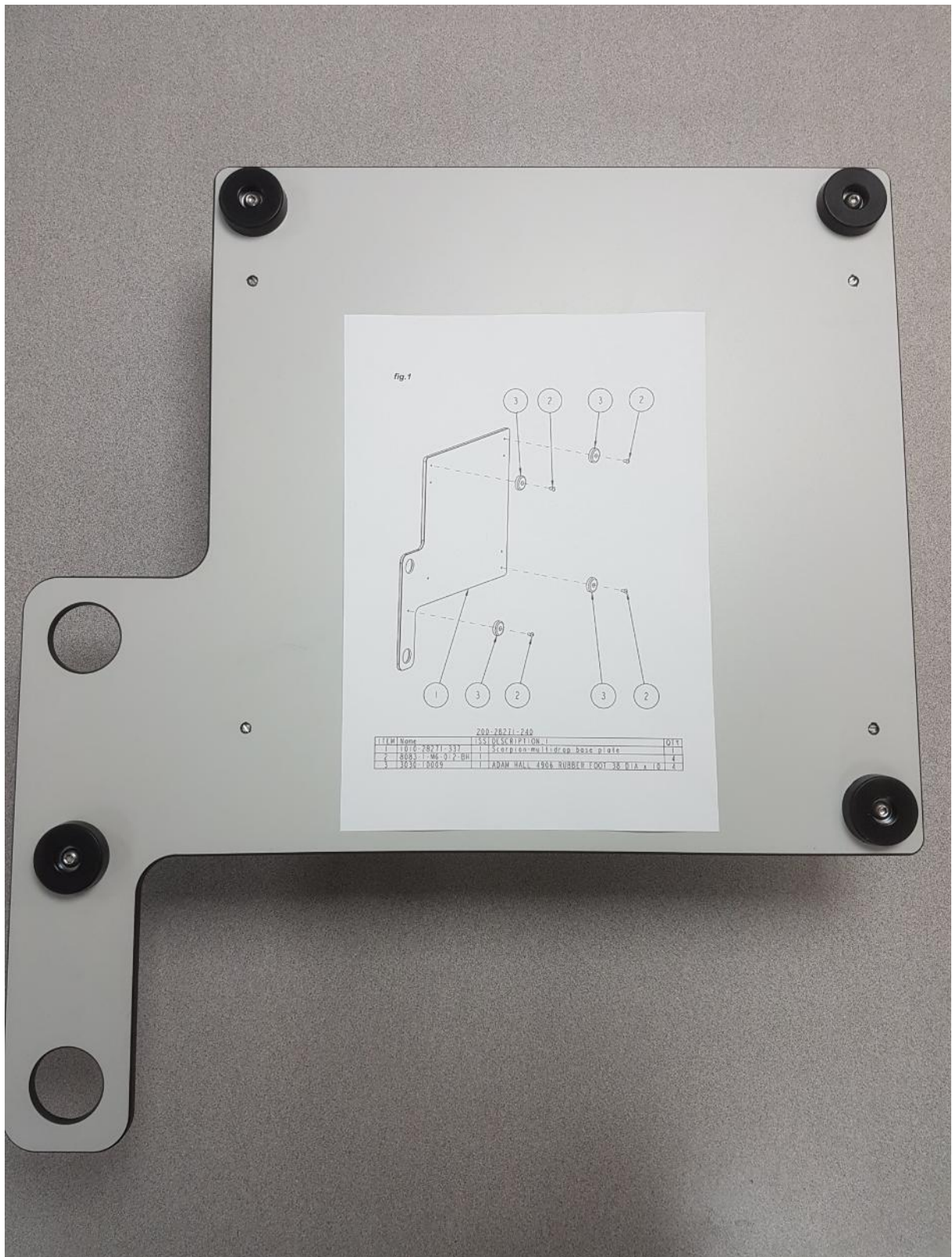


Scorpion – Multidrop

Assembly of platform

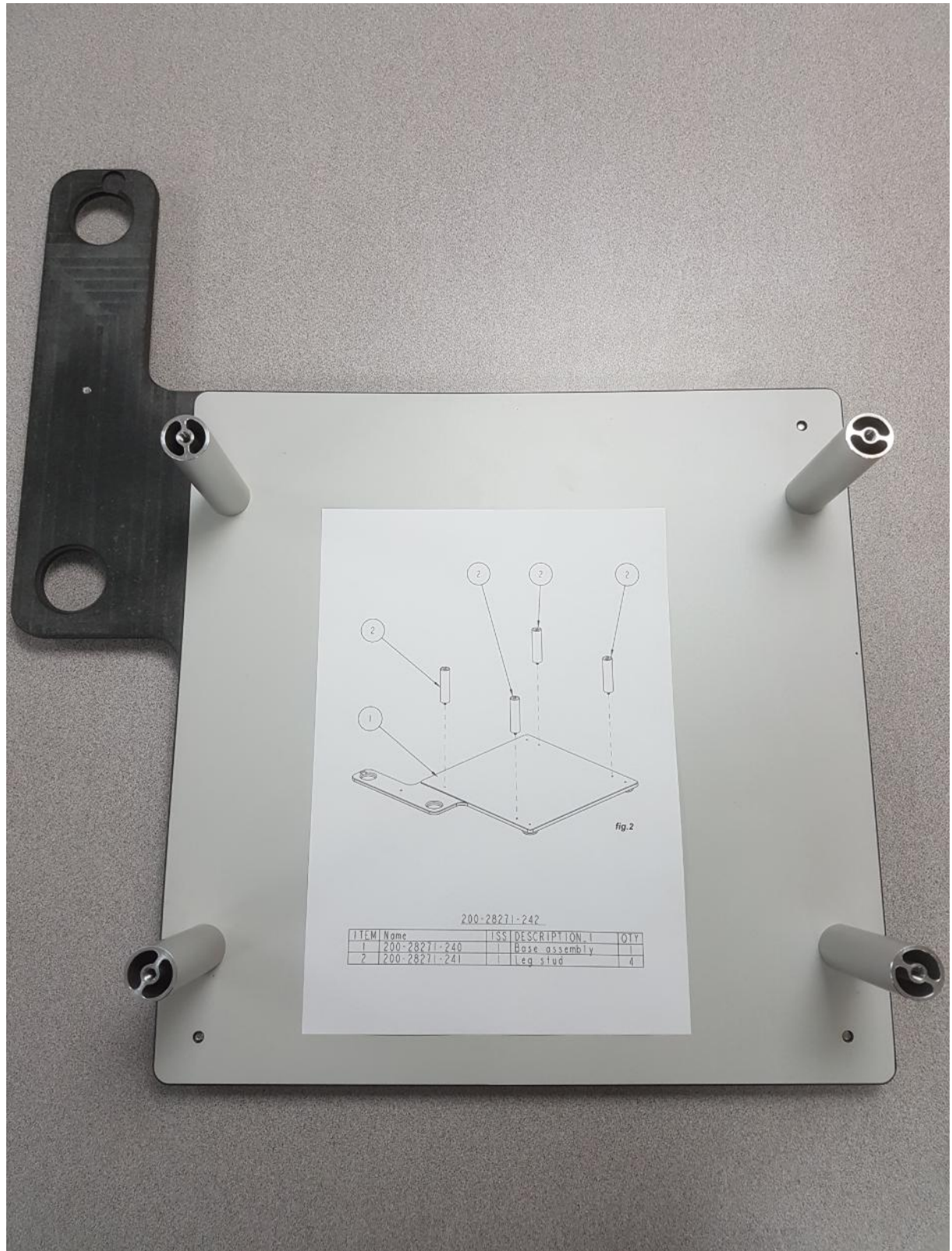
1. Identify components shown in assembly diagram fig 1.
Ensure parts are fitted to baseplate before proceeding.



