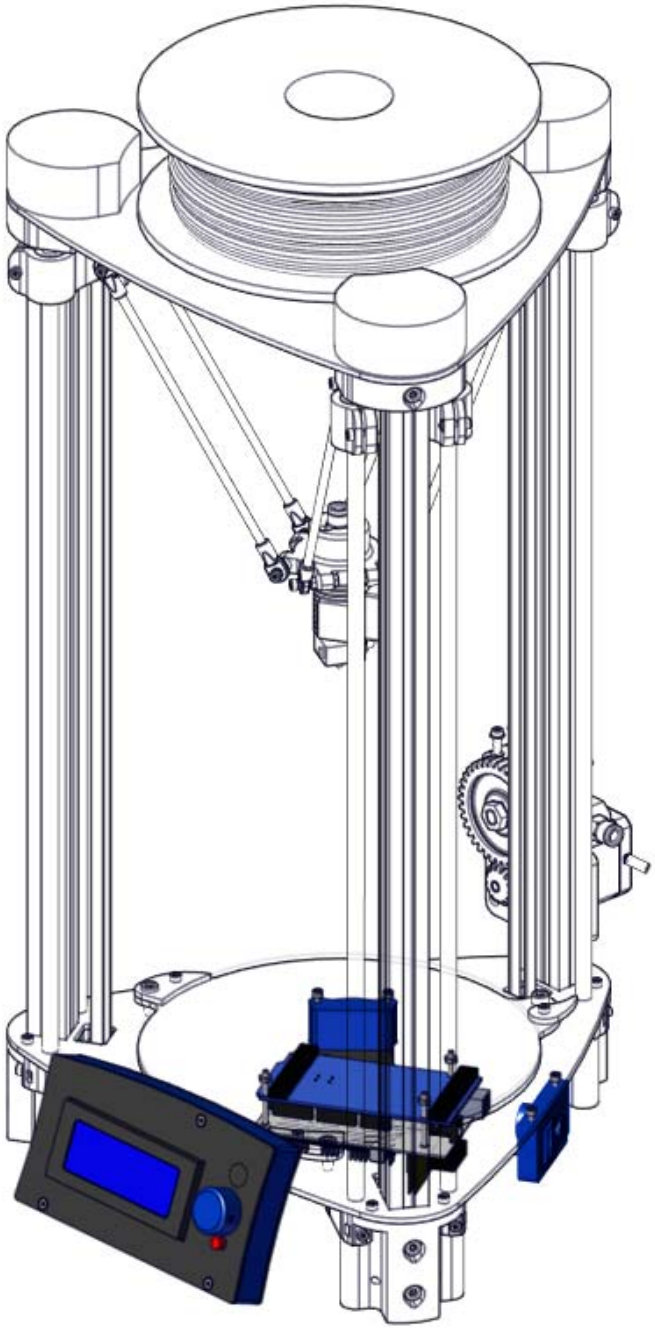
4 BCN3DR ASSEMBLY GUIDE
SCREEN & ELECTRONICS



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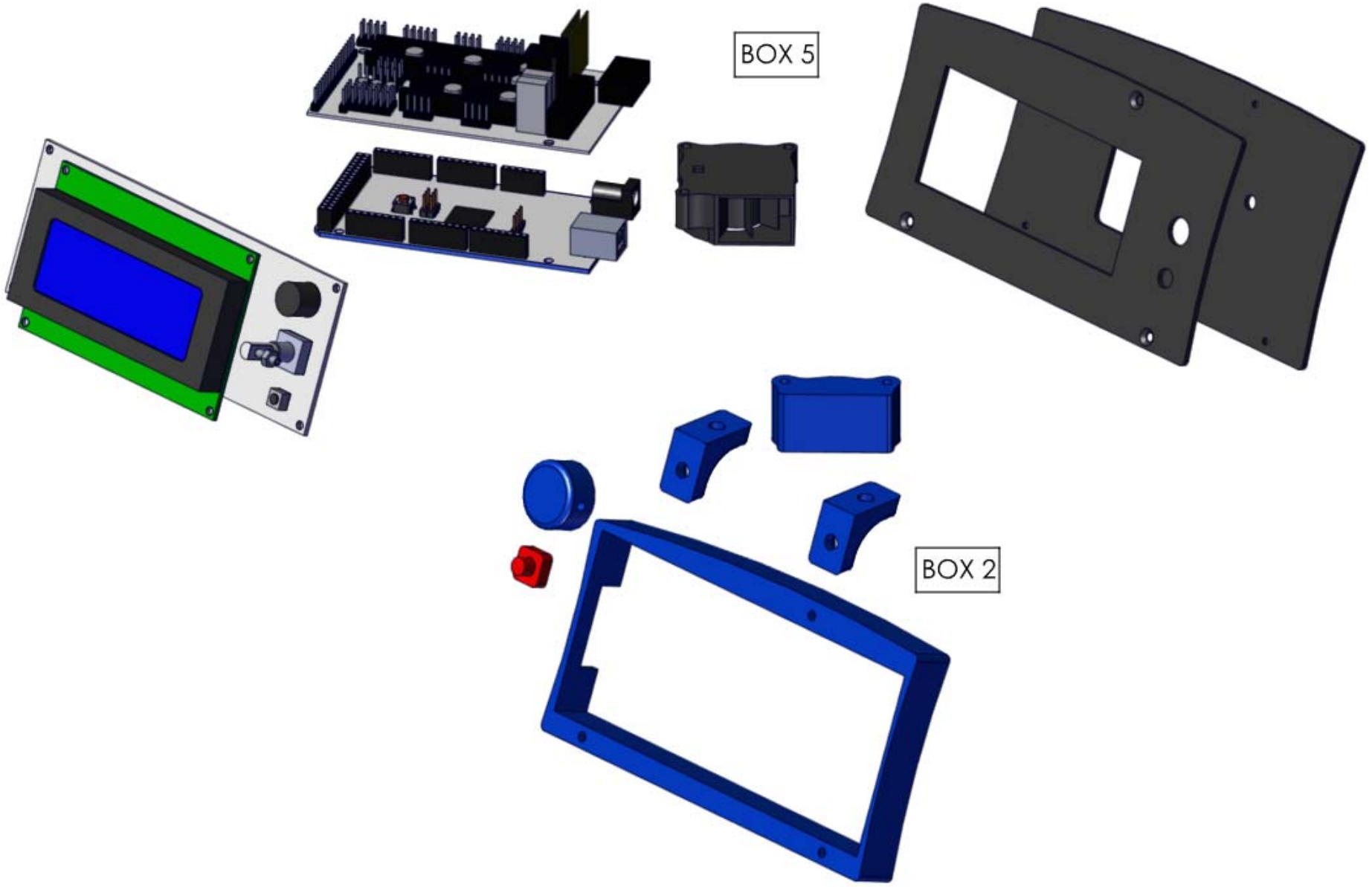

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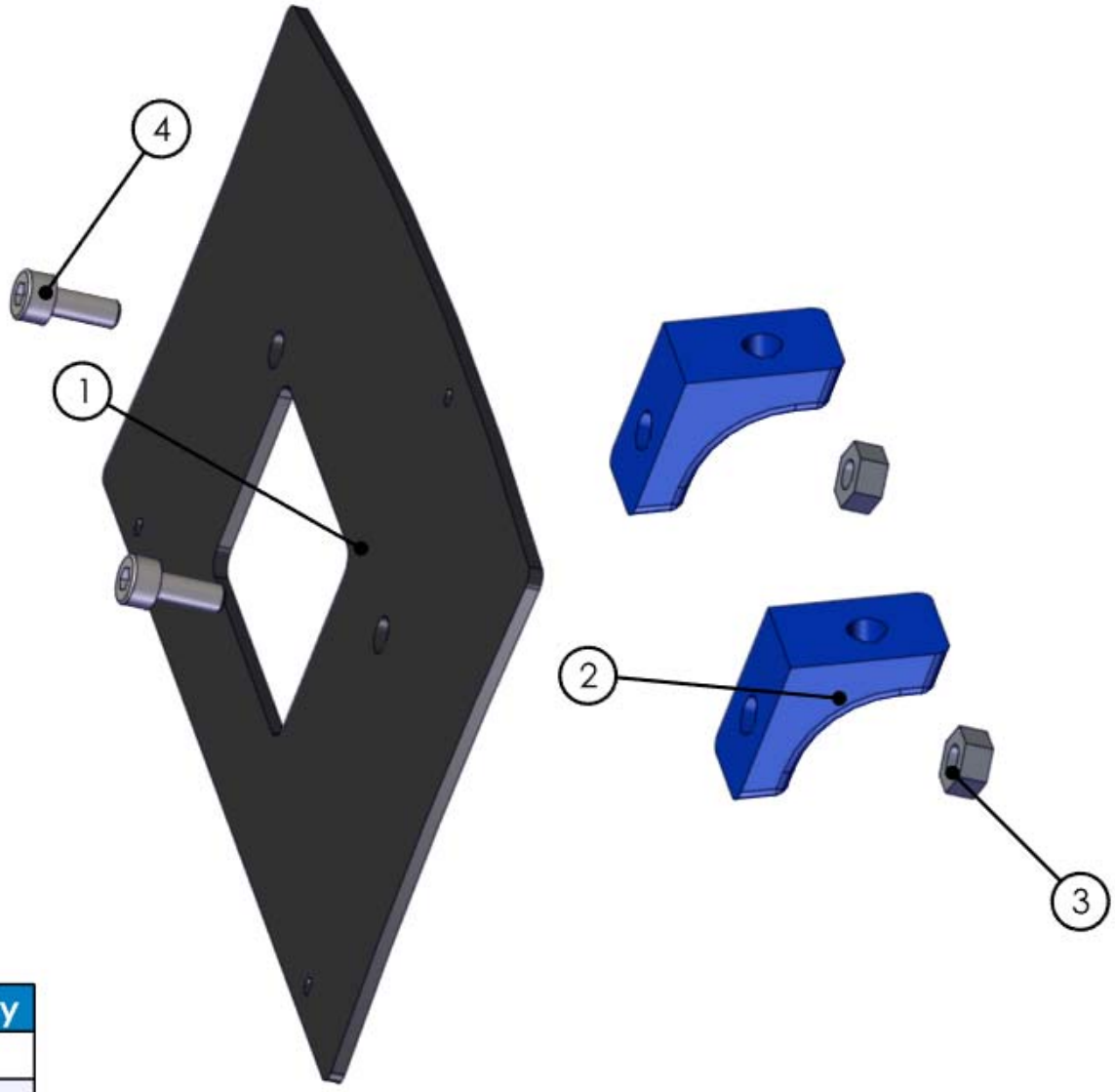
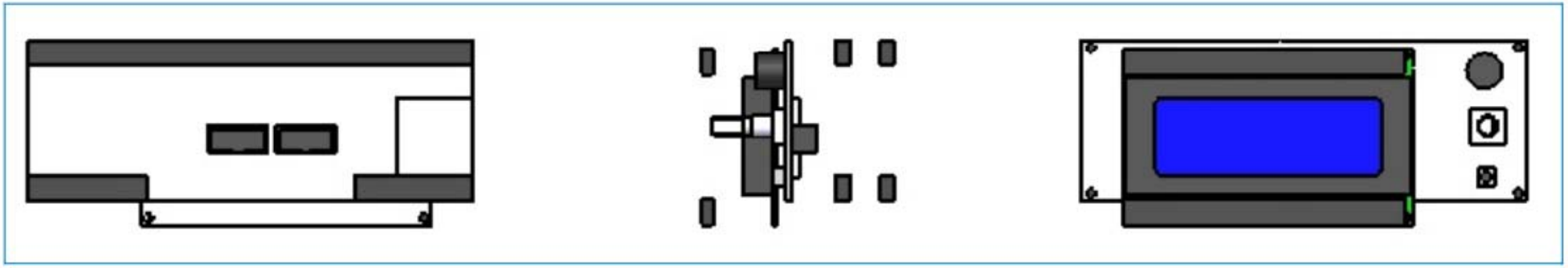
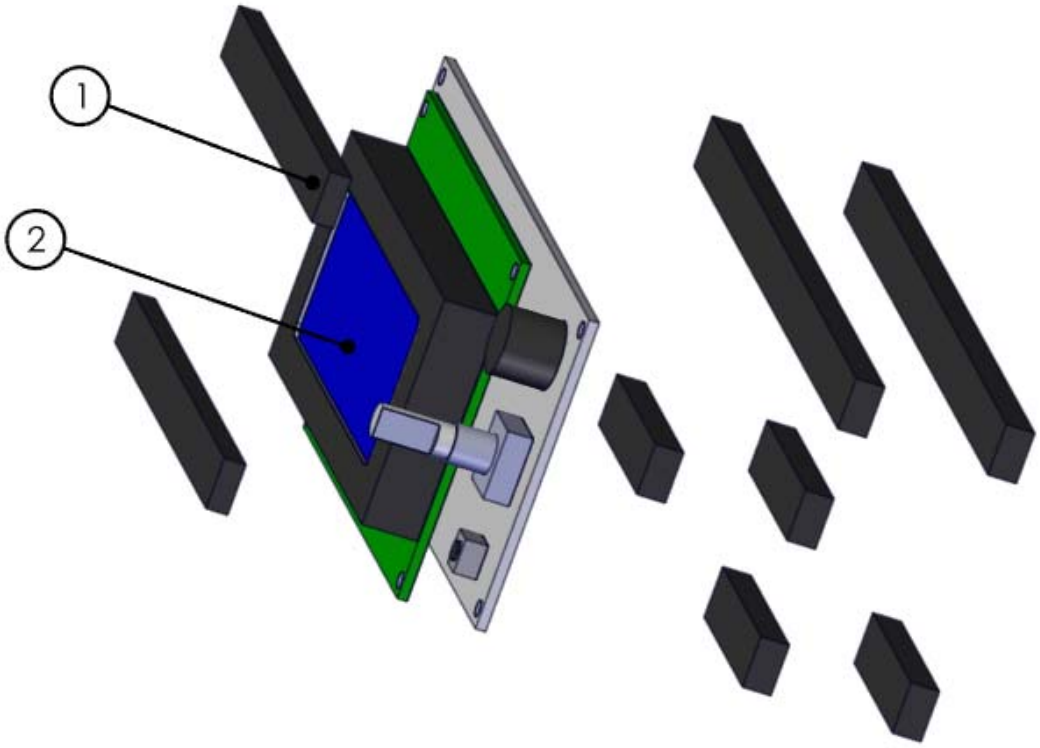


