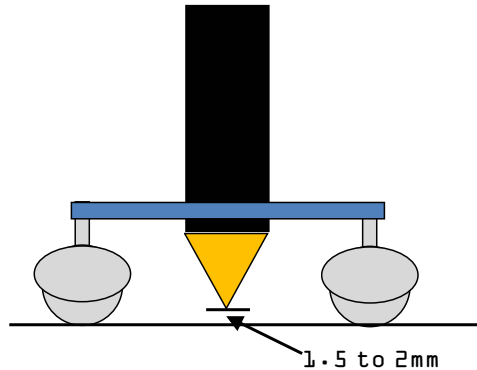


## Setting up the Roller Ball Height Sense` (Blue Marlin / Spark)

Remove any packing holding the roller unit away from the bed

Fit the torch in to the clamp unit

Slide torch to correct height above plate .



This can be achieved by placing a coin or spacer on the plate and sliding the torch down to touch it.

Once the correct height has been achieved tighten the single clamp screw.

On the machines there are 2 air regulators

Blue Marlin - rear of the cutting table near extraction outlet

Spark - on the rear of the control pedestal

These will be marked Cushion and Down

Ensure there is air present on the machine at a pressure of 8 bar

Turn both regulators fully anti clockwise to remove all pressure

Increase the cushion pressure until the roller unit just rises from the plate.

At this point ensure the plasma unit is switched OFF

From the main screen enter the Manual Cut Facility

Select any material /thickness

Press the cut button - the roller unit will initially remain in the up position

Increase the Down pressure until the unit moves to the plate

Press the Stop button the unit will rise - If it bounces slightly reduce the Cushion pressure.

Press Cut again if the unit bangs in to the plate reduce the down pressure.

repeat the process until acceptable movement is achieved