Scorpion – Multidrop

Assembly of platform

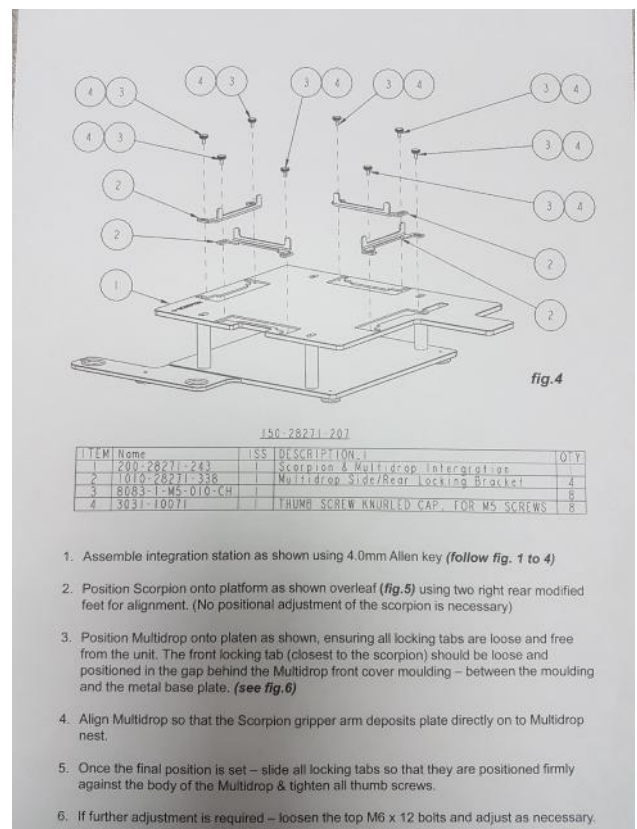
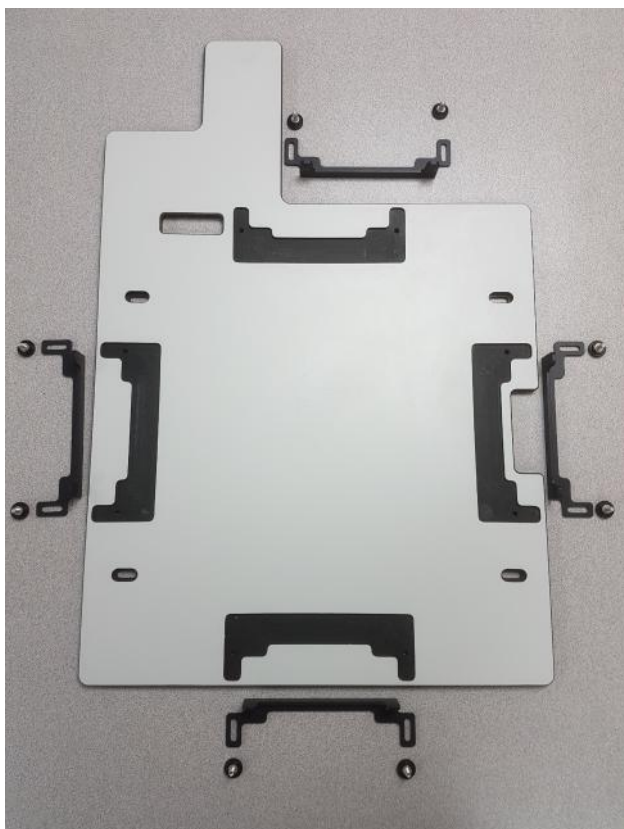
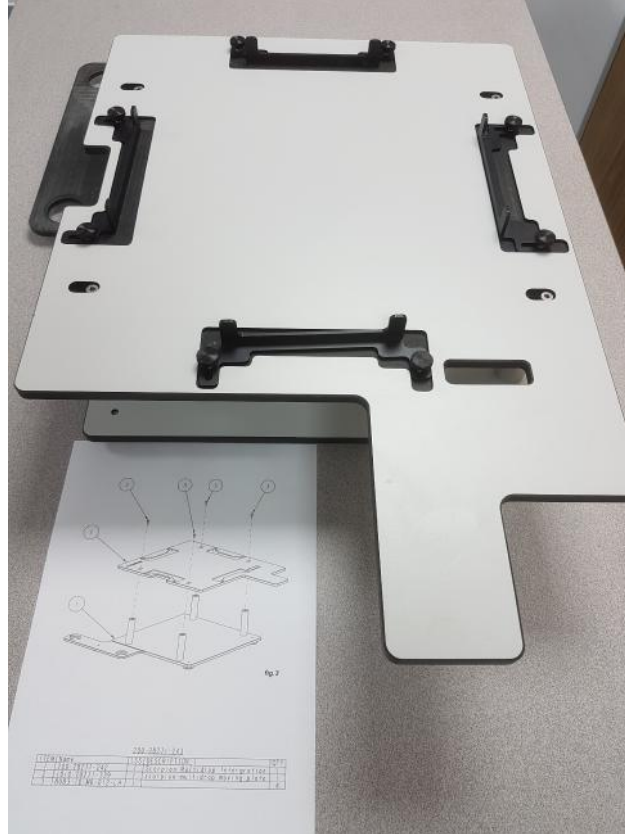
2. Identify components shown in assembly diagram fig 2.
Ensure parts are fitted to baseplate before proceeding.



