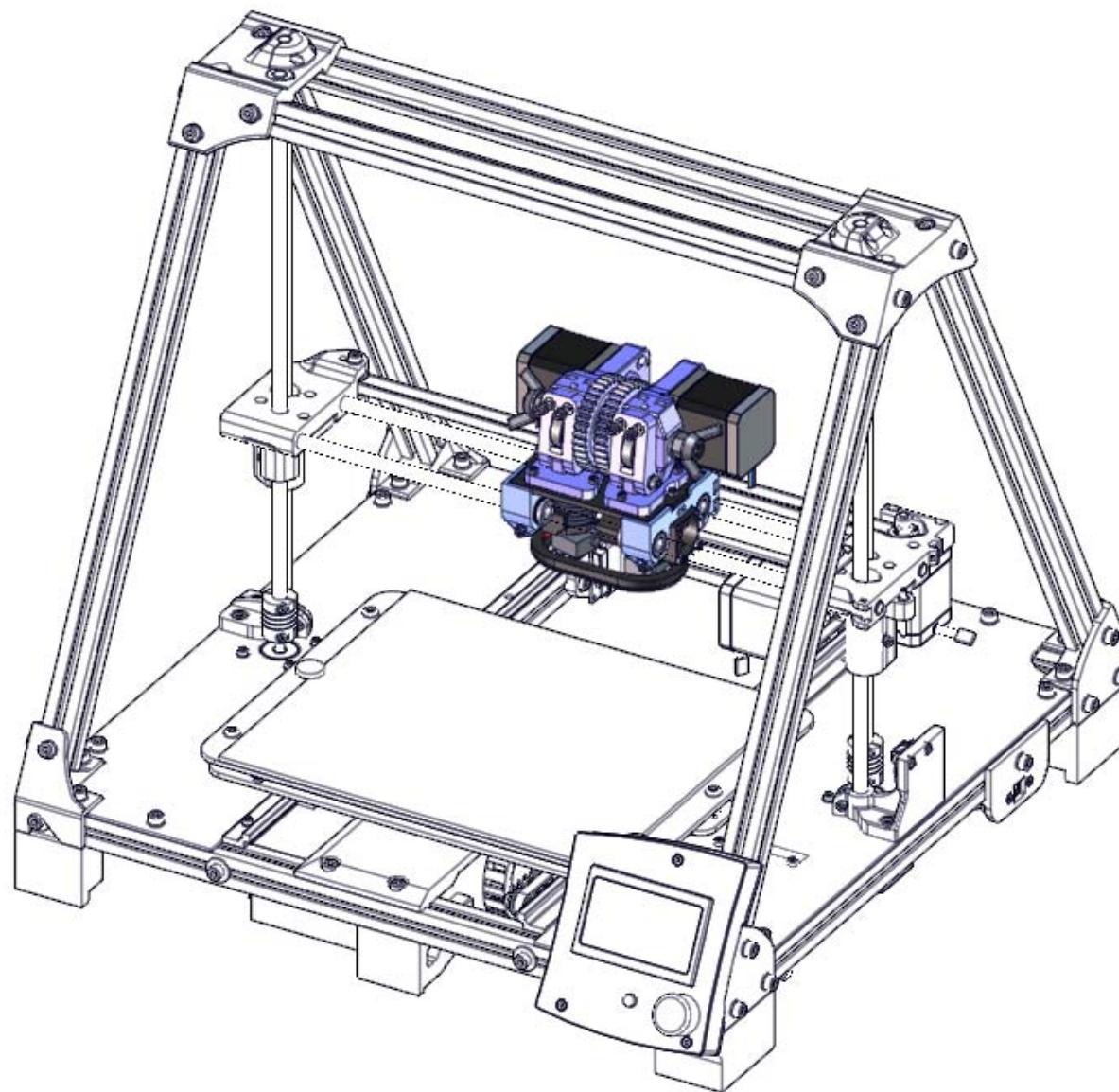


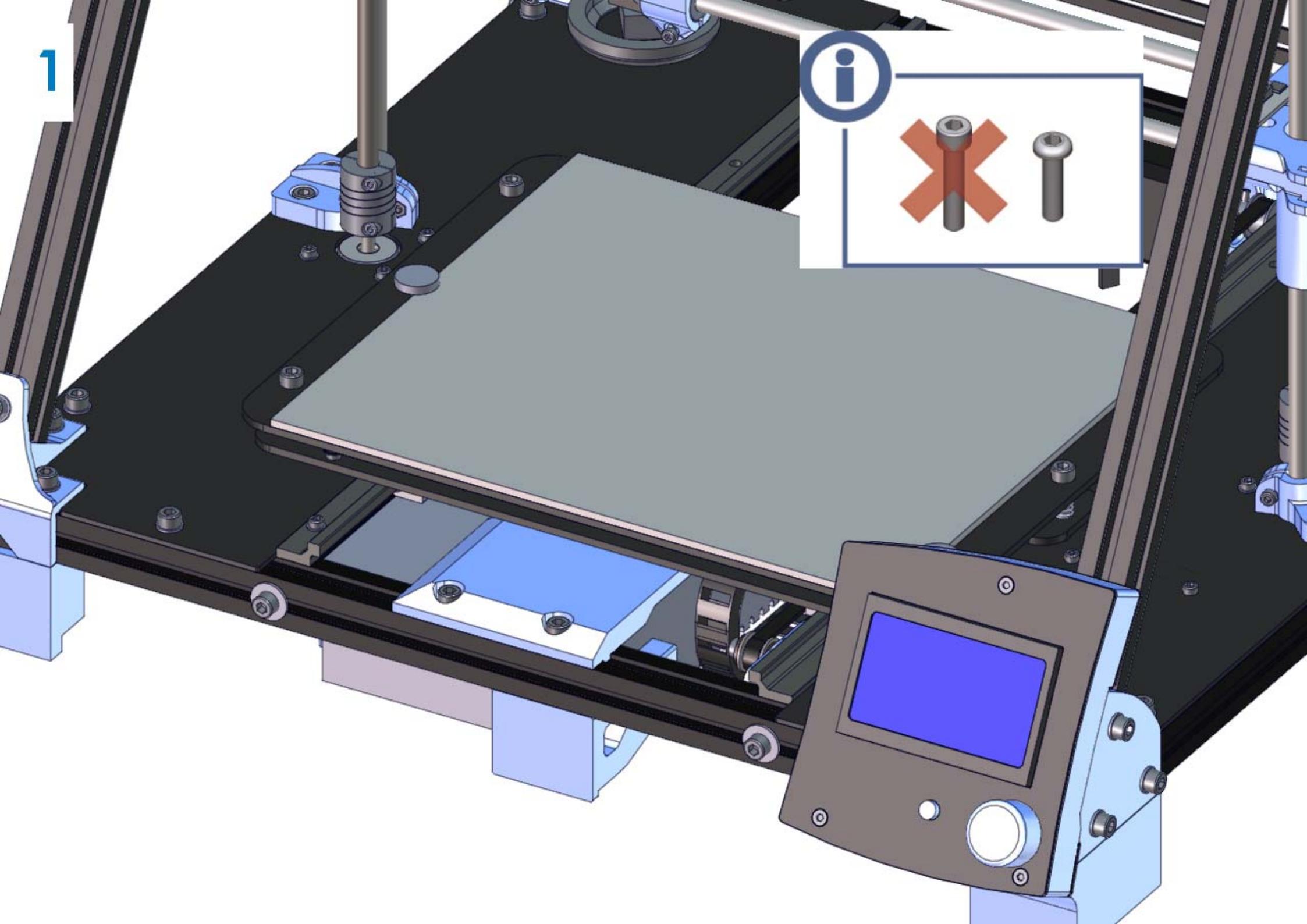


DUAL EXTRUDER

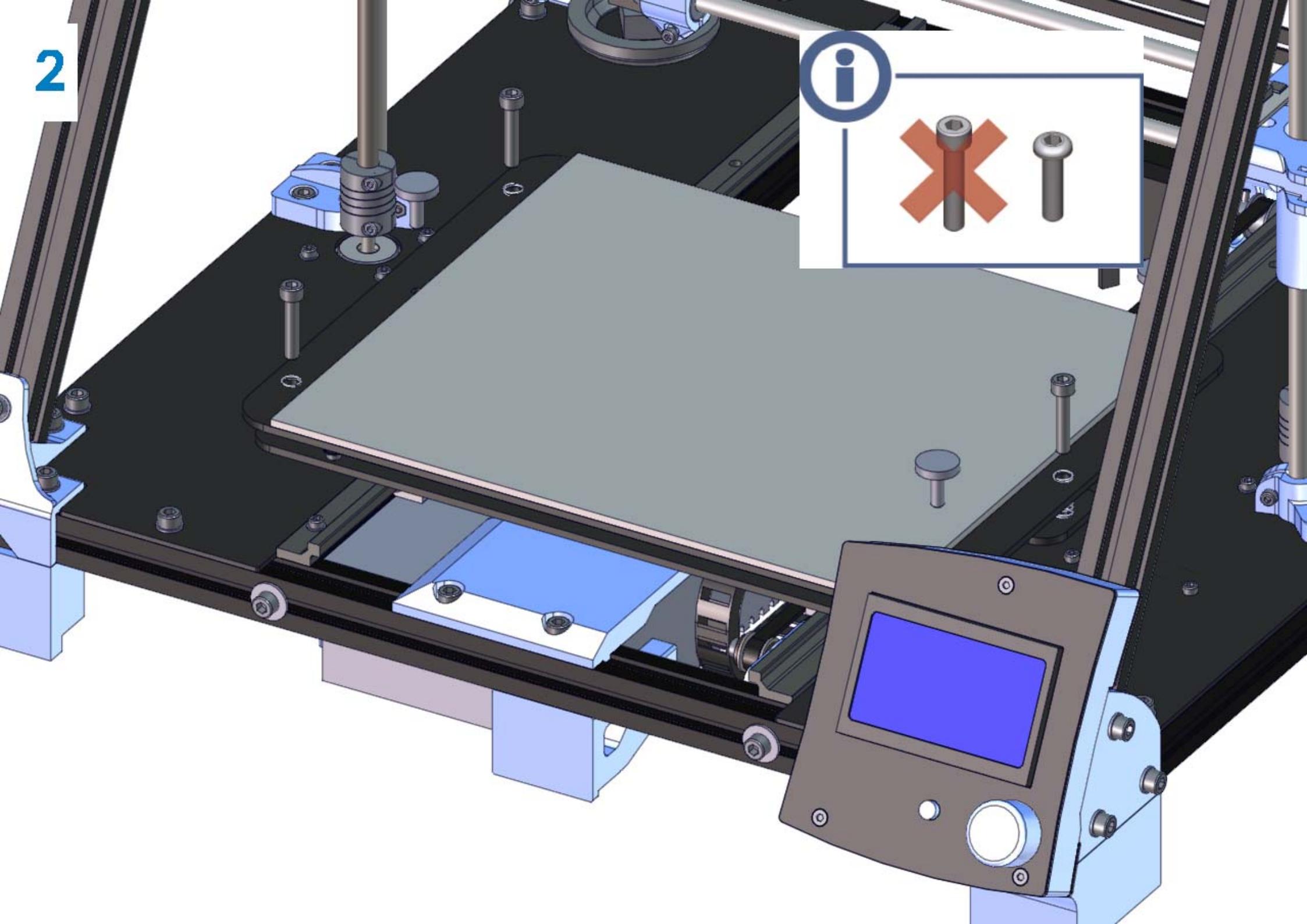
Assembly Guide



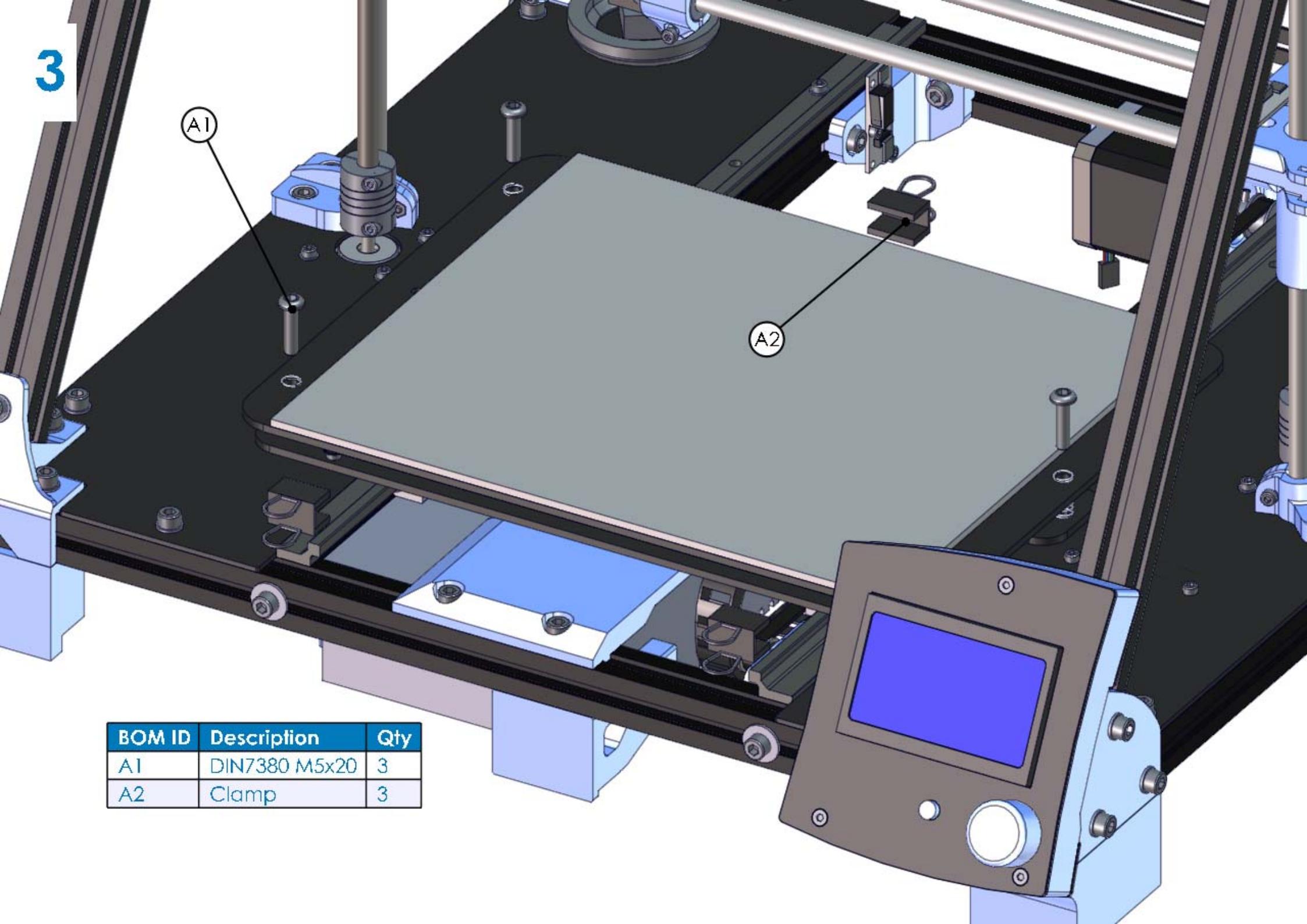
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2

