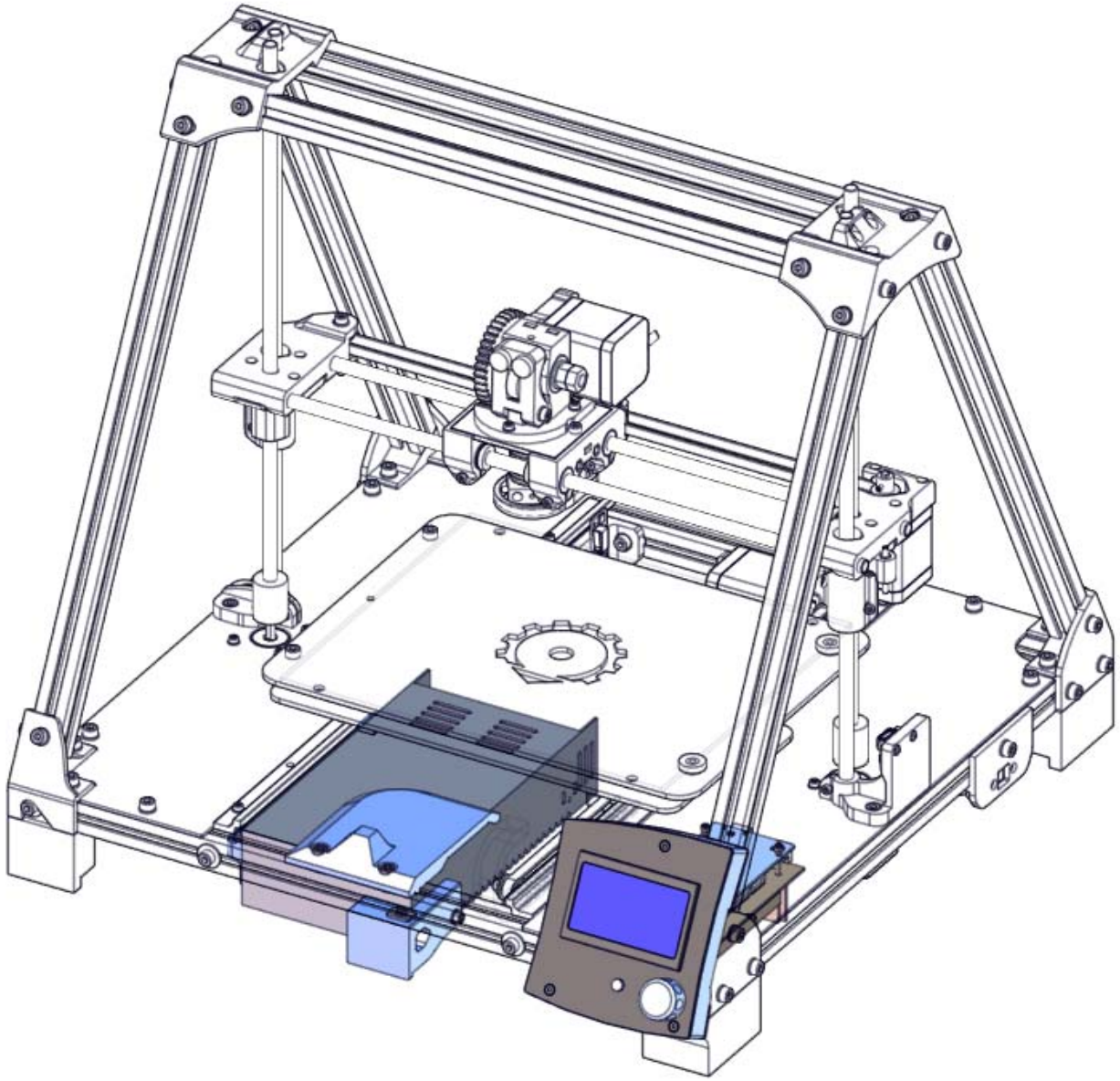
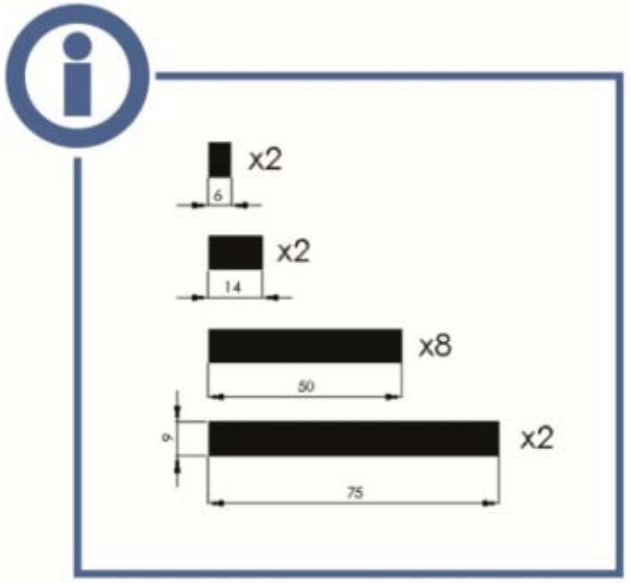
5 BCN3D+ ASSEMBLY GUIDE
LCD SCREEN & ELECTRONICS

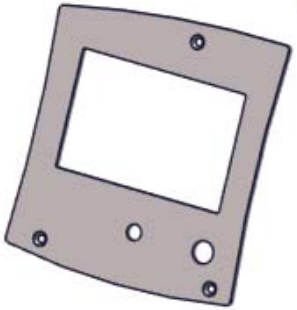


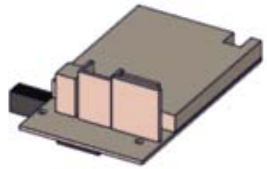
5 BCN3D+ ASSEMBLY GUIDE
LCD SCREEN & ELECTRONICS