BOM ID	Description	Qty
1	LCD Base	1
2	Screen holder	2
3	DIN934 M5	2
4	DIN912 M5x10	2

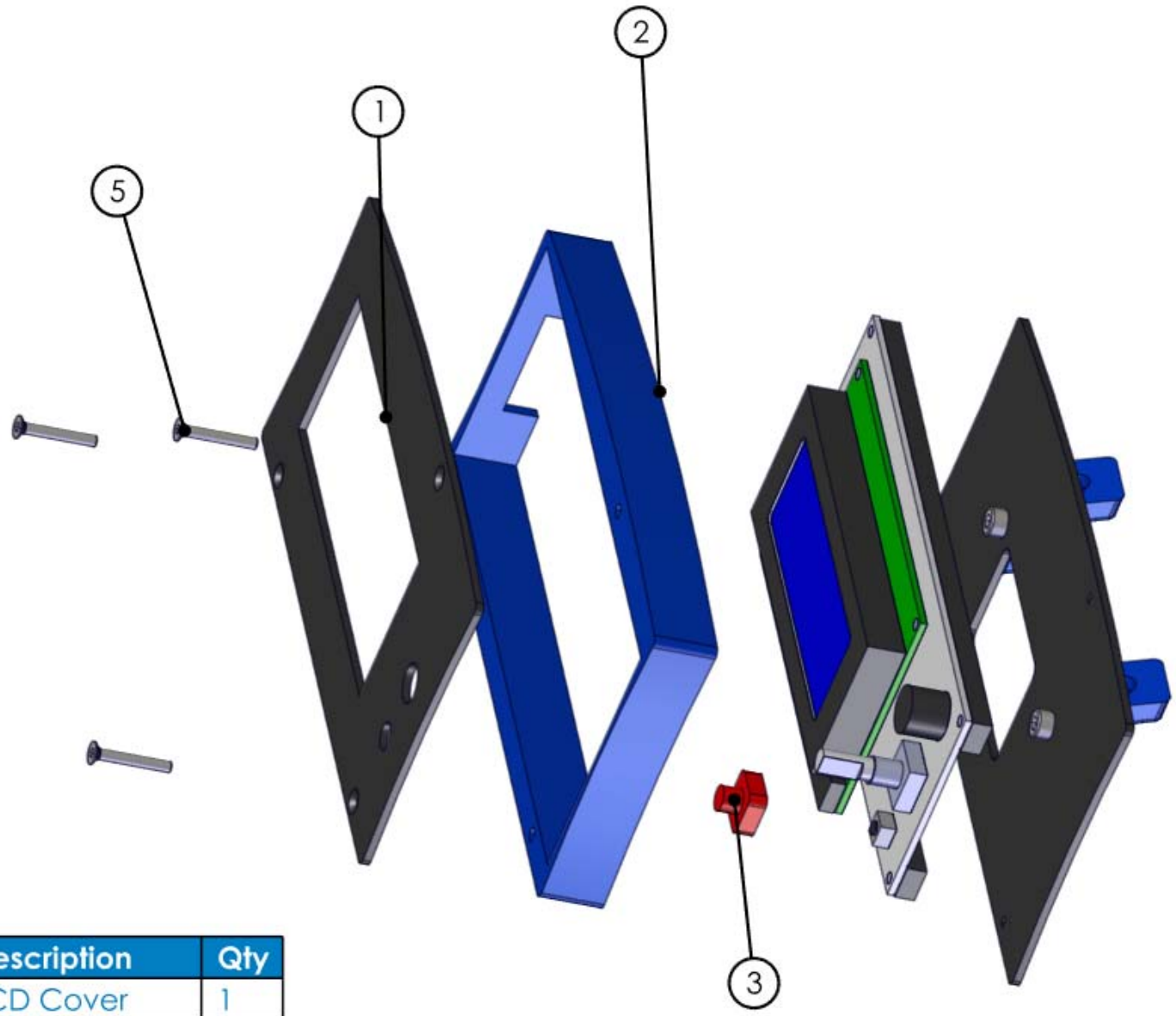
2





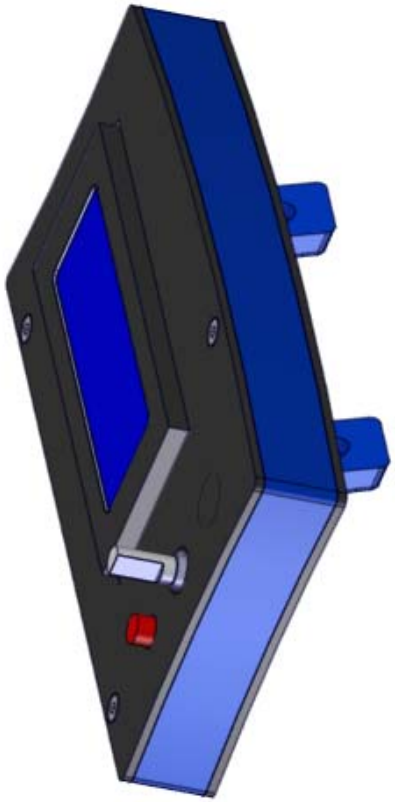
BOM ID	Description	Qty
1	Foam front	1
2	LCD	1

3



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

4



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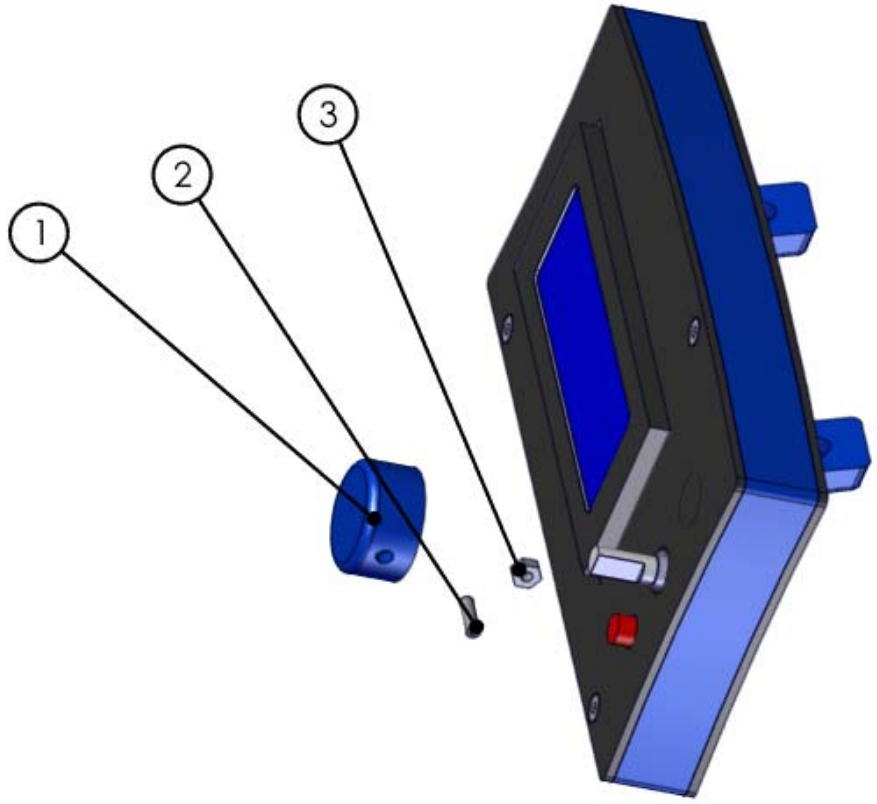
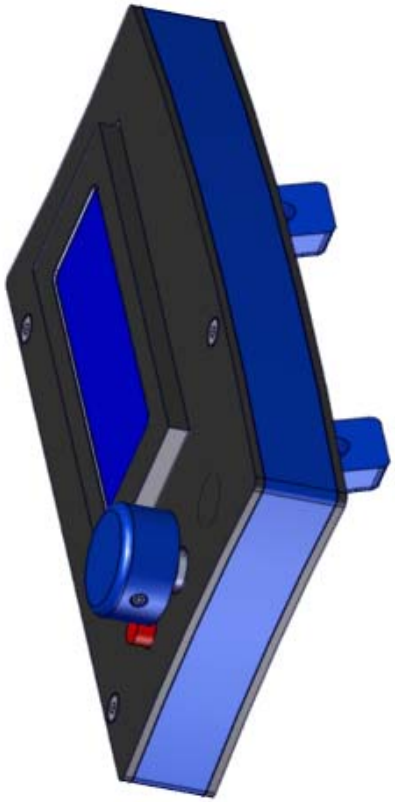