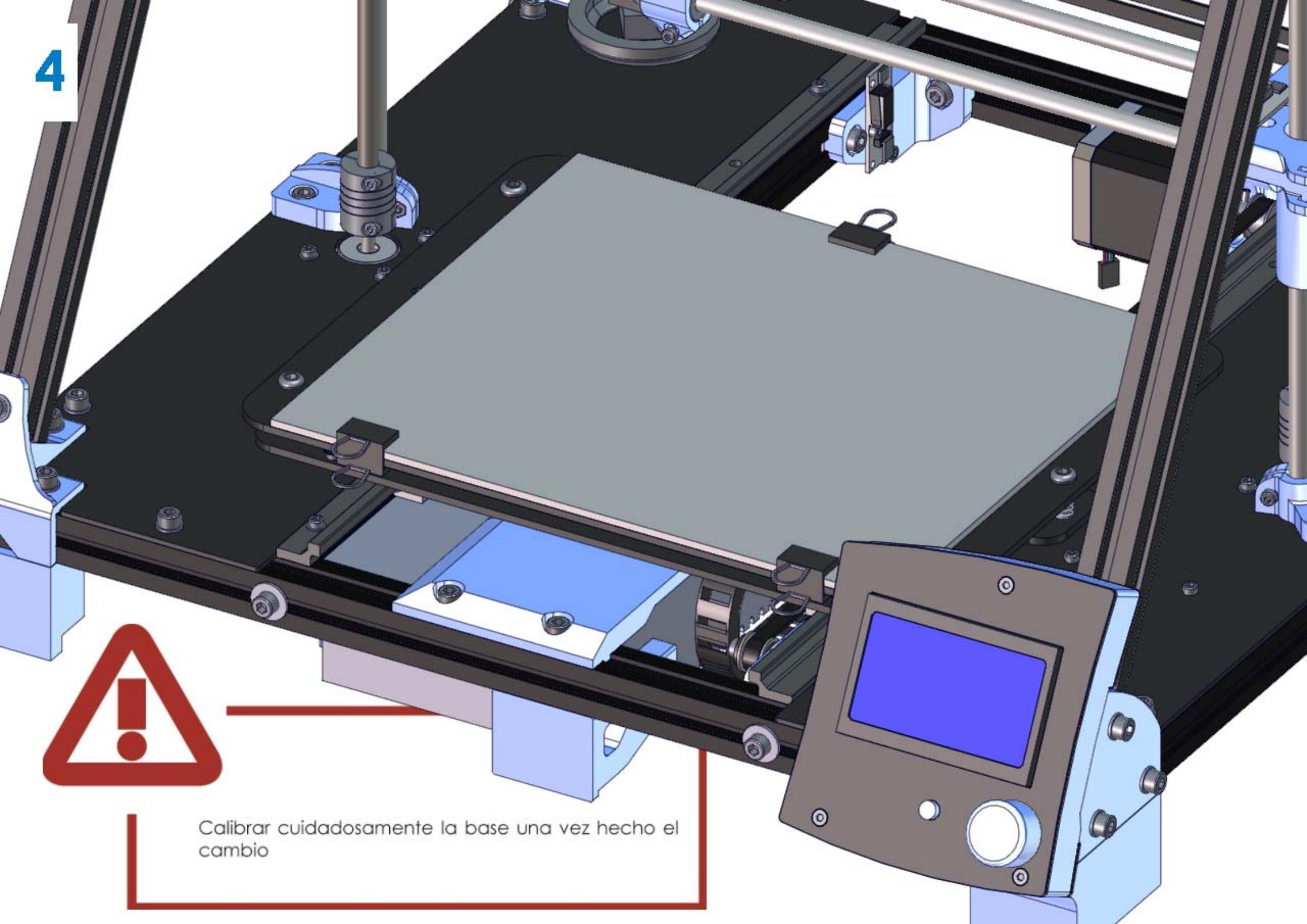


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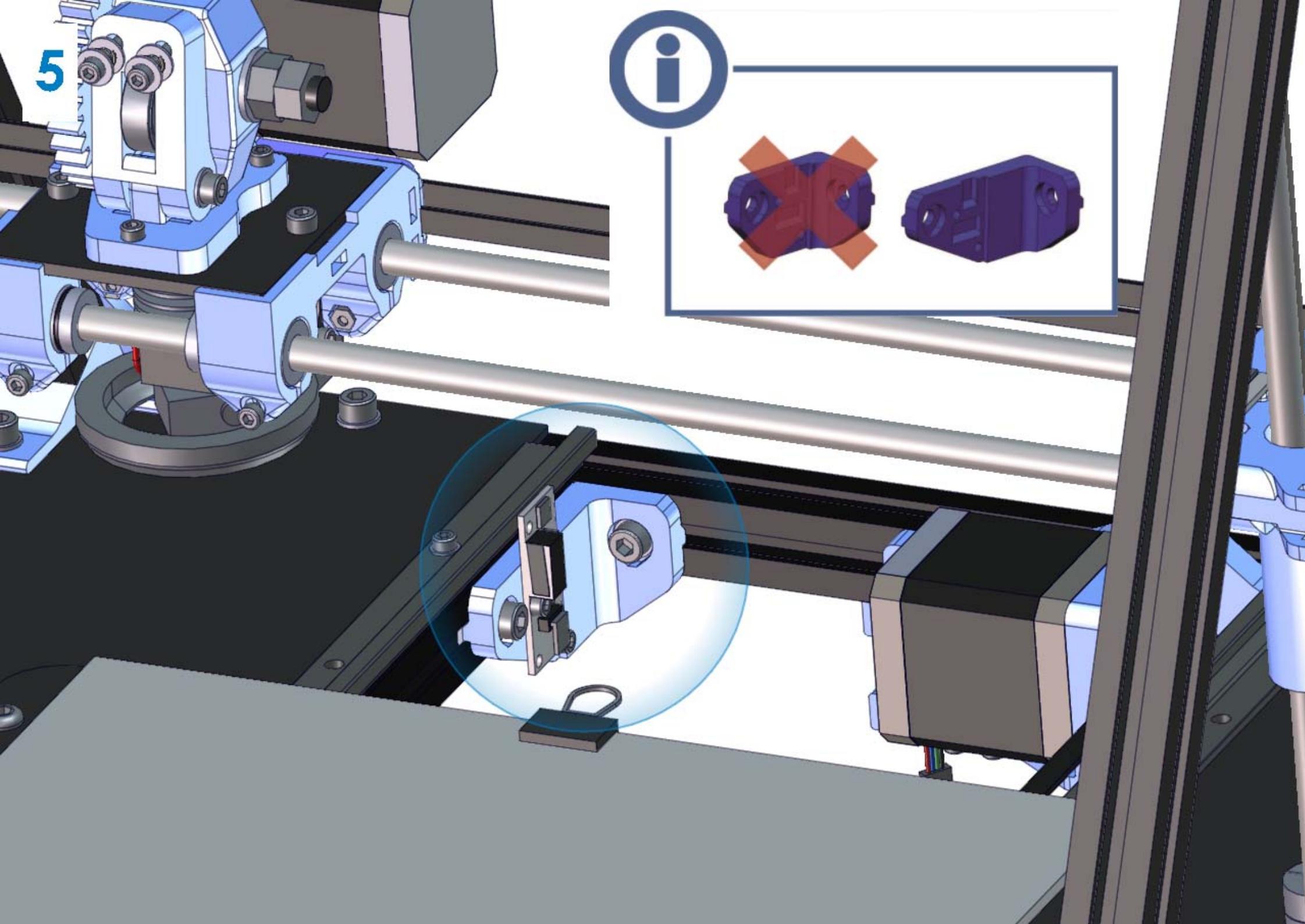


| BOM ID | Description | Qty |
|--------|---------------|-----|
| A1 | DIN7380 M5x20 | 3 |
| A2 | Clamp | 3 |

4



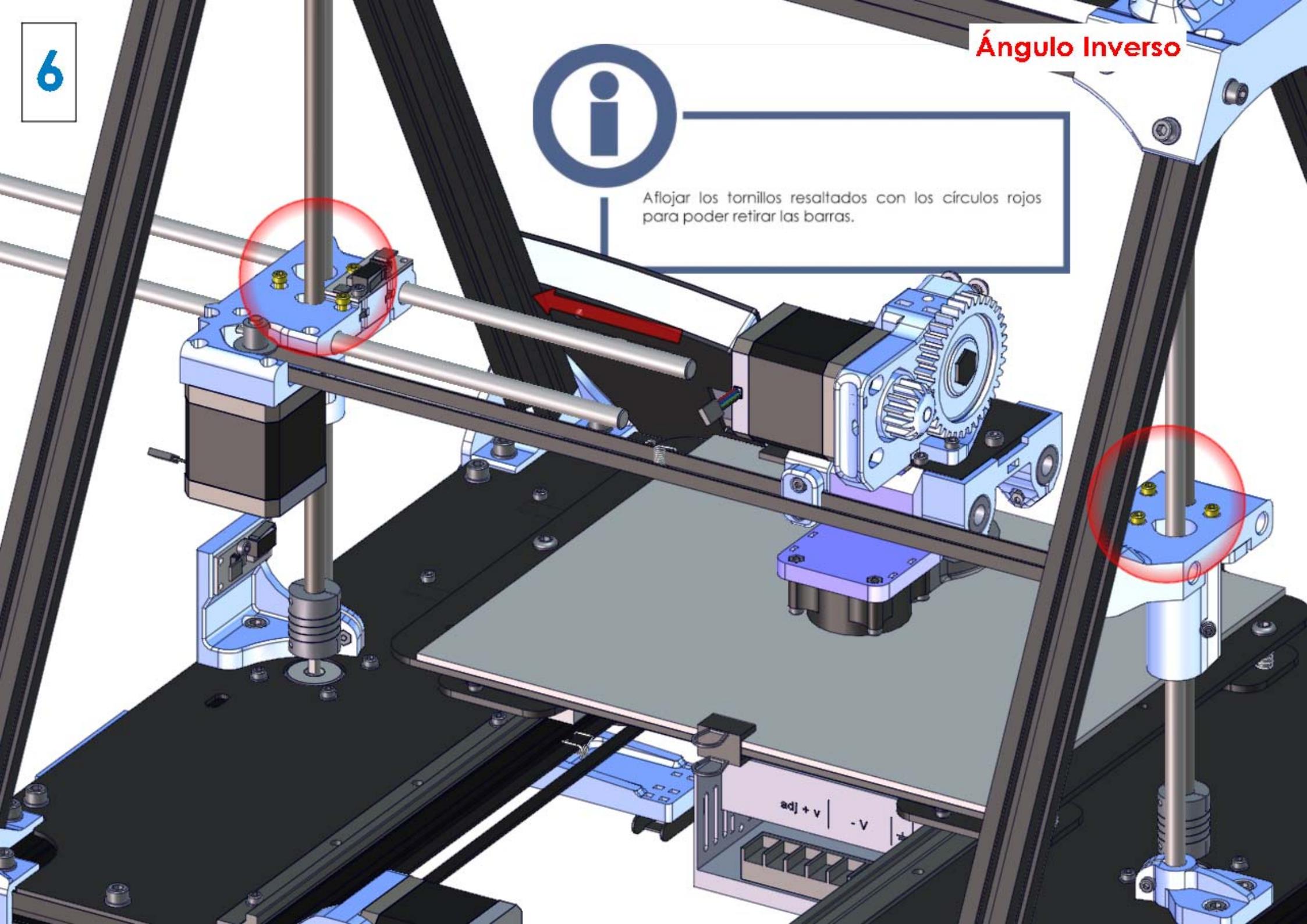
Calibrar cuidadosamente la base una vez hecho el cambio



5

Ángulo Inverso

Aflojar los tornillos resaltados con los círculos rojos para poder retirar las barras.