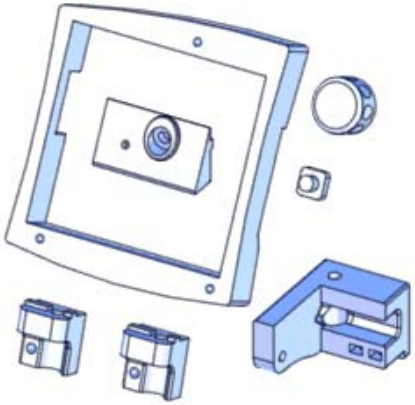


FOAM

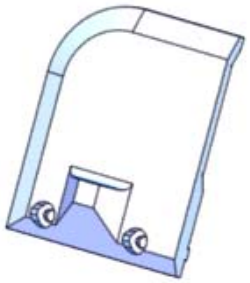
BOX 5

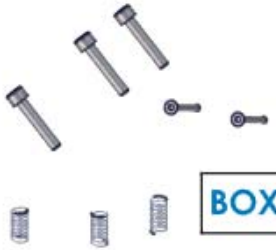






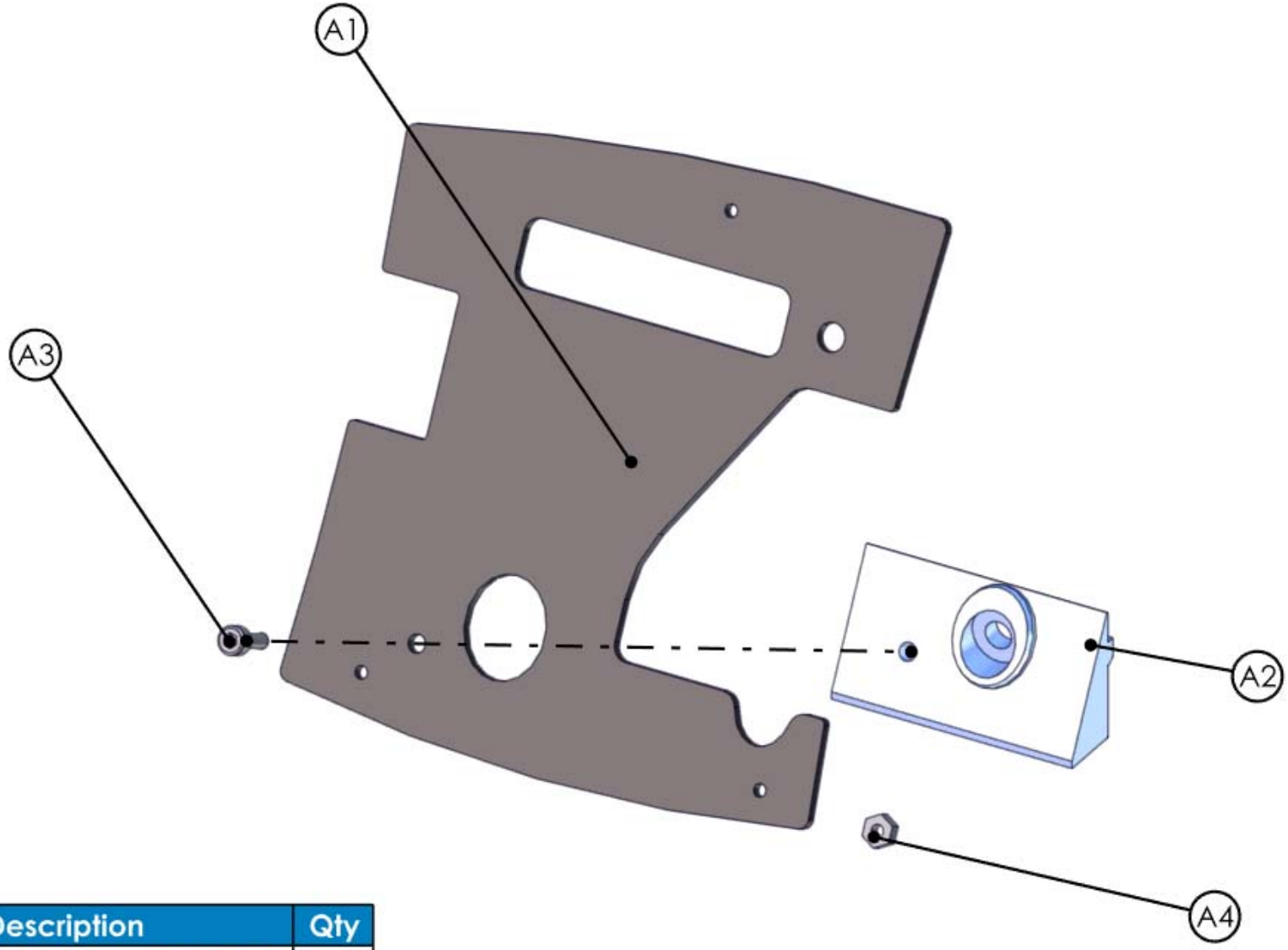
BOX 2.5





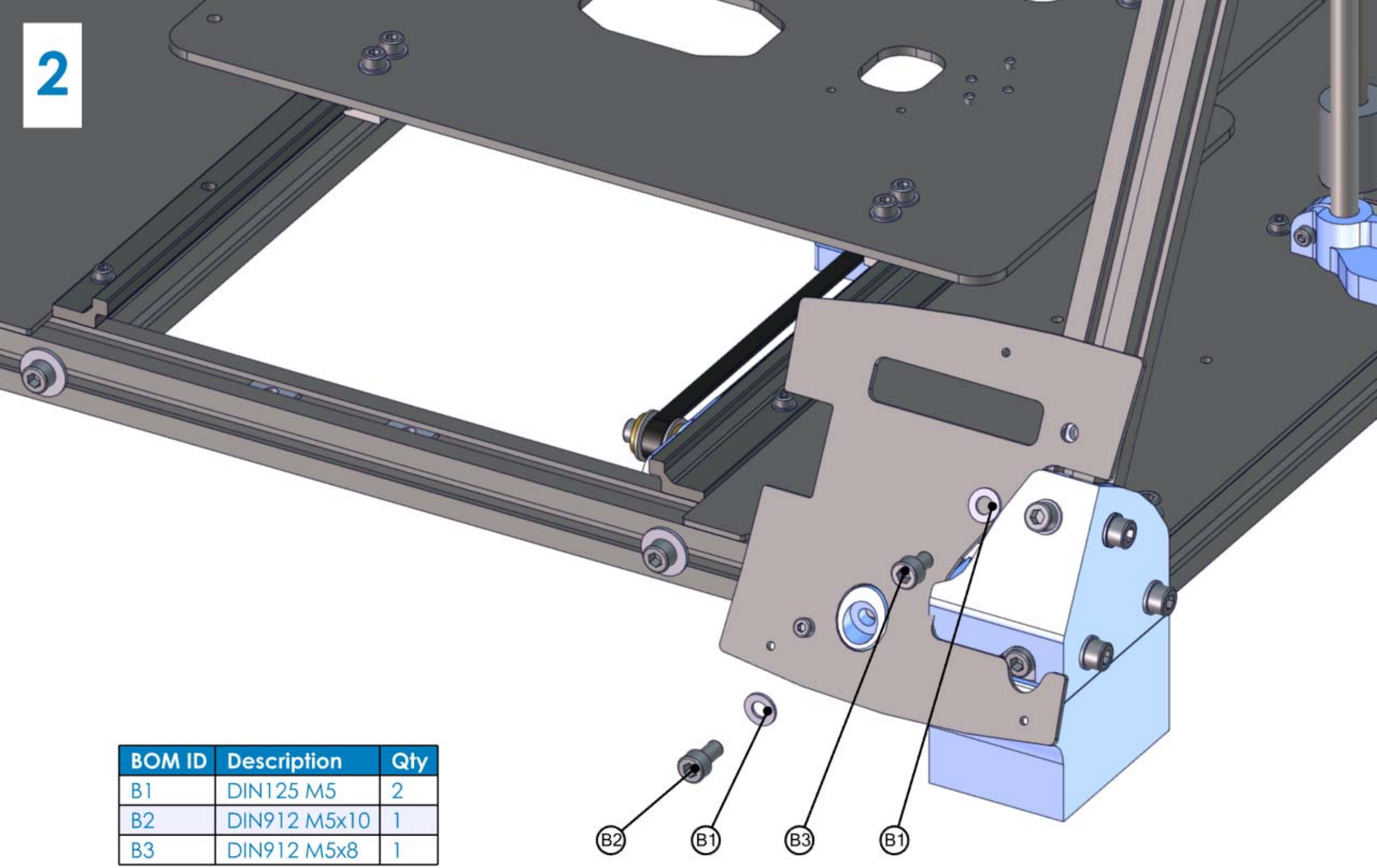
BOX 9

1

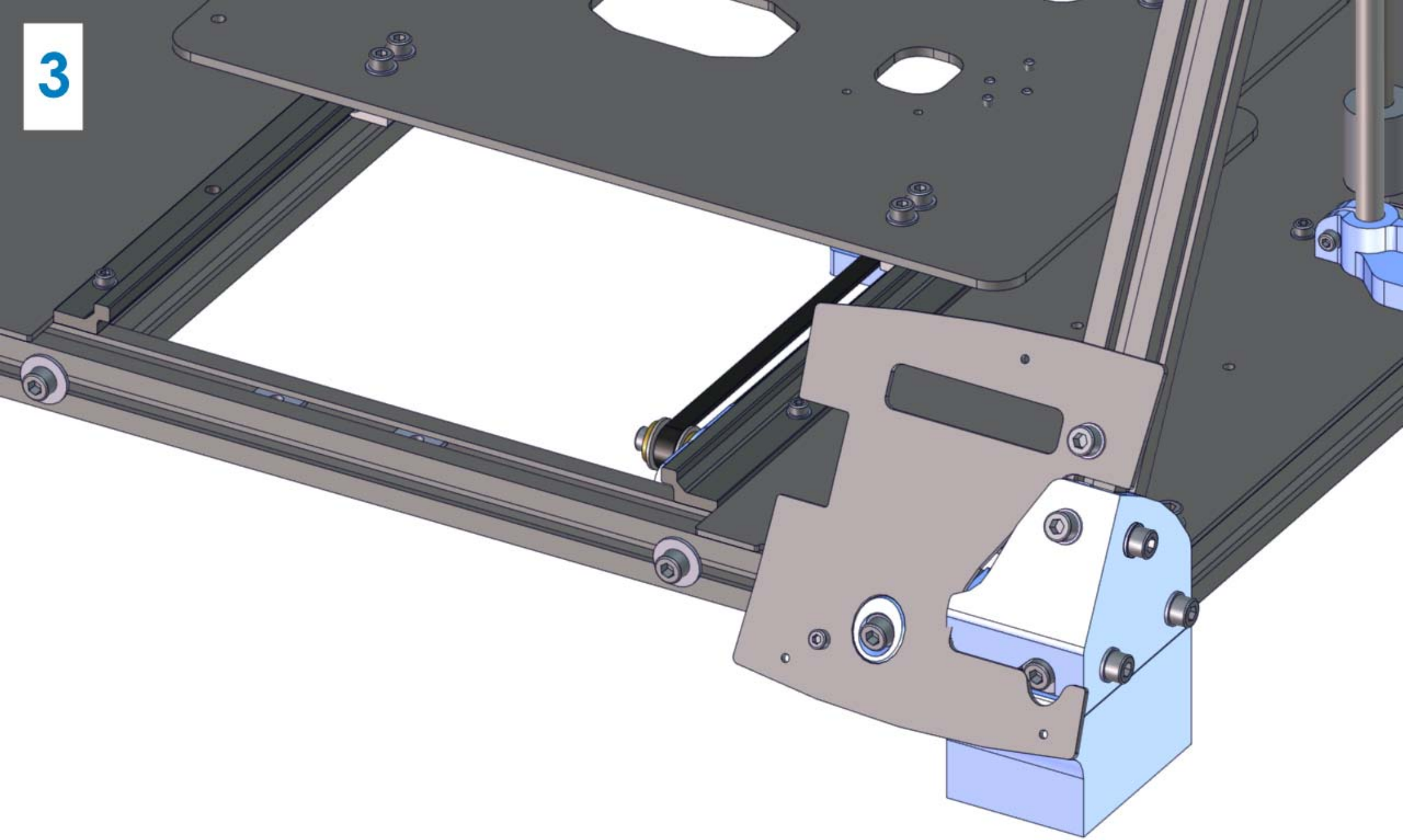


BOM ID	Description	Qty
A1	LCD Aluminium base	1
A2	LCD support spacer	1
A3	DIN912 M3x10	1
A4	DIN934 M3	1