Scorpion – Multidrop

Assembly of platform

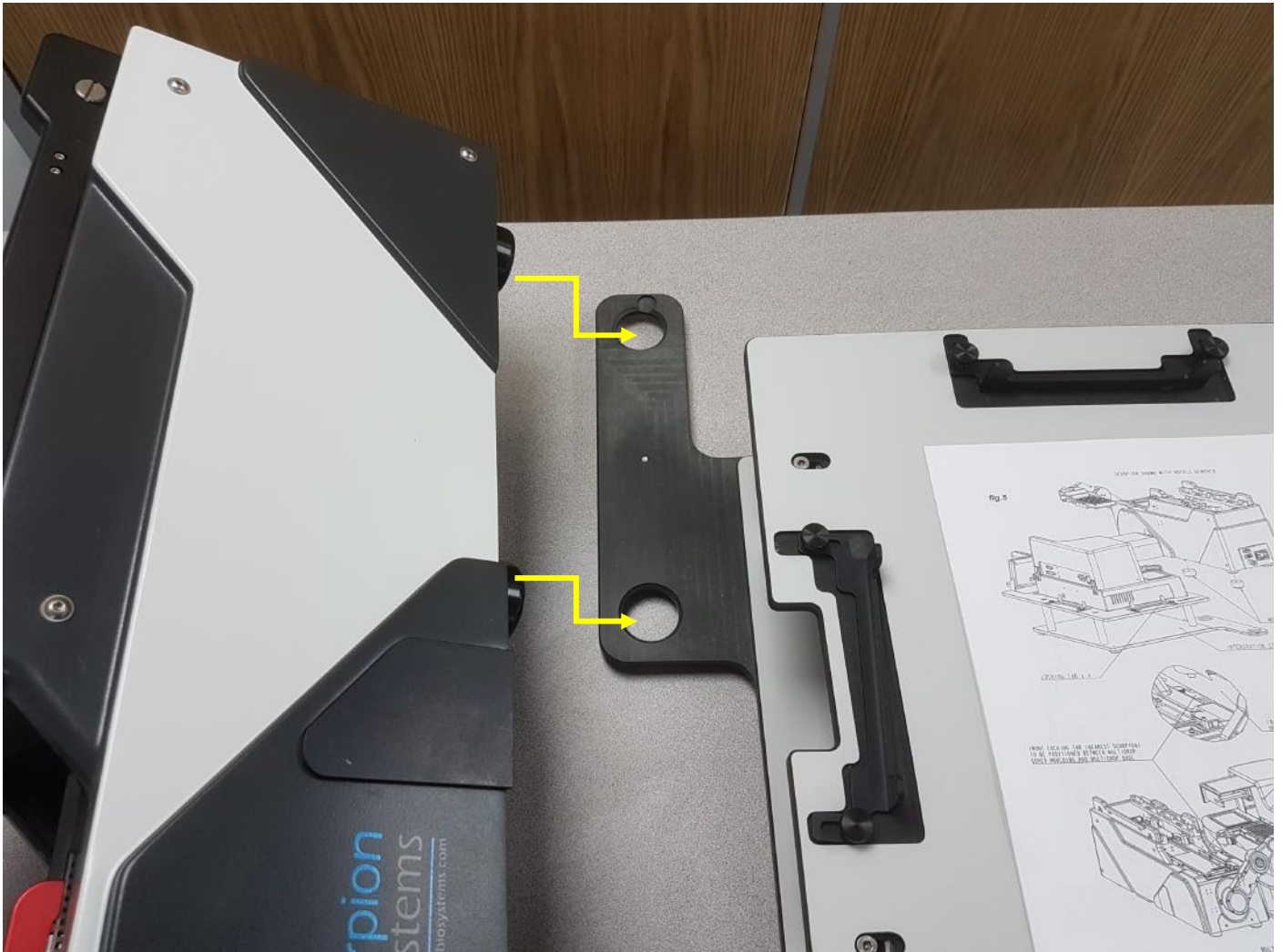
- Identify components shown in assembly diagram fig's 3 & 4
Ensure parts are fitted to baseplate before proceeding.



Scorpion – Multidrop

Location of equipment

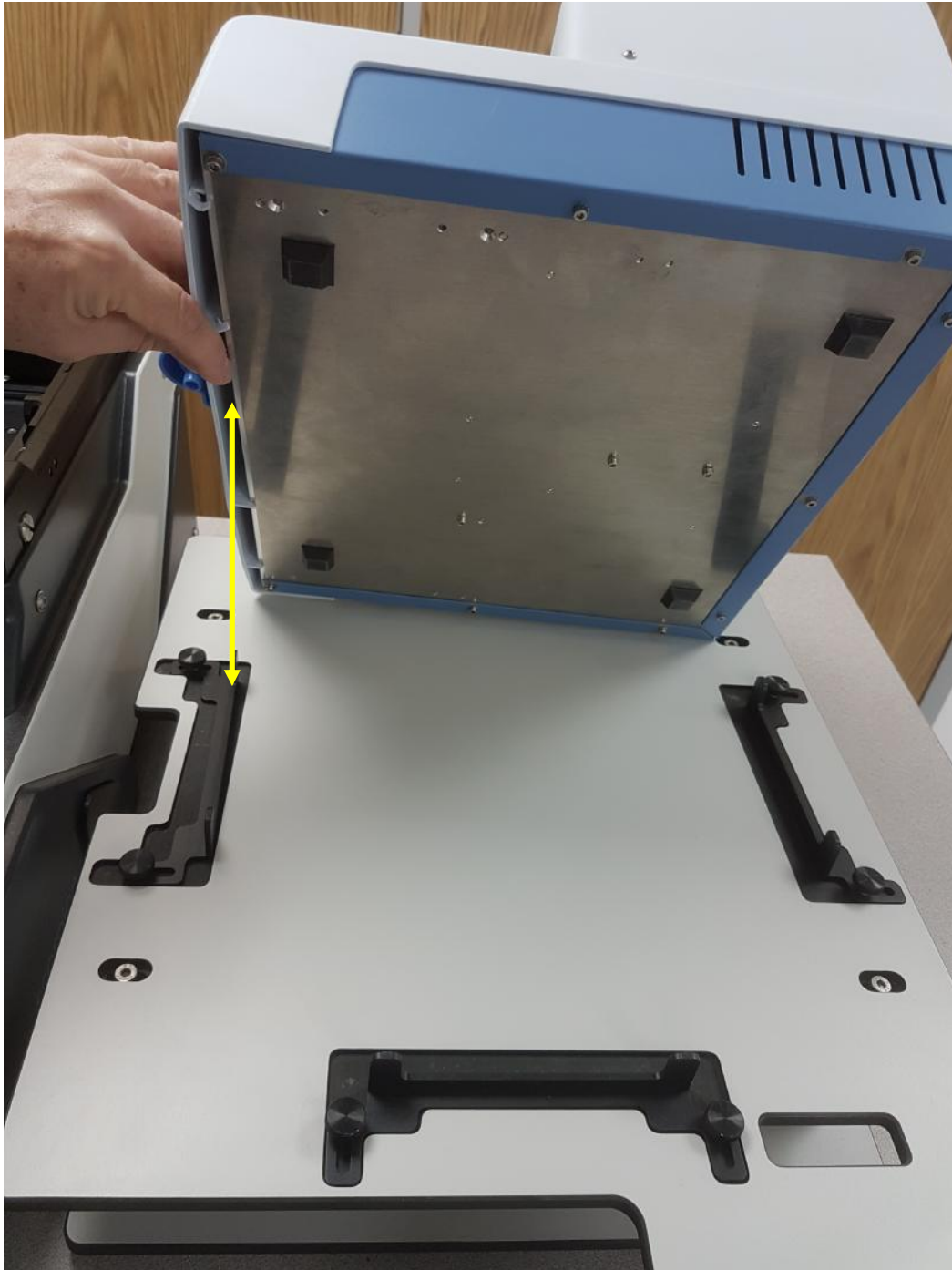
4. Place scorpion unit onto platform locating rear two feet into corresponding holes in baseplate.