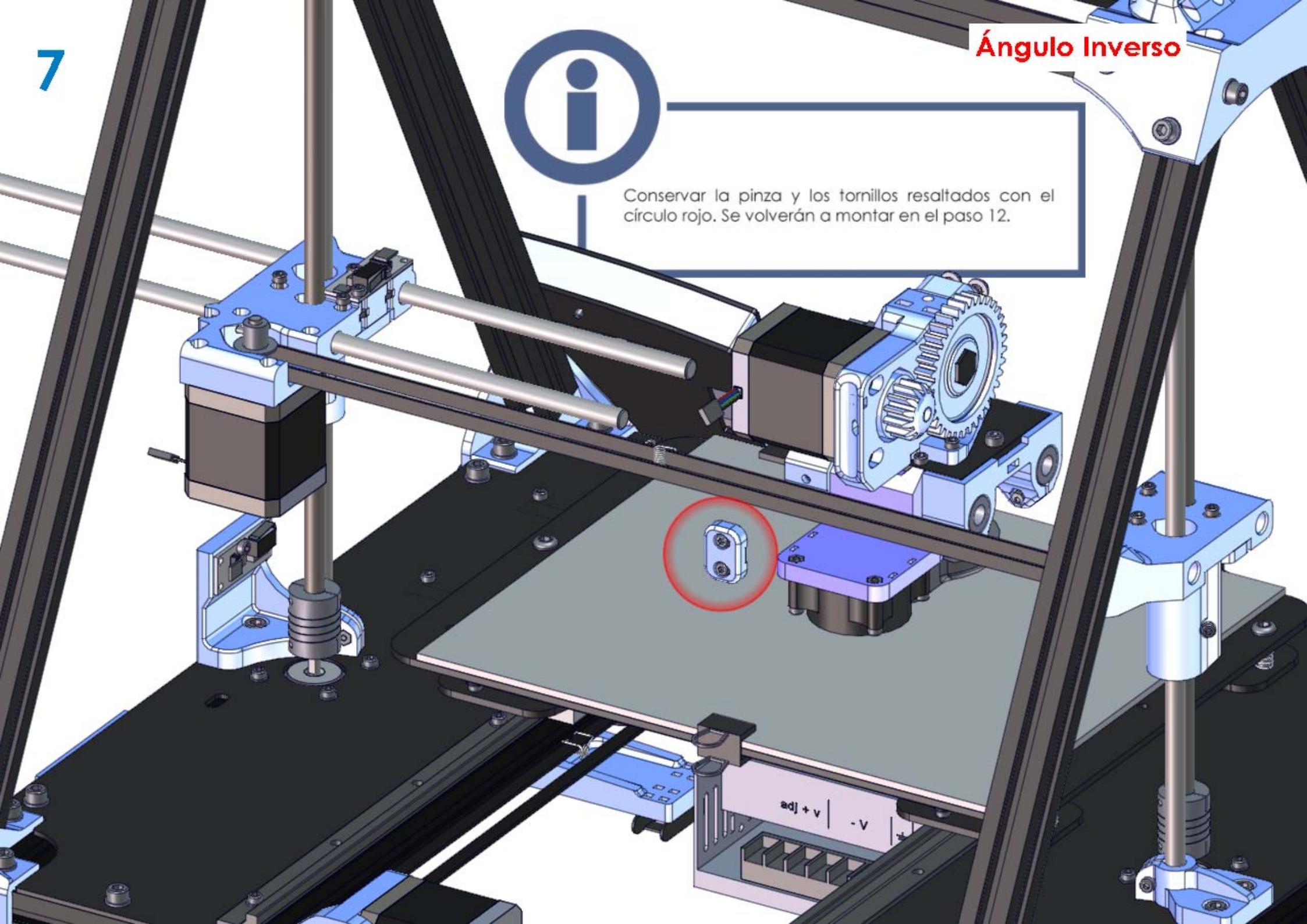


7

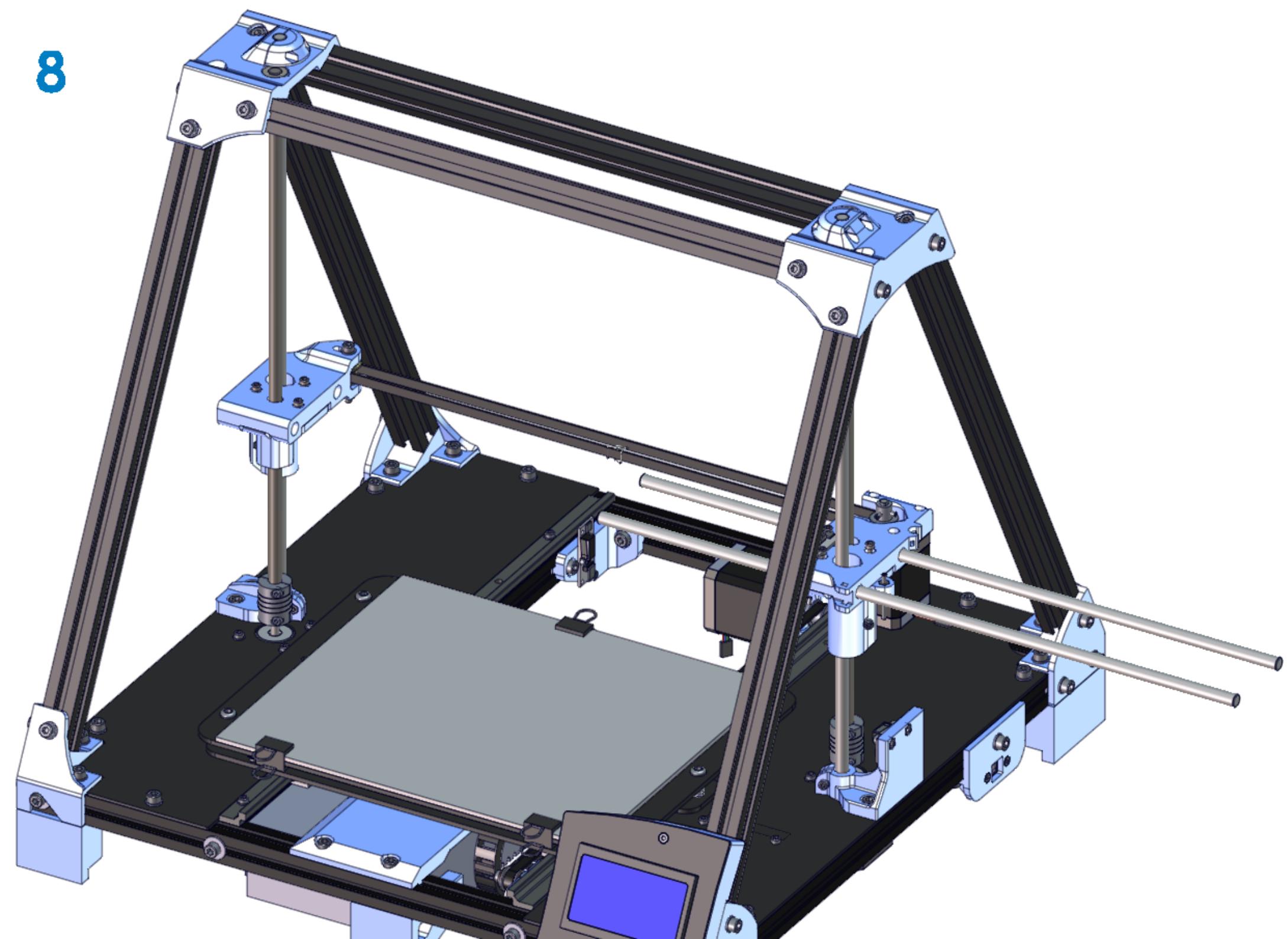
Ángulo Inverso

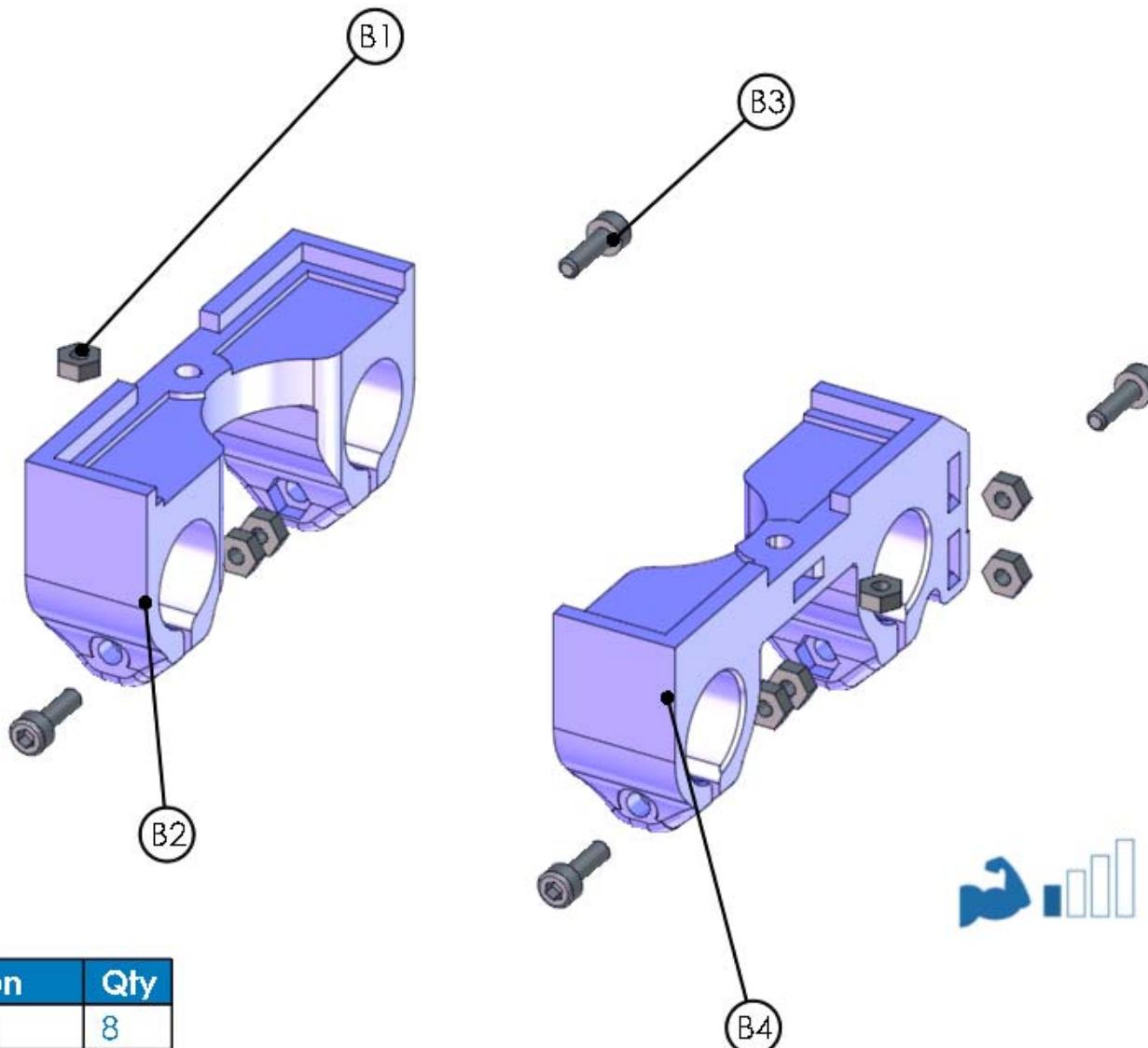


Conseguir la pinza y los tornillos resaltados con el círculo rojo. Se volverán a montar en el paso 12.



8

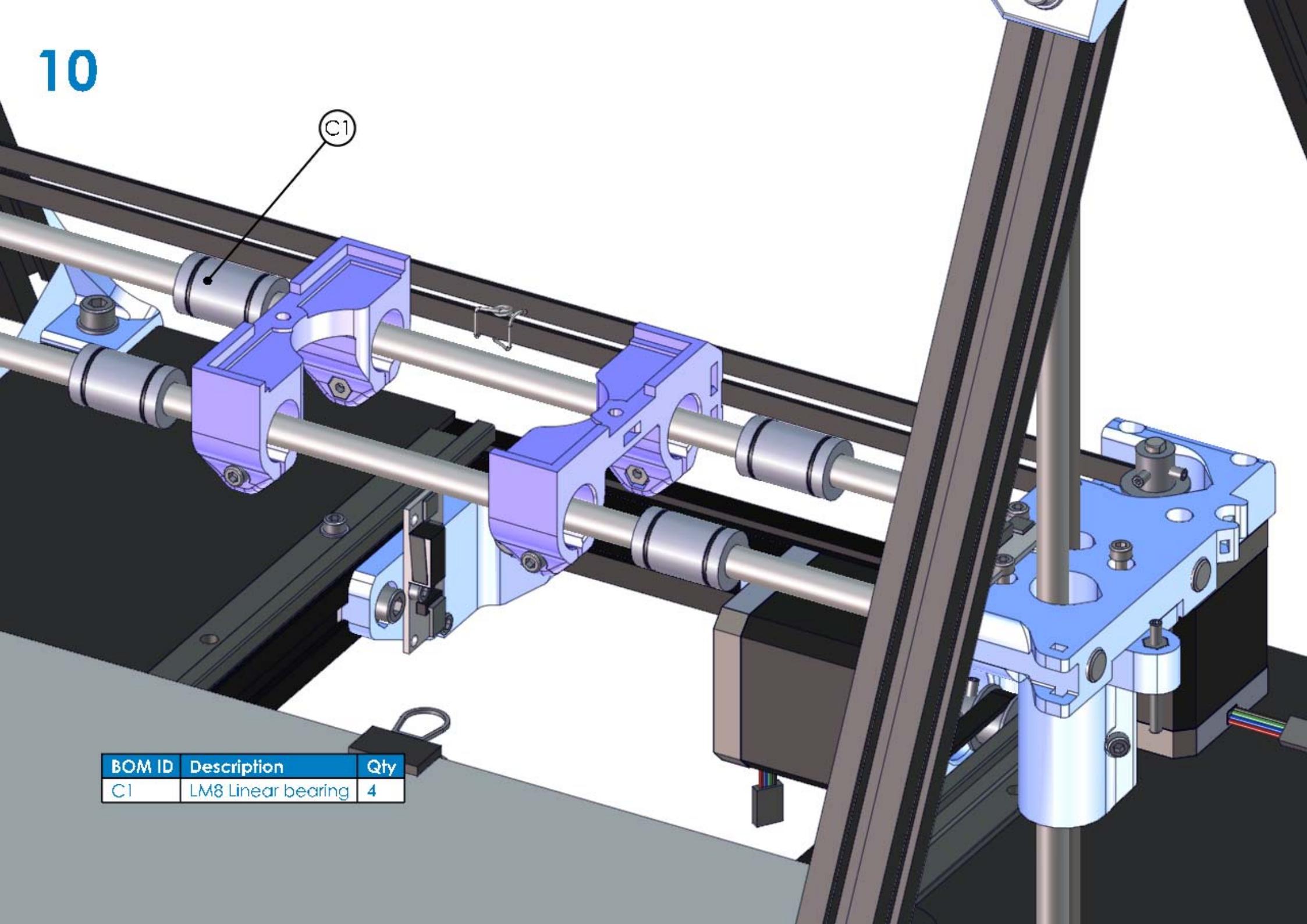




| BOM ID | Description | Qty |
|--------|----------------|-----|
| B1 | DIN934 M | 8 |
| B2 | Left carriage | 1 |
| B3 | DIN912 M3x12 | 4 |
| B4 | Right carriage | 1 |