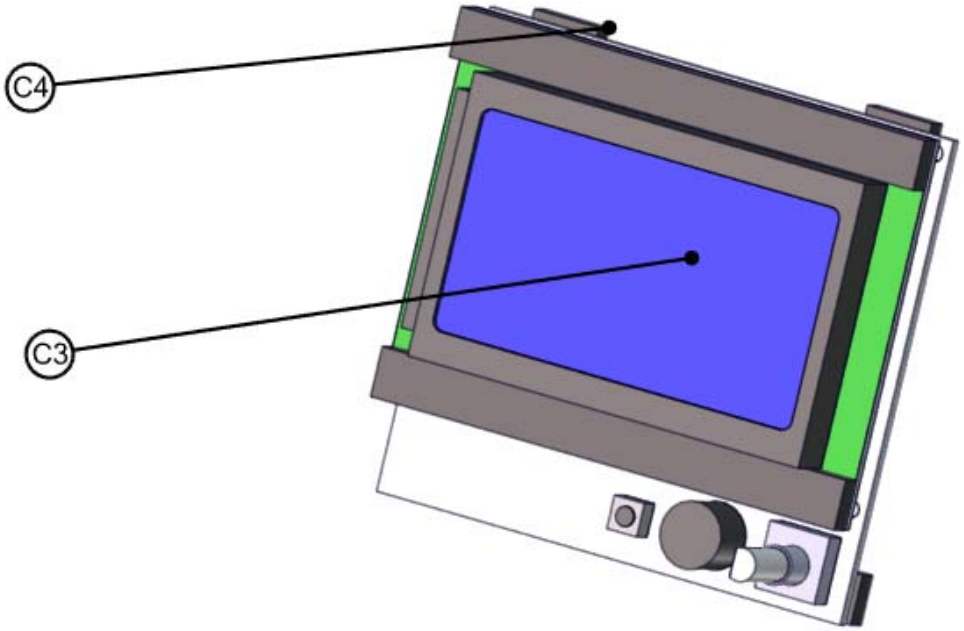
2



BOM ID	Description	Qty
B1	DIN125 M5	2
B2	DIN912 M5x10	1
B3	DIN912 M5x8	1

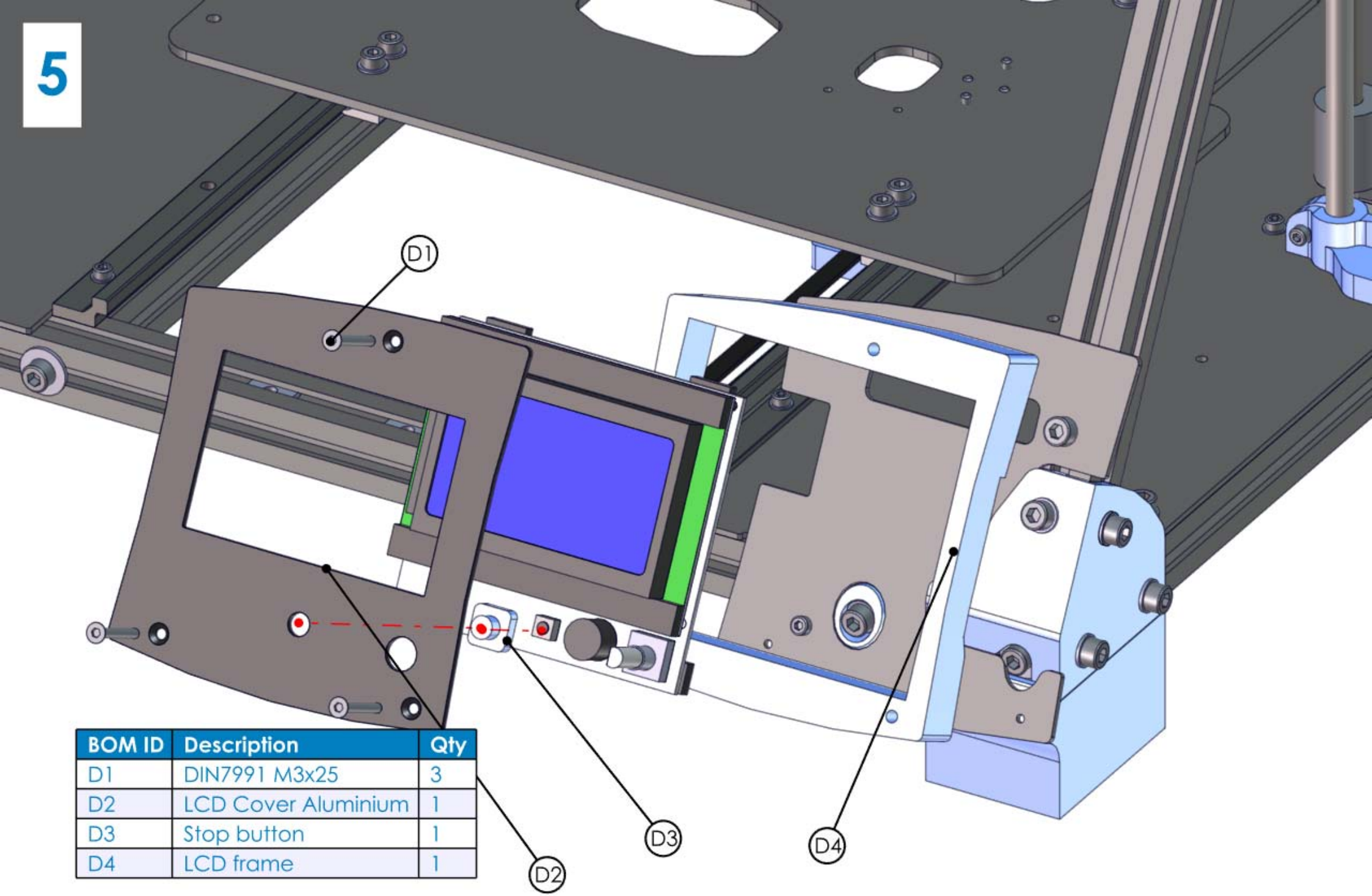

3

4



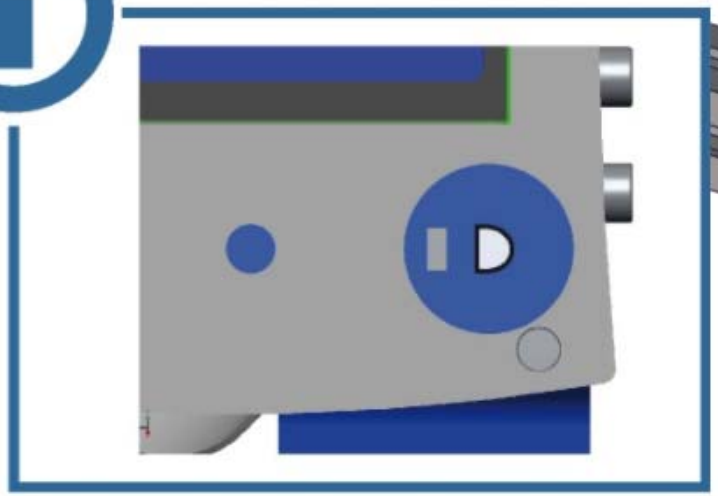
BOM ID	Description	Qty
C3	LCD Full graphic smart controller	1
C4	Foam strip	1

5



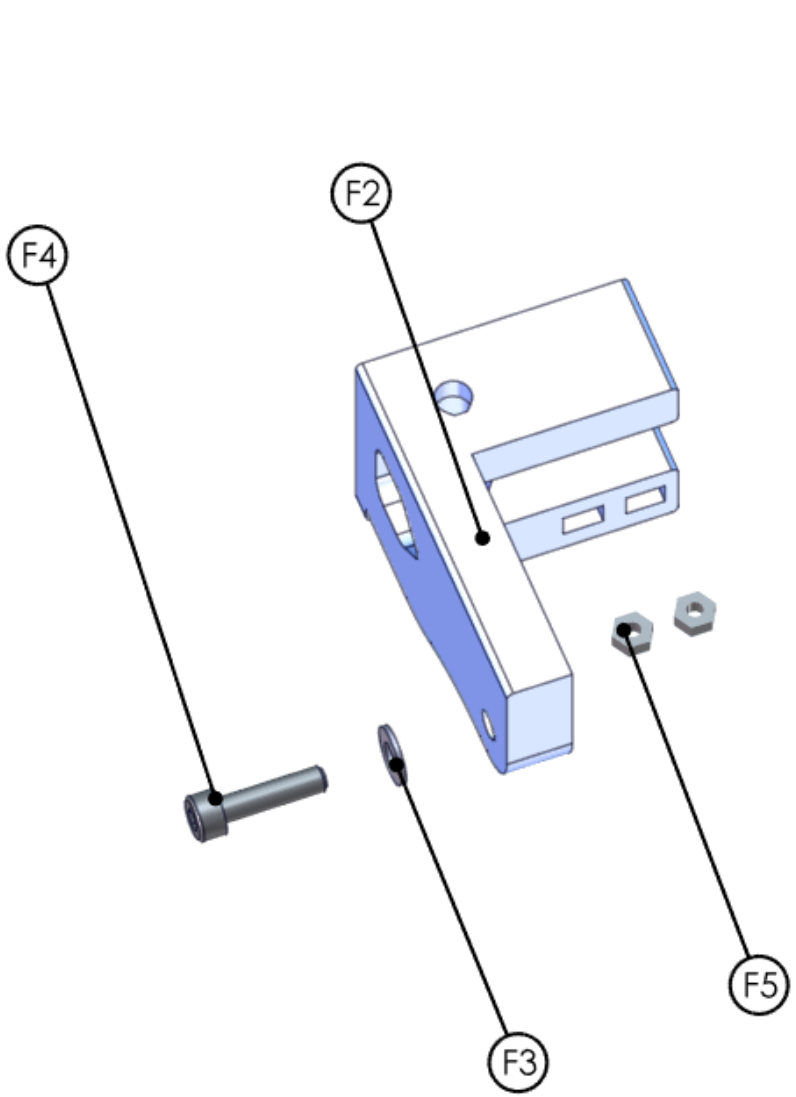
BOM ID	Description	Qty
D1	DIN7991 M3x25	3
D2	LCD Cover Aluminium	1
D3	Stop button	1
D4	LCD frame	1