BOM ID	Description	Qty
1	Control Button	1
2	DIN913 M3x10	1
3	DIN934 M3	1

6



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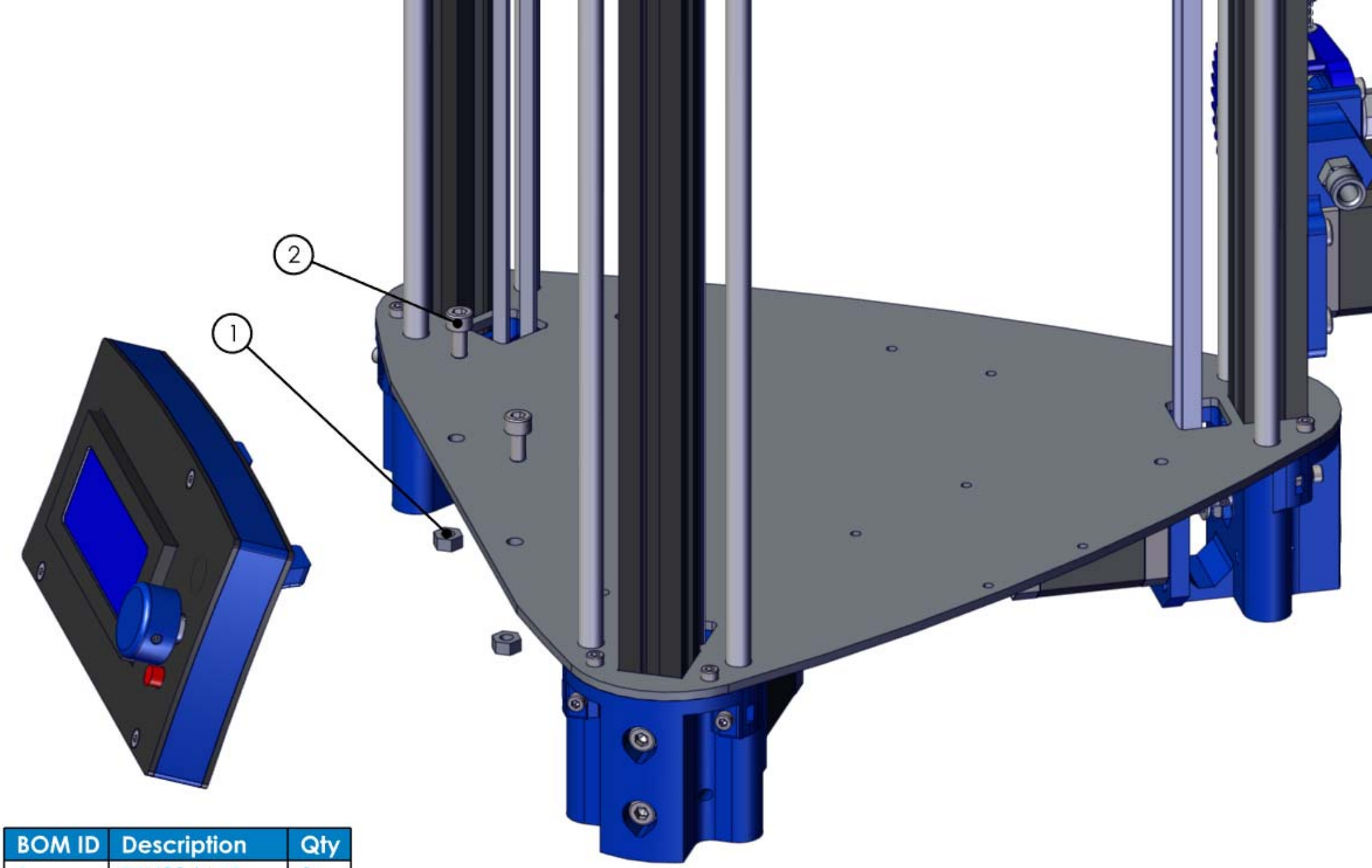
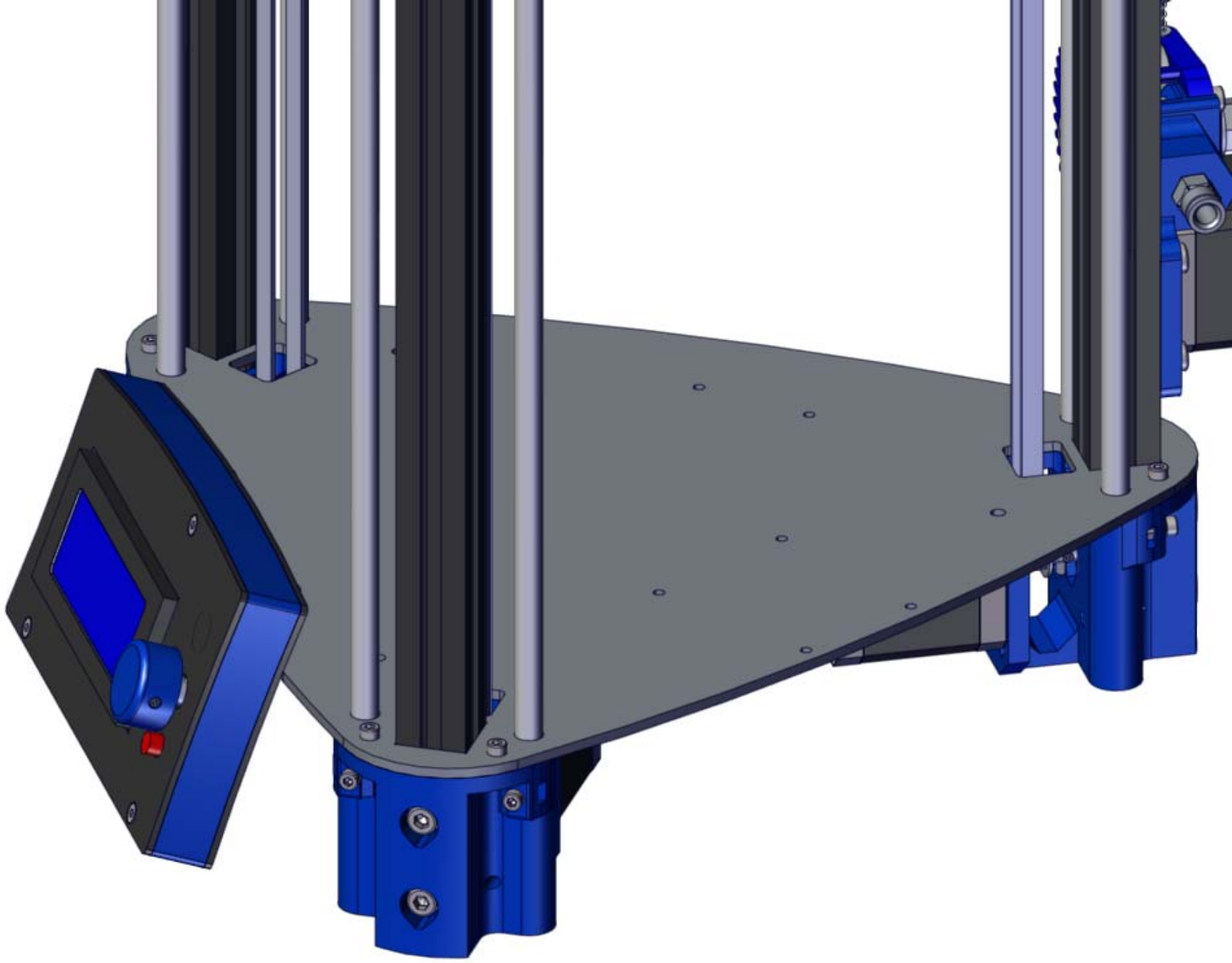