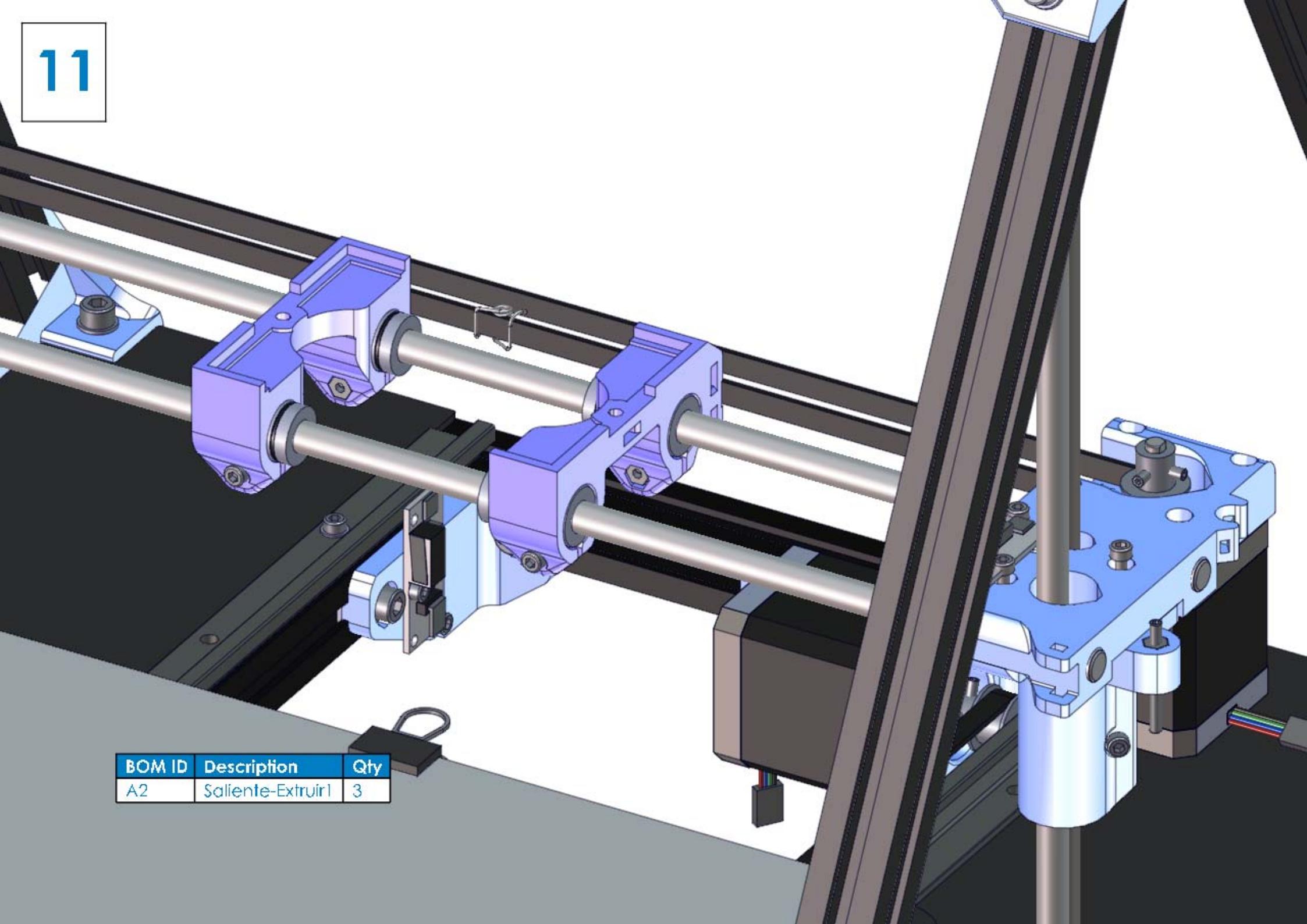


10

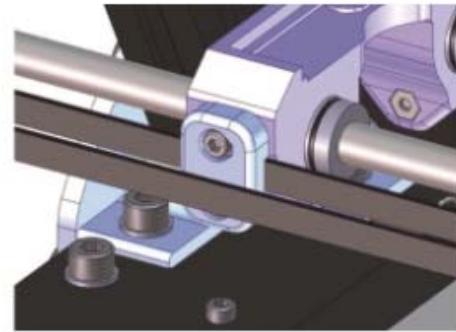


| BOM ID | Description | Qty |
|--------|--------------------|-----|
| C1 | LM8 Linear bearing | 4 |

11



12



El globo de color amarillo indica que la pieza es la misma que estaba montada anteriormente.

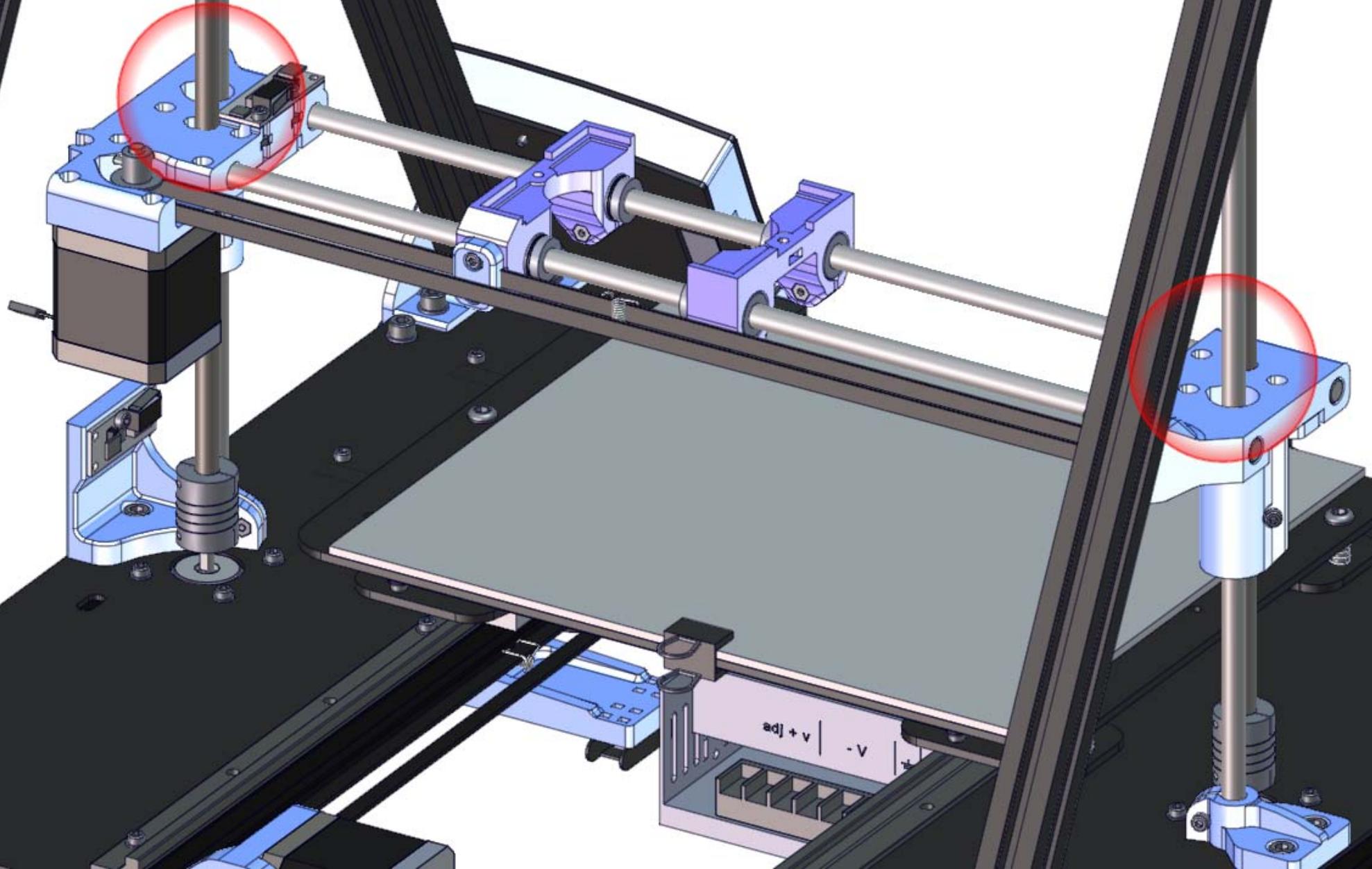
D1

D2

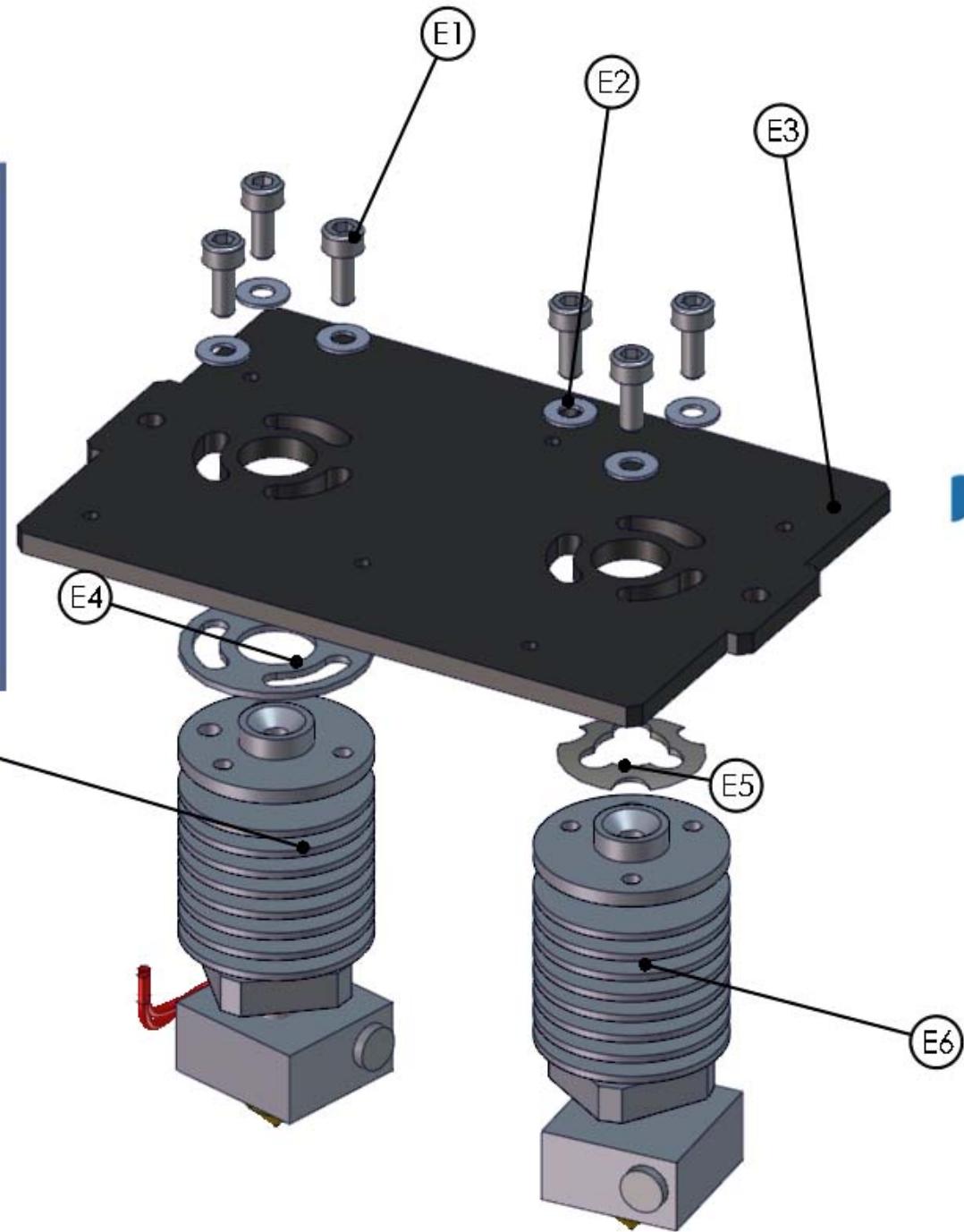
| BOM ID | Description | Qty |
|--------|--------------|-----|
| D1 | DIN912 M3x10 | 2 |
| D2 | Belt clamp | 1 |