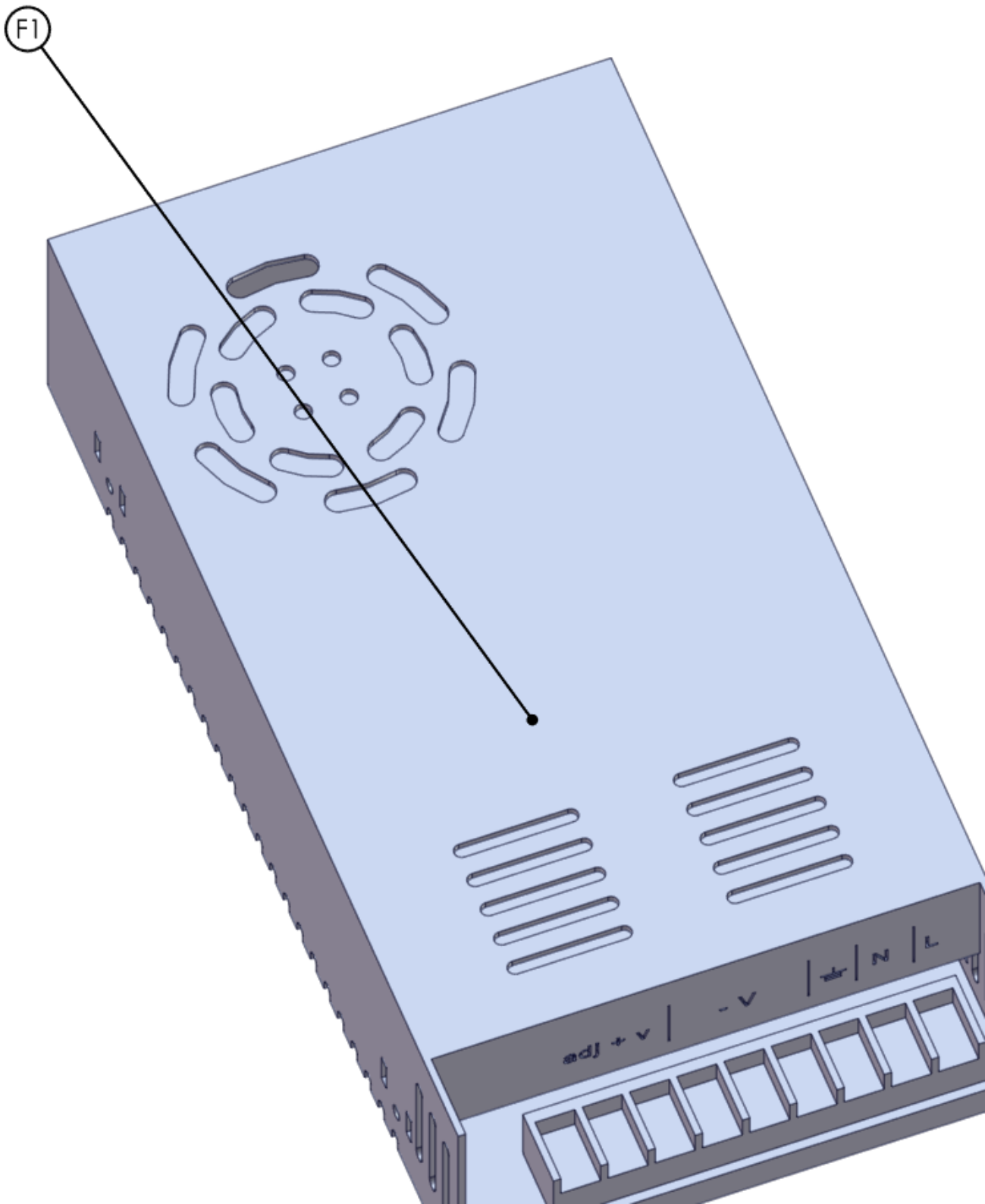
6



BOM ID	Description	Qty
E1	DIN913 M3x10	1
E2	Control button	1
E3	DIN934 M3	1

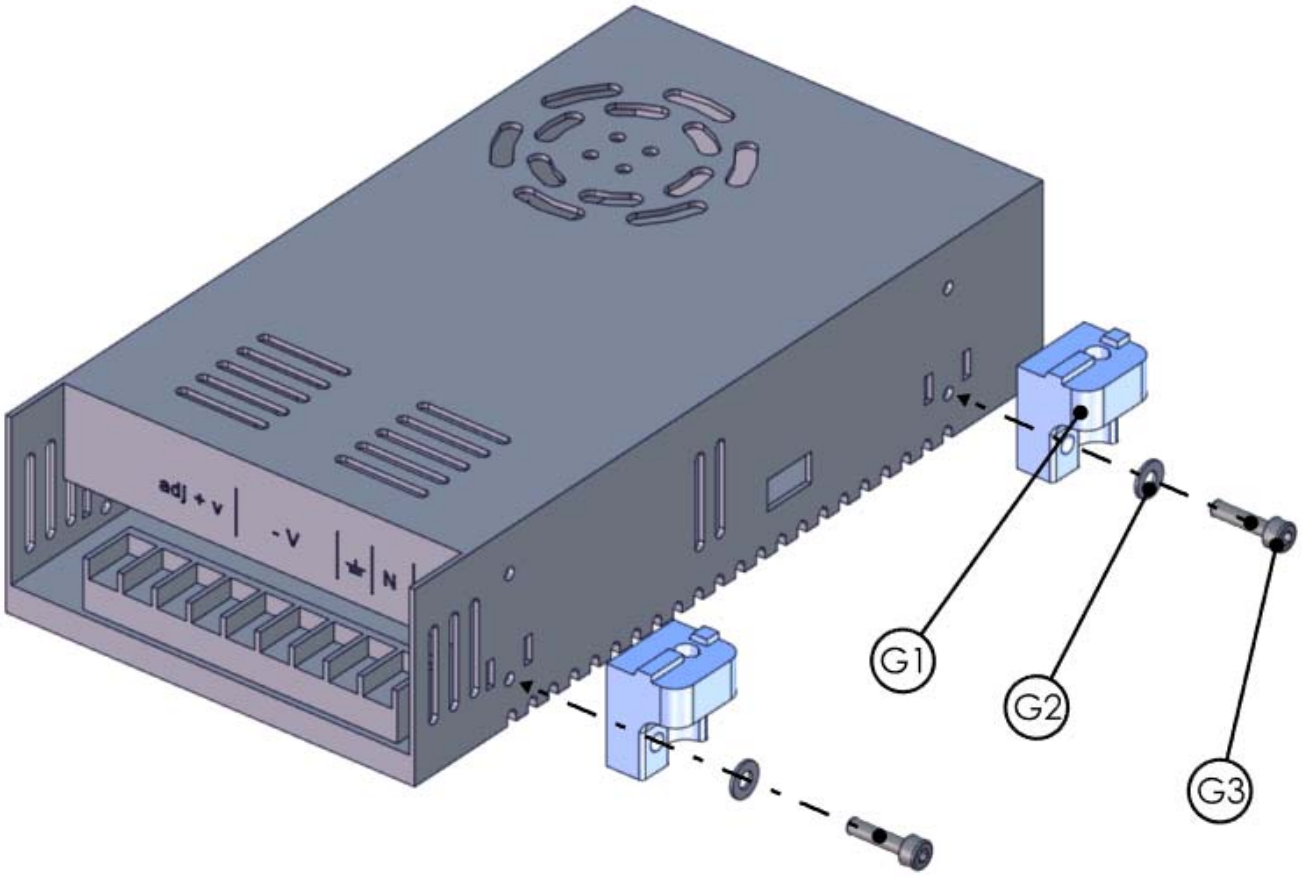
7





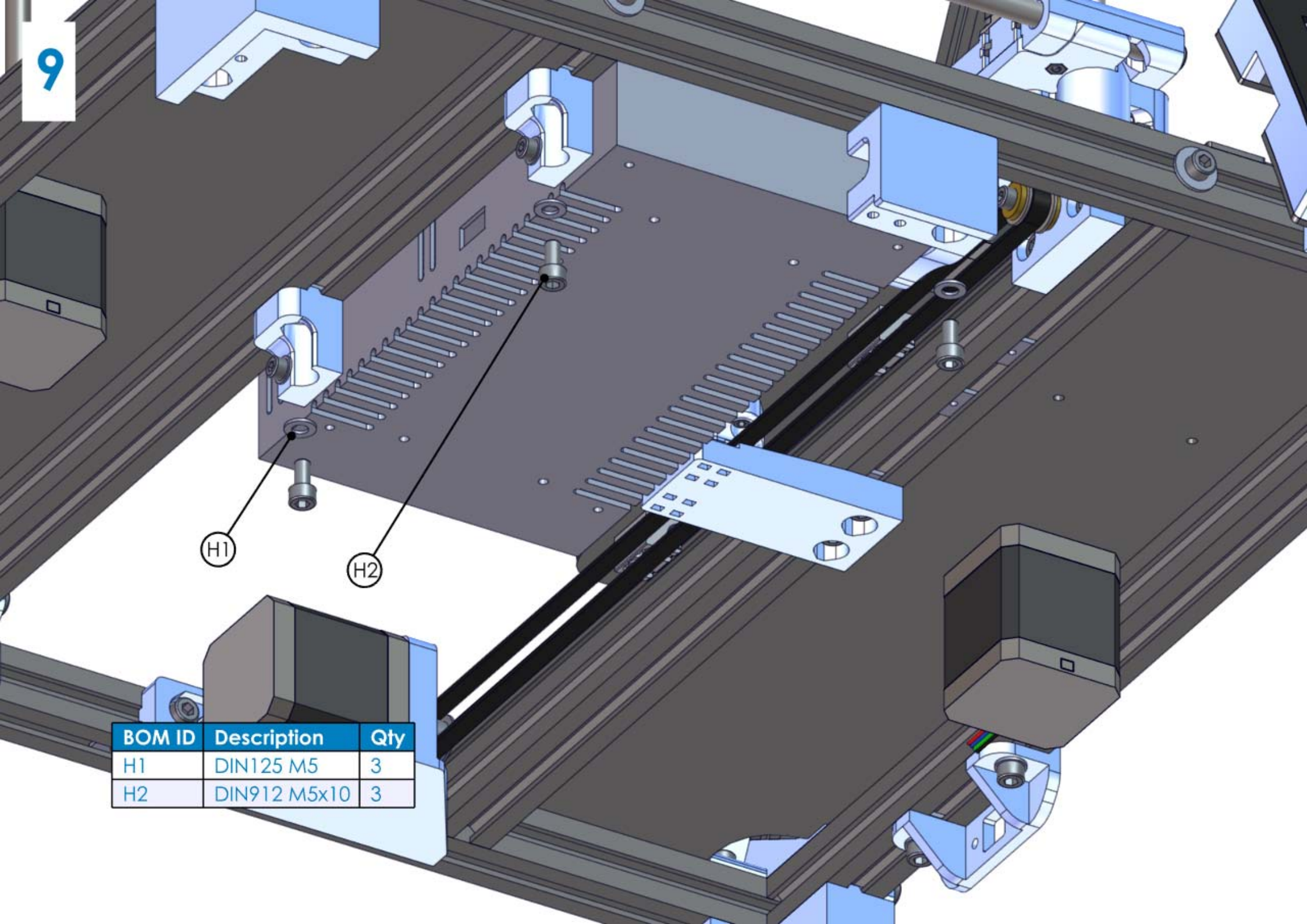
BOM ID	Description	Qty
F1	Power Supply 12V 30A	1
F2	Front Source Holder	1
F3	DIN125 M4	1
F4	DIN912 M4x16	1
F5	DIN934 M3	2

8



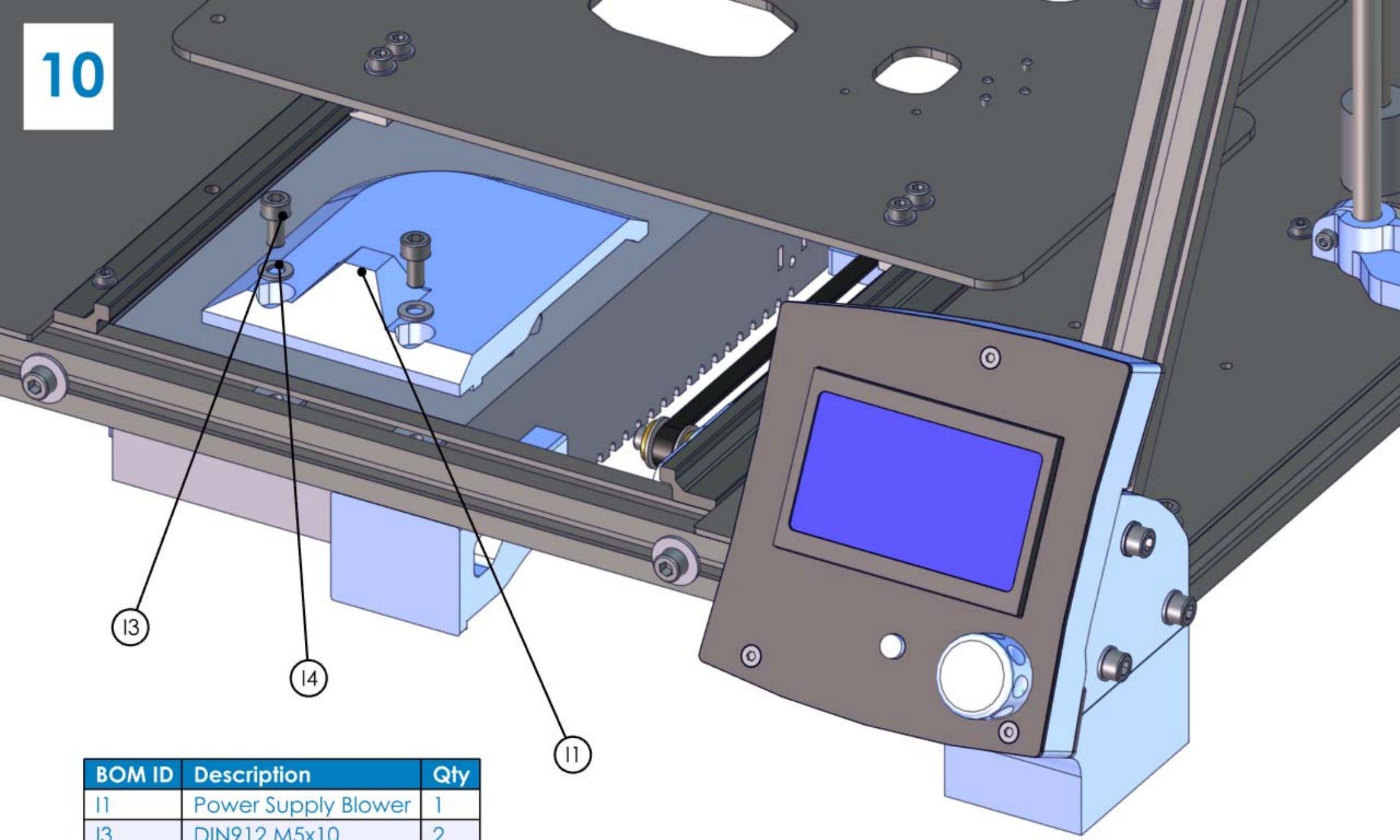
BOM ID	Description	Qty
G1	Front Source Holder	2
G2	DIN125 M4	2
G3	DIN912 M4x16	2