Scorpion – Multidrop

Location of equipment

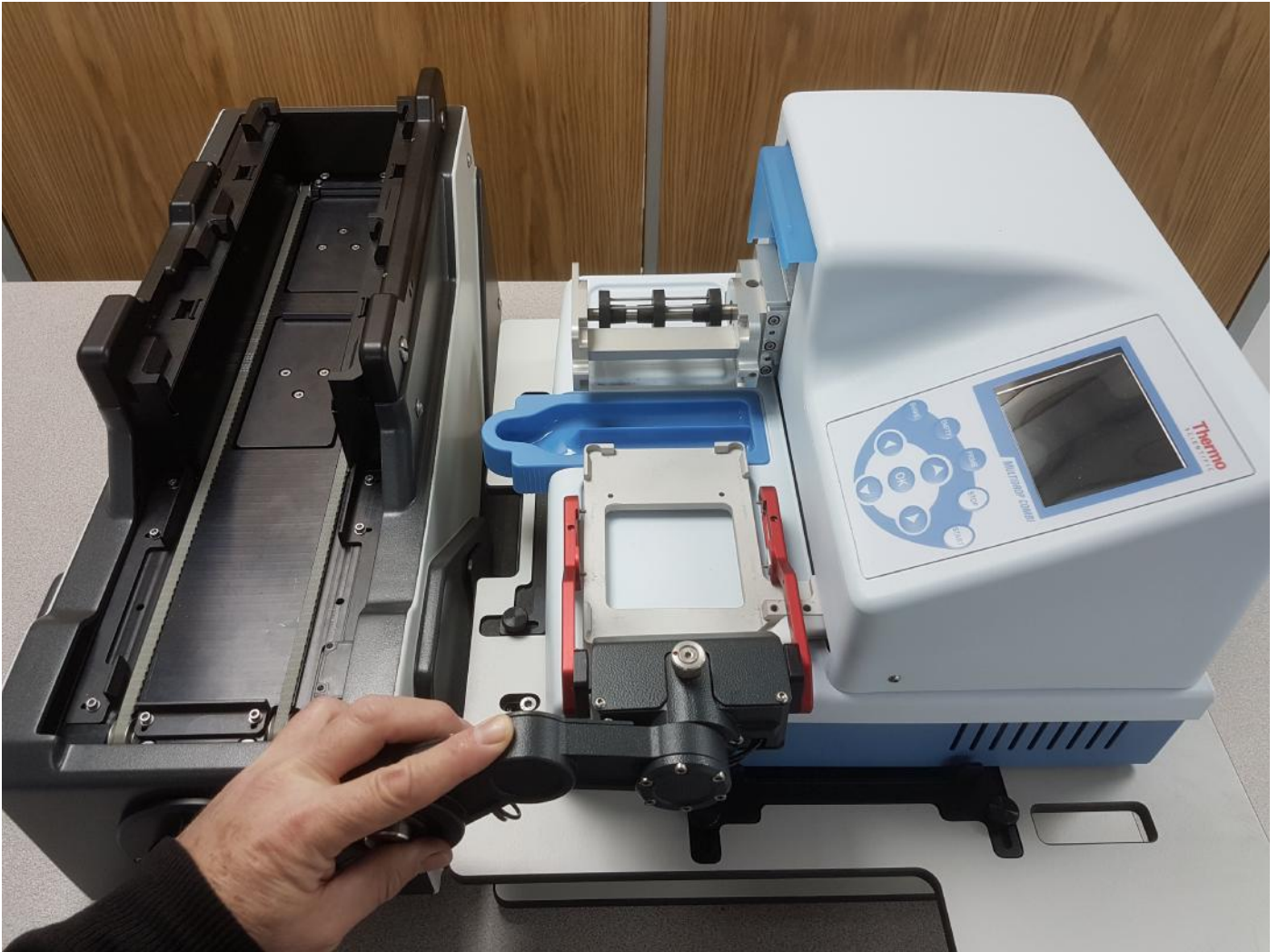
5. Place Multidrop unit onto platform ensuring front locking tab is located in gap between outer cover moulding and base plate.
6. Leave locking tab fixings loose at this time to allow for positional adjustment.



Scorpion – Multidrop

Location of equipment

7. With Scorpion and Multidrop units in place with no power connected at this time.
8. Move Scorpion arm by hand to Multidrop plate nest location,
9. The RED plate grippers of the scorpion unit will need to be positioned centrally around the plate Nest location of the Multidrop,



10. When Scorpion arm is moved to the Multidrop plate nest location, coarse adjustment to the position of the Multidrop unit can be achieved by moving the Multidrop unit North/South and East /West on the platform.
11. When the scorpion red gripper arms are positioned centrally about the plate nest location - tighten the location tab thumbscrew fittings to secure the Multidrop onto the top platform.



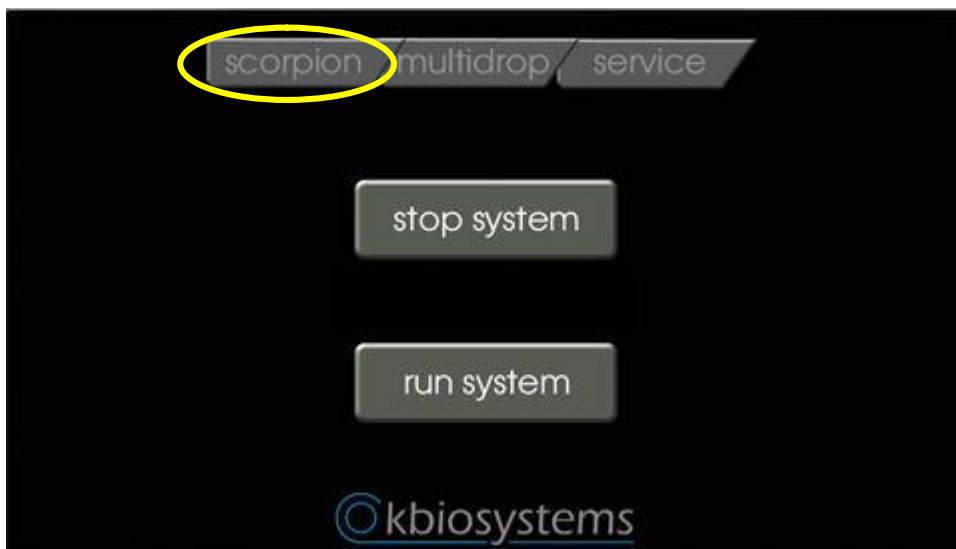
Scorpion – Multidrop

Setting of equipment

12. Connect all power / pneumatic services to the Scorpion – Multidrop units, as shown in the operation manual.
13. Connect the Scorpion Display Pod
14. Power up the devices.
15. The Scorpion Display Pod will show this screen. Select (press) the PROCEED button on the screen.



16. After successful initialisation of the scorpion, the Display Pod will show this screen. Select (press) the SCORPION tab on the screen.



Scorpion – Multidrop

Setting of equipment

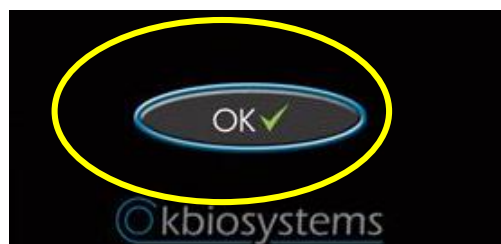
17. The Scorpion Display Pod will show this screen. Select (press) the POSITION tab on the screen.