13

Ángulo Inverso

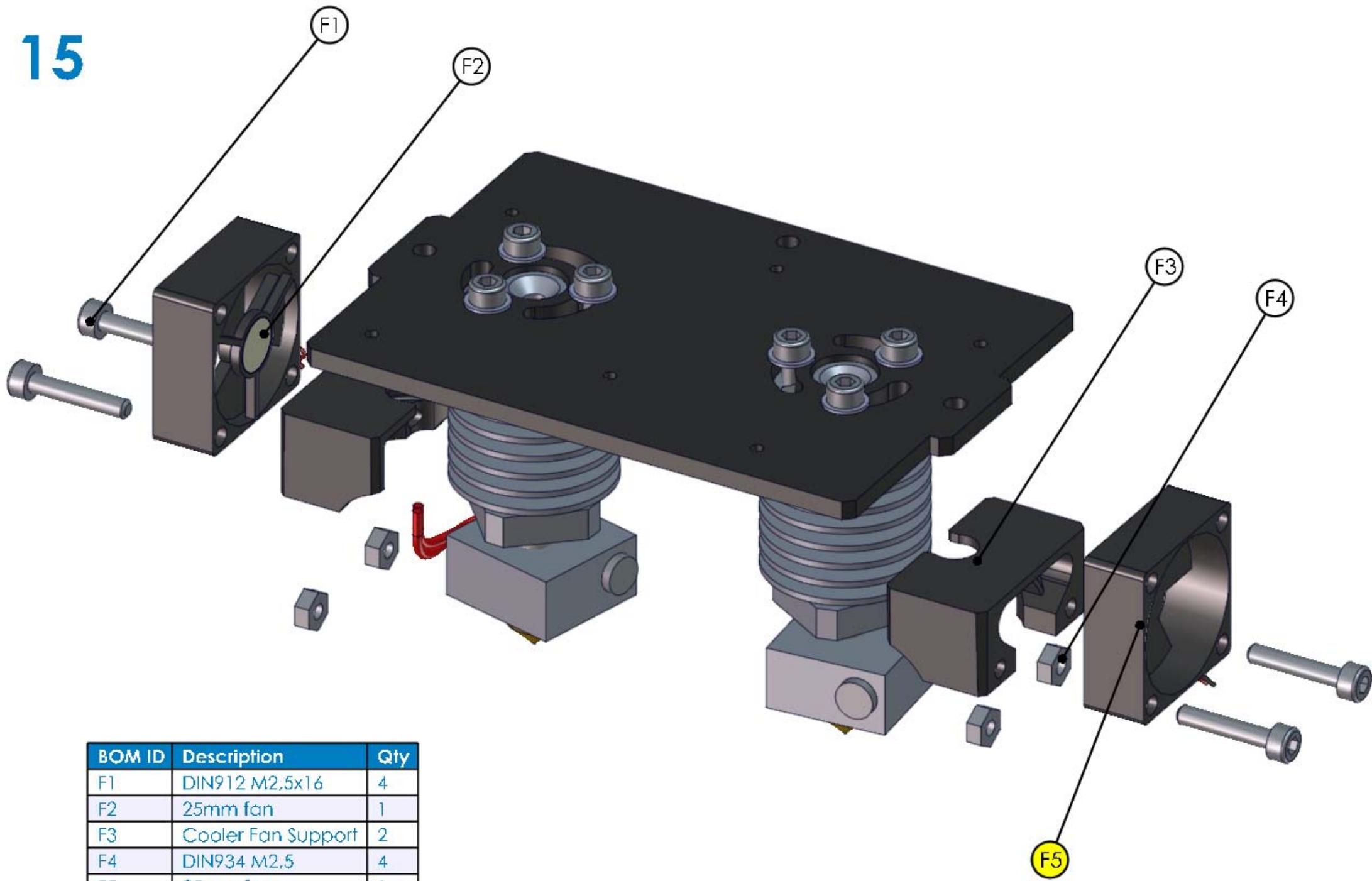


14



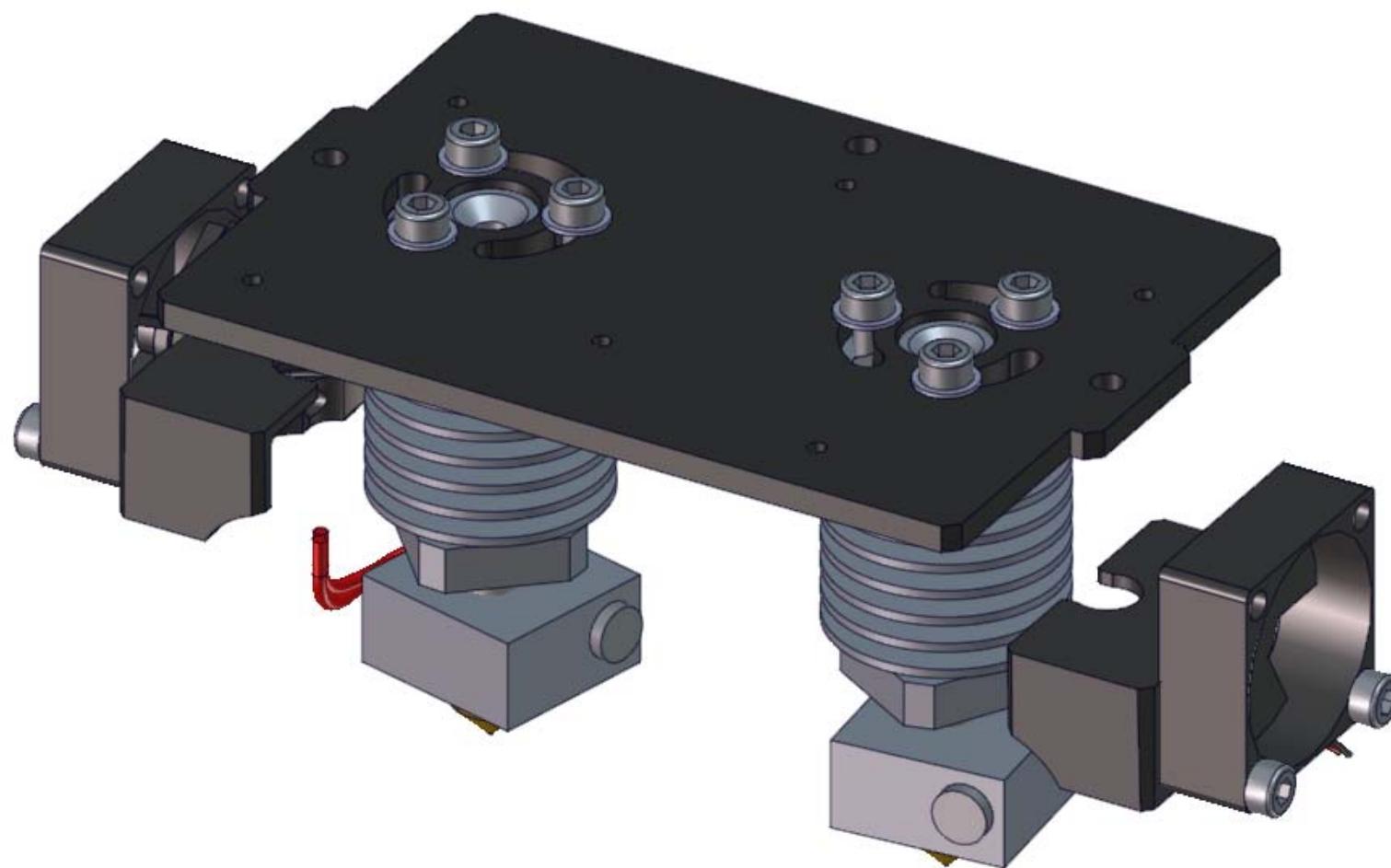
| BOM ID | Description | Qty |
|--------|----------------|-----|
| E1 | DIN912 M3x8 | 6 |
| E2 | DIN125 M3 | 6 |
| E3 | Carriage Sheet | 1 |
| E4 | Spacer | 1 |
| E5 | BC0750022S | 1 |
| E6 | BCNozzle | 1 |
| E7 | BCNozzle | 1 |

15

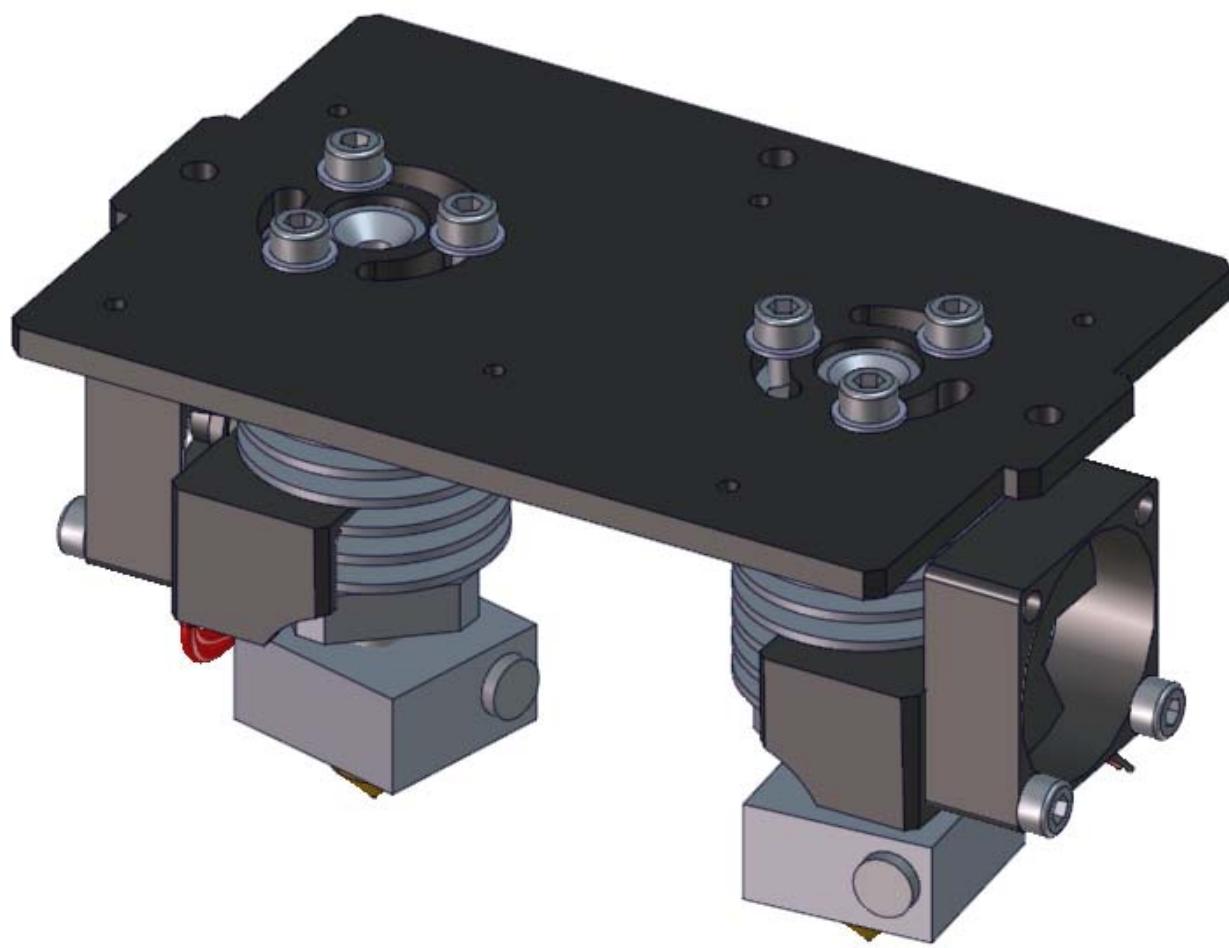


| BOM ID | Description | Qty |
|--------|--------------------|-----|
| F1 | DIN912 M2,5x16 | 4 |
| F2 | 25mm fan | 1 |
| F3 | Cooler Fan Support | 2 |
| F4 | DIN934 M2,5 | 4 |
| F5 | 25mm fan | 1 |