9



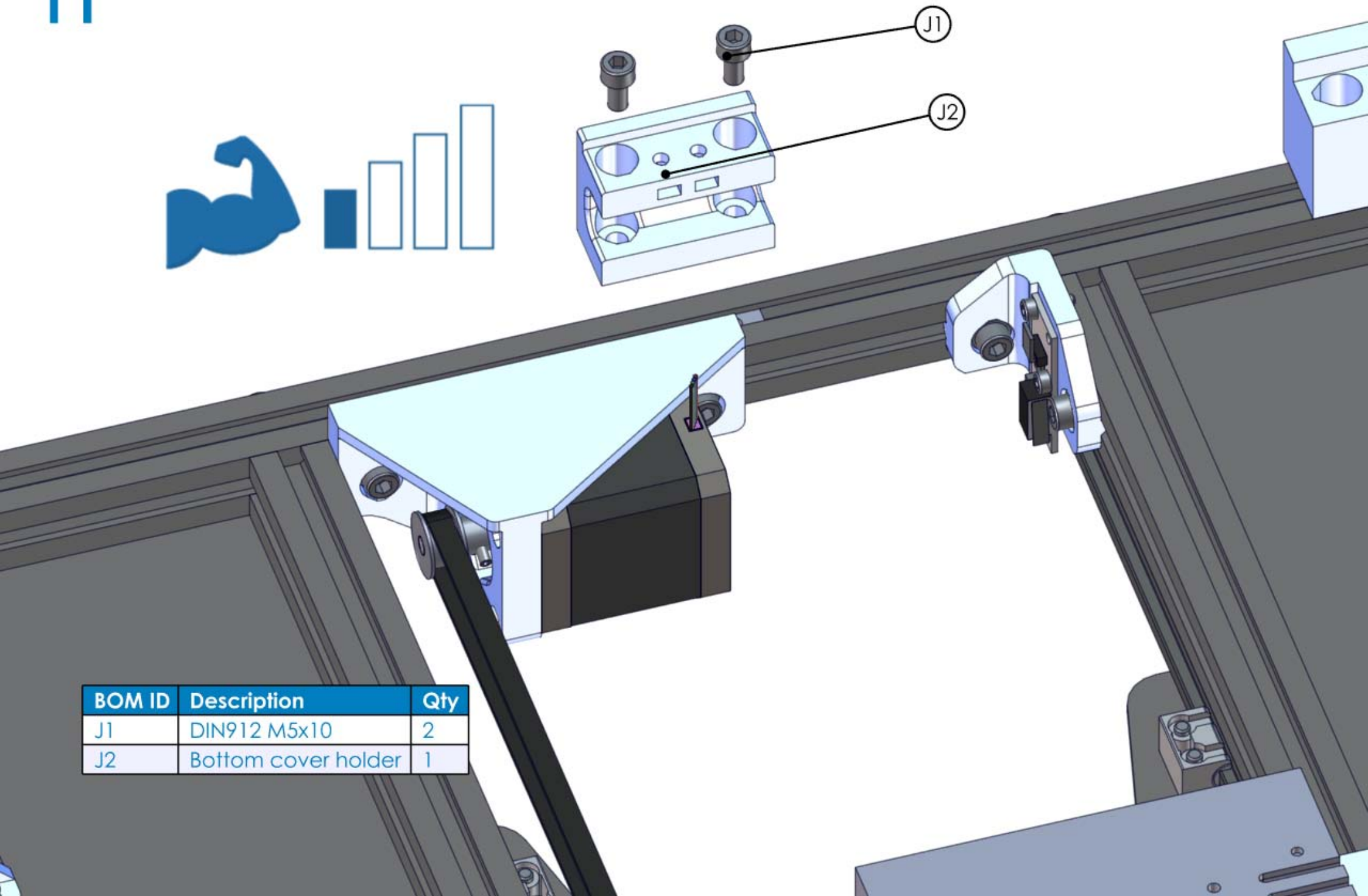
BOM ID	Description	Qty
H1	DIN125 M5	3
H2	DIN912 M5x10	3

