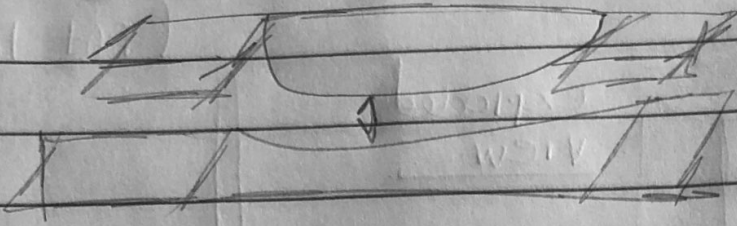


Module 3: Saddle Fit/Correction (not to scale)



+ This represents the saddle fit, which refers to a fit with a movement along the axial axes of the 2 parts.

+ 2 degrees of freedom

+ $m = 3 \text{ lbs}$

$$F = mg = (3)(9.8) = 29.4 \text{ N}$$

$$+ F_f = \mu(N) = (0.1)(29.4) = 2.94 \text{ lb}$$

$\mu = 0.1$