

Customer:  
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 EFBE Date of Order:  
 Fax-No.:

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 2012-08-09  
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**Testreport**  
 Maximum load + Overload test  
 Bicycle seat post  
 Test item no. 123992

**Test sample data**

Manufacturer:	Lagear
Model name:	SPC- 21
Identity no.:	None
Suspension:	None
Coating:	No
Total weight (g):	209
Application:	MTB
Total length (mm)	350
Diameter (mm)	31,6
Clamping torque (Nm)	6
Insertion depth (mm)	90
Remarks	None

**Test description** (SÜF2)

**Maximum-/overload test seat post EFBE (SÜF2)**

The **Test set-up** is corresponding to EN 14781, 4.14. The seat post mounting angle is consistantly 70 degree instead of 73. The pneumatic test load is controlled via the cylinder pressure using a precision pressure gauge. The measuring error is +/-3 %, the duration of load input is 10 s for maximum load and 1 s for overload. The **requirements** are following EFBE recommendations for a permissable total weight of 110 kg:

**A Maximum load test**

Load 1:	2 200 N
max. perm.deformation:	10 mm
Fracture behavior:	no crack / fracture

**B Overload test**

Load 2:	3 000 N
Fracture behavior:	no brittle fracture

**Test result:**

**A Maximum load test:**

Test load 1:	2200 N
Permanent deformation:	mm
Crack or fracture:	

**B Overload test:**

Test load 2:	3000 N
Crack/fracture/deform.:	
Brittle fracture:	

**The Maximum load test was passed.**

**The Overload test was passed.**

**Remarks:** For preceeded tests please see testreport No. P1206092.

Test engineer: i.A. V. Stobberg  
 End of testing: 2012-09-05

Waltrop 2012-09-13 .....  
 stamp, sign

This test report may not be reproduced but with complete wording. It contains the result of a one-time type testing and no statements about quality of serial production components are made. Readings of dimensions, torques and weights without engagement.

**Caution!**  
**Fatigue tested parts cannot be used further on.**  
**Acute danger of fracture!**