10

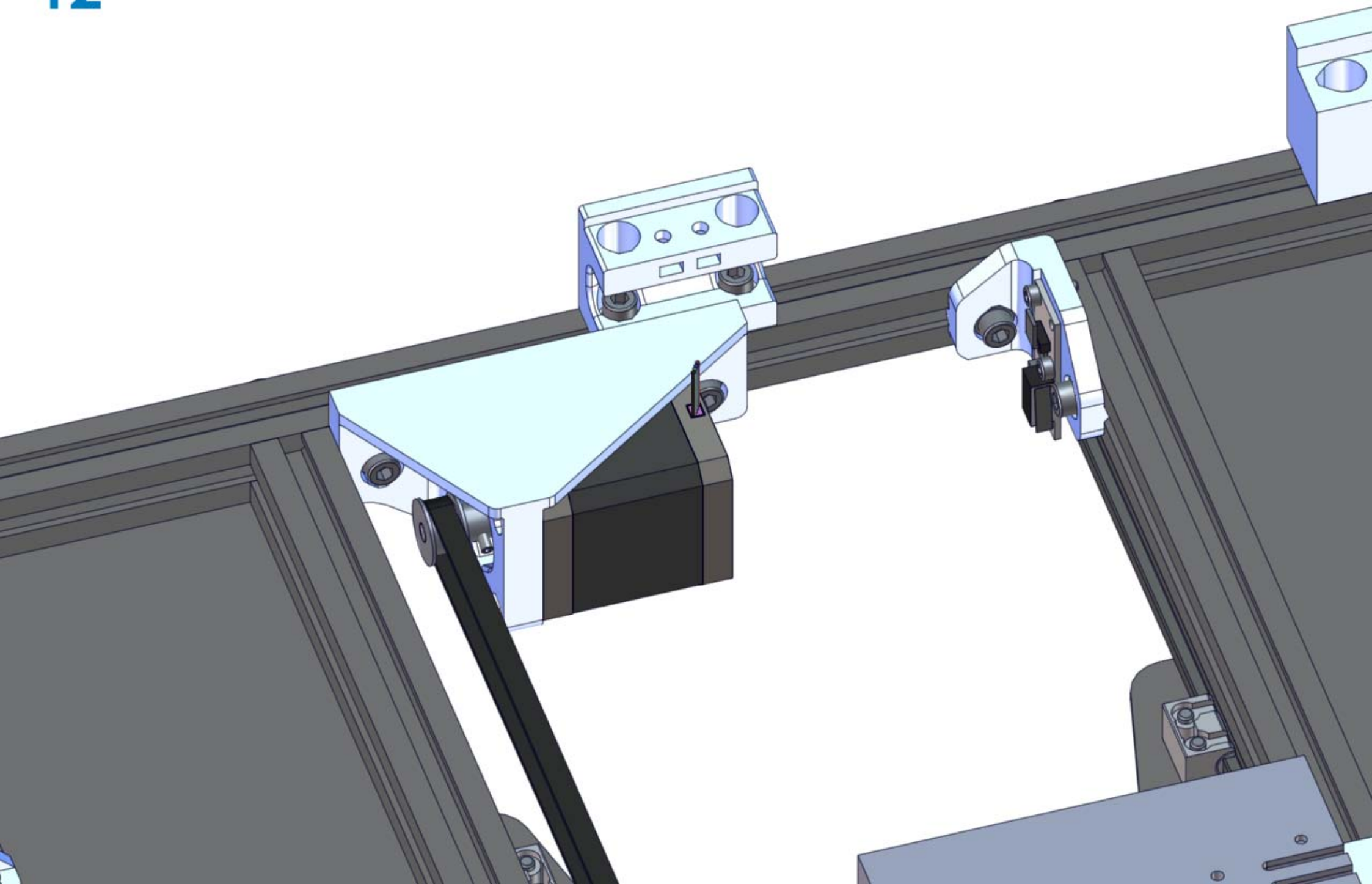


BOM ID	Description	Qty
I1	Power Supply Blower	1
I3	DIN912 M5x10	2
I4	DIN125 M5	2

11



BOM ID	Description	Qty
J1	DIN912 M5x10	2
J2	Bottom cover holder	1



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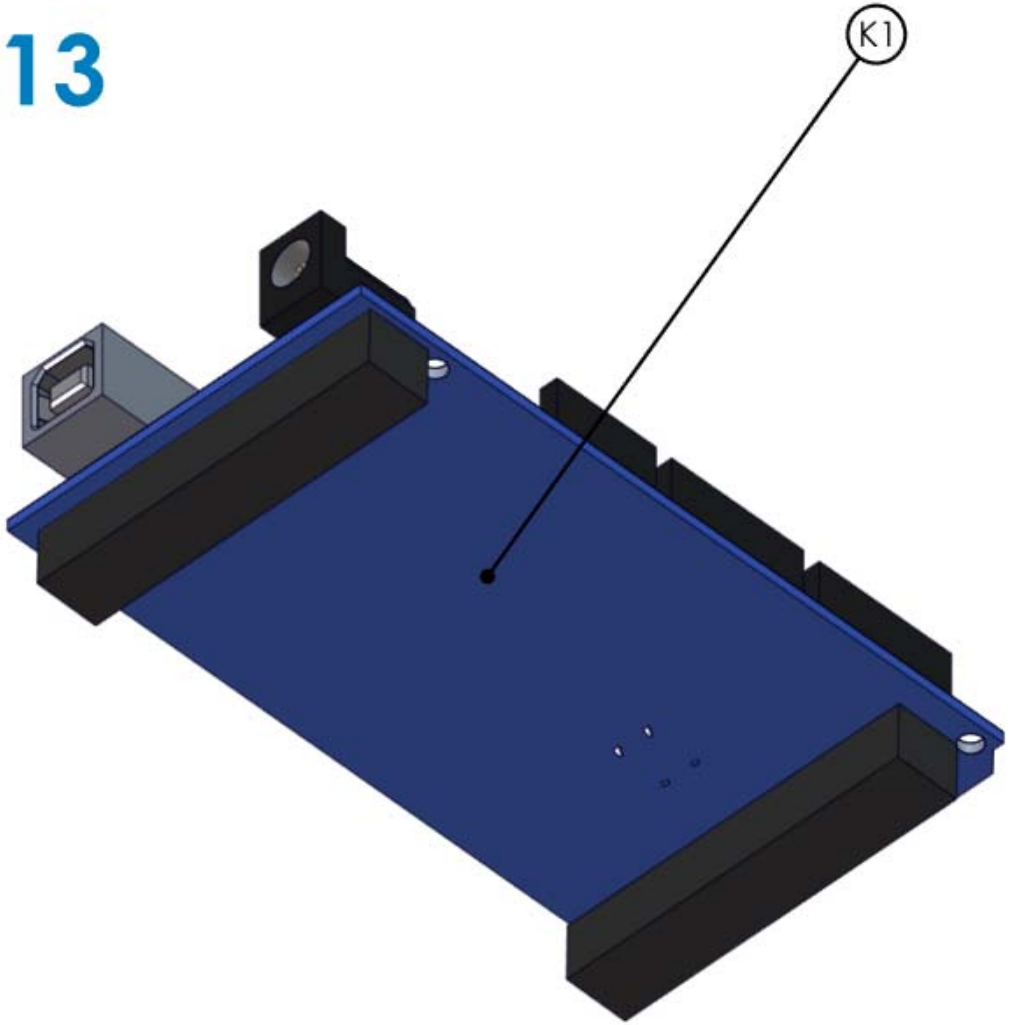
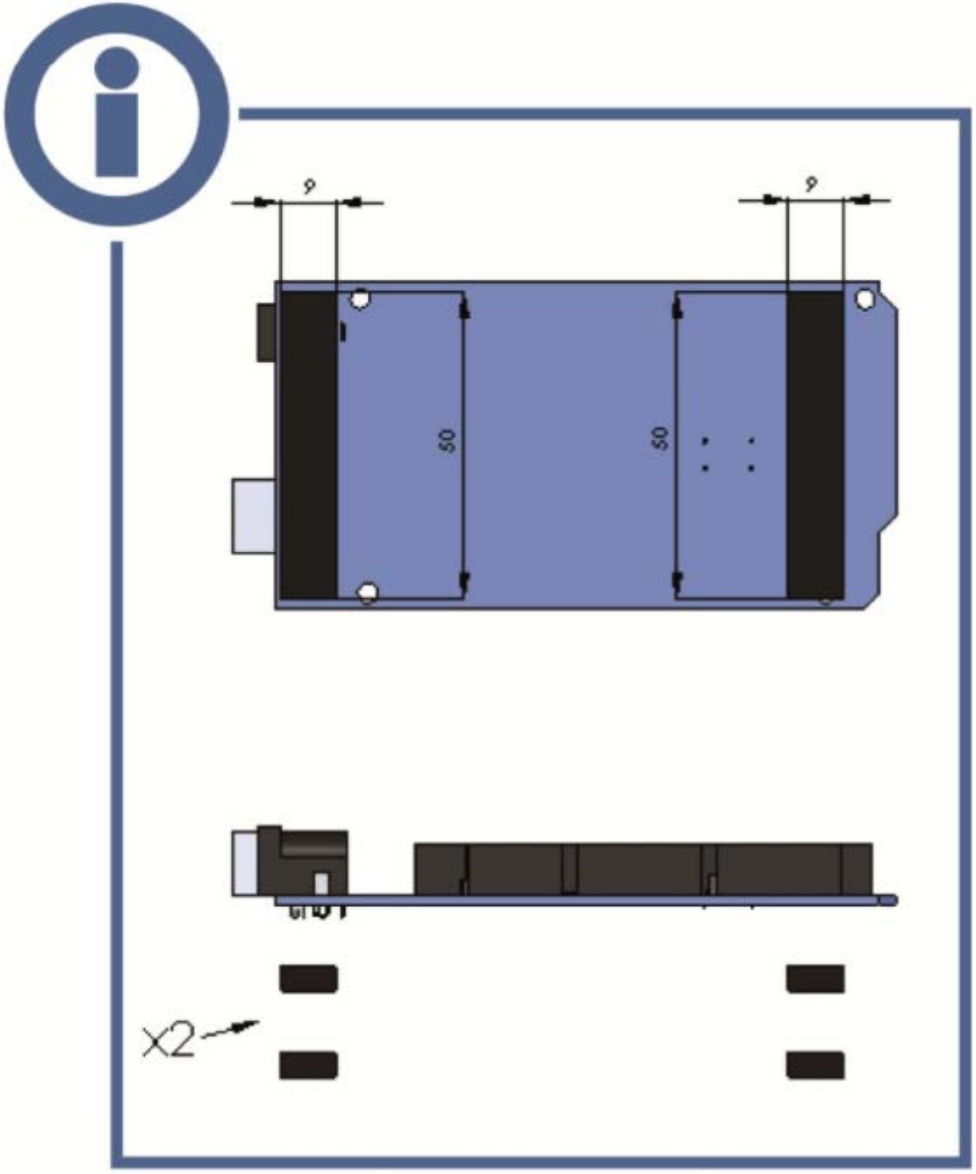


BOM ID	Description	Qty
K1	Arduino Mega 2560	1



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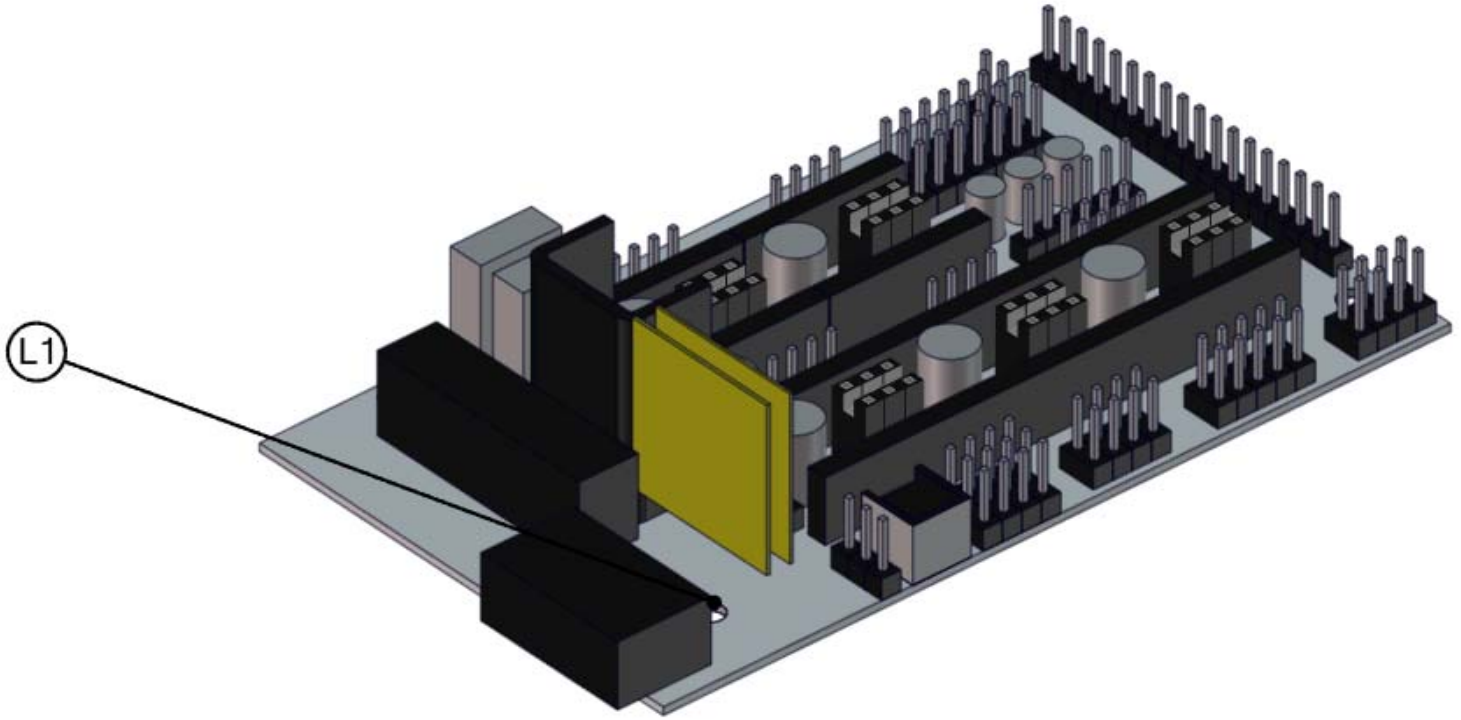
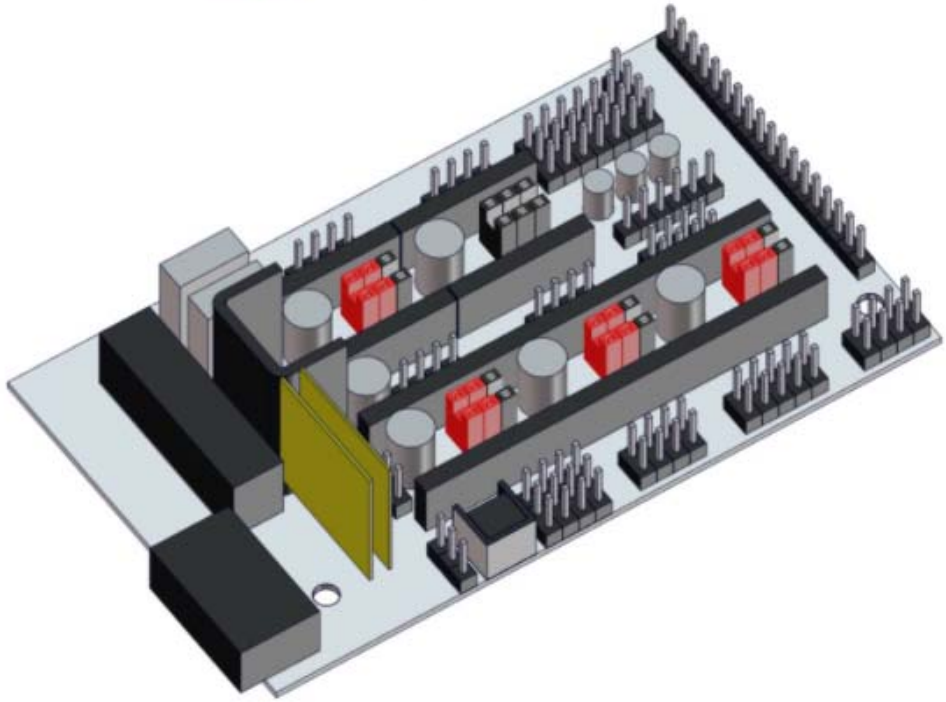
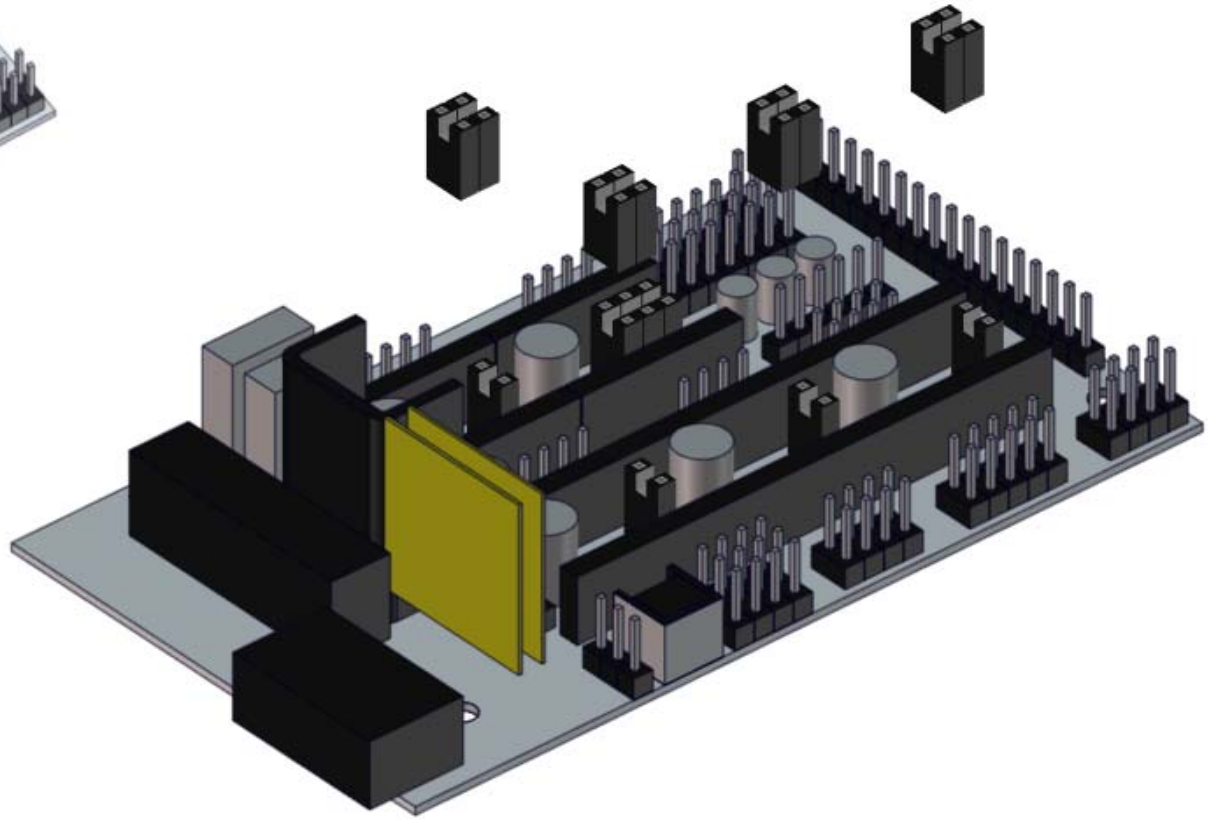