BOM ID	Description	Qty
1	DIN934 M5	2
2	DIN912 M5x10	2

8



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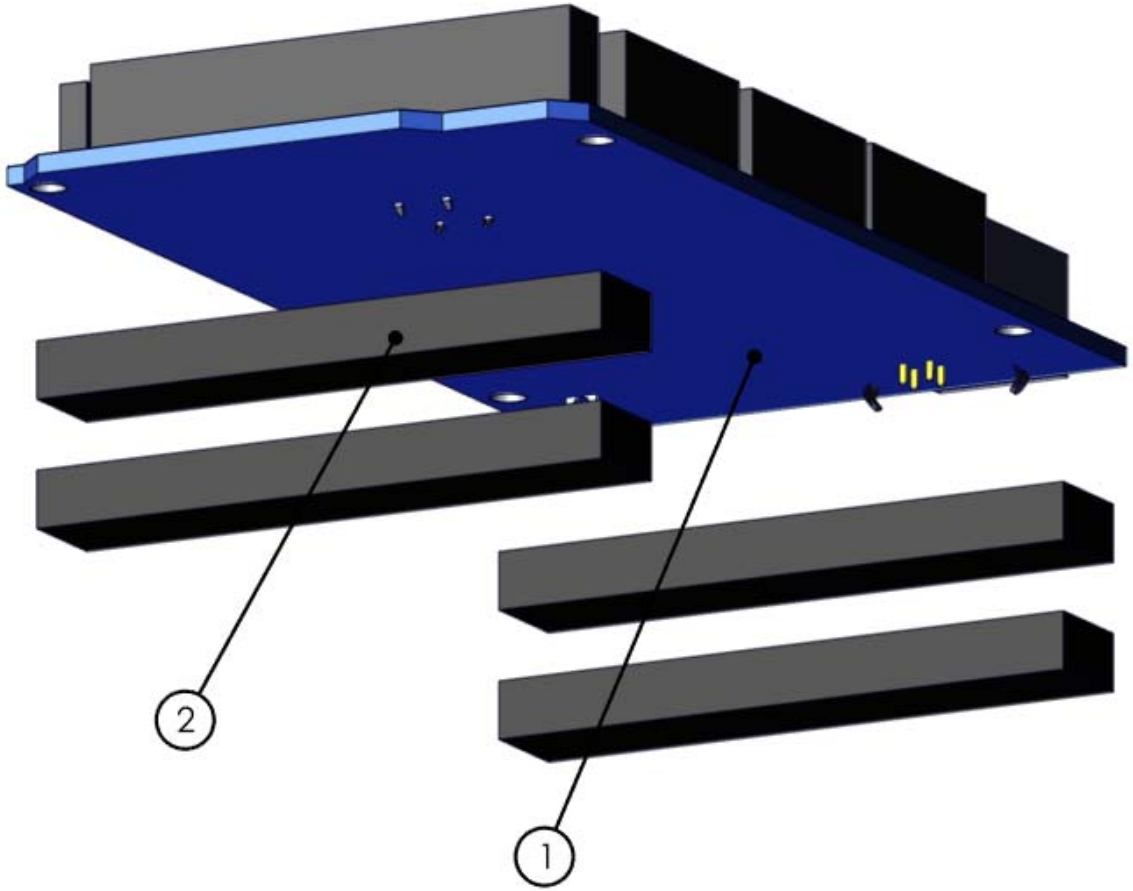
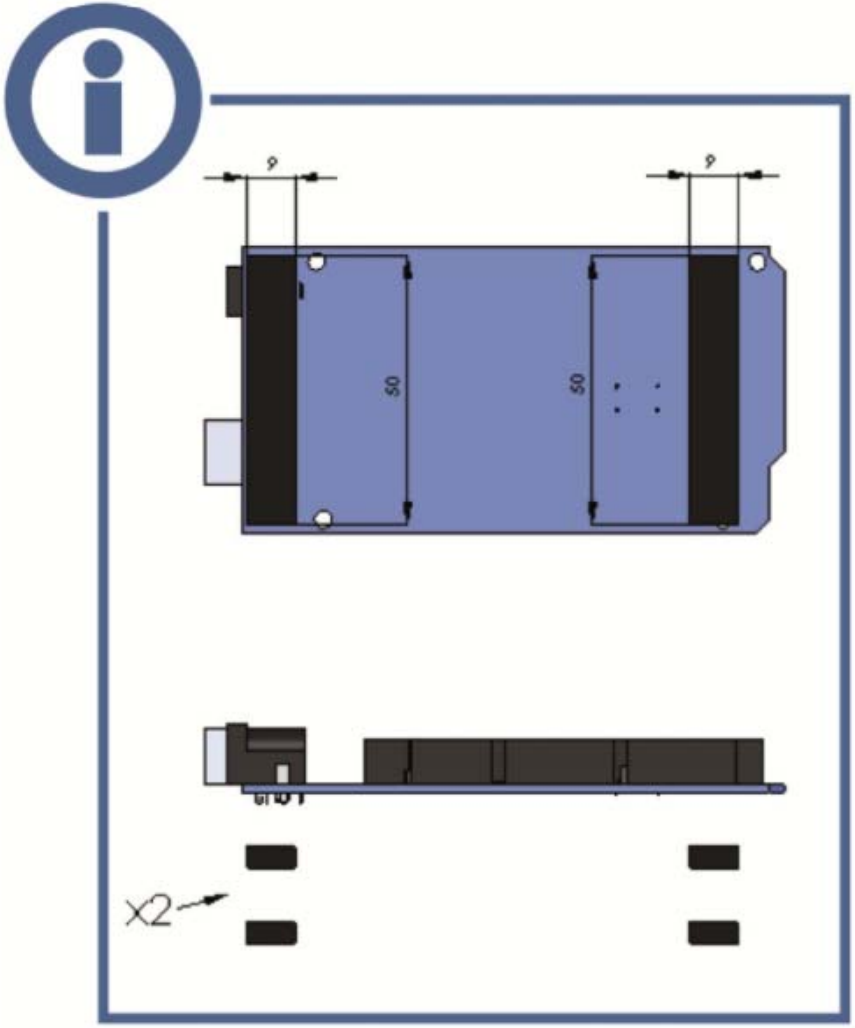
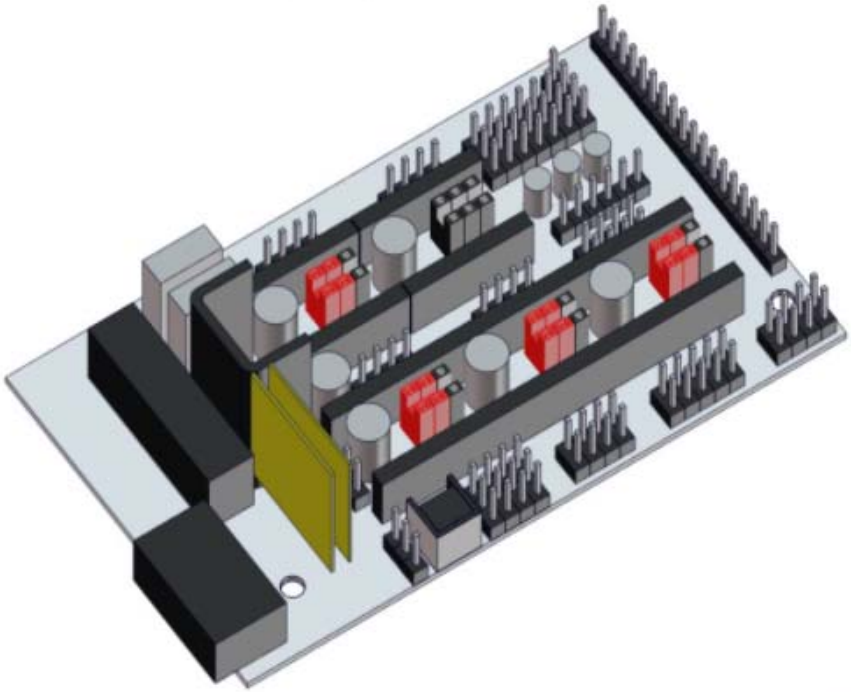


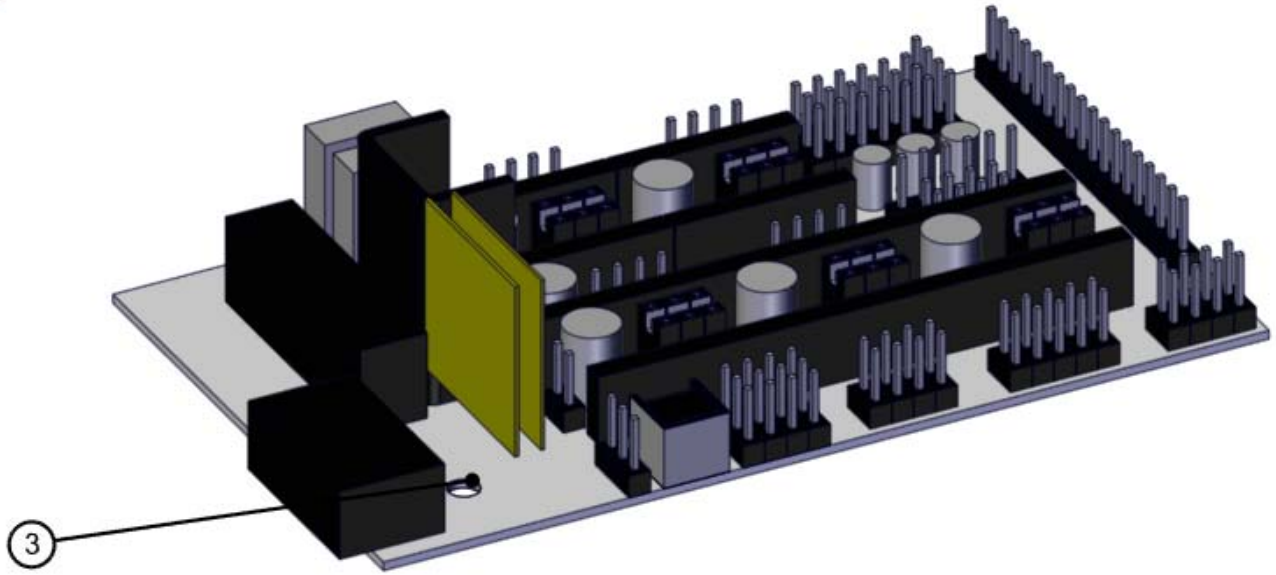


BOM ID	Description	Qty
1	Arduino Mega 2560	1
2	Electronics foam	1

10

Para adaptar la placa Ramps a los pololus lilas, se deberá desconectar 2 jumpers (los conectores rectangulares), los que se muestra en rojo en la figura.