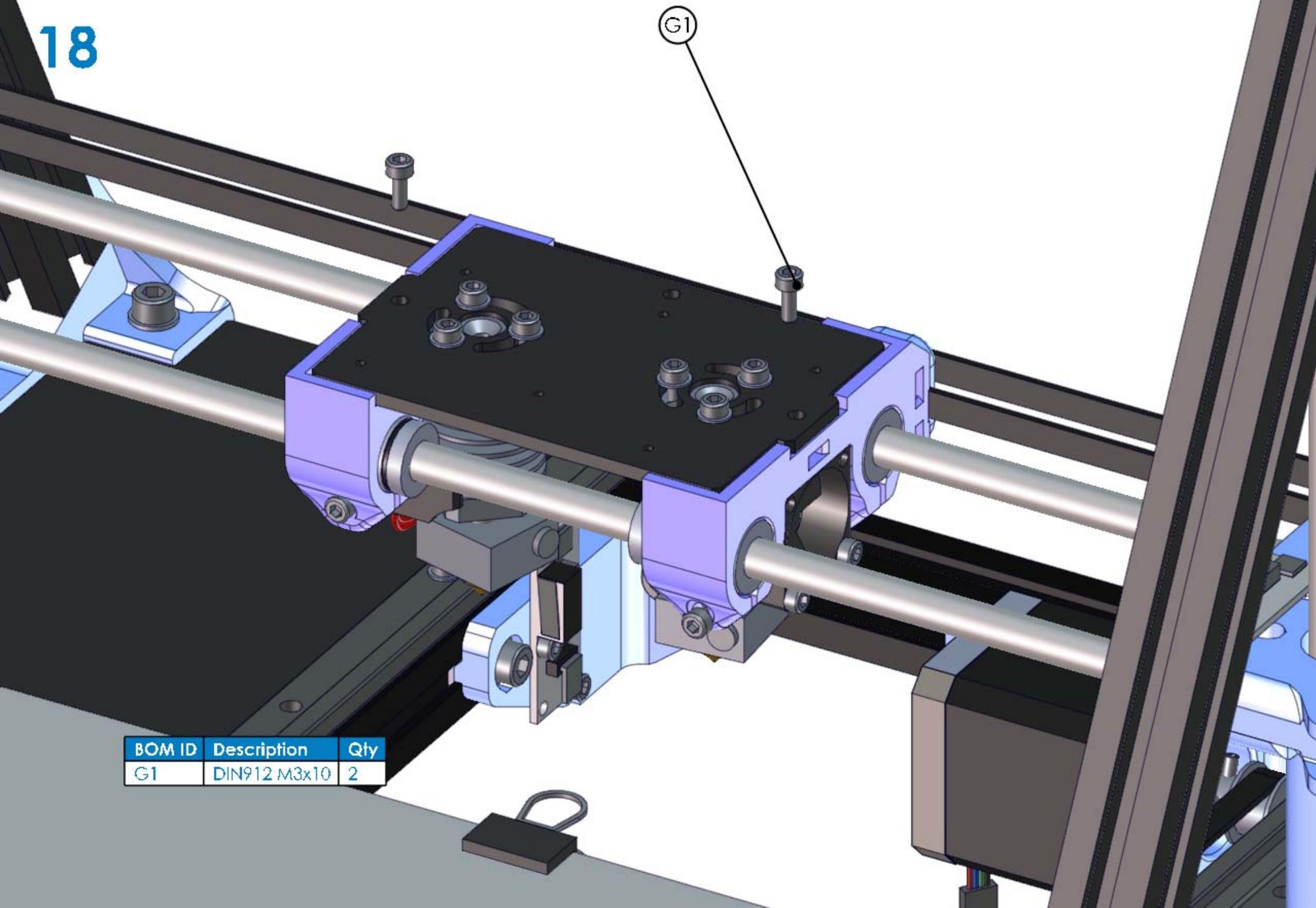
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17

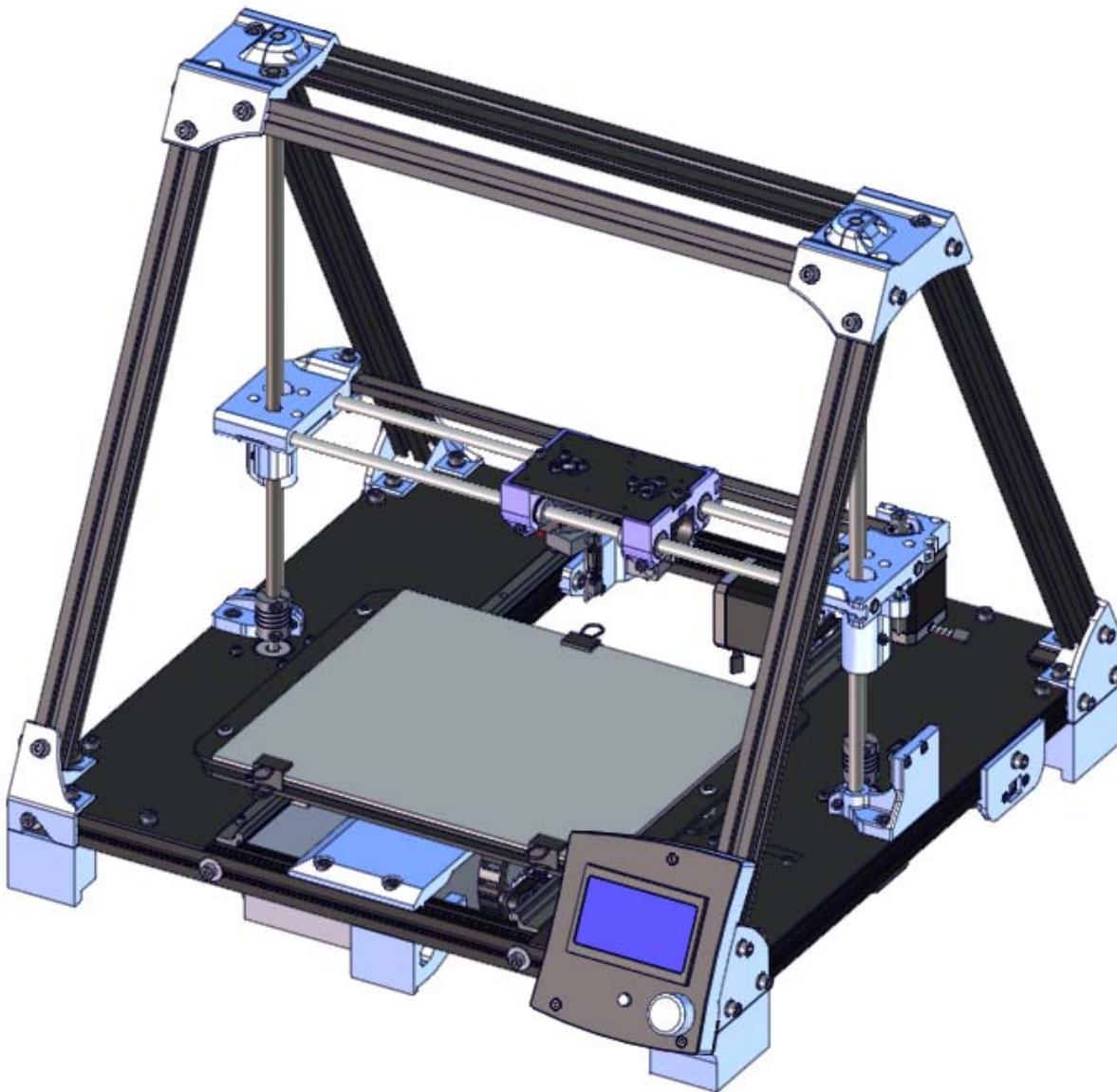


18



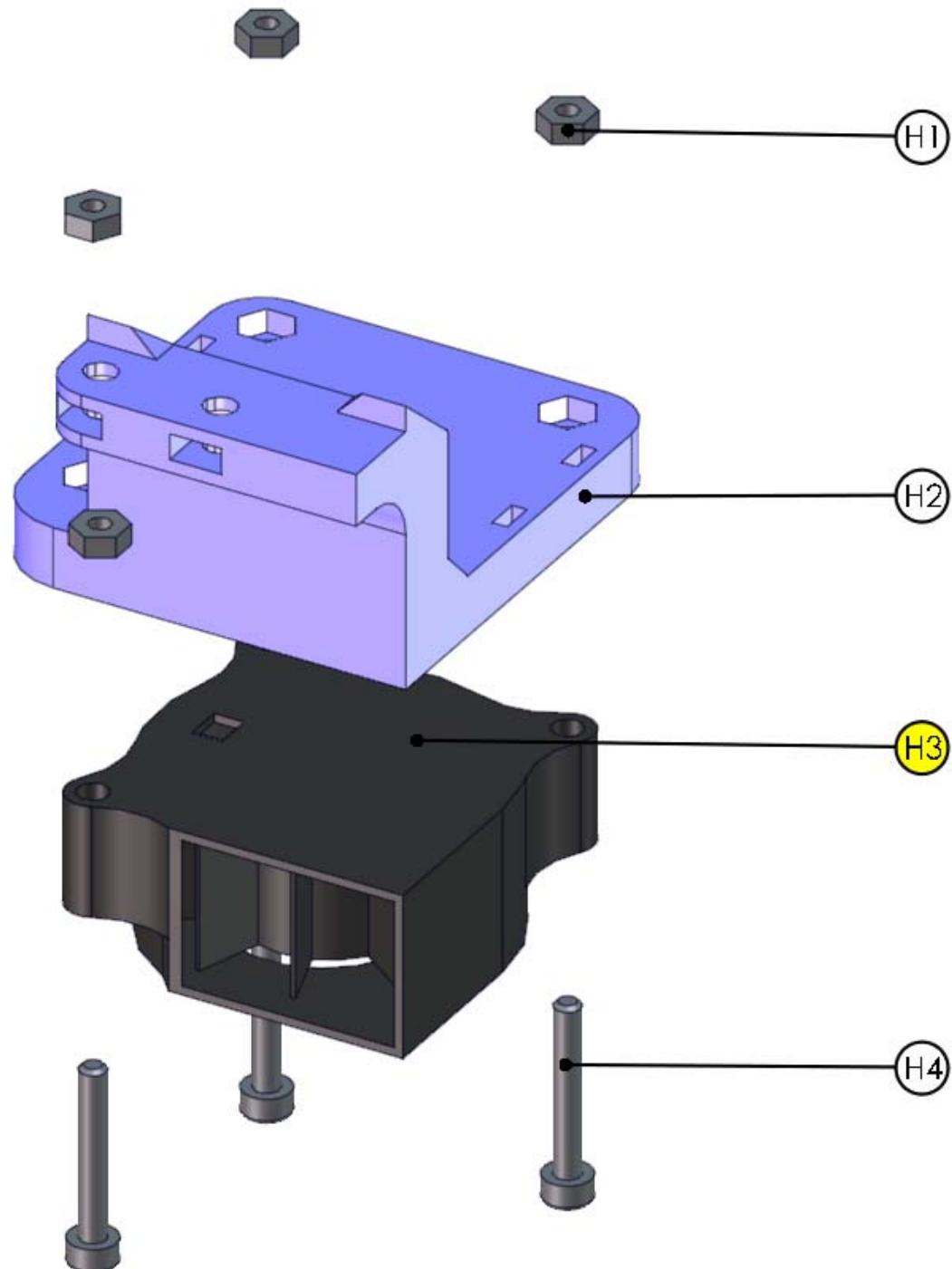
| BOM ID | Description | Qty |
|--------|--------------|-----|
| G1 | DIN912 M3x10 | 2 |

19

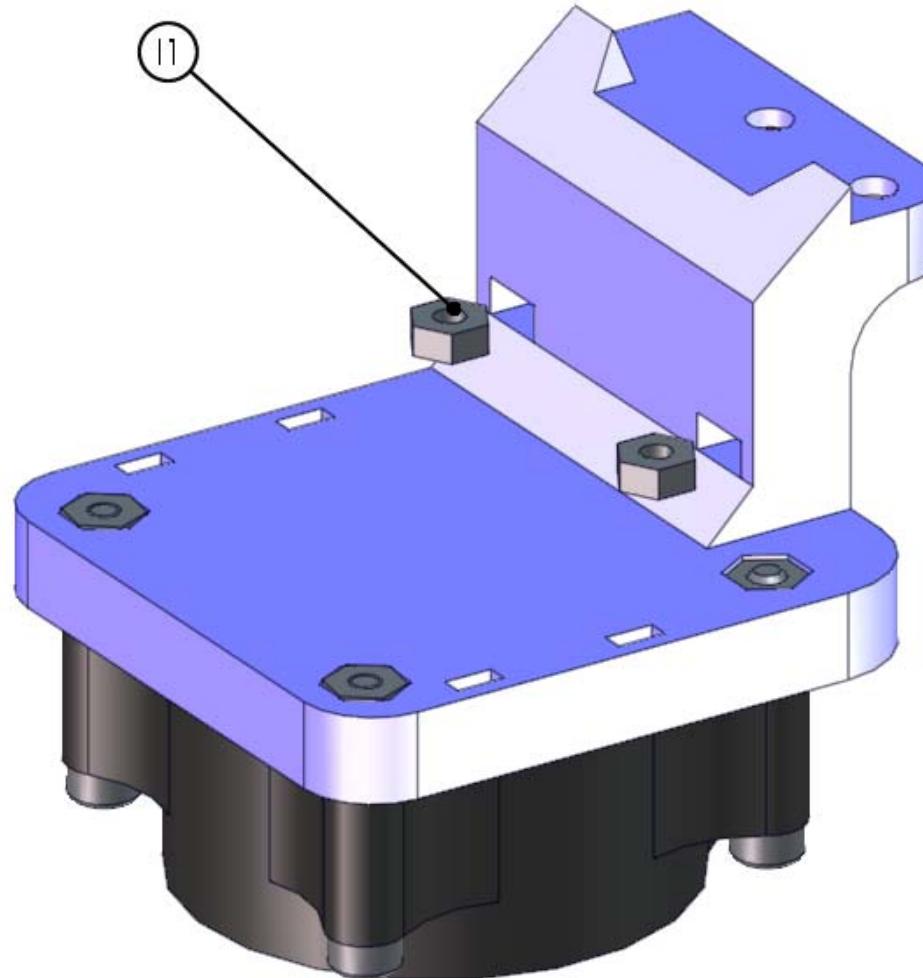


20

| BOM ID | Description | Qty |
|--------|----------------------|-----|
| H1 | DIN934 M3 | 4 |
| H2 | Layer fan support | 1 |
| H3 | Blower Fan 4020S 12V | 1 |
| H4 | DIN912 M3x2 | 3 |



