M 8	20 Nm	(15 ft.lb)
Clamping screws fork stubs	M 8	10 Nm	(7 ft.lb)
Other screws chassis	M6	10 Nm	(7 ft.lb)
	M8	25 Nm	(19 ft.lb)
	M10	45 Nm	(33 ft.lb)