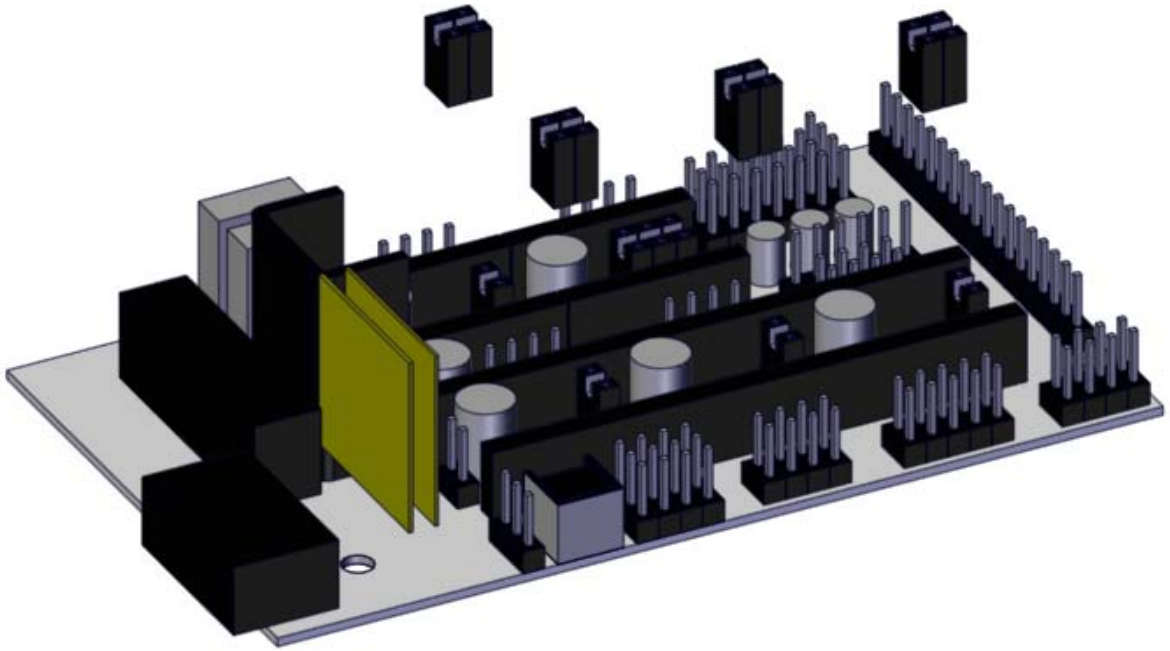




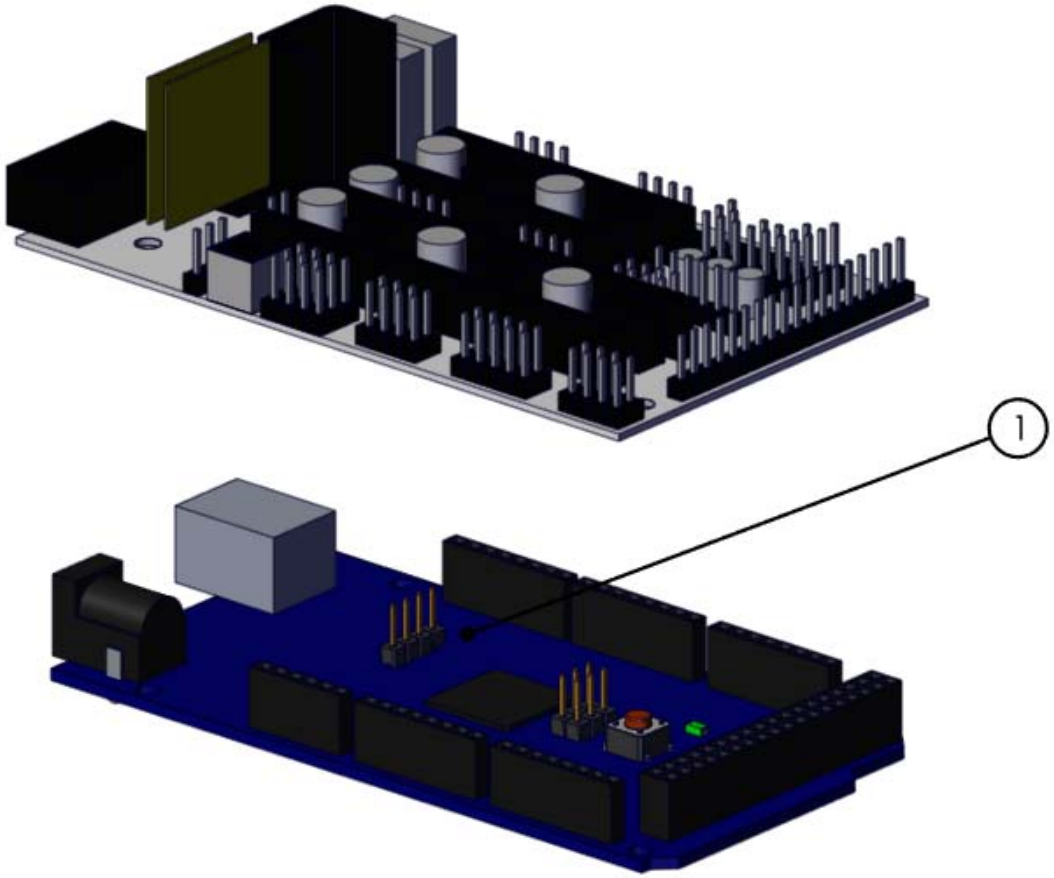
BOM ID	Description	Qty
3	Ramps 4.1	1

11

Guardar los jumpers para futuras mejoras.

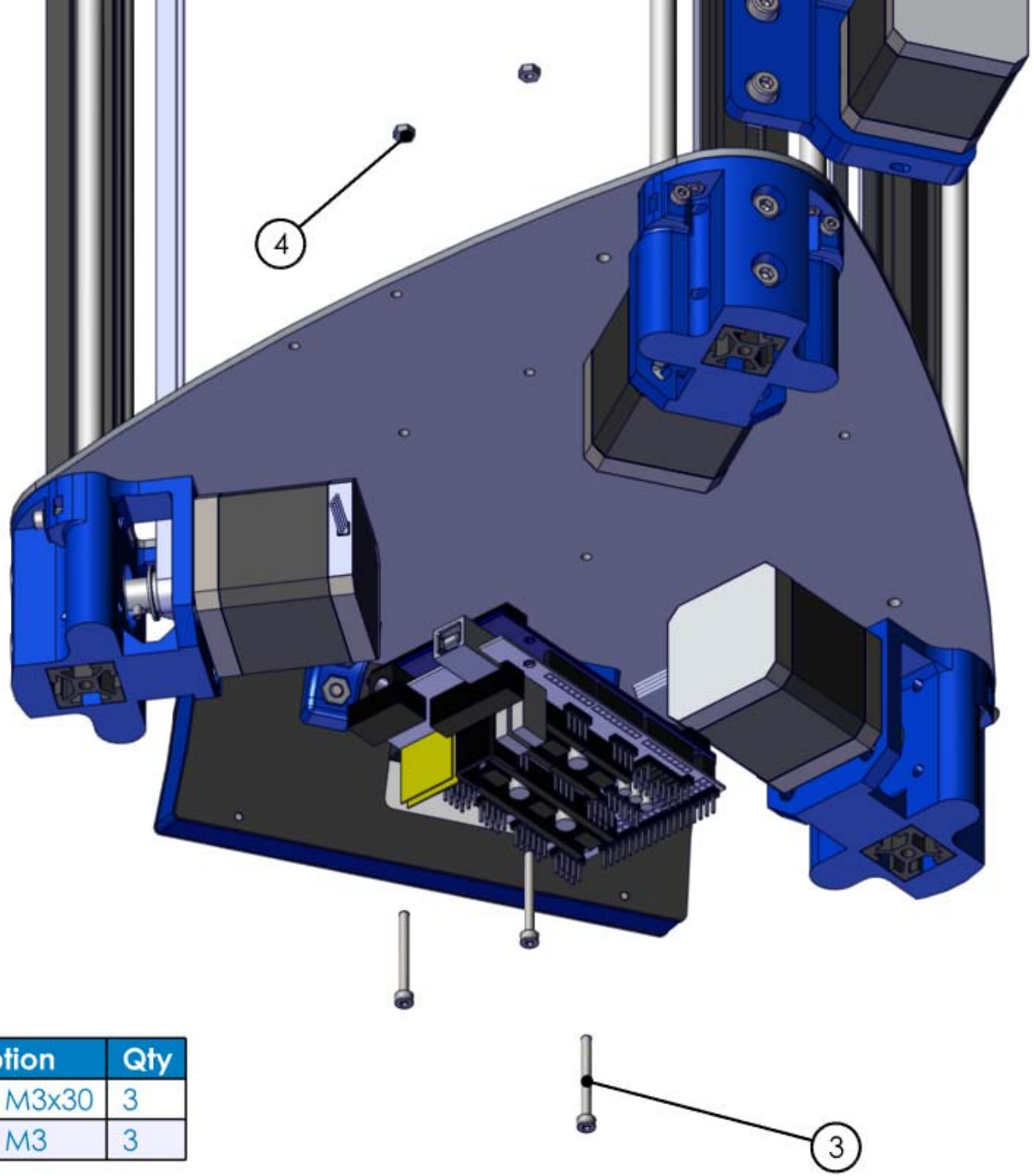


12



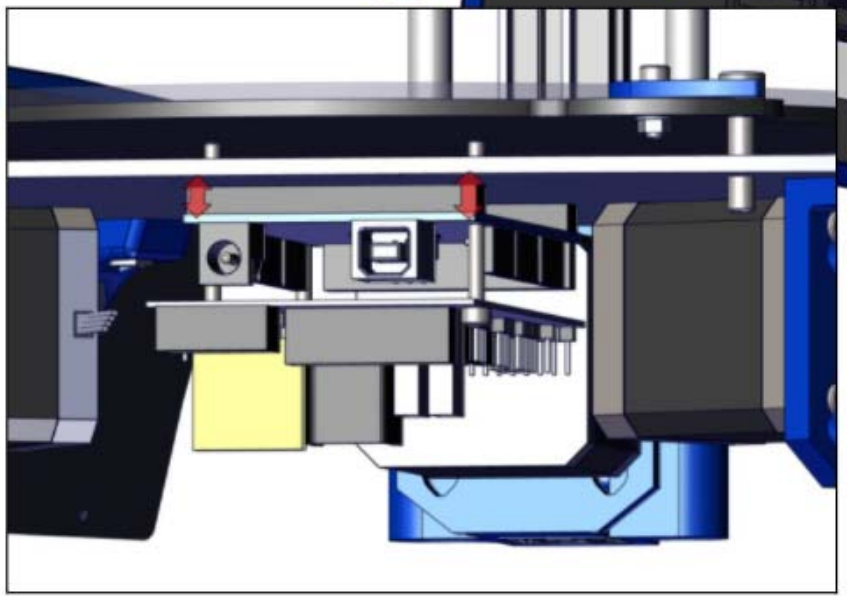
BOM ID	Description	Qty
1	Arduino Mega 2560	1

