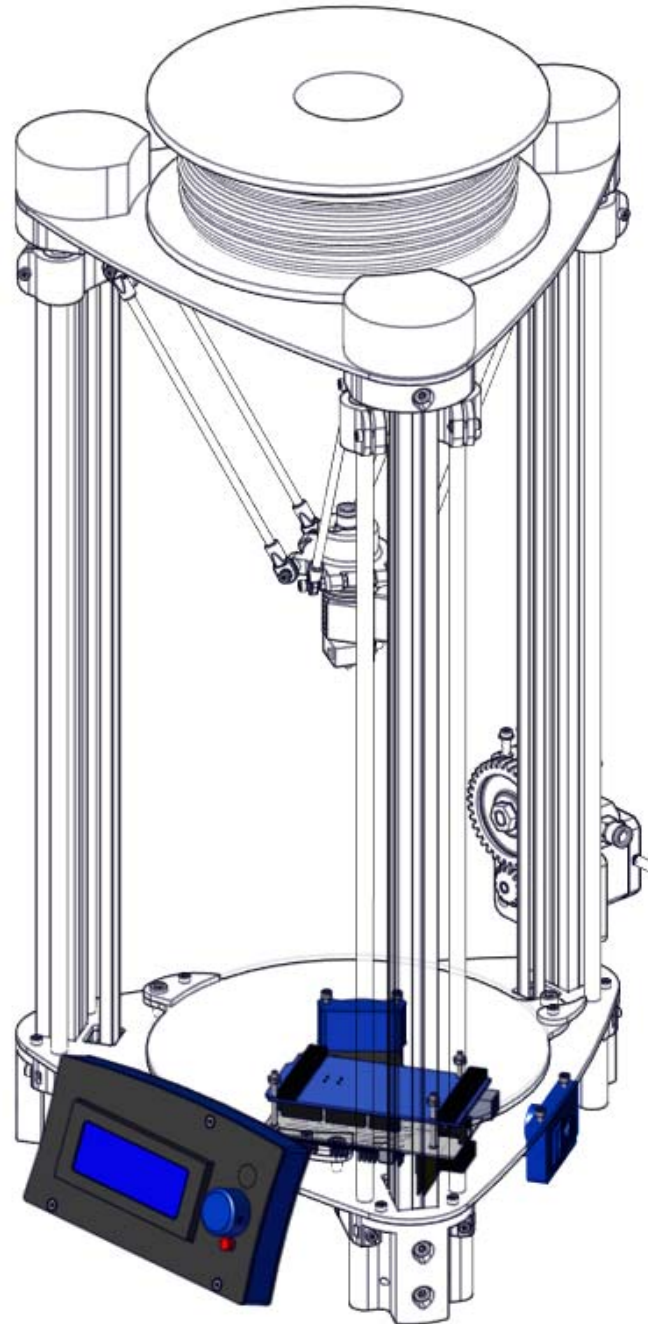


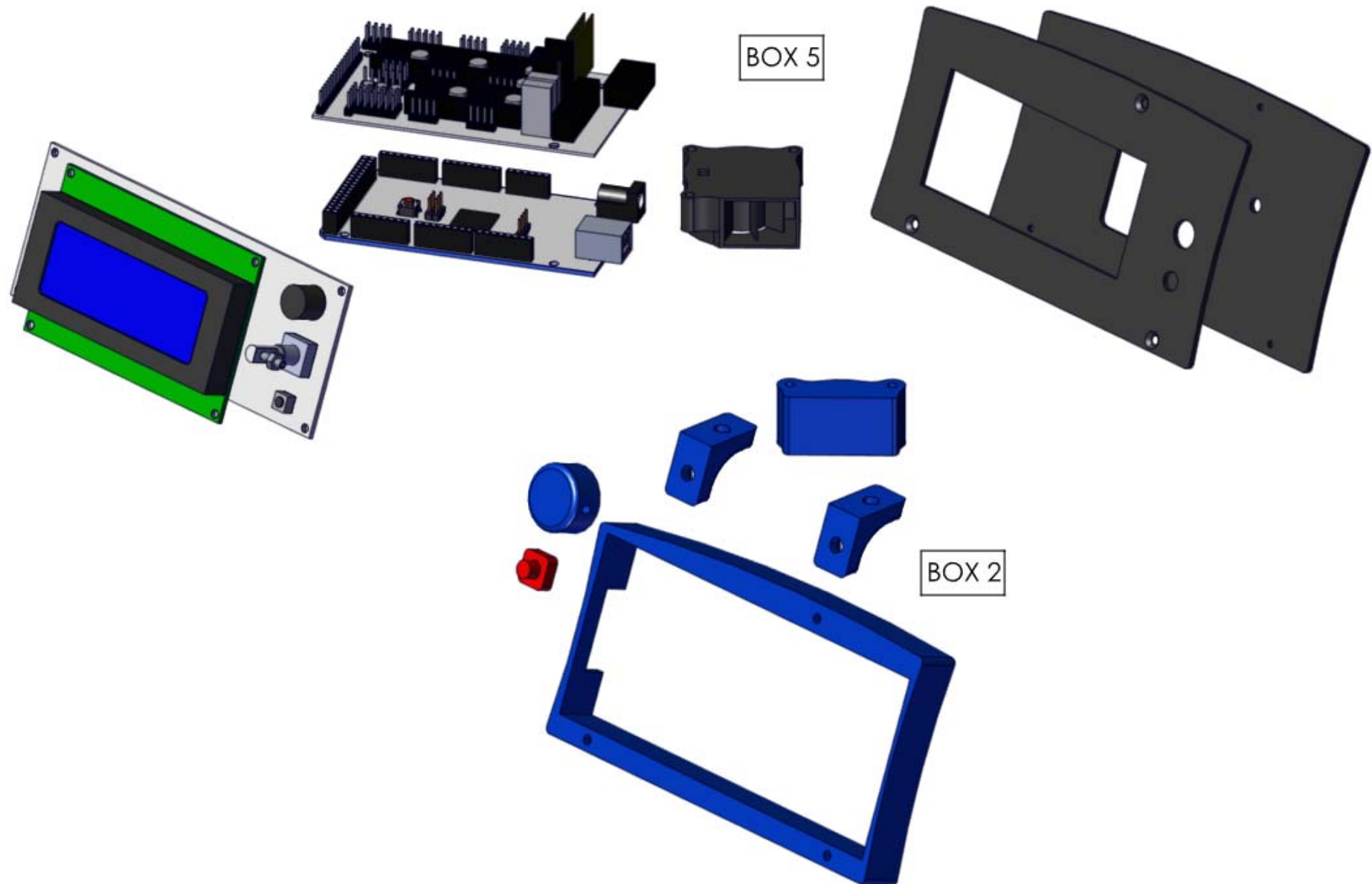
4 BCN3DR ASSEMBLY GUIDE

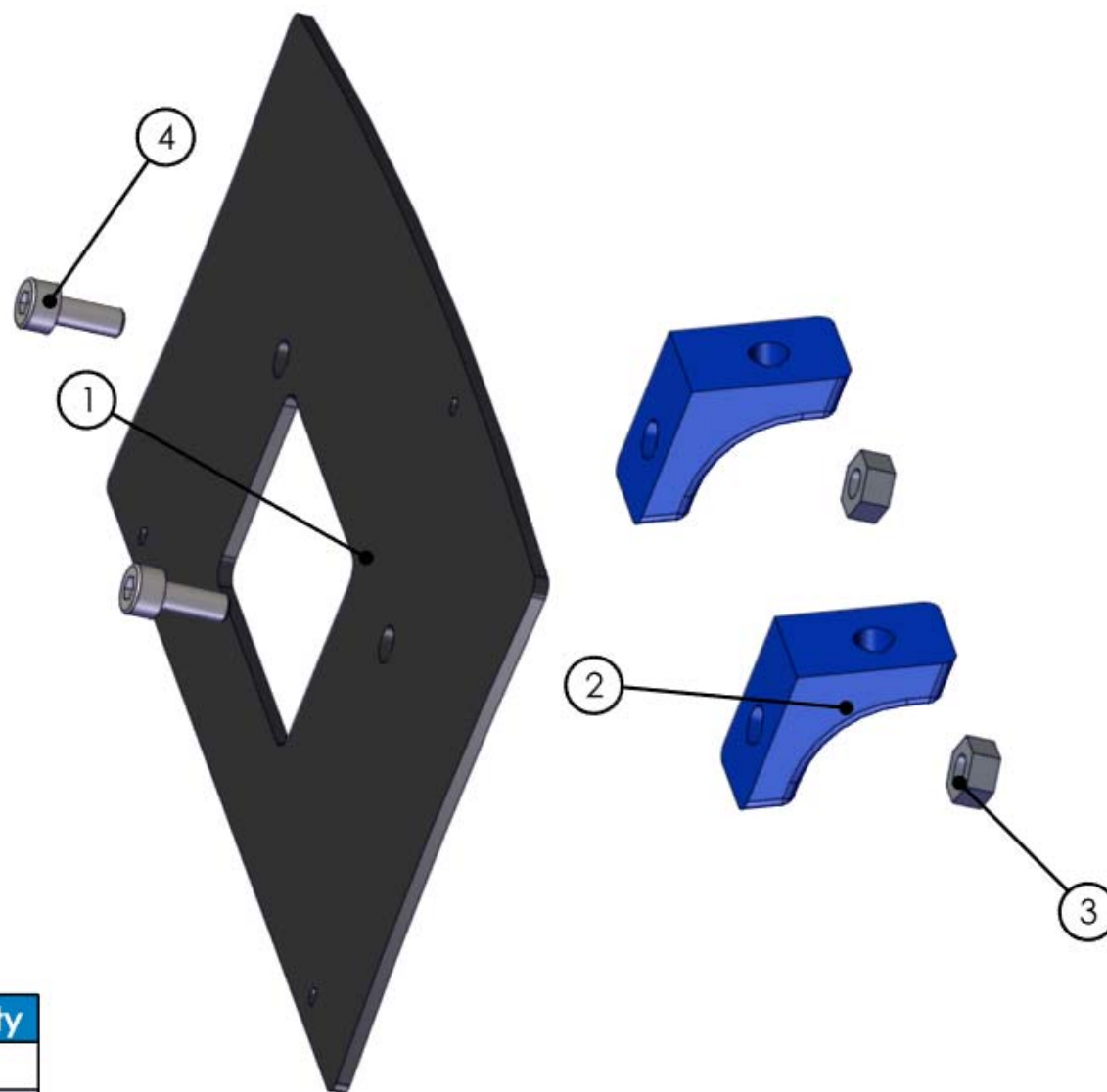
SCREEN & ELECTRONICS



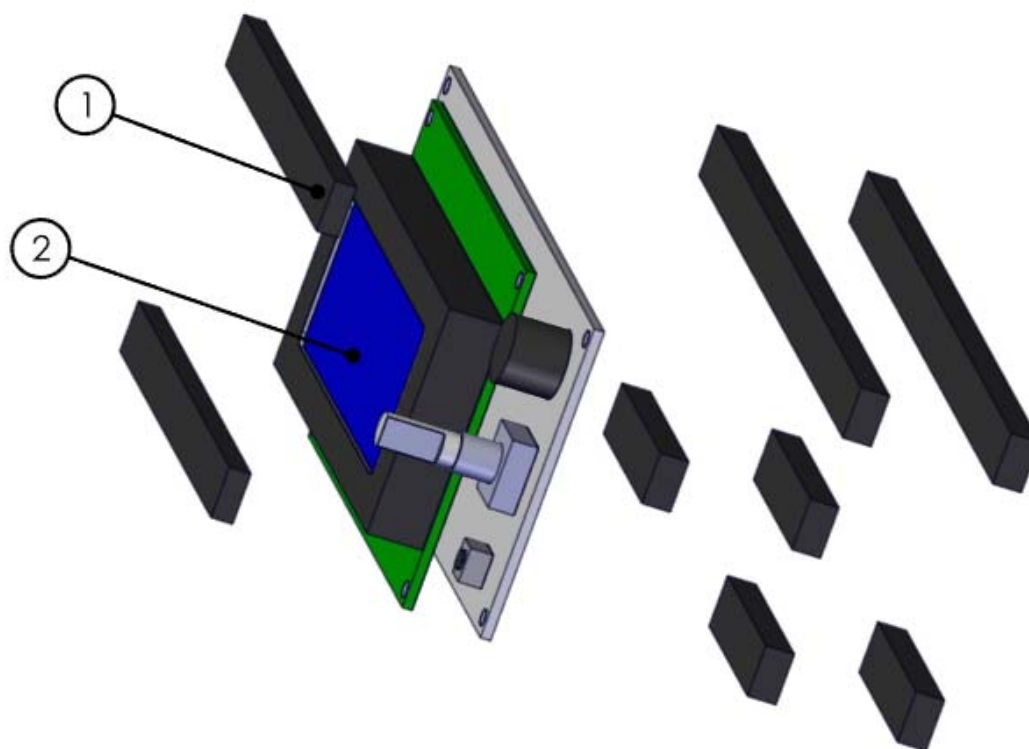
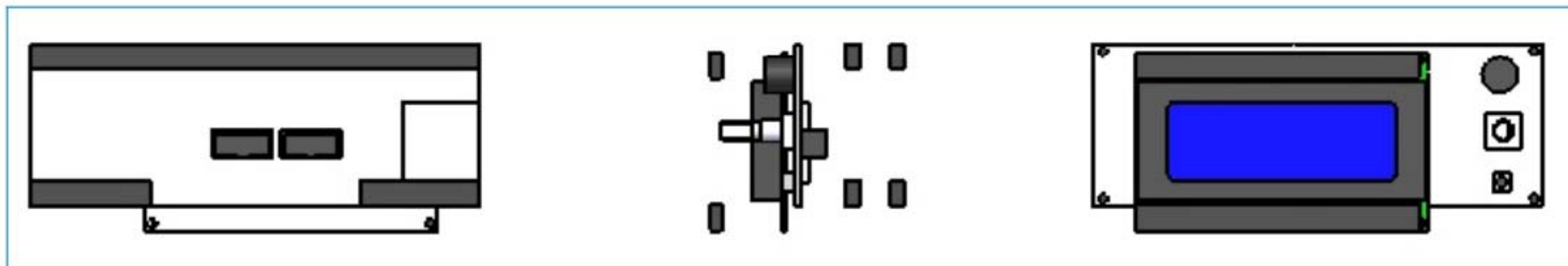