BOM ID	Description	Qty
L1	RAMPS 1.4	1

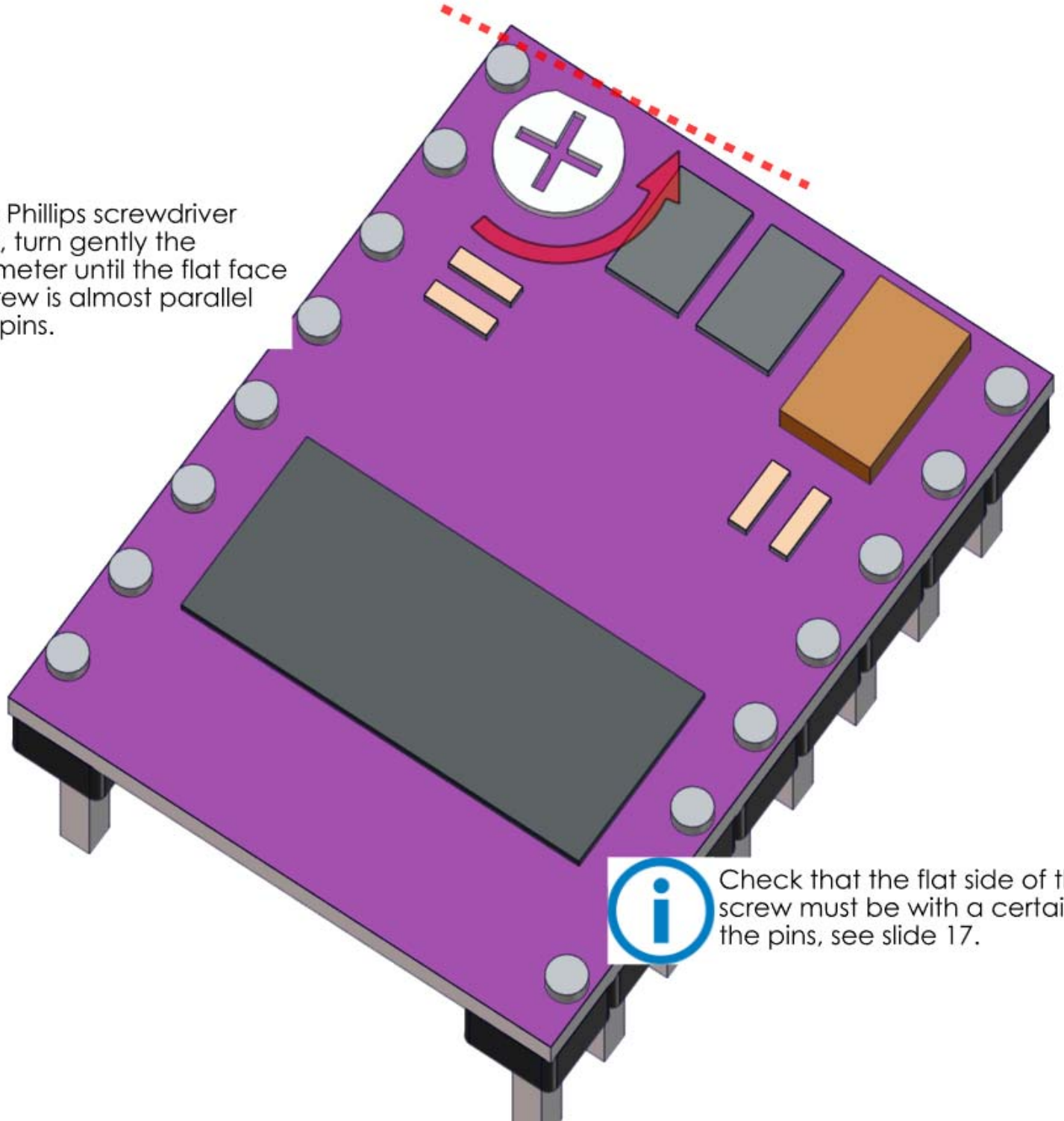
In order to adapt the board Ramps to purple Pololus, two jumpers must be disconnected (rectangular connectors), as shown in red in Fig.