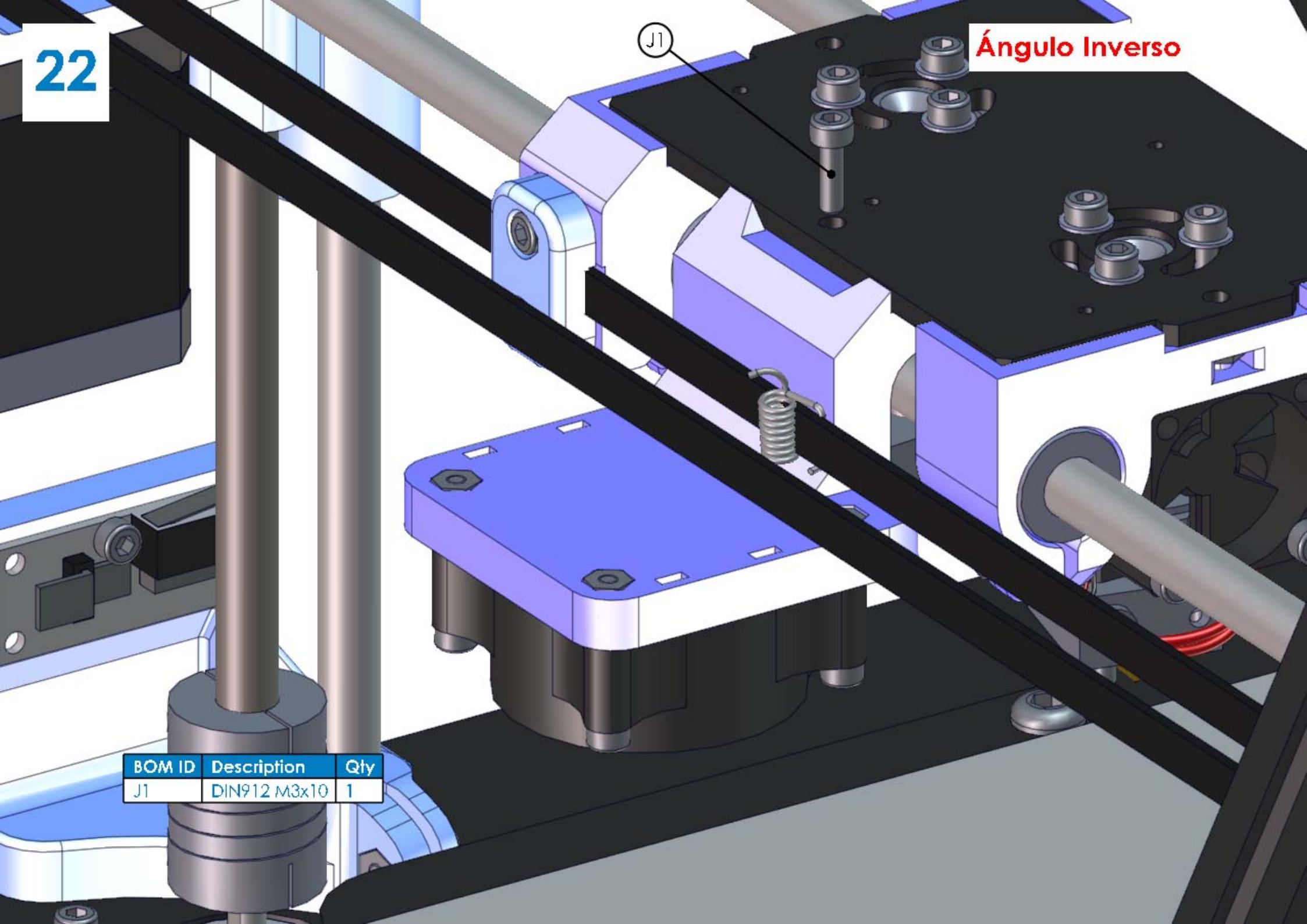
21



| BOM ID | Description | Qty |
|--------|-------------|-----|
| I1 | DIN934 M3 | 2 |