4 BCN3DR ASSEMBLY GUIDE

SCREEN & ELECTRONICS



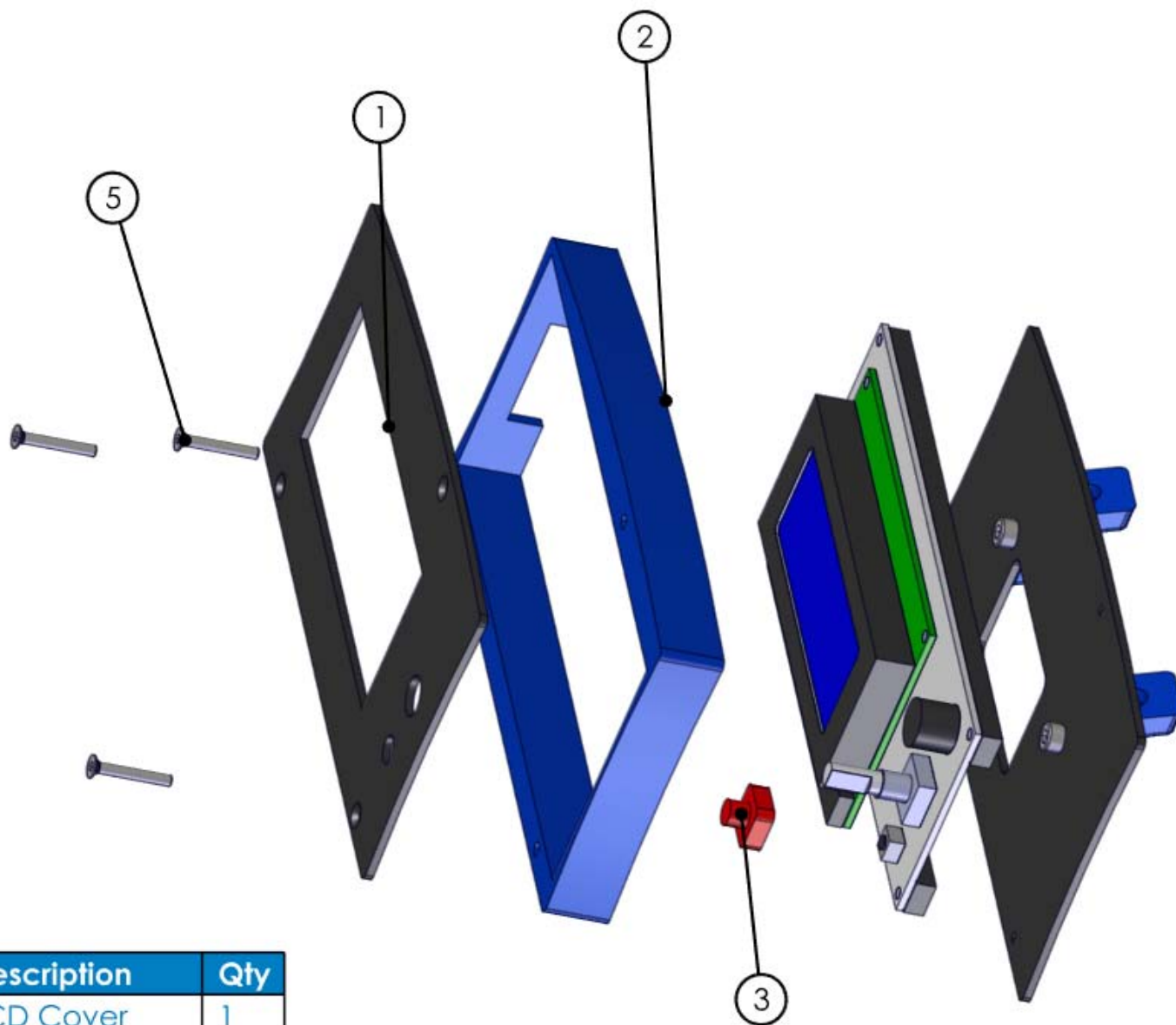


BOM ID	Description	Qty
1	LCD Base	1
2	Screen holder	2
3	DIN934 M5	2
4	DIN912 M5x10	2



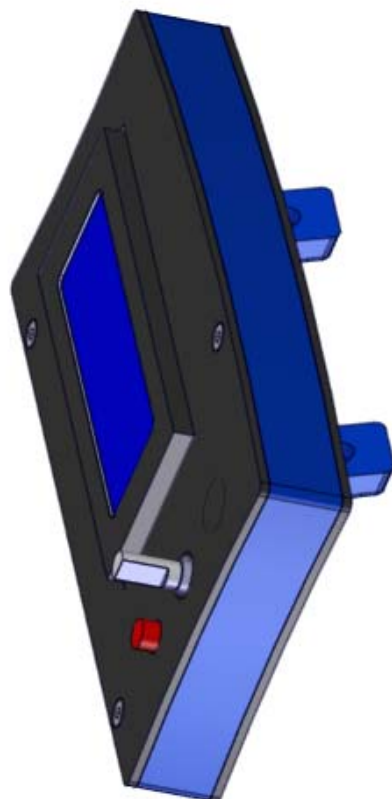
BOM ID	Description	Qty
1	Foam front	1
2	LCD	1