13



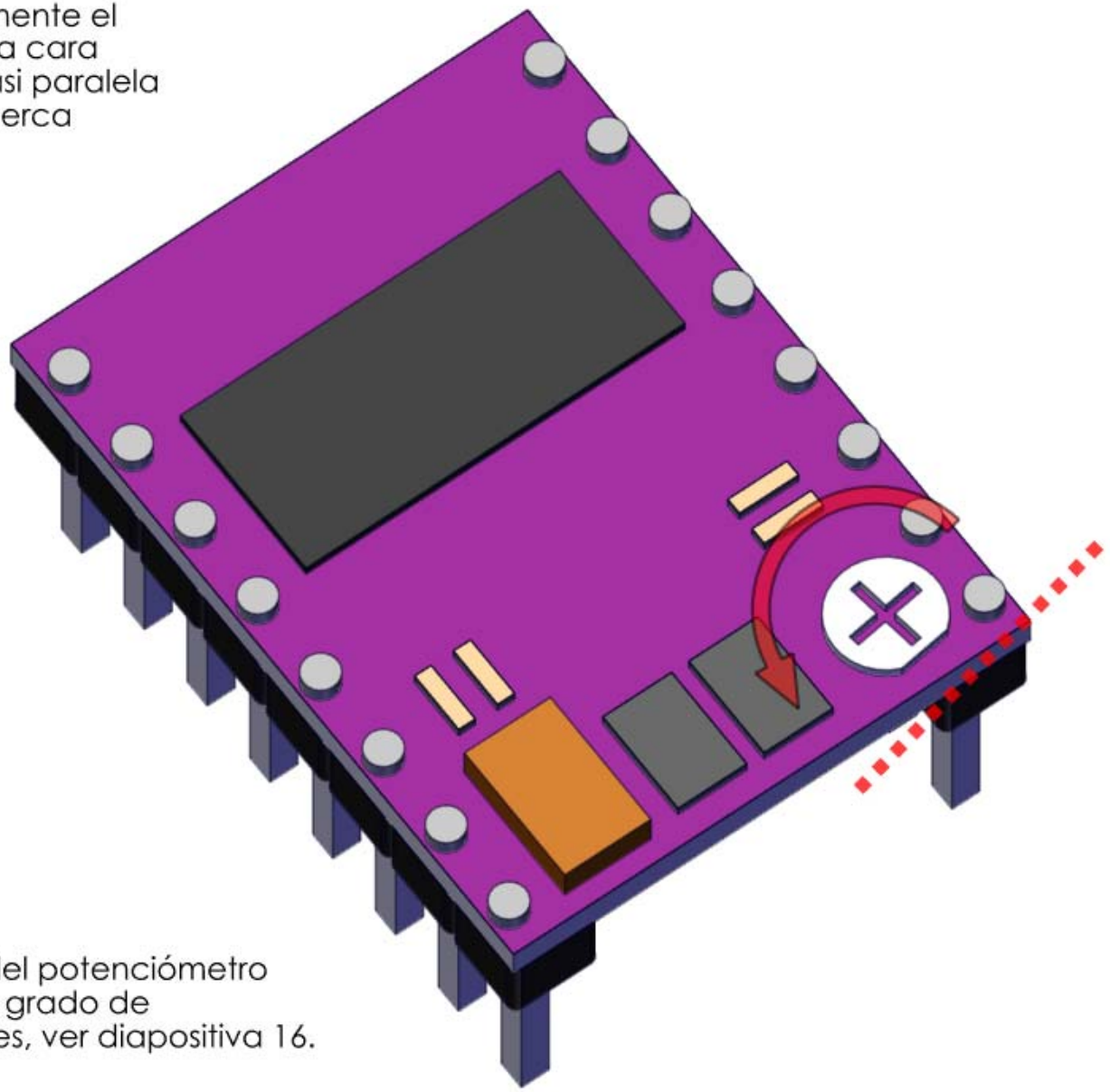
BOM ID	Description	Qty
3	DIN912 M3x30	3
4	DIN934 M3	3

14

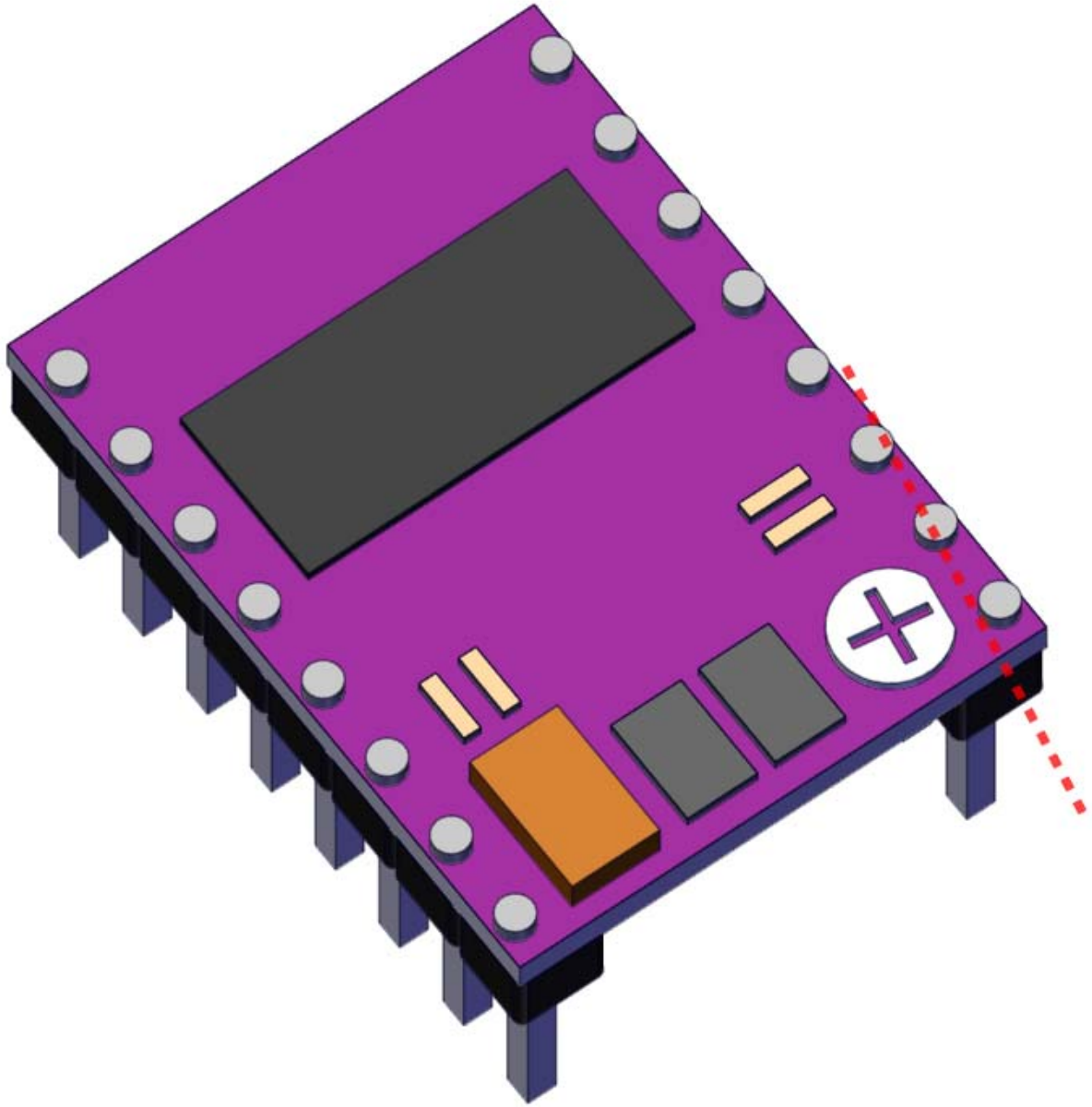


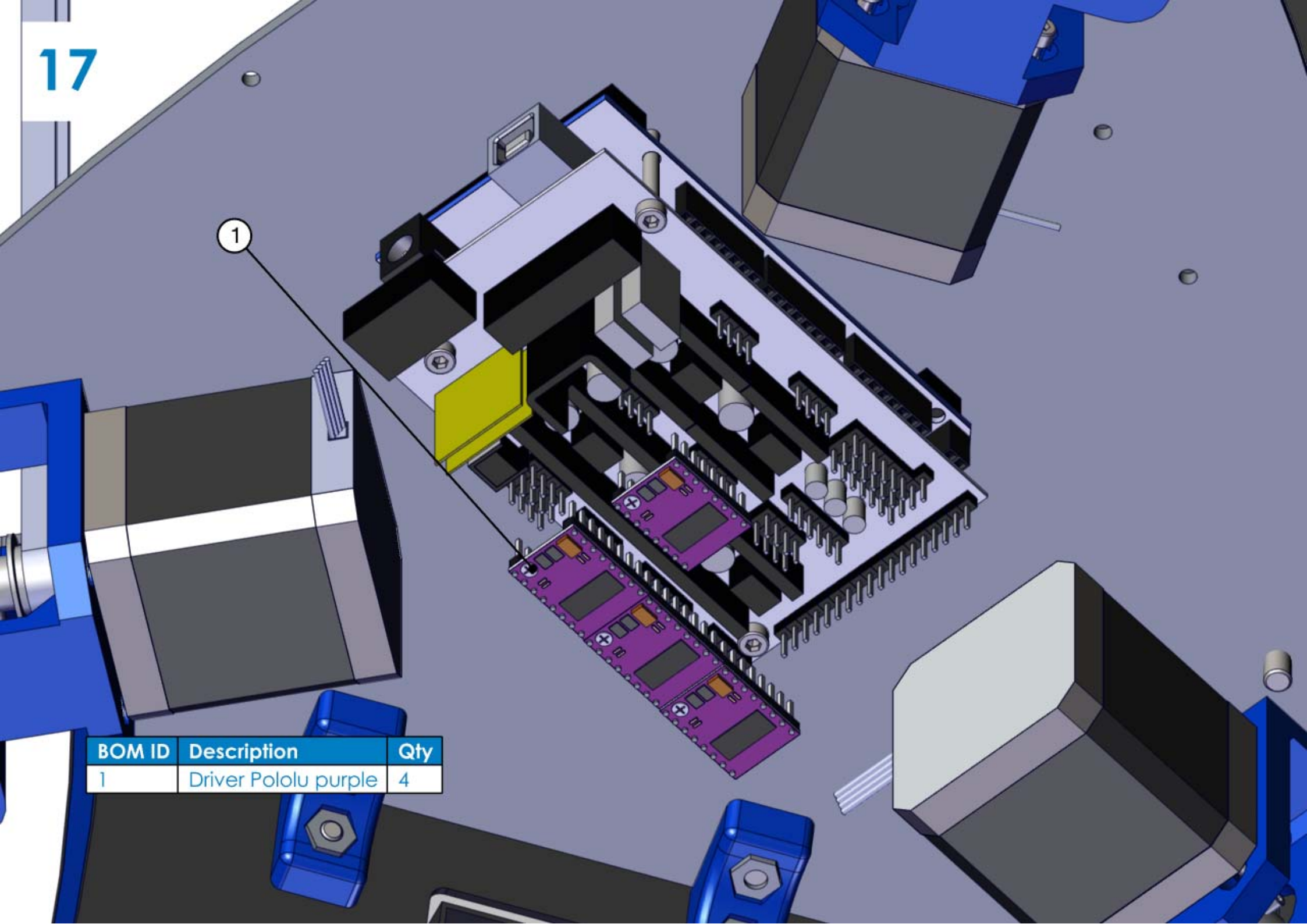
15

Utilizando el destornillador estrella subministrado, girar suavemente el potenciómetro hasta que la cara plana del tornillo quede casi paralela a los pines que tiene más cerca