18. The Scorpion Display Pod will show this screen. Select (press) the TRANSFER button on the screen.



19. The Scorpion Display will Display an 'OK' button.



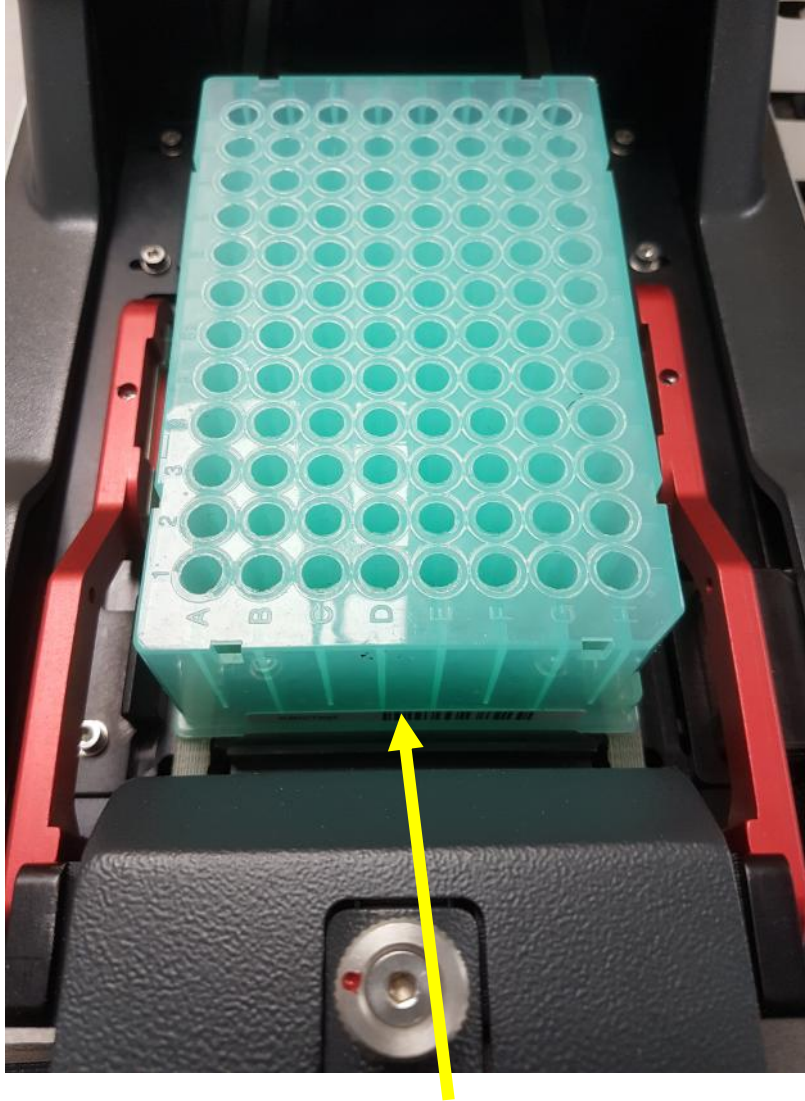
20. Select (press) the OK button on the screen.

Scorpion – Multidrop

Setting of equipment

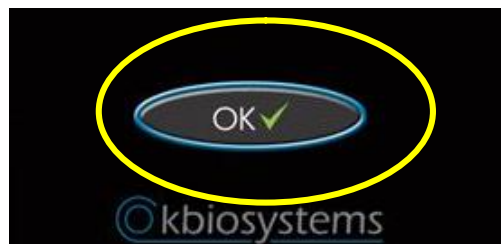
21. The display will show the message 'place plate in grippers'

Place the chosen plate to be used in the open grippers on the scorpion transport position.



22. Ensure the plate is located against the front stop of the transport conveyor.

23. After placement of plate in grippers Select (press) the OK button on the screen



Scorpion – Multidrop

Setting of equipment

24. The plate will be gripped and the Scorpion arm will move to the current saved TRANSFER position.
25. The Scorpion Display Pod will show this screen.



26. Pressing the green jog arrow buttons on this screen will increment the transfer arm (while holding plate) towards or further away from the Multidrop plate nest location.
27. Ensure the base of the plate just gently rests on the base of the plate nest location to ensure accurate placement of plate.
28. **Note:- DO NOT press the back arrow at this stage Circled in RED, always complete the action with the STORE button before going back in the menu.**
29. When satisfied with the TRANSFER position of the plate from the scorpion transport conveyor to plate nest location position, Select (press) the STORE button on the screen.

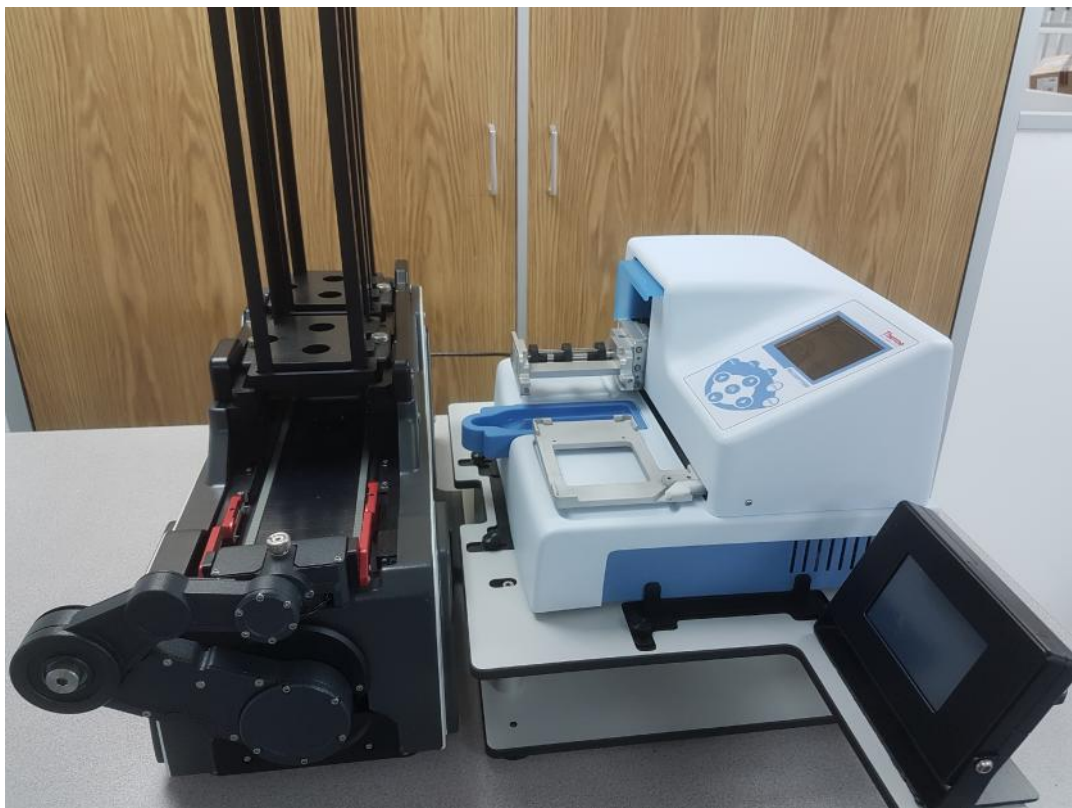
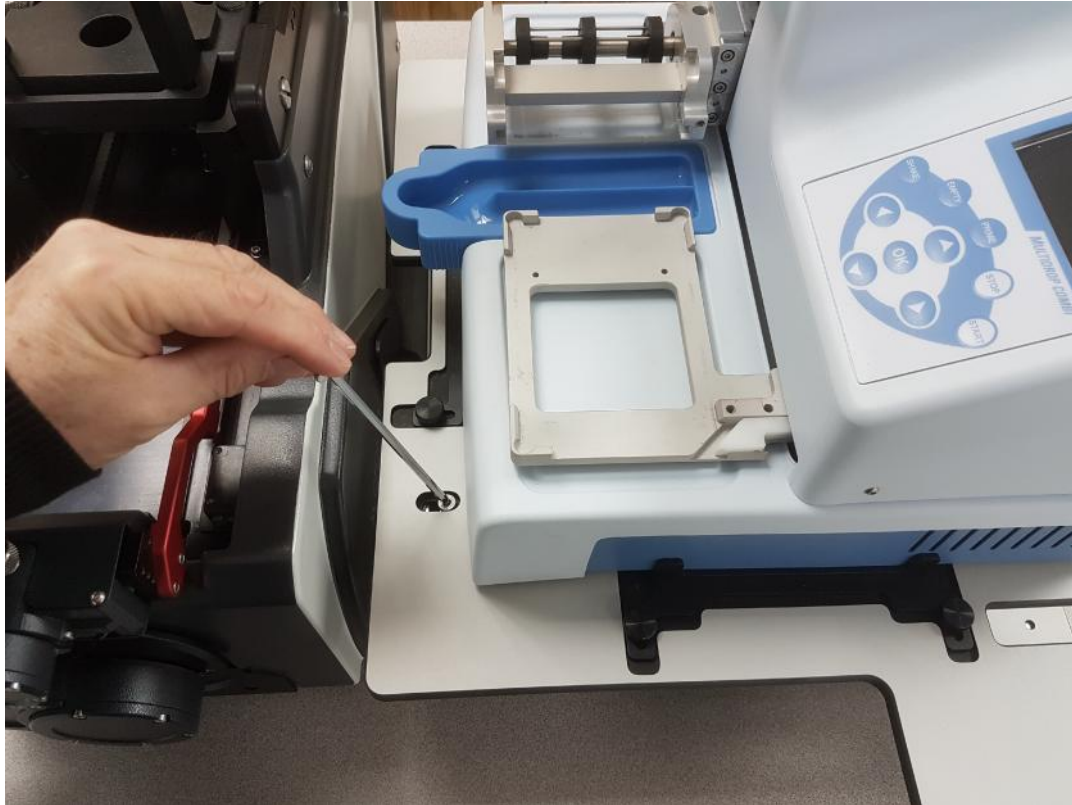