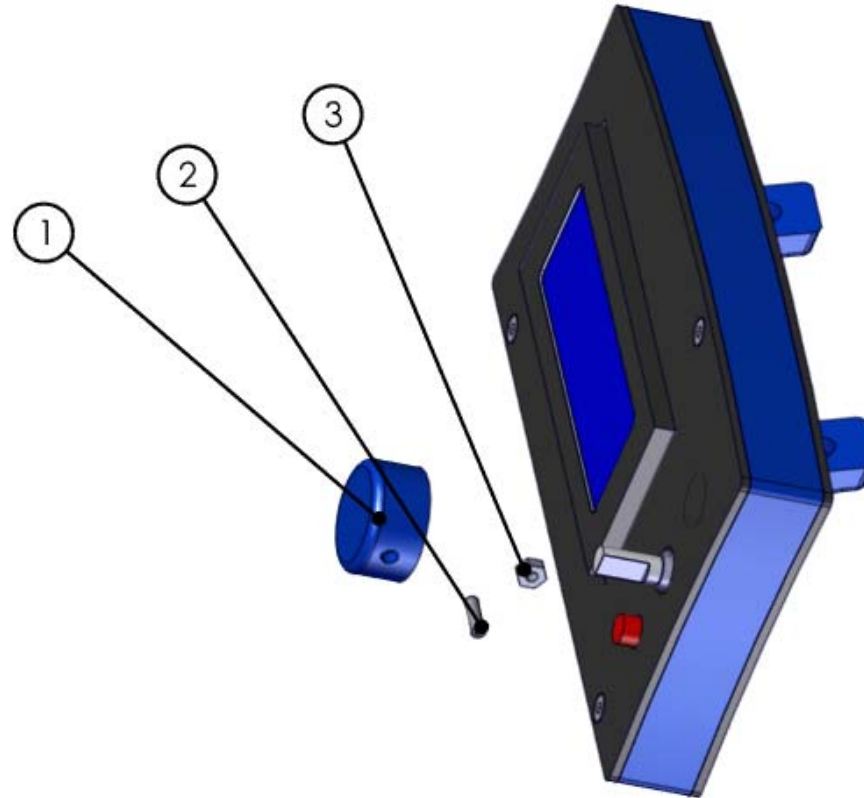
3



BOM ID	Description	Qty
1	LCD Cover	1
2	LCD Frame	1
3	Stop Button	1
5	DIN7991 M3x25	3

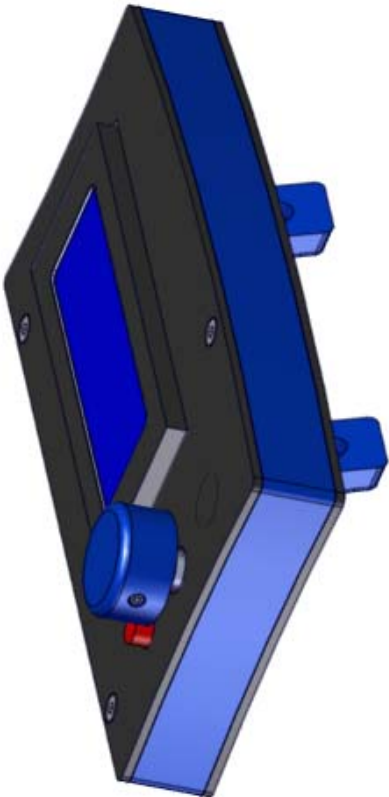
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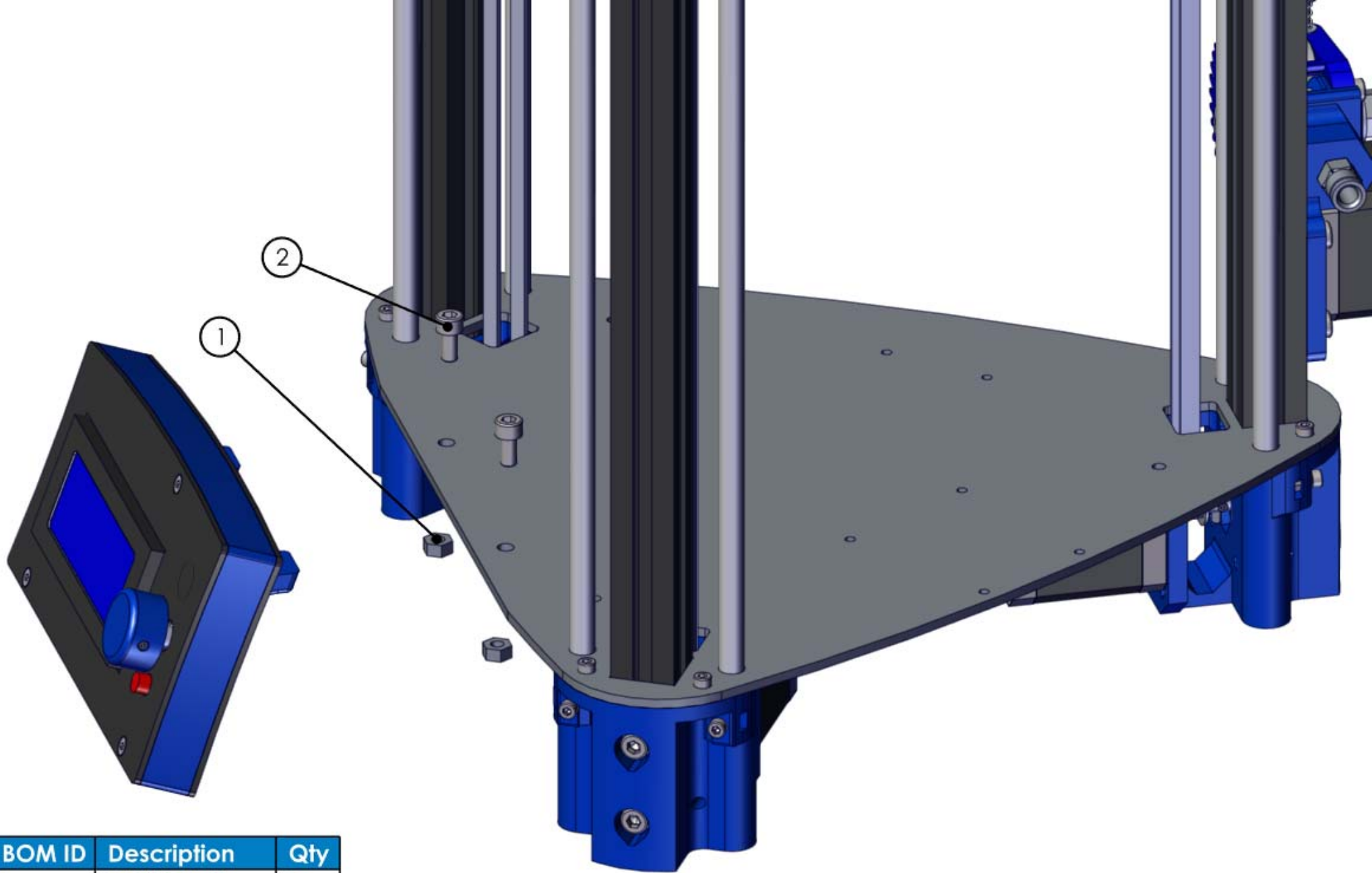