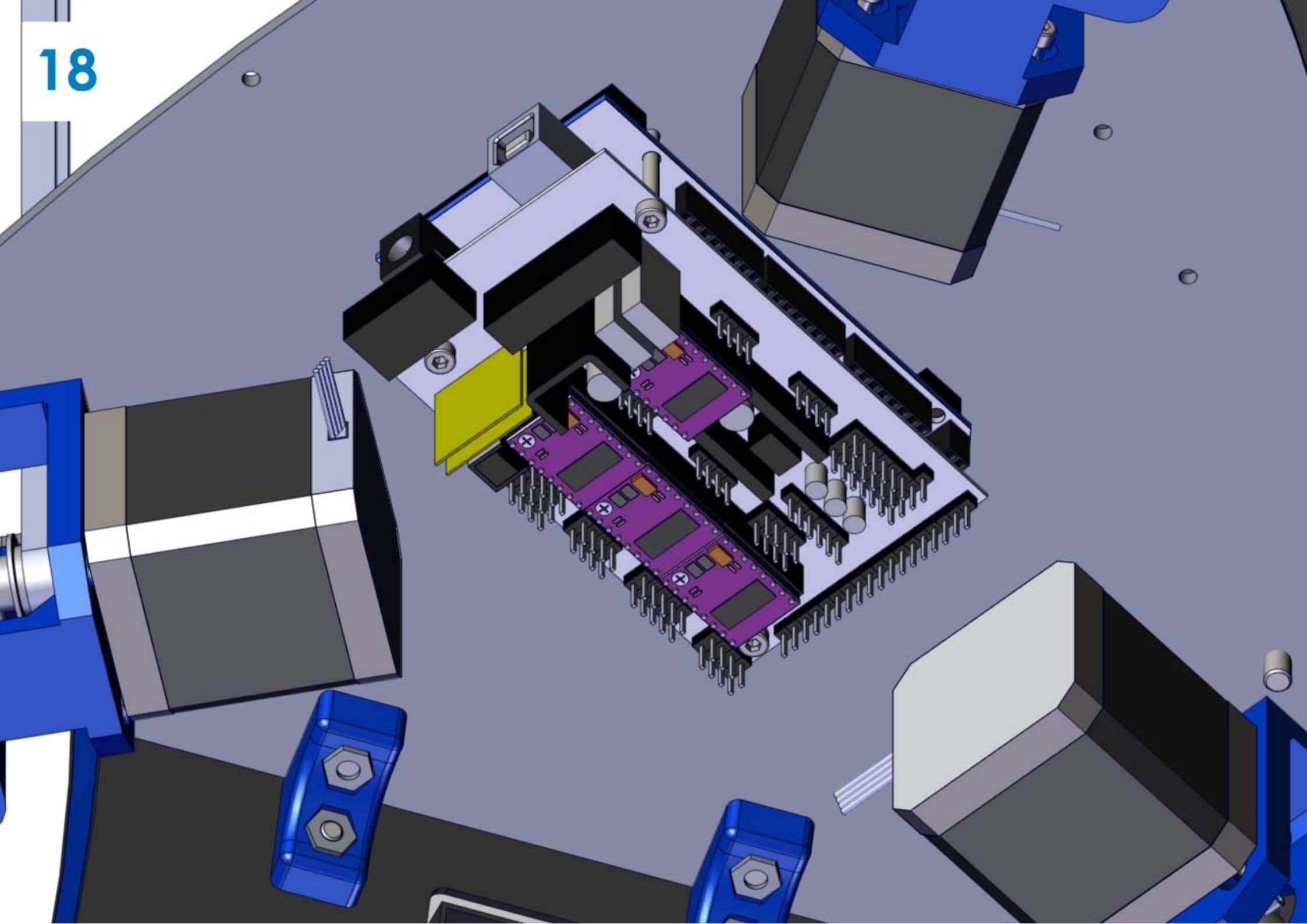


Nótese que la cara plana del potenciómetro debe quedar con un cierto grado de inclinación respecto los pines, ver diapositiva 16.





BOM ID	Description	Qty
1	Driver Pololu purple	4



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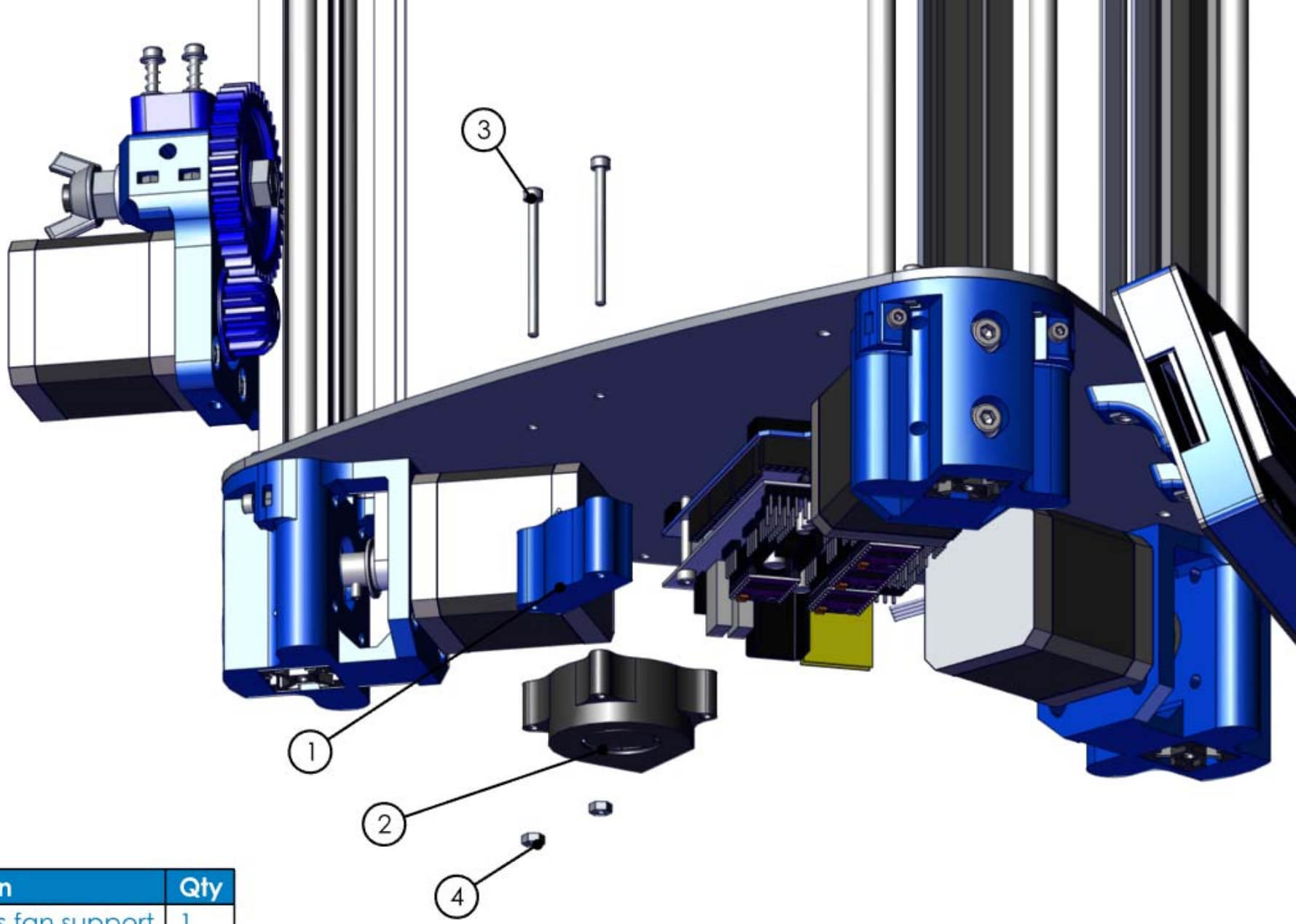
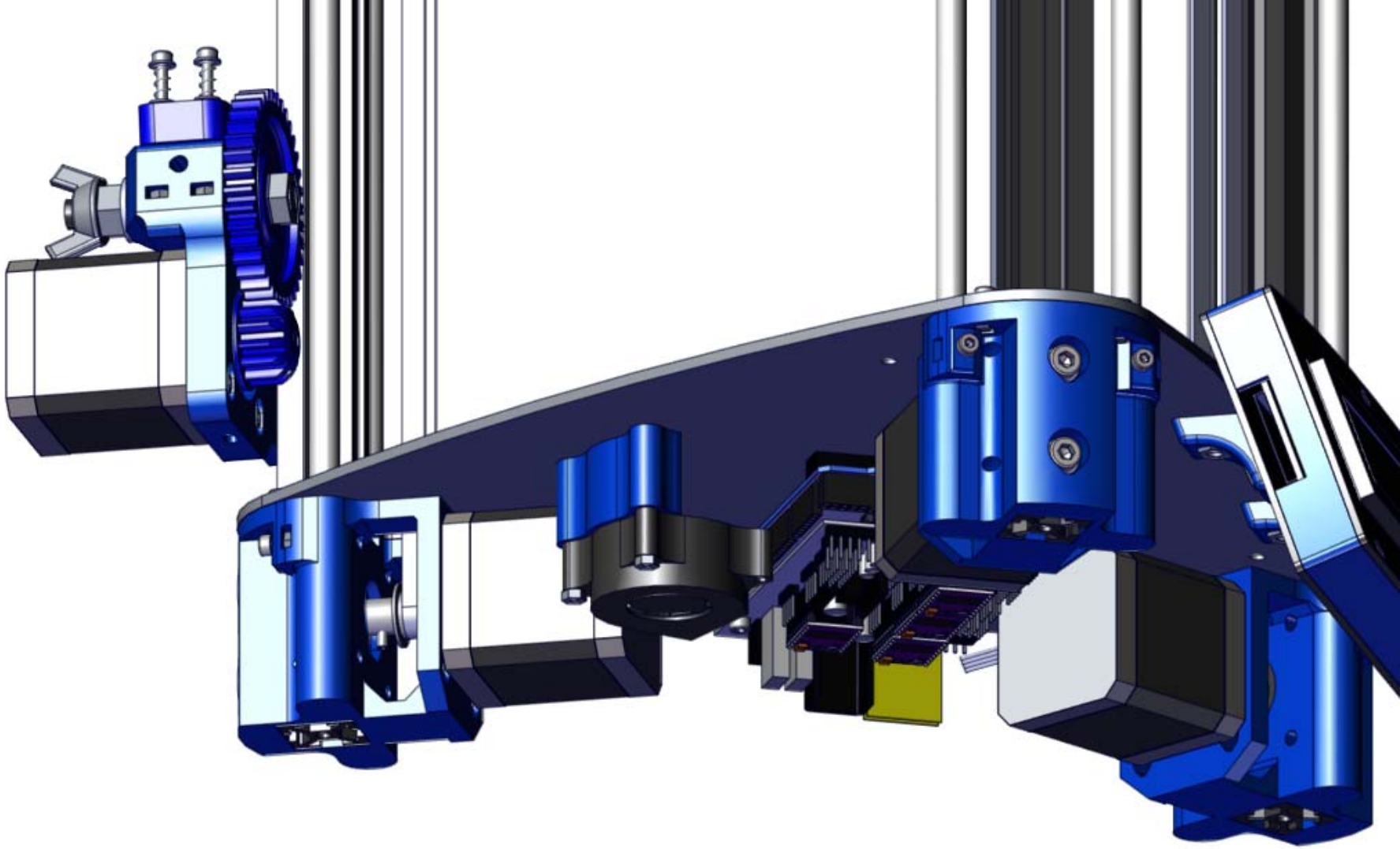