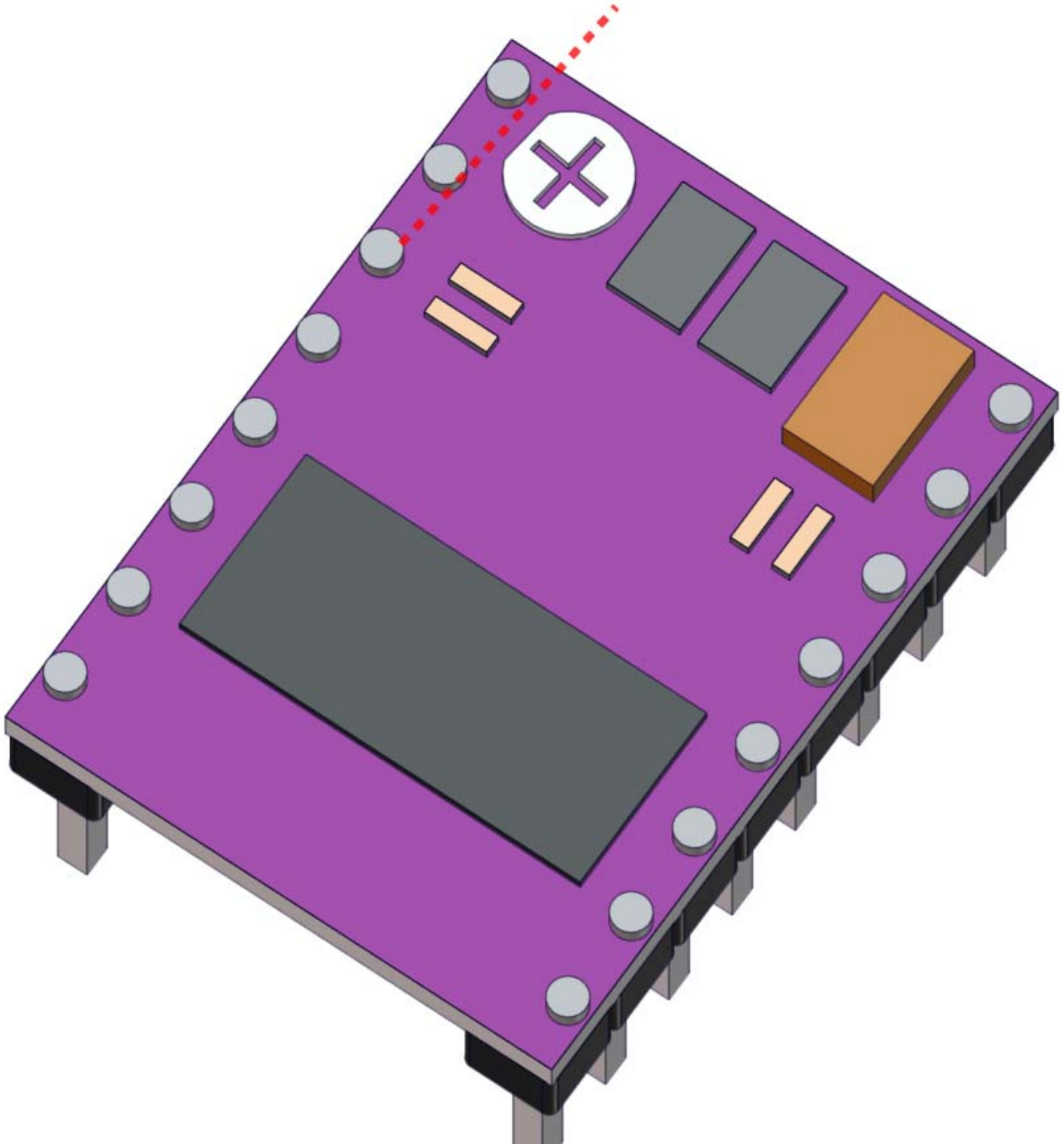


16

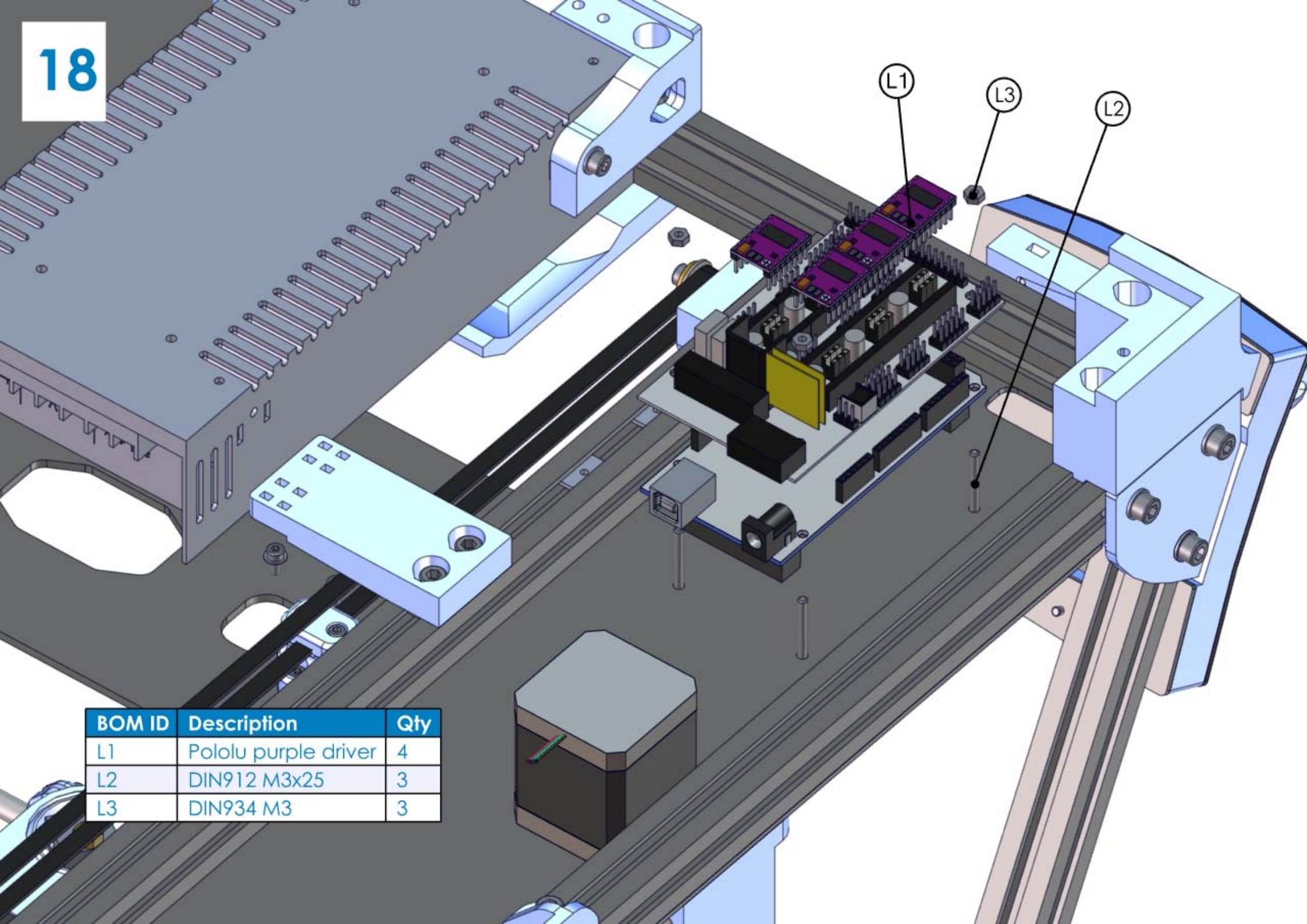
Using the Phillips screwdriver provided, turn gently the potentiometer until the flat face of the screw is almost parallel to closer pins.

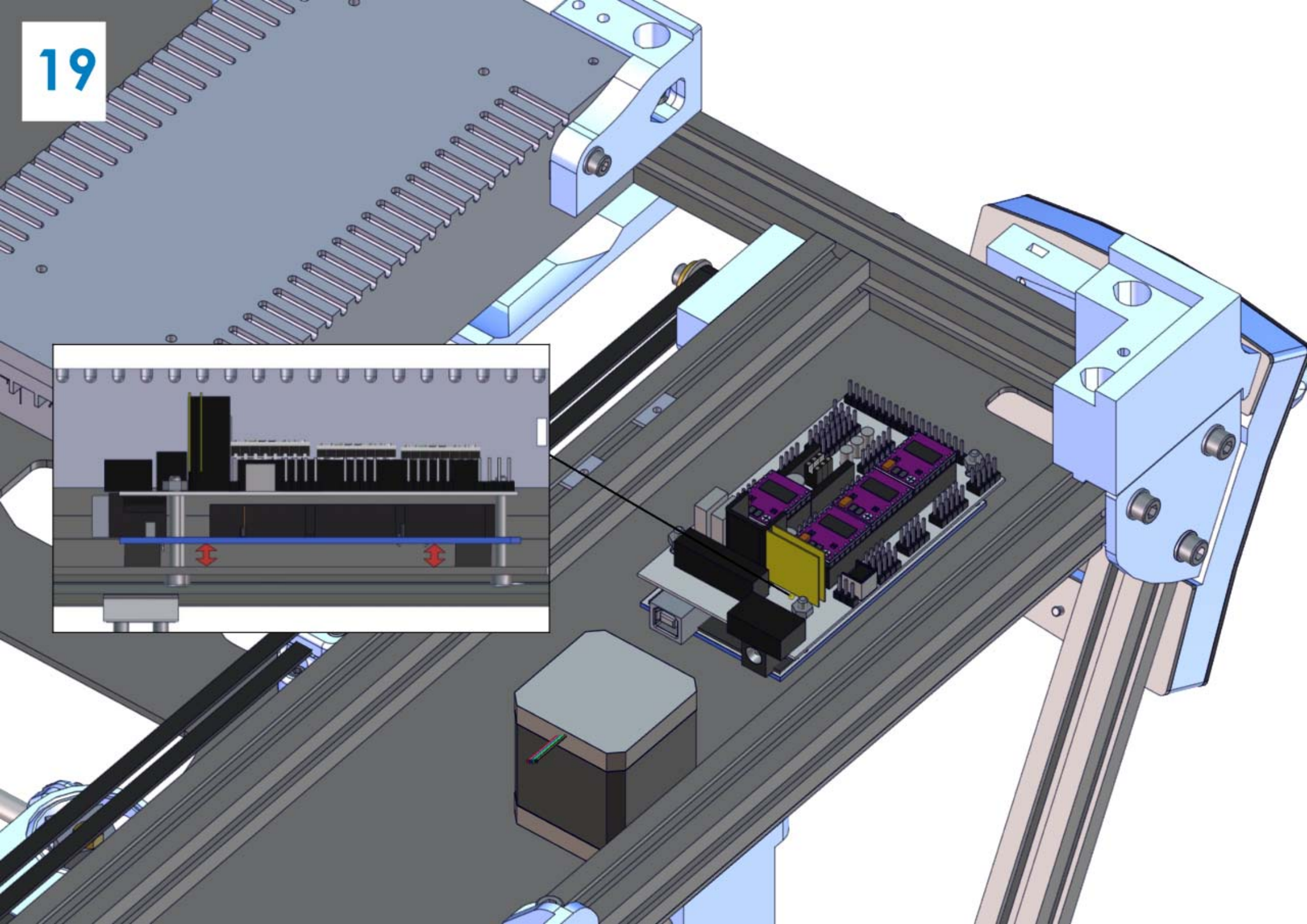
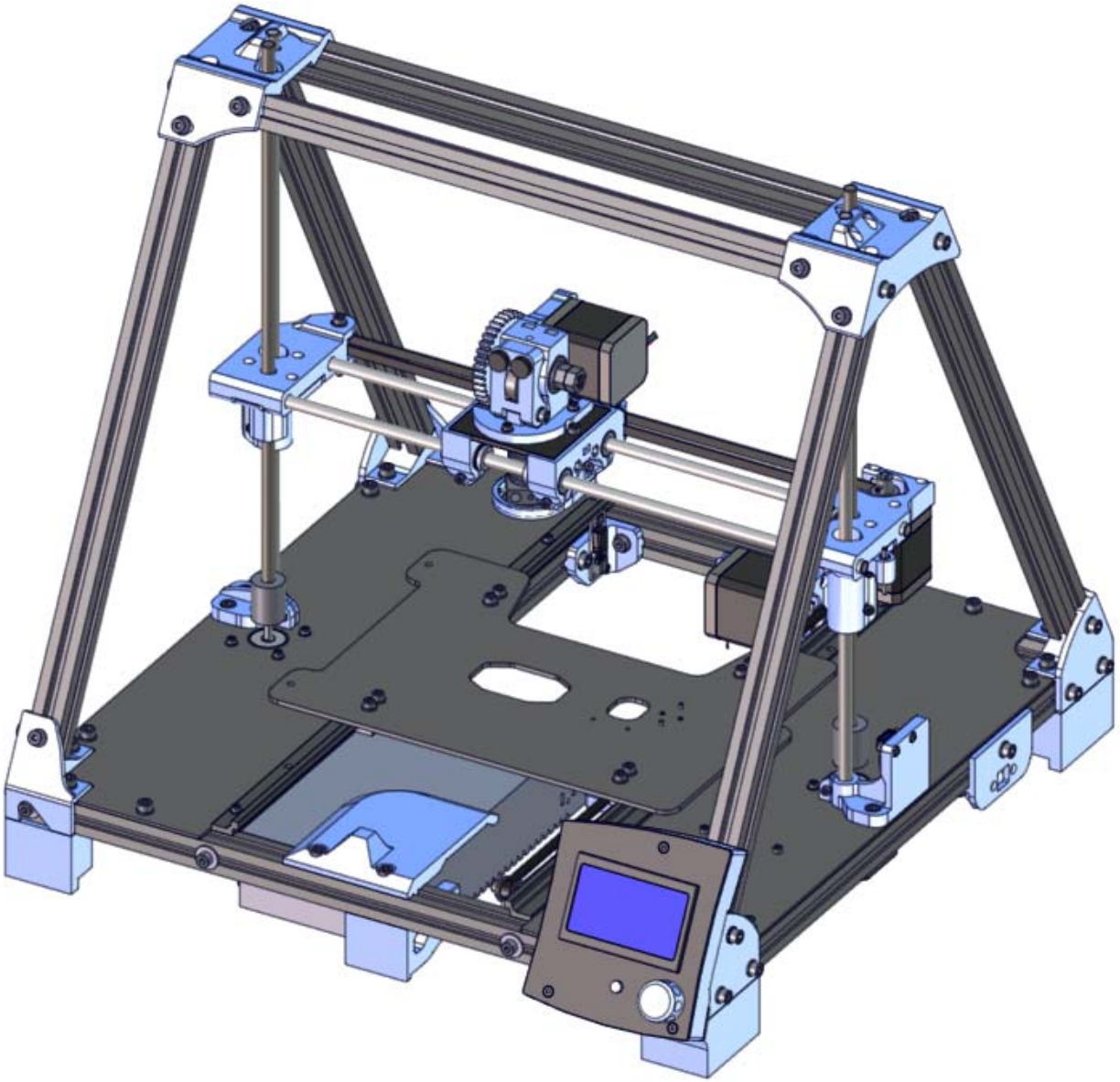


Check that the flat side of the potentiometer screw must be with a certain inclination from the pins, see slide 17.



18



BOM ID	Description	Qty
L1	Pololu purple driver	4
L2	DIN912 M3x25	3
L3	DIN934 M3	3

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