BOM ID	Description	Qty
1	Control Button	1
2	DIN913 M3x10	1
3	DIN934 M3	1

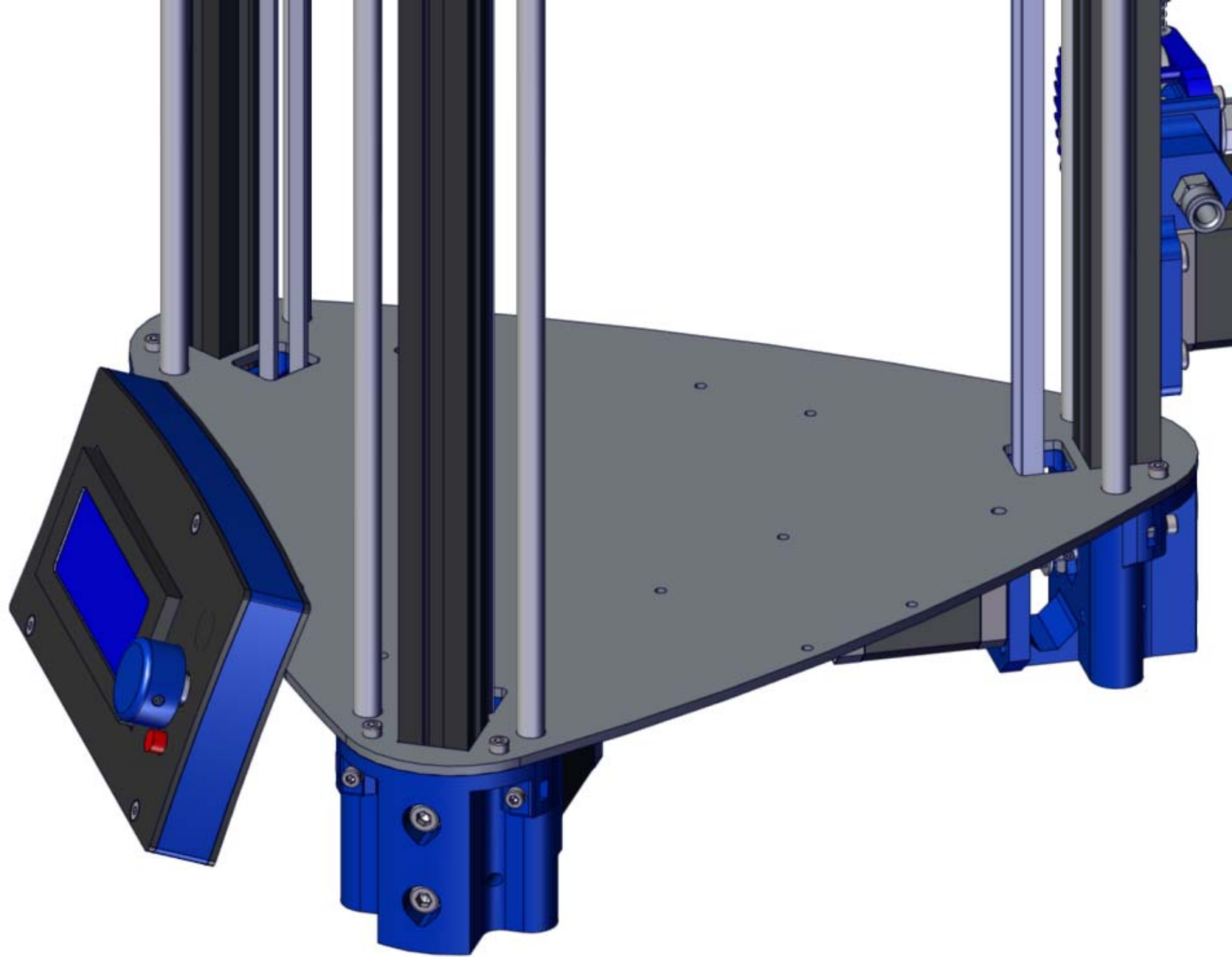
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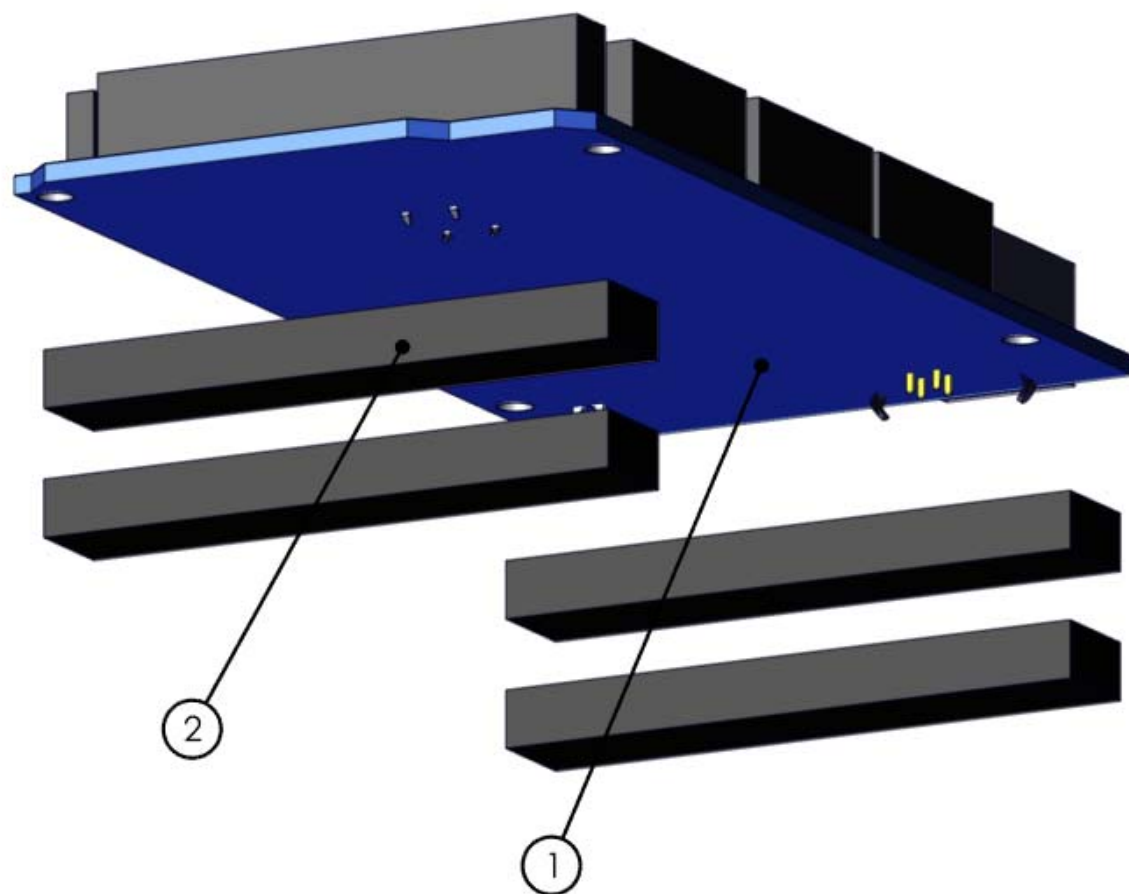


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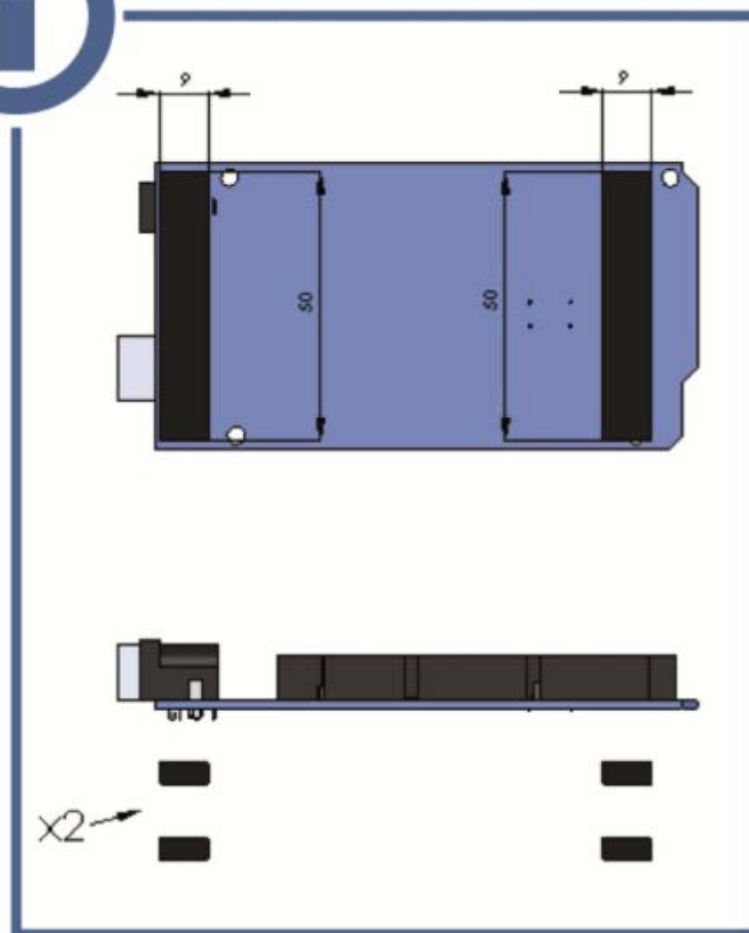


BOM ID	Description	Qty
1	DIN934 M5	2
2	DIN912 M5x10	2



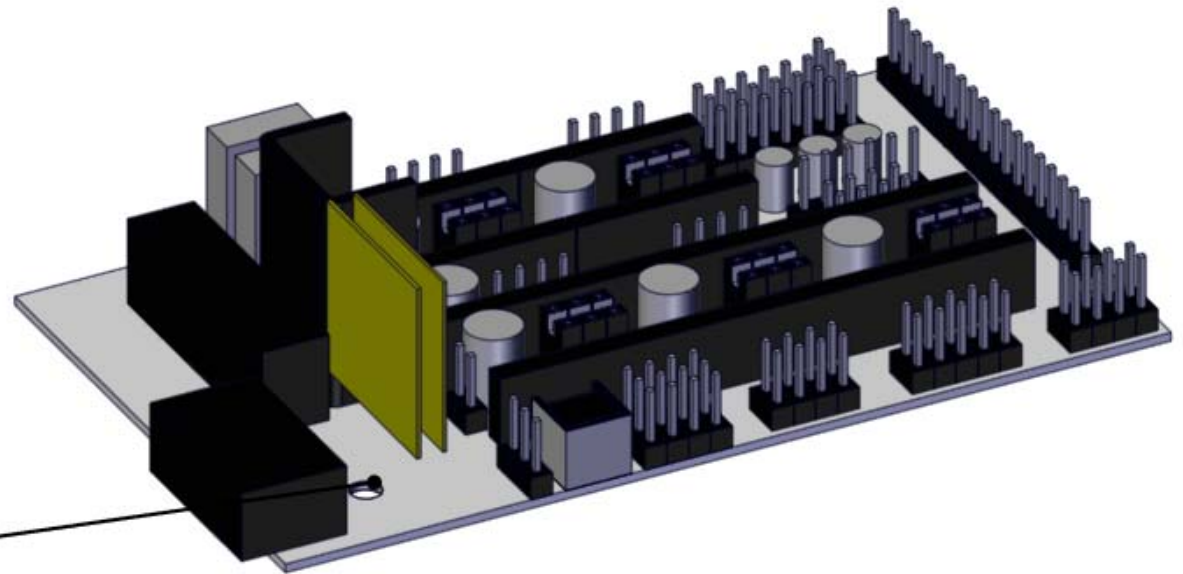
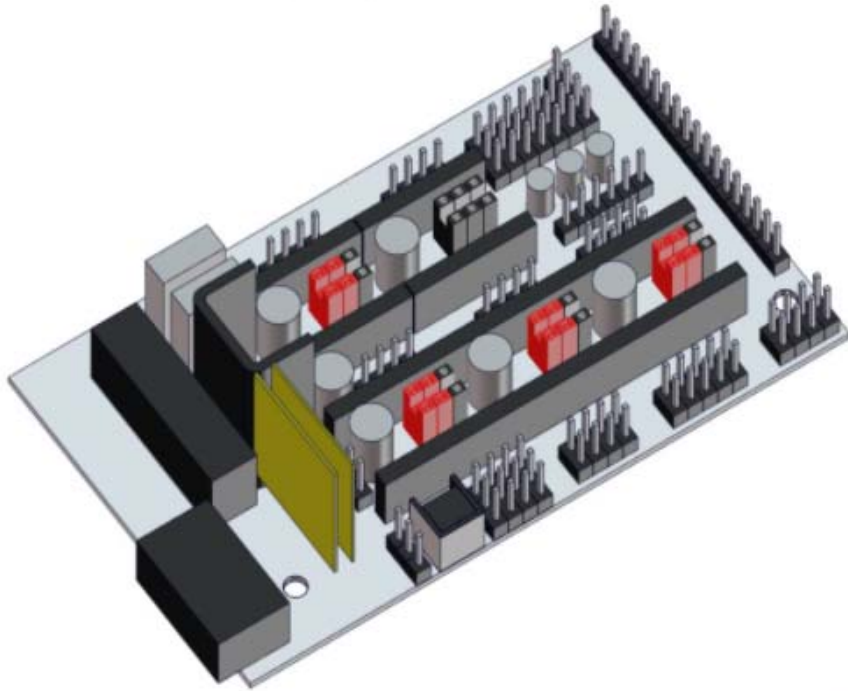