BOM ID	Description	Qty
1	Electronics fan support	1
2	Blower Fan 4020S 12V	1
3	DIN912 M3x40	2
4	DIN934 M3	2



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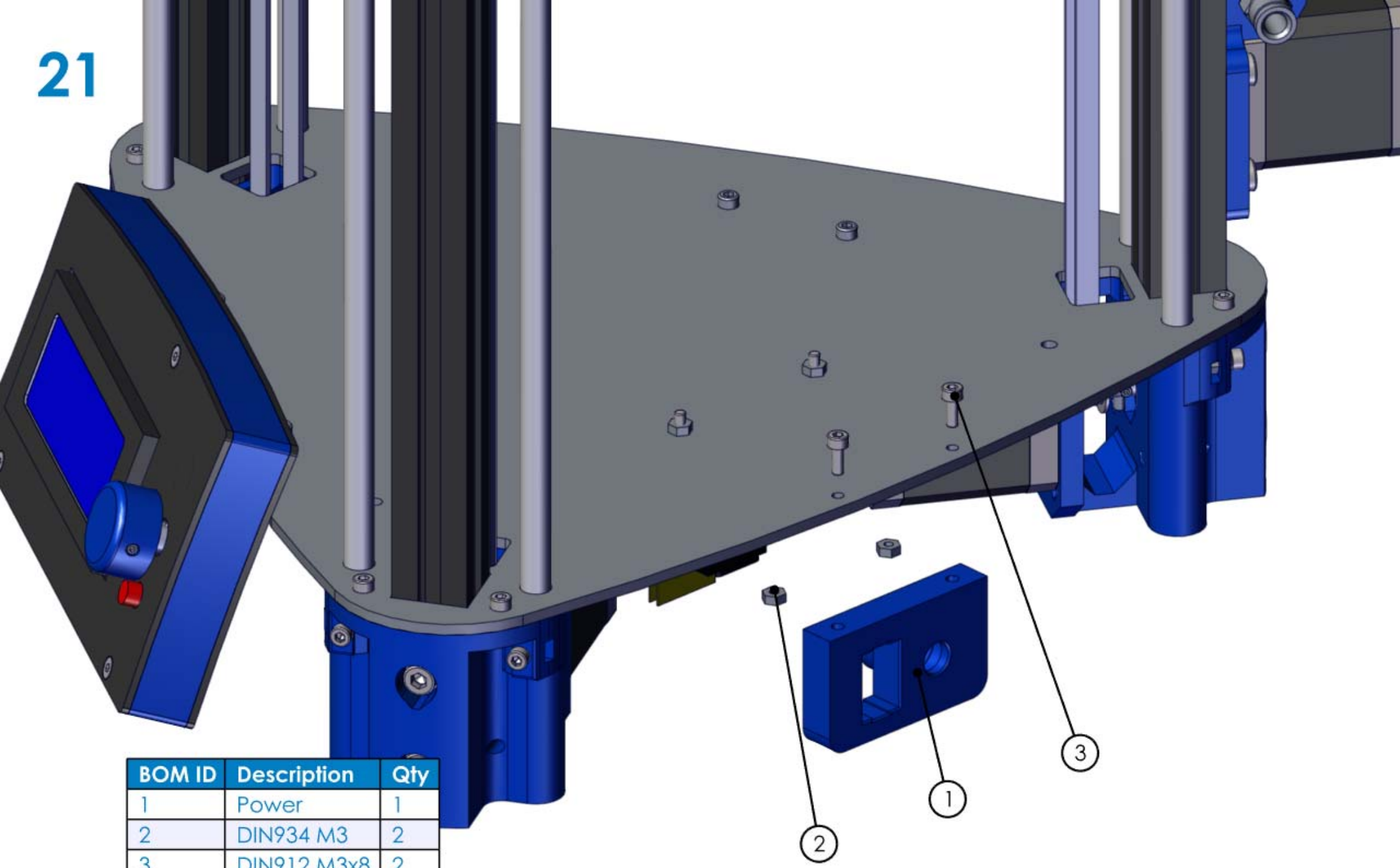
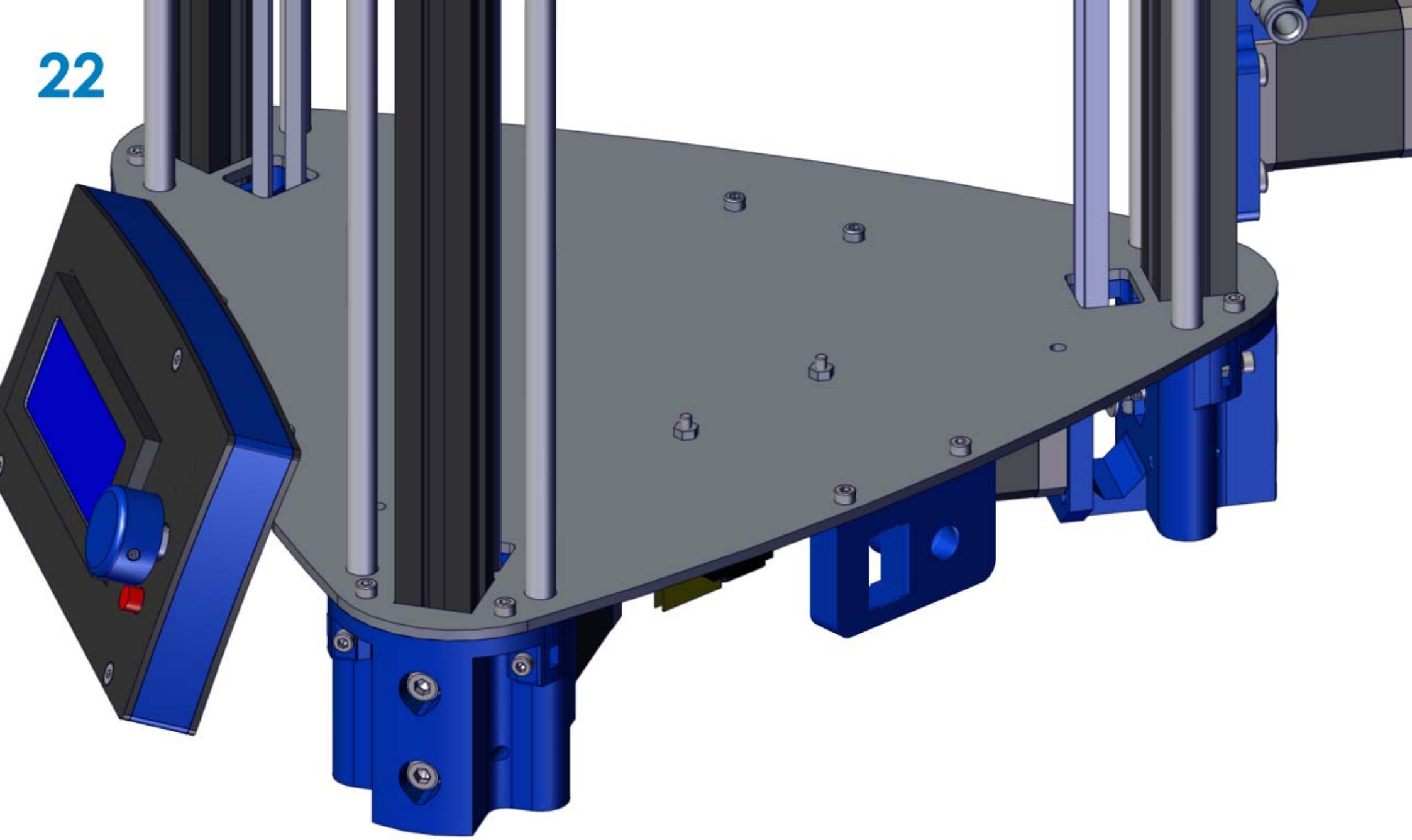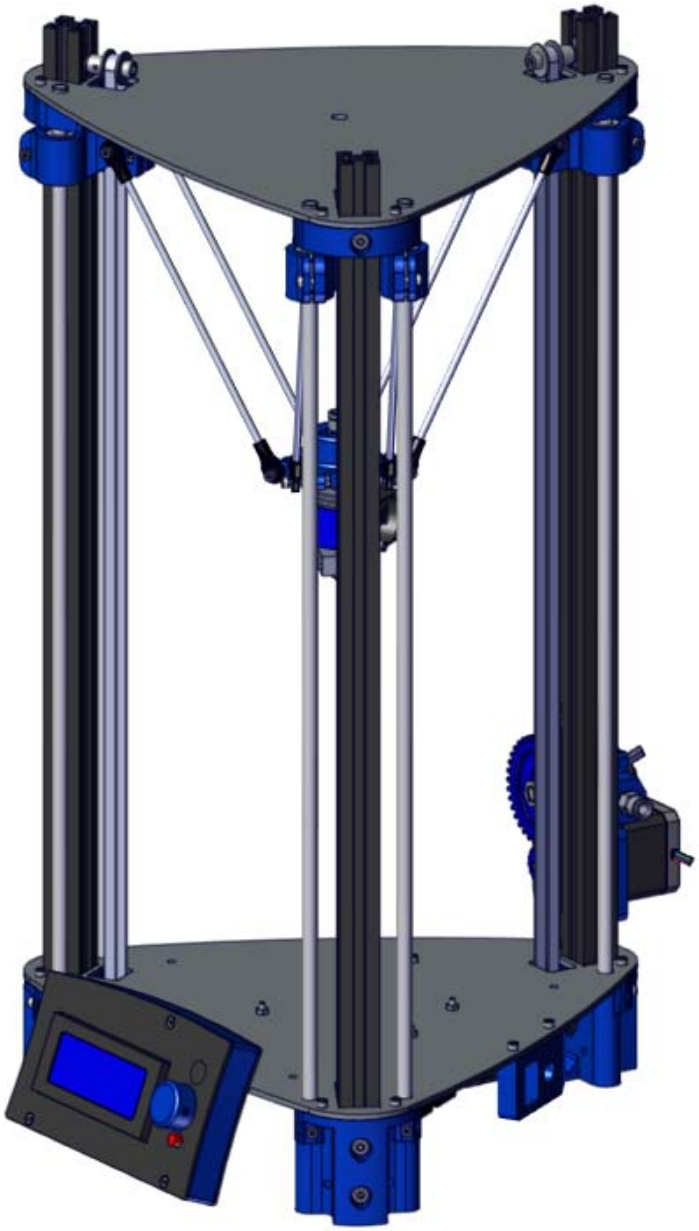
BOM ID	Description	Qty
1	Power	1
2	DIN934 M3	2
3	DIN912 M3x8	2