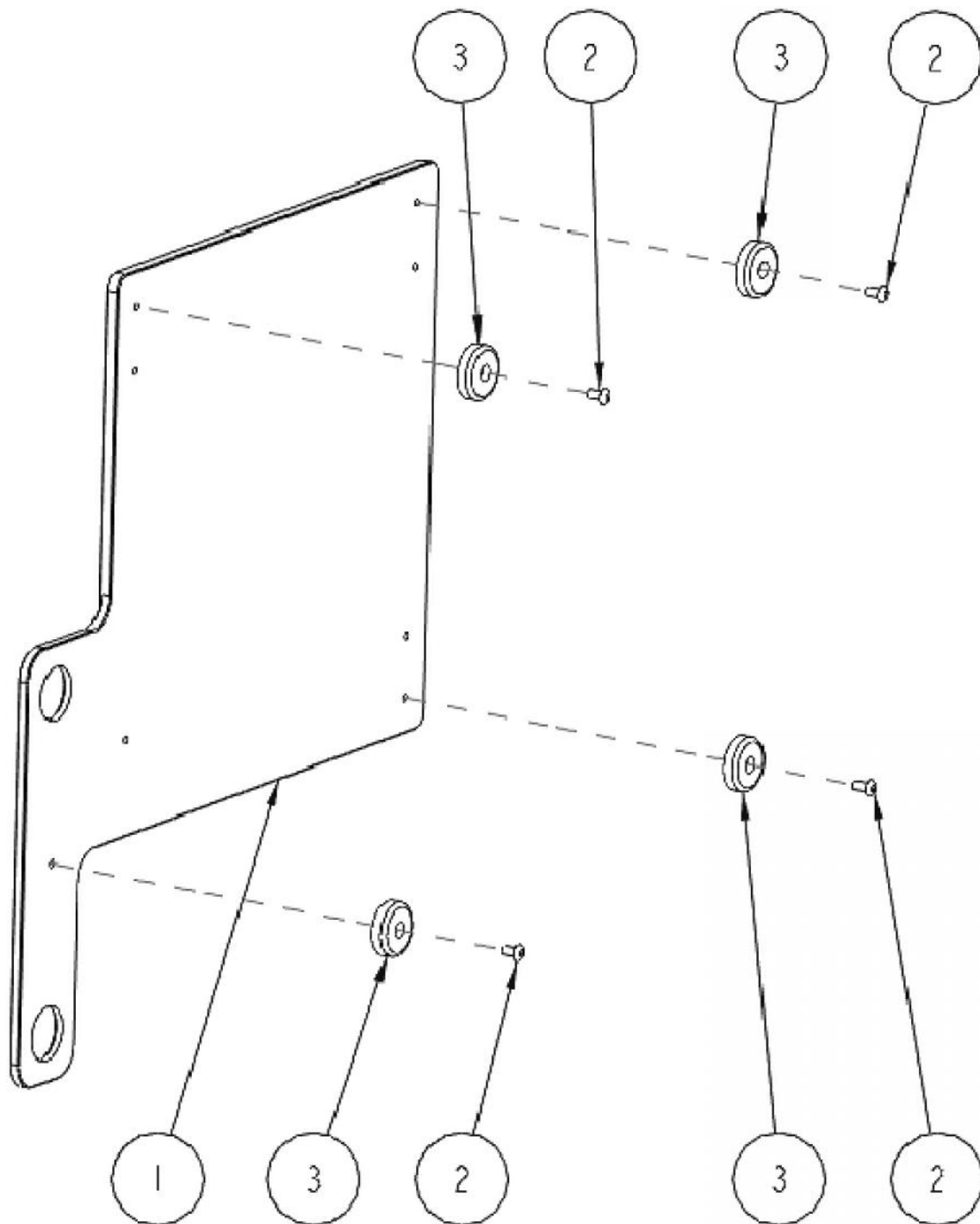
30. By selecting STORE this will save the TRANSFER position - Initialise the system and return to main screen.