BOM ID	Description	Qty
1	Arduino Mega 2560	1
2	Electronics foam	1





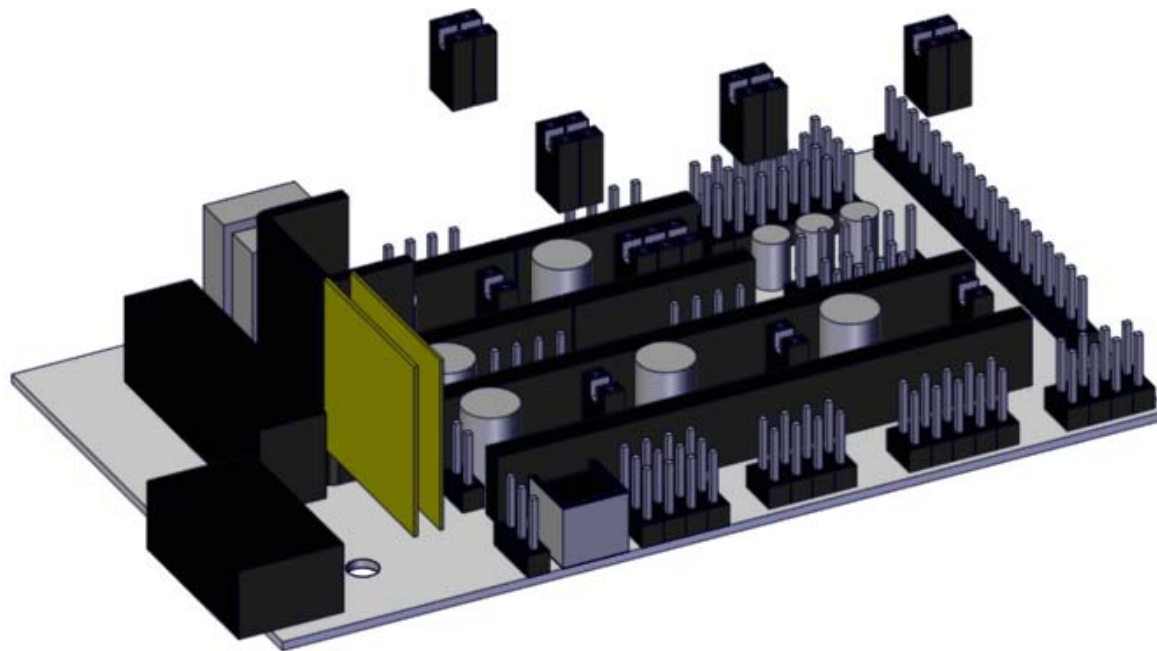
In order to adapt the board Ramps to purple Pololus, two jumpers must be disconnected (rectangular connectors), as shown in red in Fig.

