Fitting overview

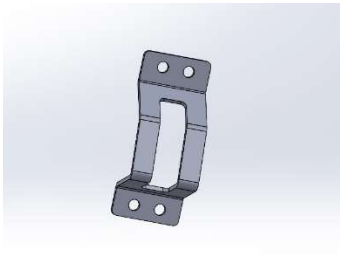
"The purpose of this guide is to give potential customers the ability to assess whether DIY fitting of the product is something that they would be comfortable in undertaking"

There are two main sections to the fitting, the first being the work underneath the caravan to attach the axle jacks and run the cables. The second section is the work internally to mount the control box, connect the cabling from the control box back to the battery isolator and connecting the control box to the actuator cabling.

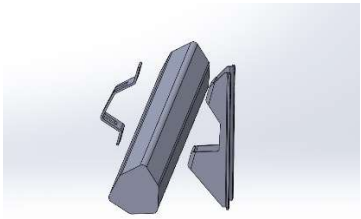
1) The caravan must be lifted to allow safe working underneath the chassis. This can be achieved easily by the use of an appropriate jack but axle stands or similar must be used to ensure safety.
2) Starting on either end of the axle, the actuator bracket (pic 1) and the rear bracket (pic 2) should be mounted around the rear axle. The actuator bracket should be in contact with the front face of the axle and the two brackets should be clamped around the axle (pics 3 & 4) with 4 x M10 bolts/ washers/ nuts.

Pic 1

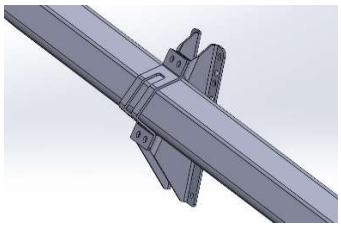
Pic 2



Pic 3

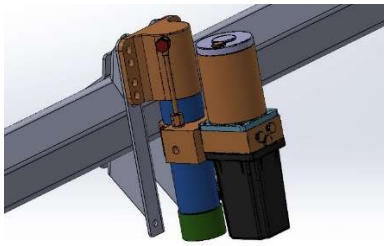


Pic 4



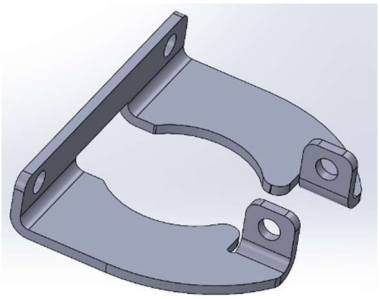
3) The actuator (pic 5) should now be attached to the actuator bracket using 4 x M10 bolts/ washers/ nuts. (there are 2 standard height settings available to accommodate for desired ground clearance)

Pic 5

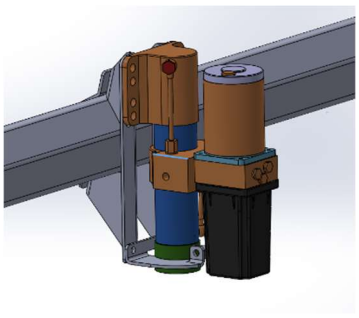


4) The lower clamp (pic 6) should now be attached to the actuator bracket using 2 x M8 bolts/ washers/ nuts (pic 7)

Pic 6

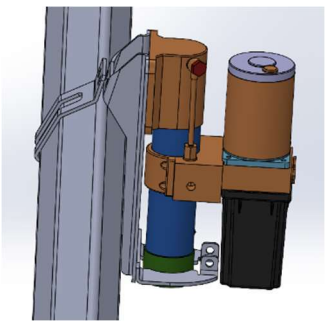


Pic 7



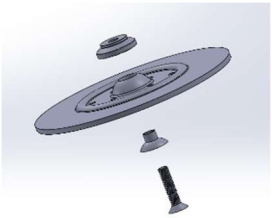
5) The lower clamp now needs to be clamped around the actuator (pic 8) by using 1 x M8 bolt/ washer/ nut

Pic 8

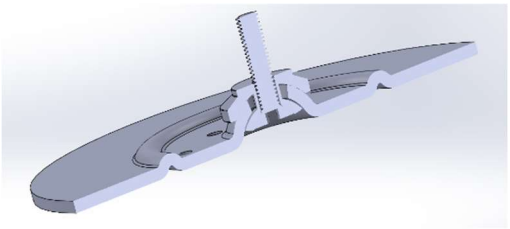


6) The 4 components of the base assembly (pic 9) now need to be prepared as shown below (pic 10)

Pic 9

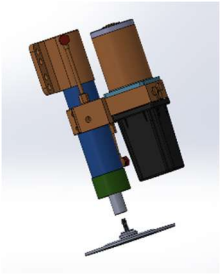


Pic 10

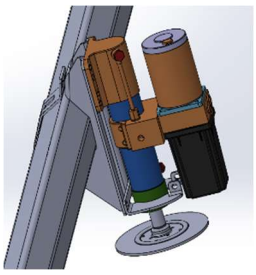


7) The base assembly now needs to be screwed to the end of the actuator rod (pic 11 & 12)

Pic 11

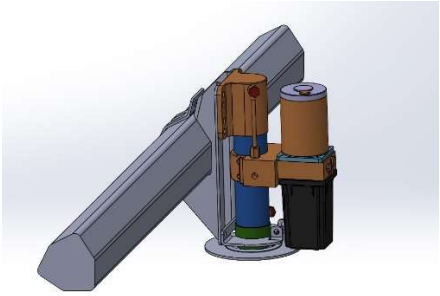


Pic 12



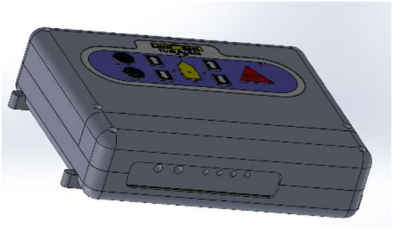
8) The complete assembly will now look as shown below (pic 13). Steps 2-7 will then need to be completed for the second actuator on the opposite end of the axle

Pic 13



9) The cables from the actuator then need to be run back from the actuator, through the floor, and connected to the control box (pic 14) in its desired location.

Pic 14



10) The power supply cables should then be run from the isolator to the control box, via a fuse on the positive side
11) The final step is then to calibrate the level position through the app