Scorpion – Multidrop

Setting of equipment

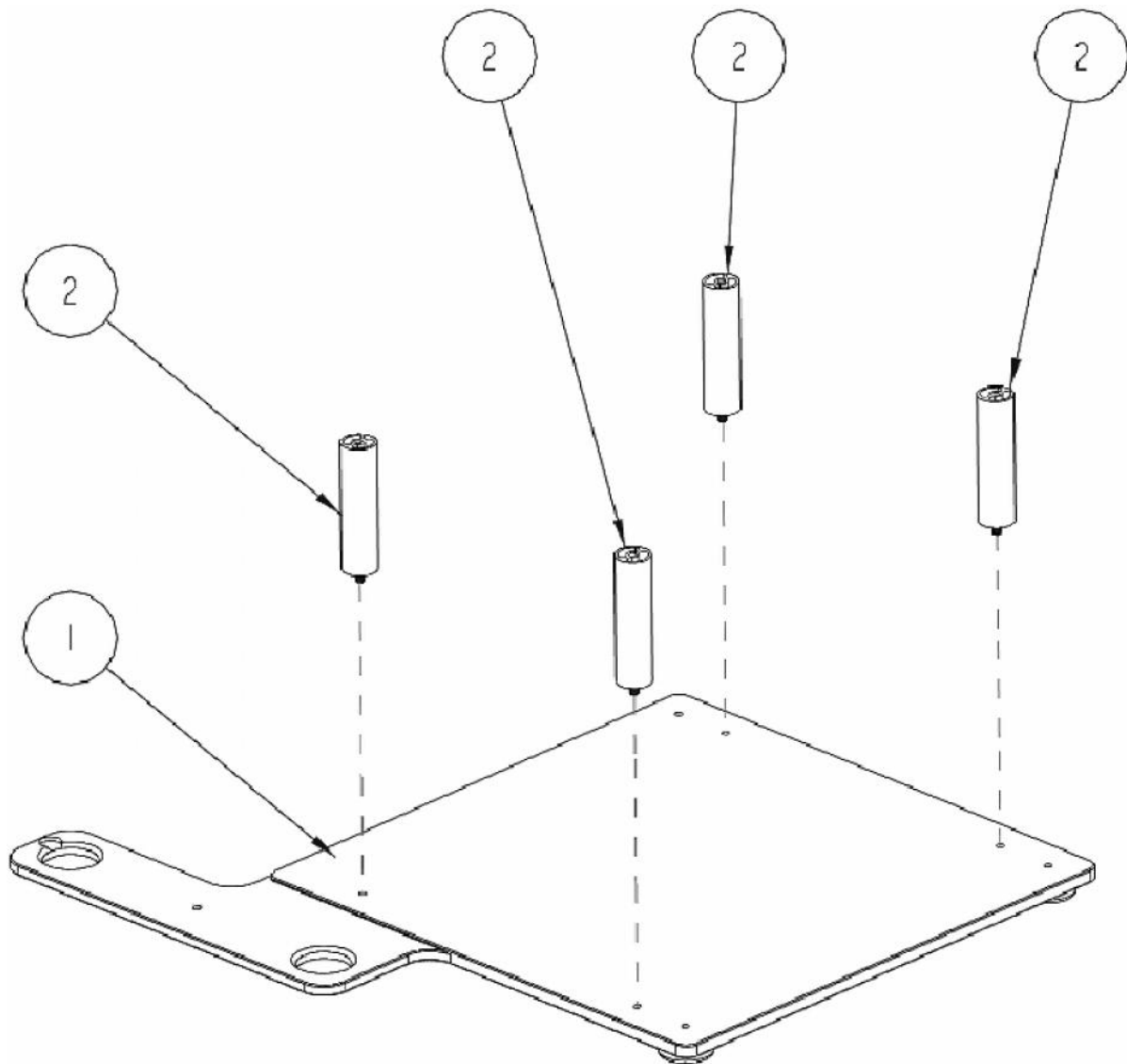
31. Once satisfied with the transfer position, ensure all fixings are secure.
32. Note the four (4) fixings that secure the position of the top plate and Multidrop. These slotted fixings give extra positional adjustment if required to set the TRANSFER position.





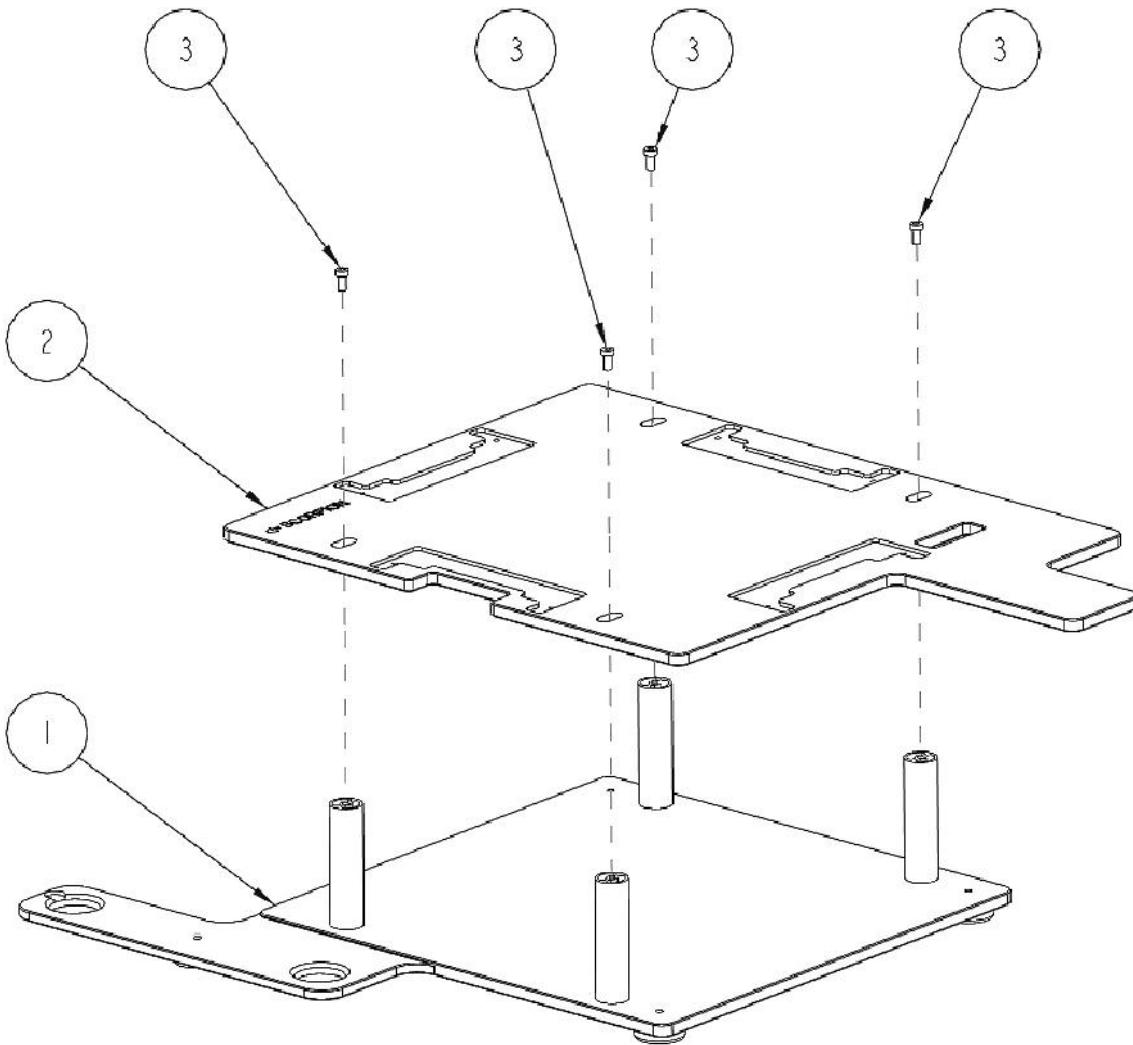
200-28271-240

ITEM	Name	ISS	DESCRIPTION_1	QTY
1	1010-28271-337	1	Scorpion-multidrop base plate	1
2	8083-1-M6-012-BH	1		4
3	3030-10009	1	ADAM HALL 4906 RUBBER FOOT 38 DIA x 10	4