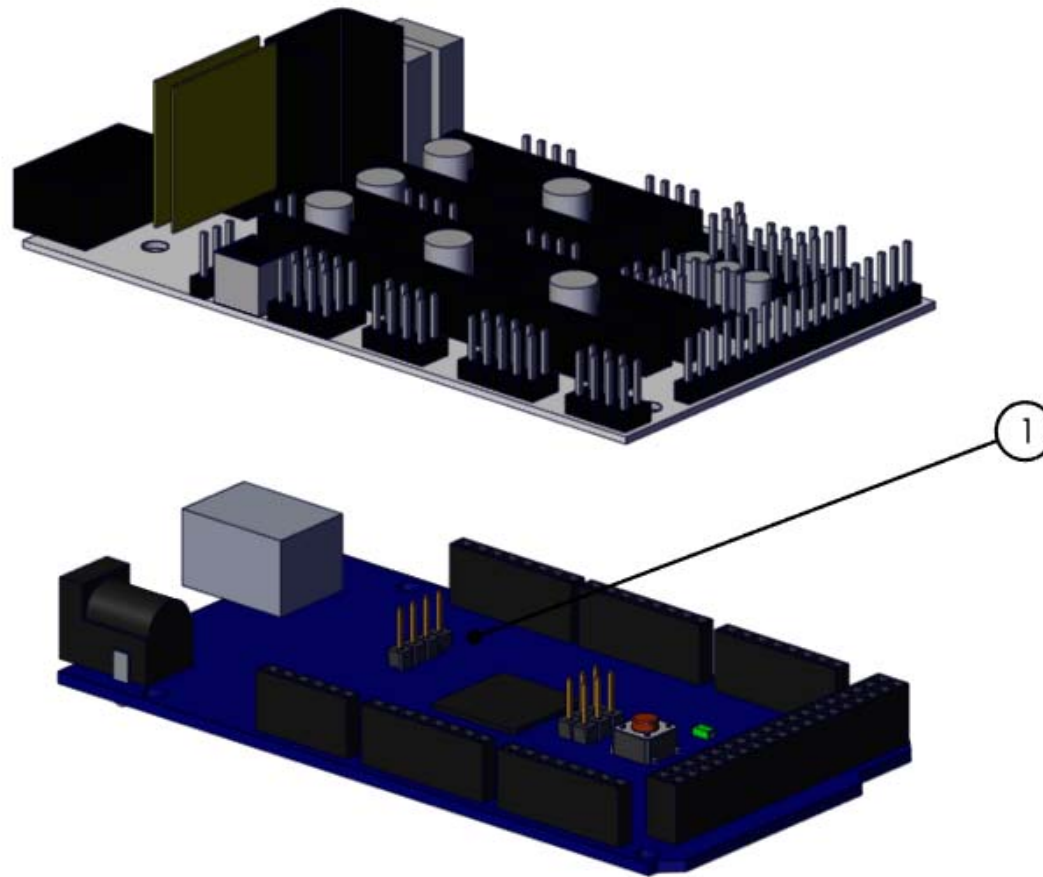


BOM ID	Description	Qty
3	Ramps 4.1	1

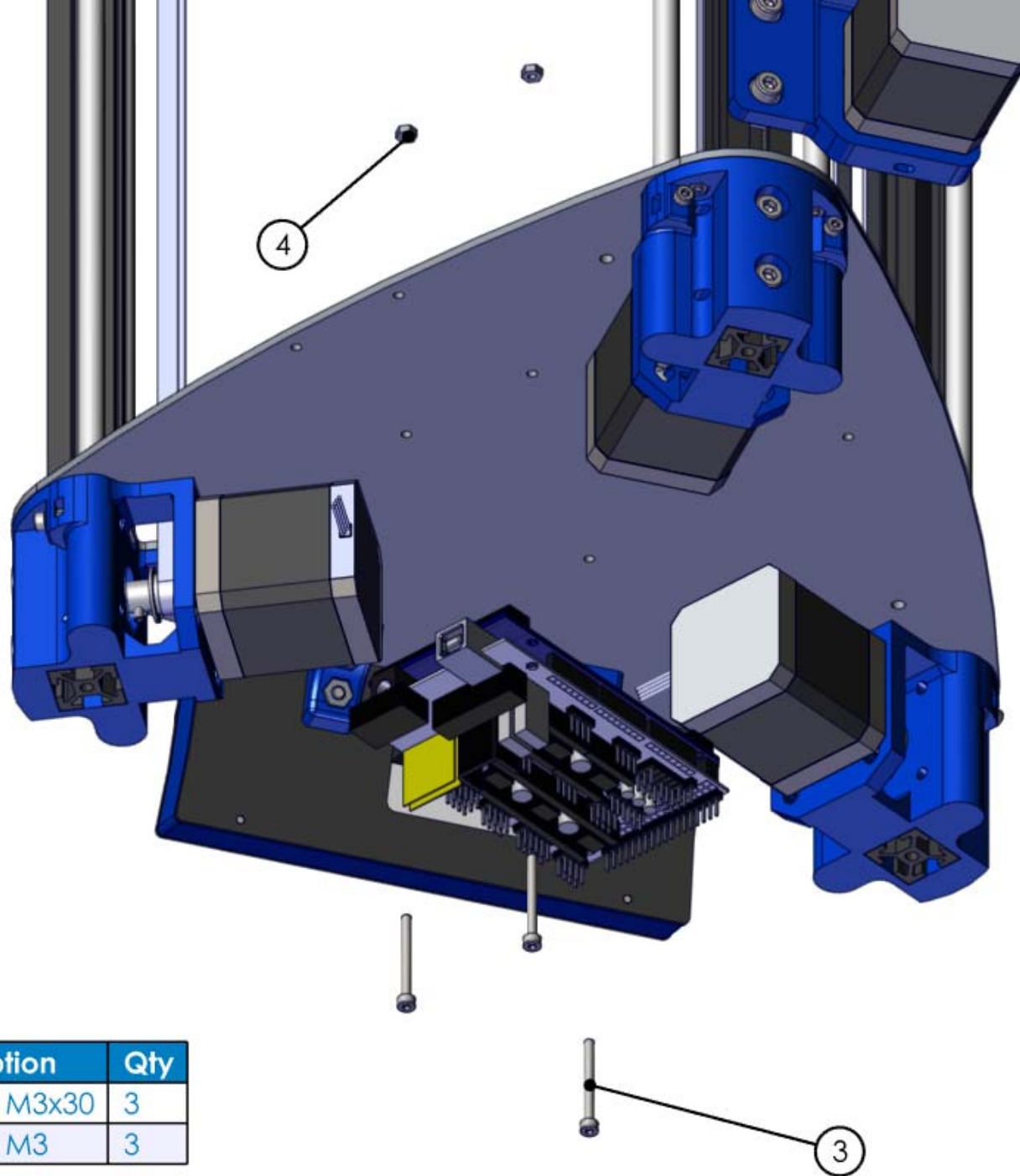


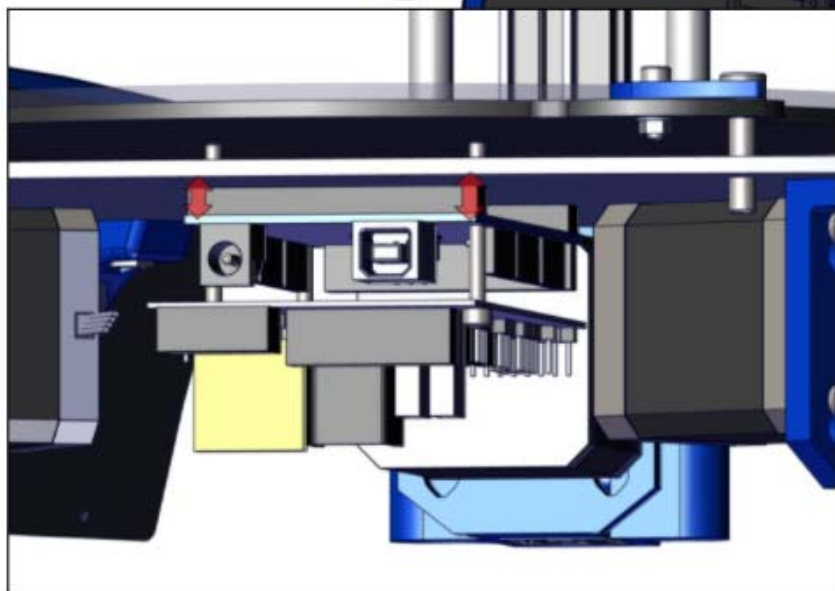
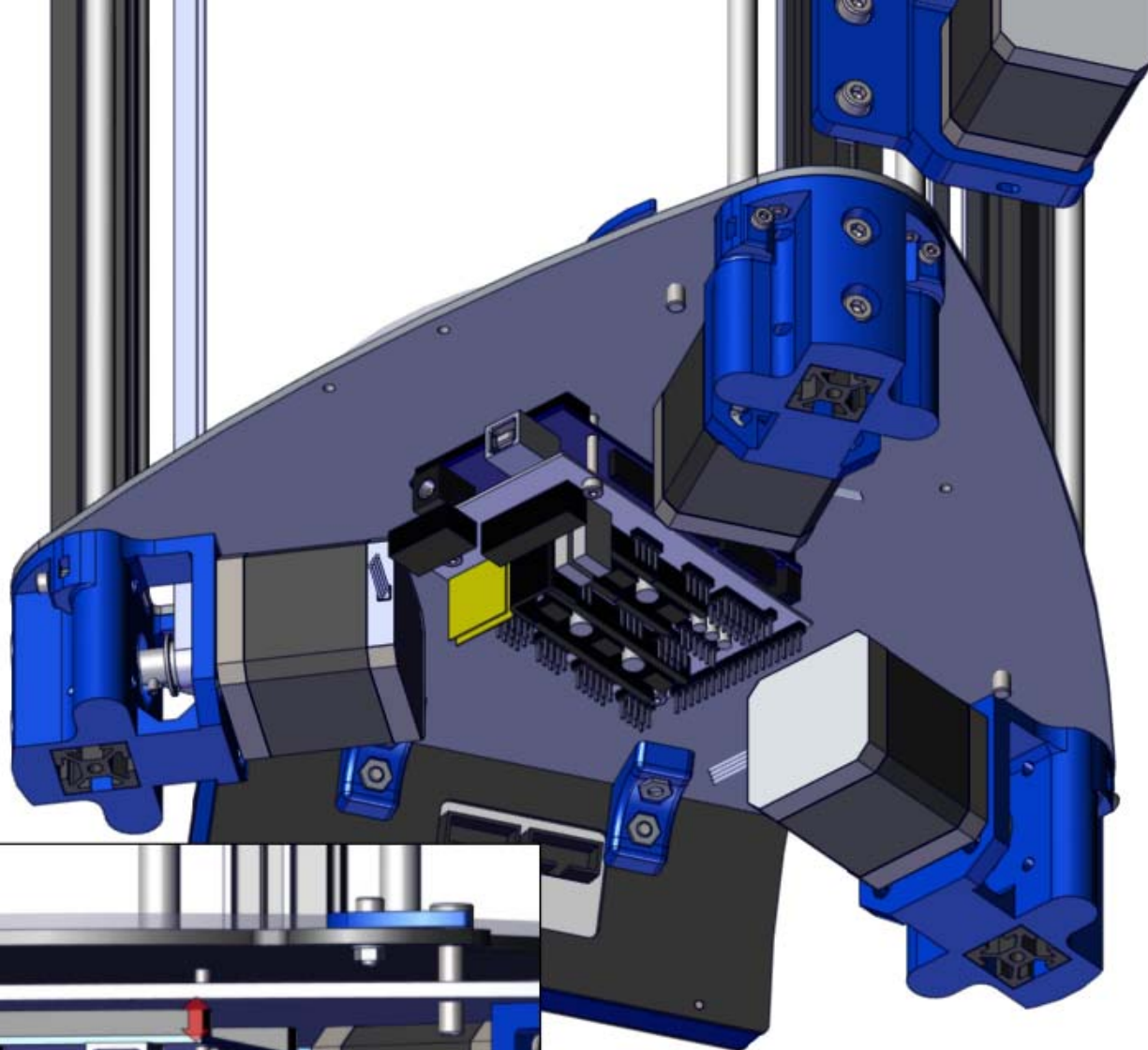
Keep the jumper for futures upgrades.





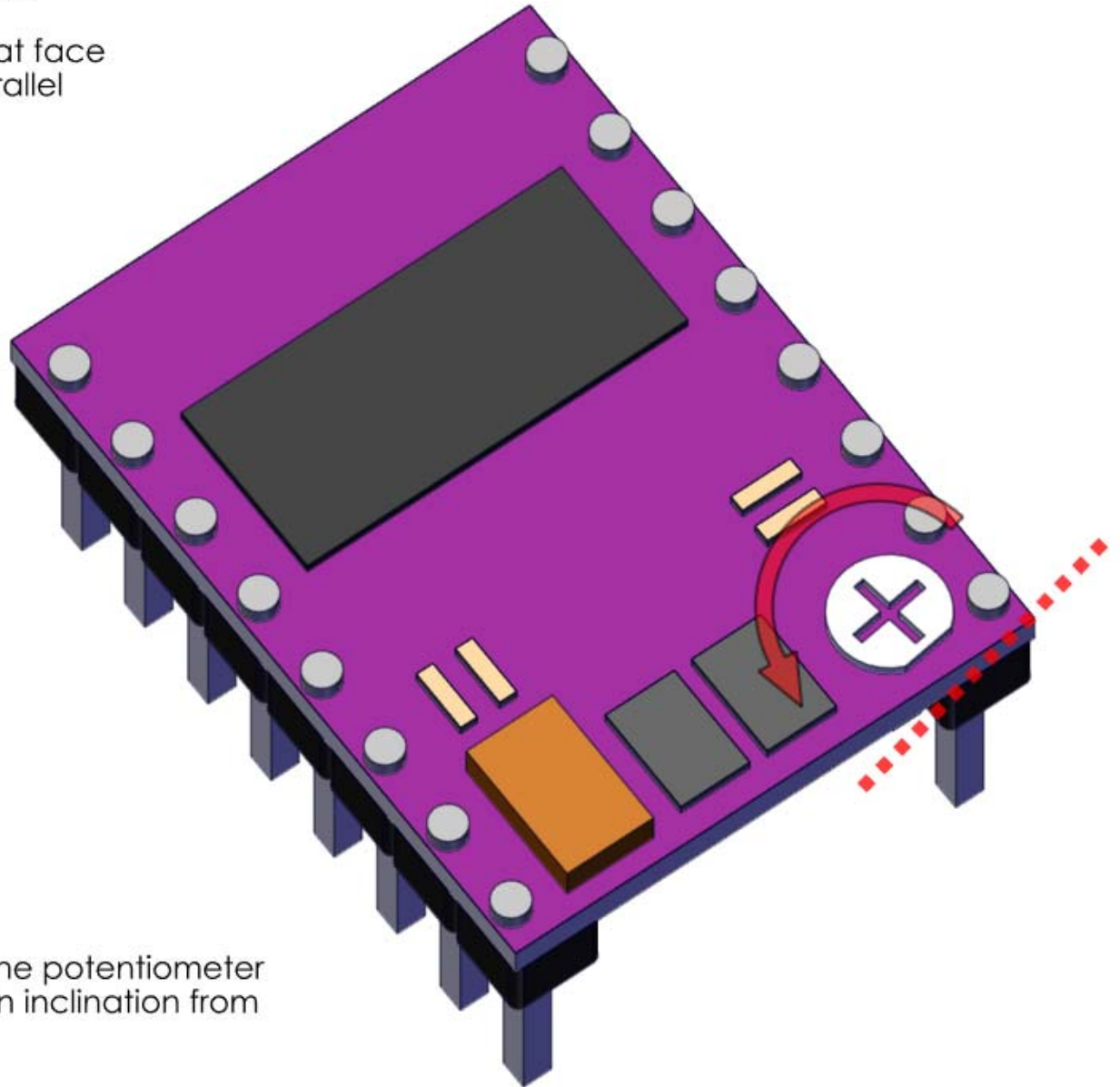
BOM ID	Description	Qty
1	Arduino Mega 2560	1



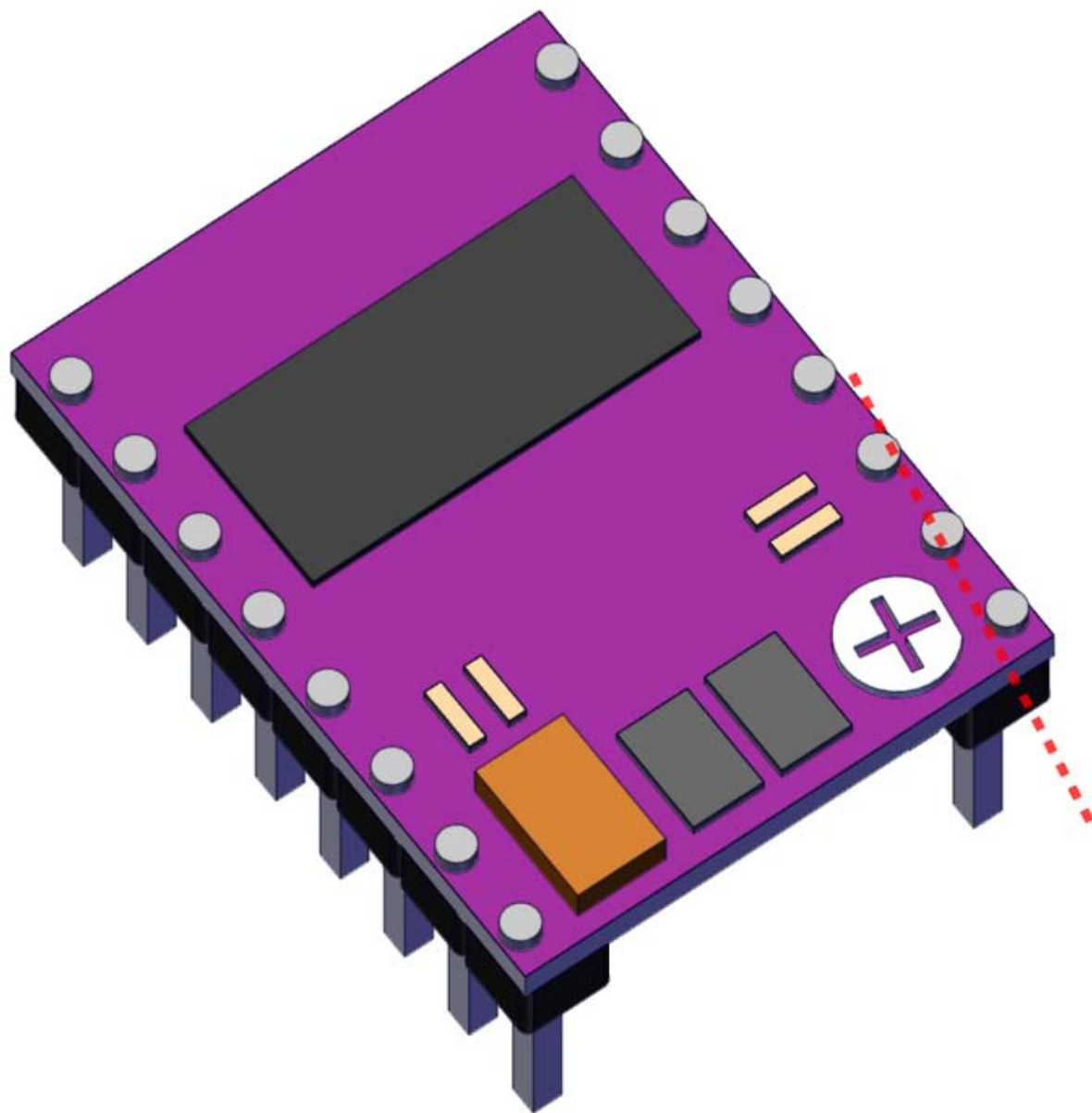




Using the Phillips screwdriver provided, turn gently the potentiometer until the flat face of the screw is almost parallel to closer pins.

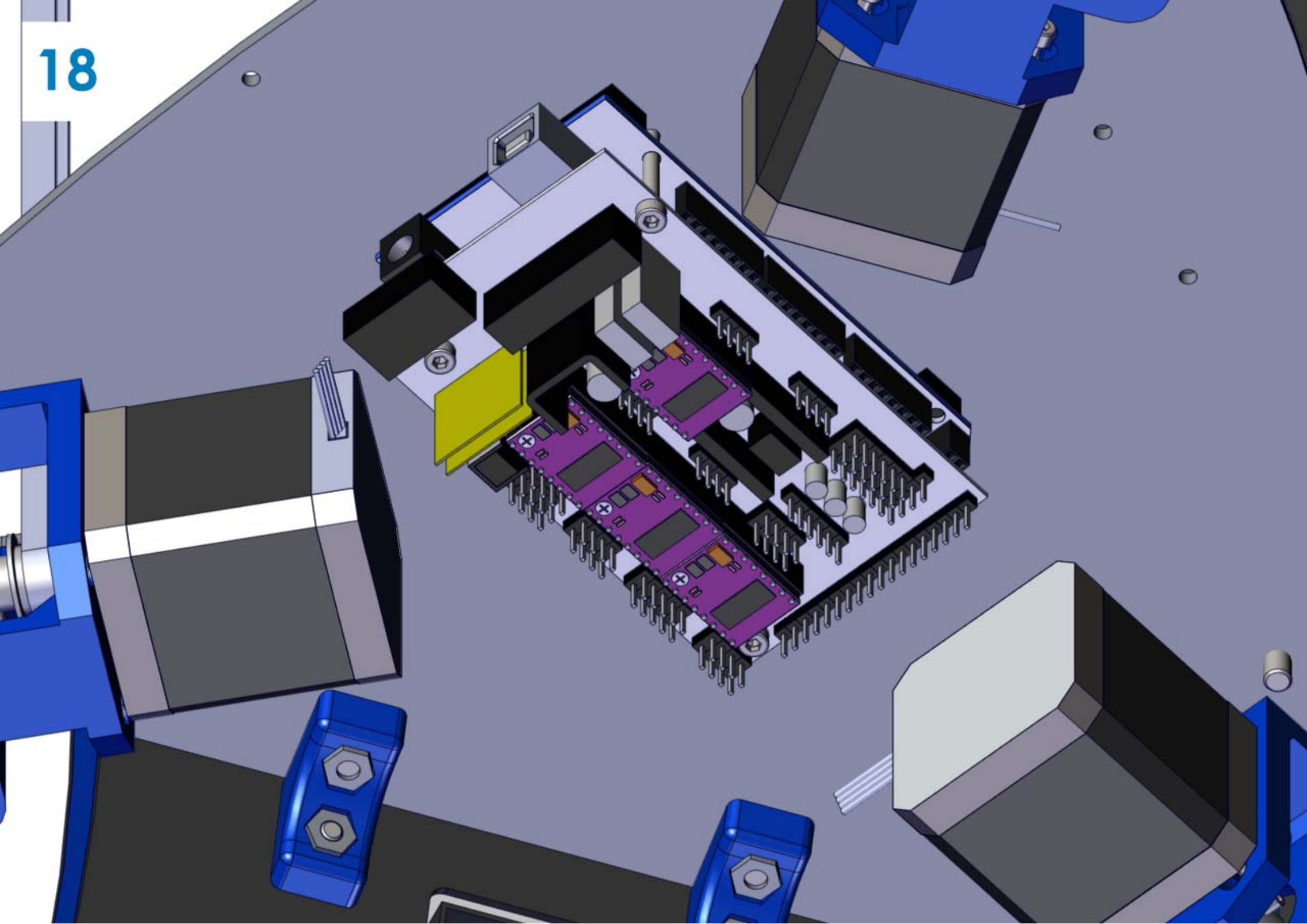


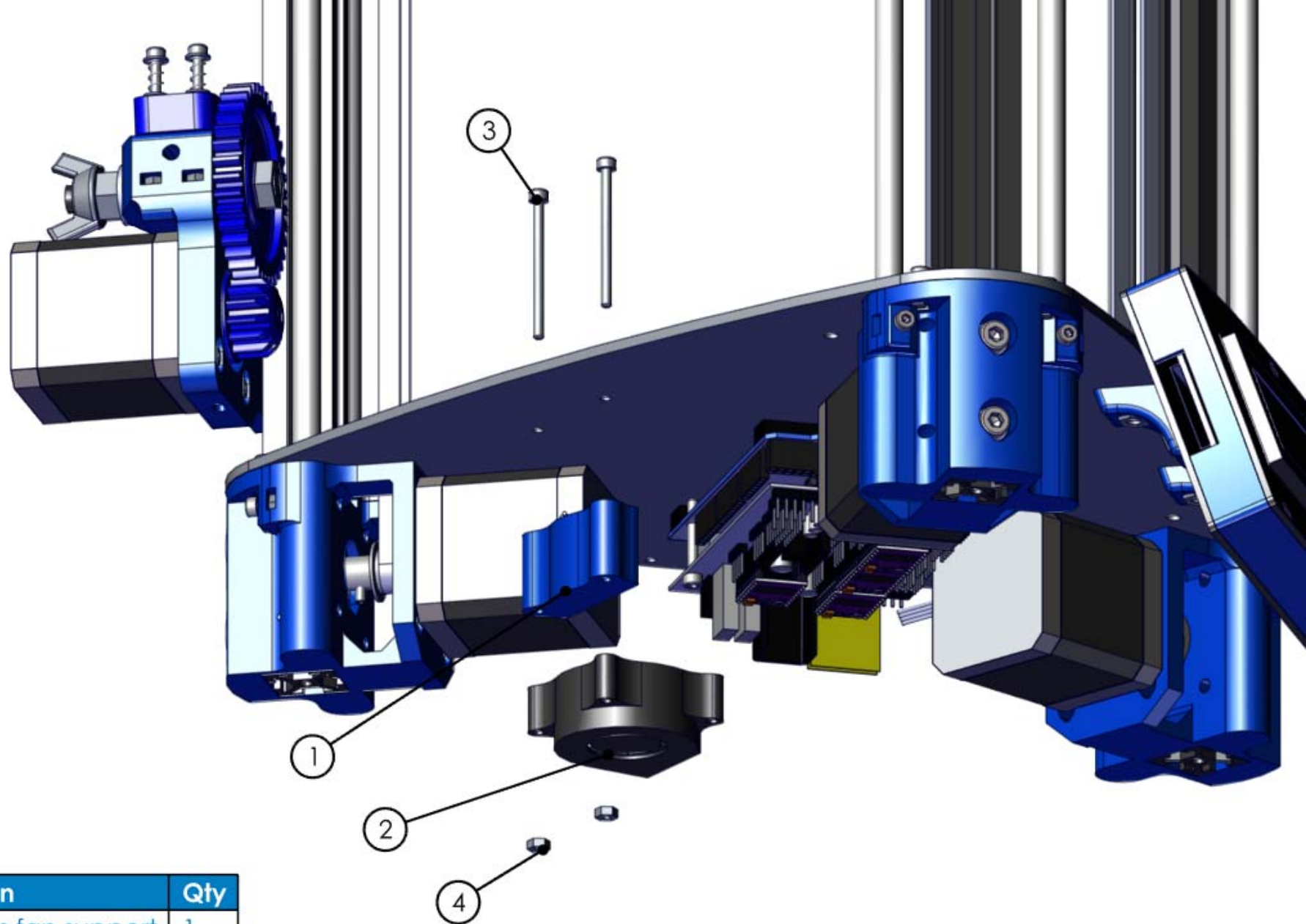
Check that the flat side of the potentiometer screw must be with a certain inclination from the pins, see slide 16.