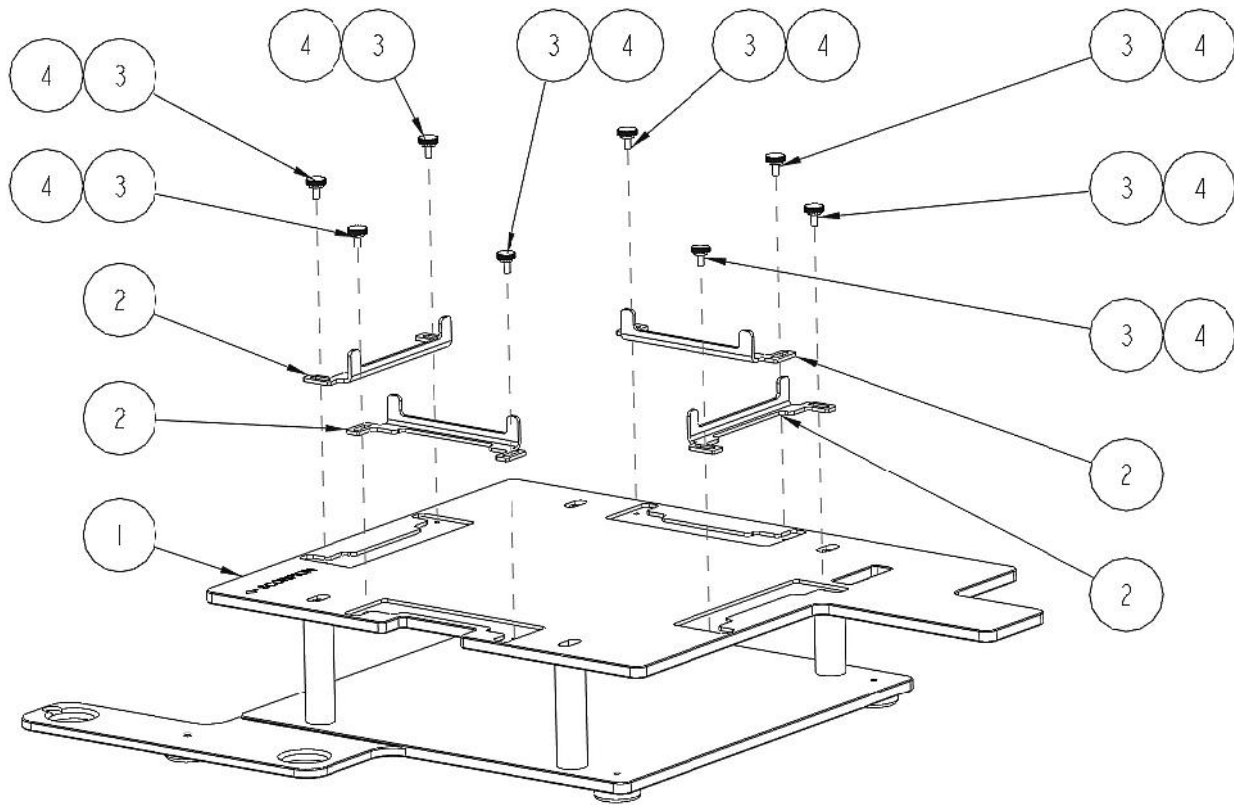
200-28271-242

ITEM	Name	ISS	DESCRIPTION_1	QTY
1	200-28271-240	1	Base assembly	1
2	200-28271-241	1	Leg stud	4



200-28271-243

ITEM	Name	ISS	DESCR P ⁿ ON_1	QTY
	200 28271 242	1	Scop on Multicrop Intergration	1
2	1010-28271-339	1	scop on-multicrop moving plate	1
3	8083-10-M5-012-LH	1		4

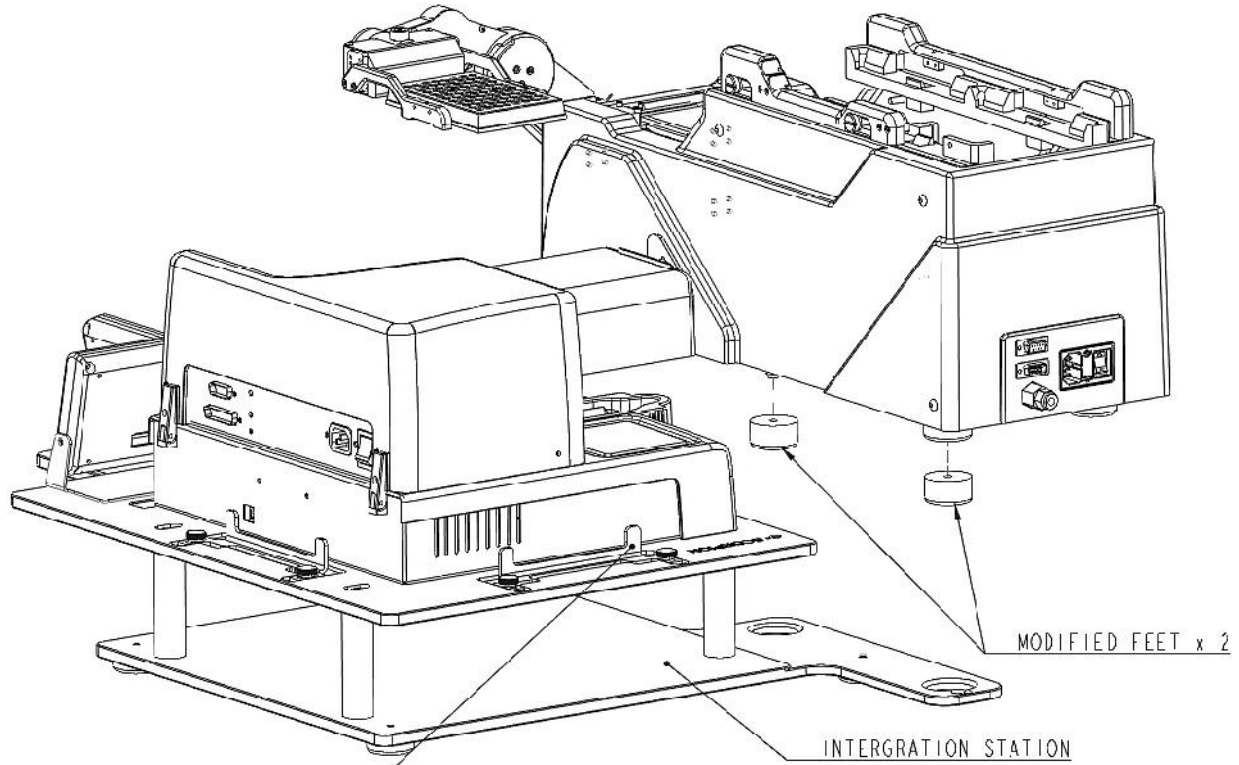


150-28271-207

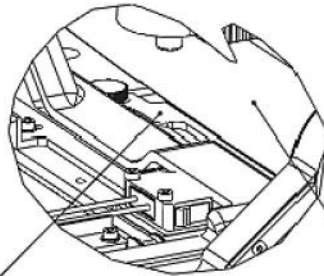
ITEM	Name	ISS	DESCRIPTION_1	QTY
1	200-28271-243	1	Scorpion & Multidrop Intergration	1
2	1010-28271-338	1	Multidrop Side/Rear Locking Bracket	4
3	8083-1-M5-010-CH	1		8
4	3031-10071	1	THUMB SCREW KNURLED CAP, FOR M5 SCREWS	8

1. Assemble integration station as shown using 4.0mm Allen key (**follow fig. 1 to 4**)
2. Position Scorpion onto platform as shown overleaf (**fig.5**) using two right rear modified feet for alignment. (No positional adjustment of the scorpion is necessary)
3. Position Multidrop onto platen as shown, ensuring all locking tabs are loose and free from the unit. The front locking tab (closest to the scorpion) should be loose and positioned in the gap behind the Multidrop front cover moulding – between the moulding and the metal base plate. (**see fig.6**)
4. Align Multidrop so that the Scorpion gripper arm deposits plate directly on to Multidrop nest.
5. Once the final position is set – slide all locking tabs so that they are positioned firmly against the body of the Multidrop & tighten all thumb screws.
6. If further adjustment is required – loosen the top M6 x 12 bolts and adjust as necessary.

SCORPION SHOWN WITH HOTFIS REMOVED



LOCKING TAB x 4



FRONT LOCKING TAB (NEAREST SCORPION) TO BE POSITIONED BETWEEN MULTIDROP COVER MOULDING AND MULTIDROP BASE