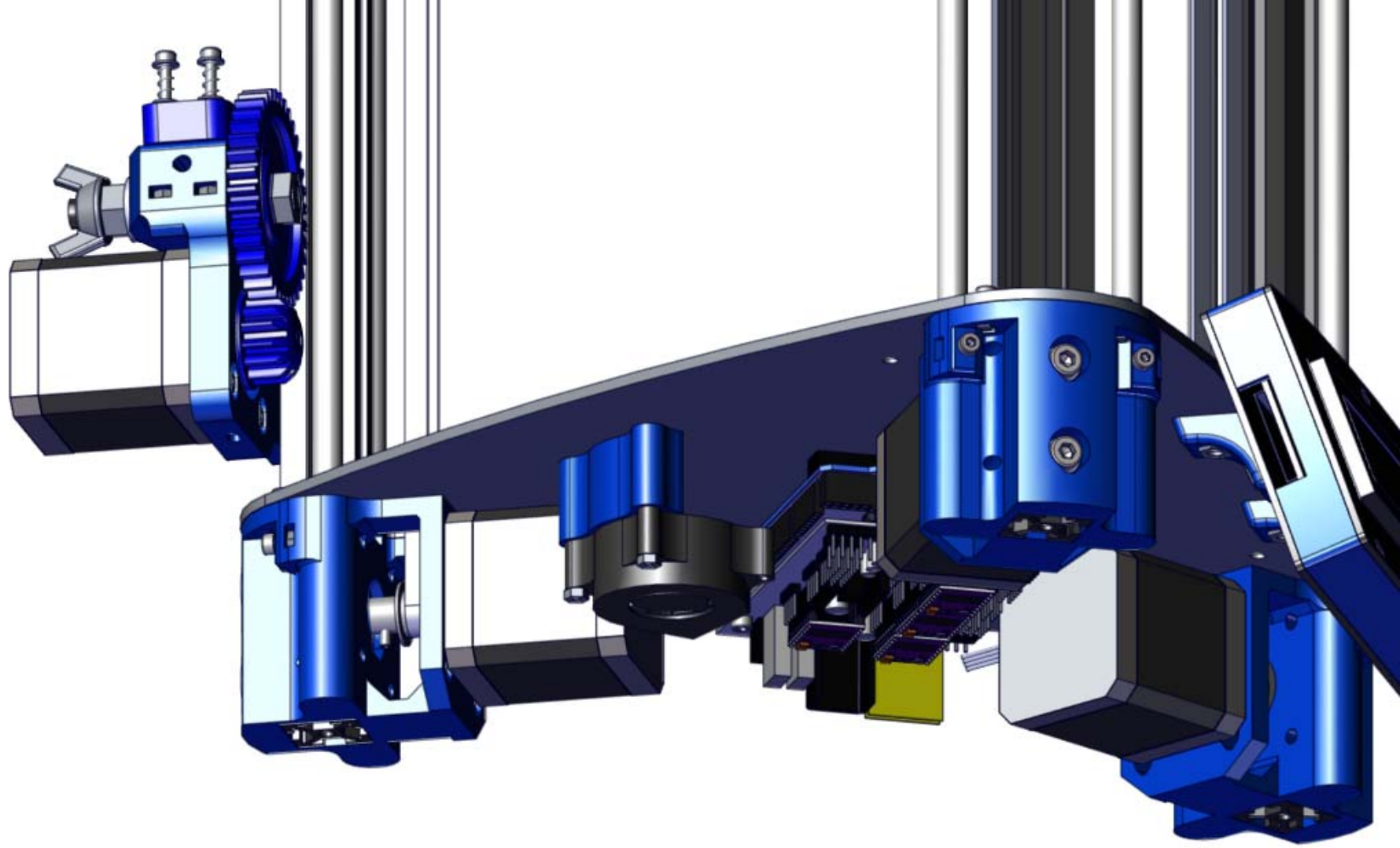
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BOM ID	Description	Qty
1	Driver Pololu purple	4

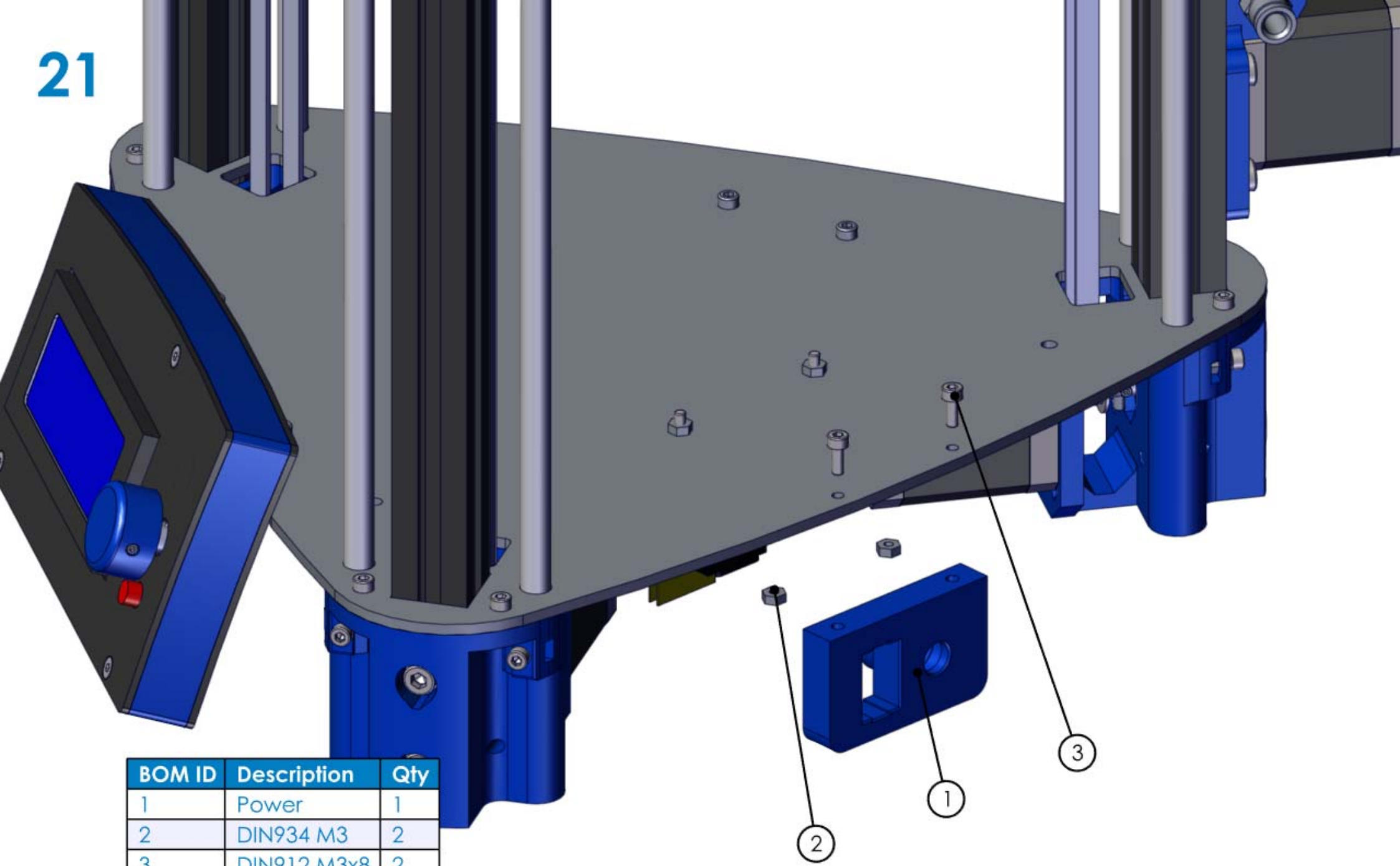




BOM ID	Description	Qty
1	Electronics fan support	1
2	Blower Fan 4020S 12V	1
3	DIN912 M3x40	2
4	DIN934 M3	2



21



BOM ID	Description	Qty
1	Power	1
2	DIN934 M3	2
3	DIN912 M3x8	2

22