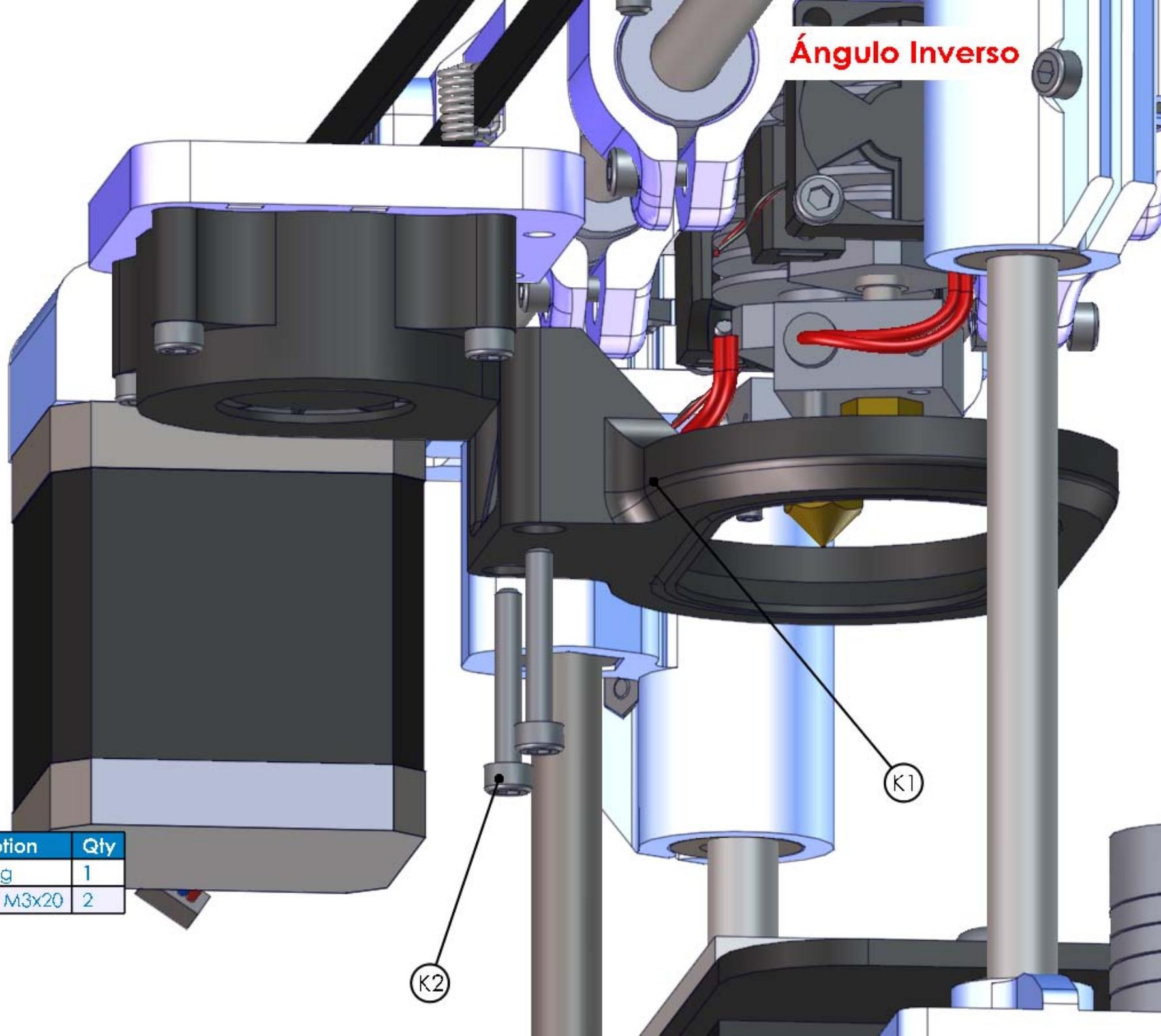
22

Ángulo Inverso

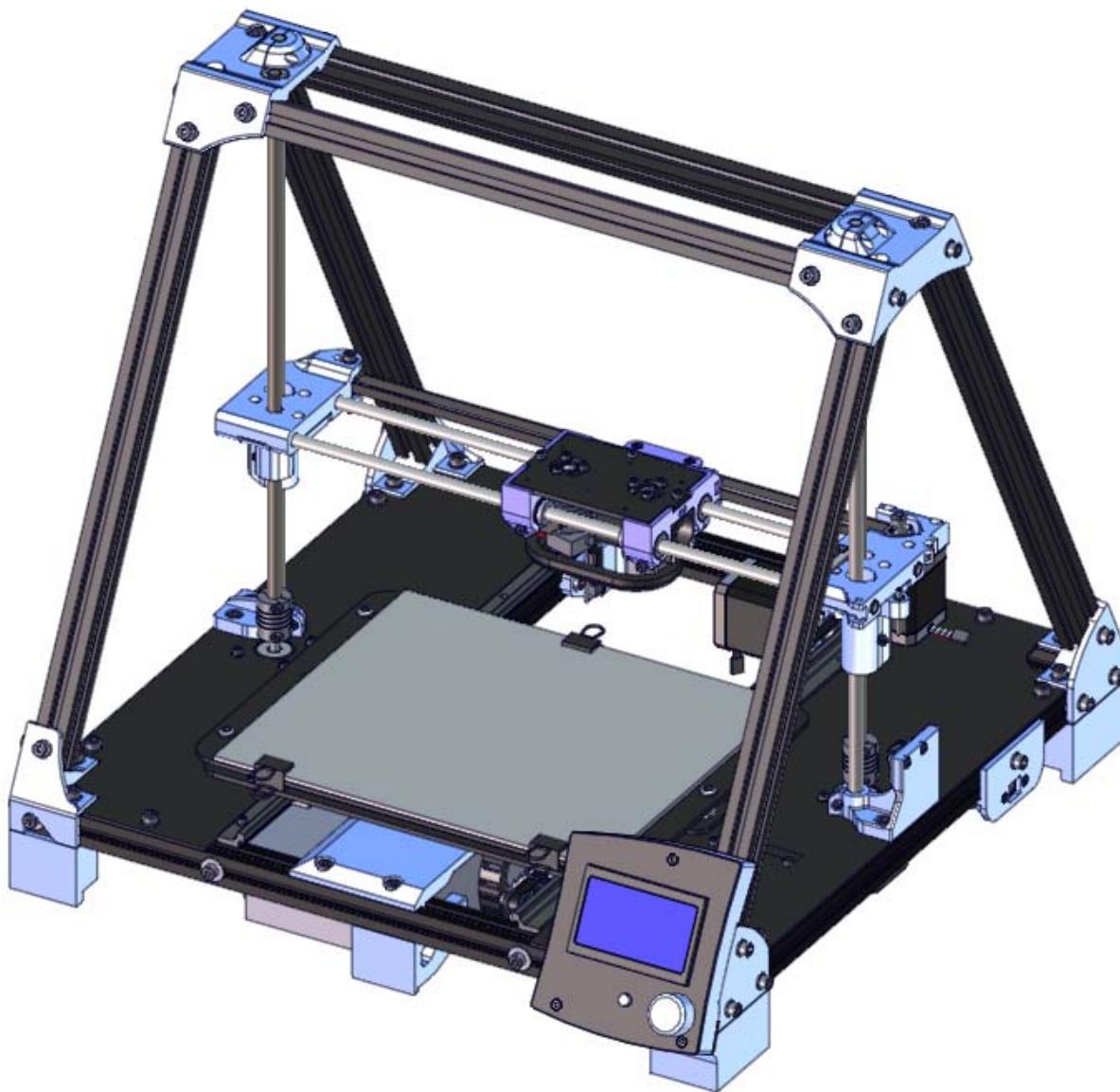


23

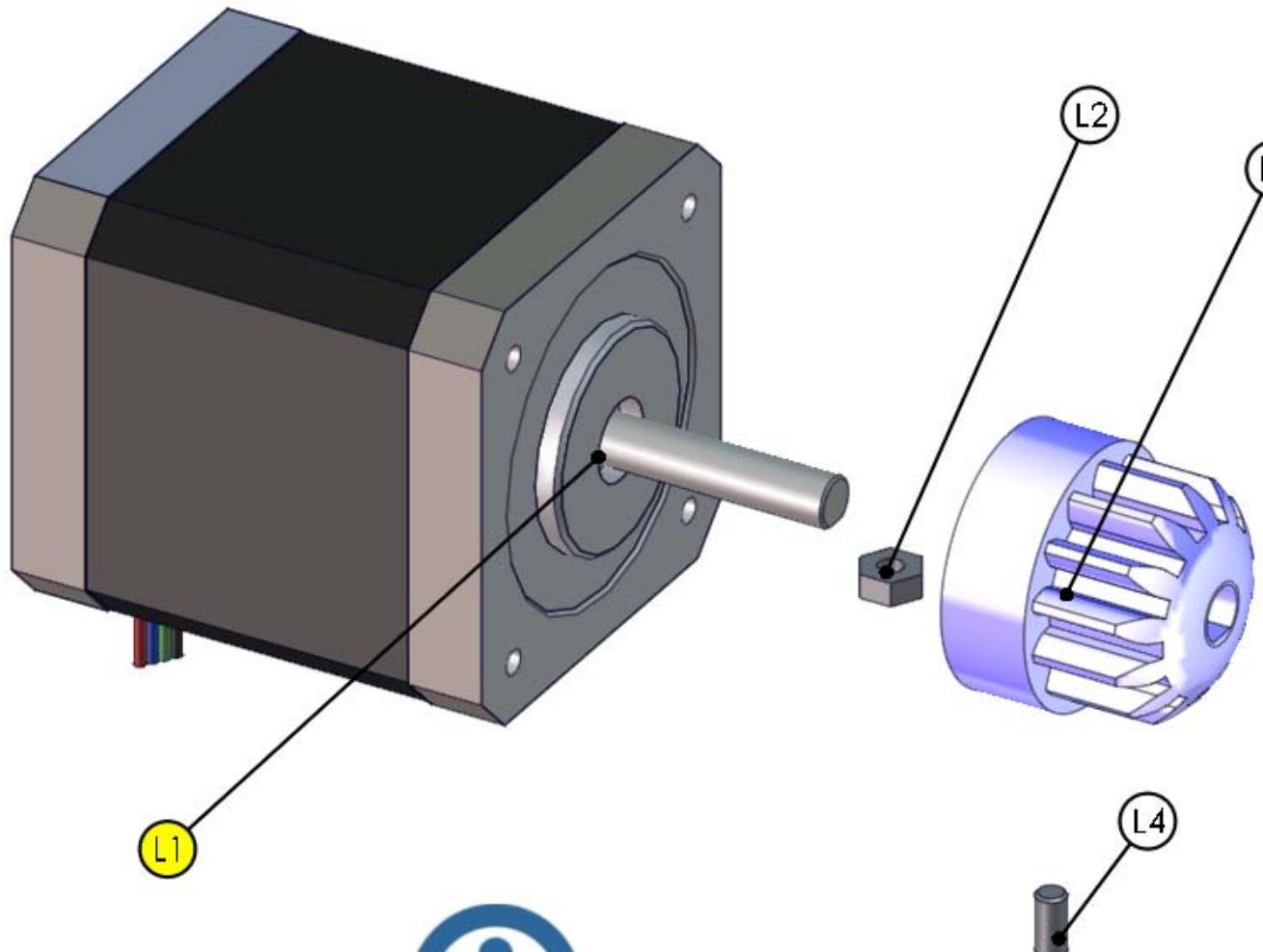
Ángulo Inverso



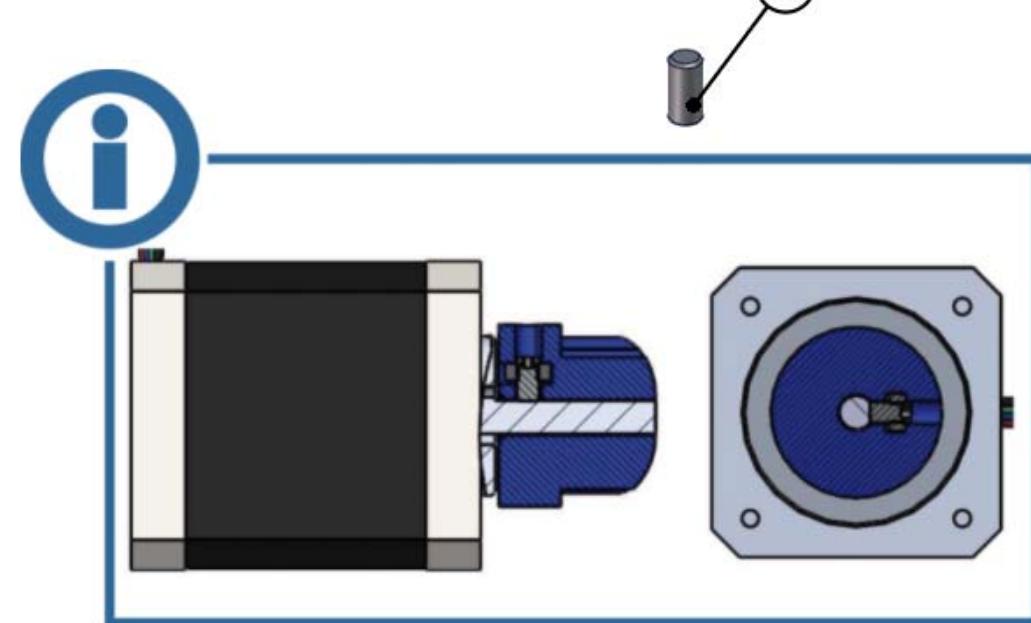
24



25

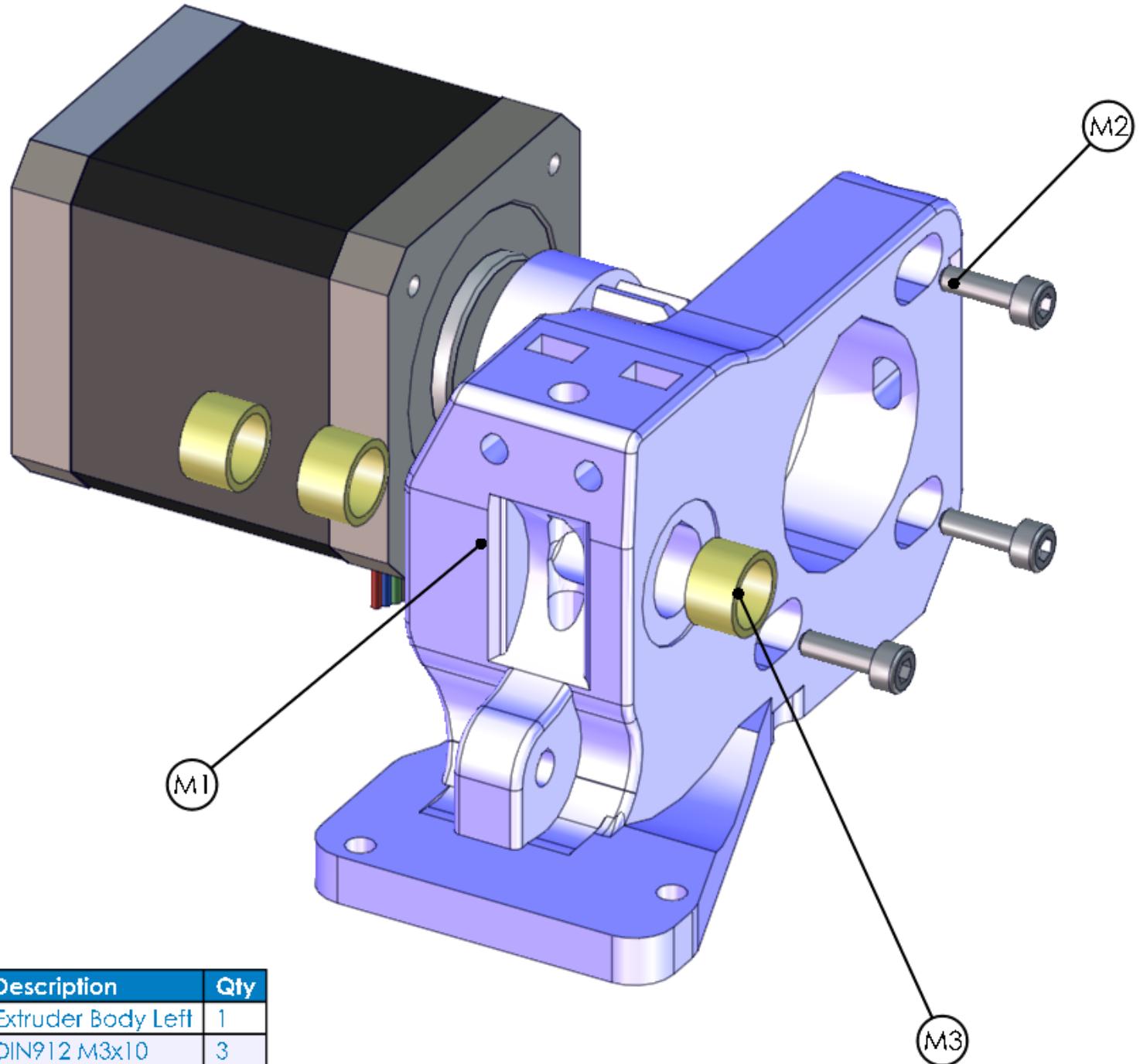


x2



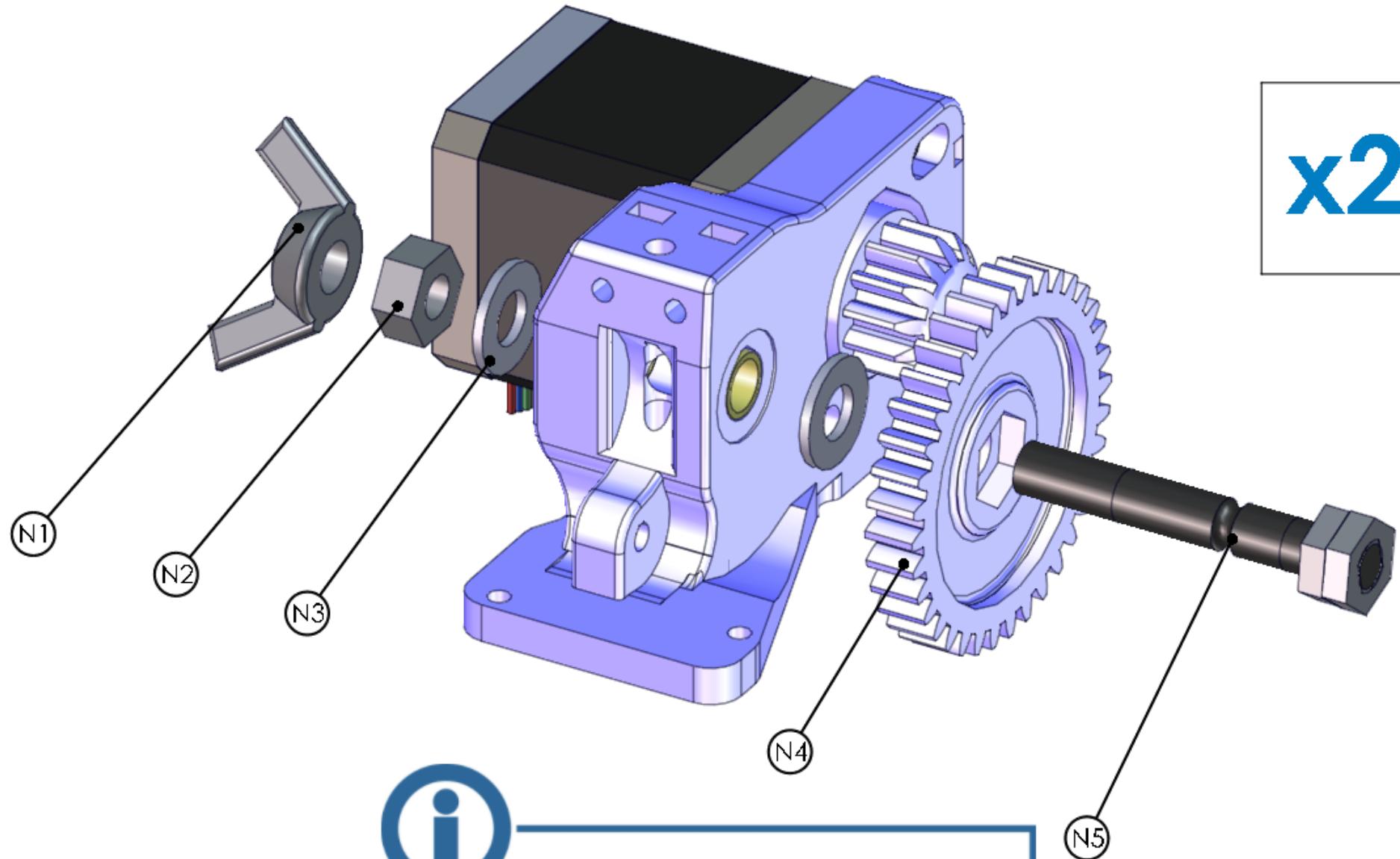
| BOM ID | Description | Qty |
|--------|-------------|-----|
| L1 | Motor | 1 |
| L2 | DIN934 M3 | 1 |
| L3 | Small gear | 1 |
| L4 | DIN913 M3x6 | 1 |

26

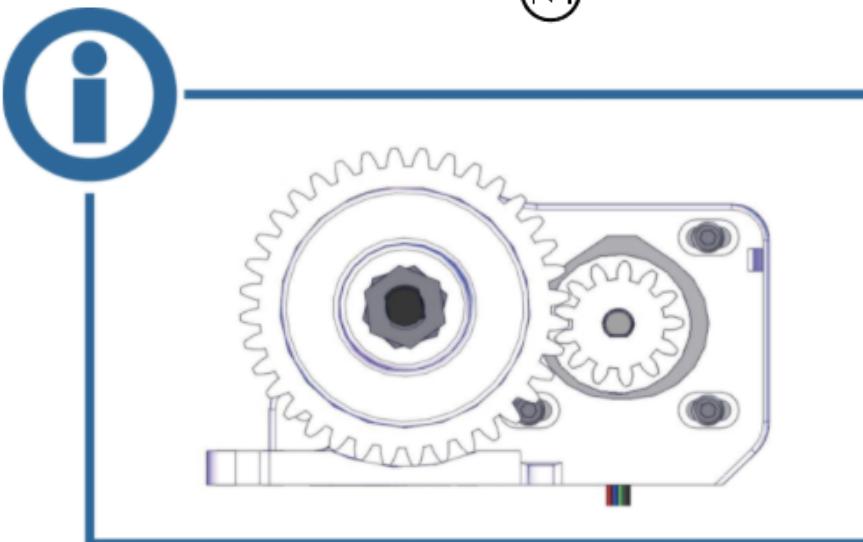


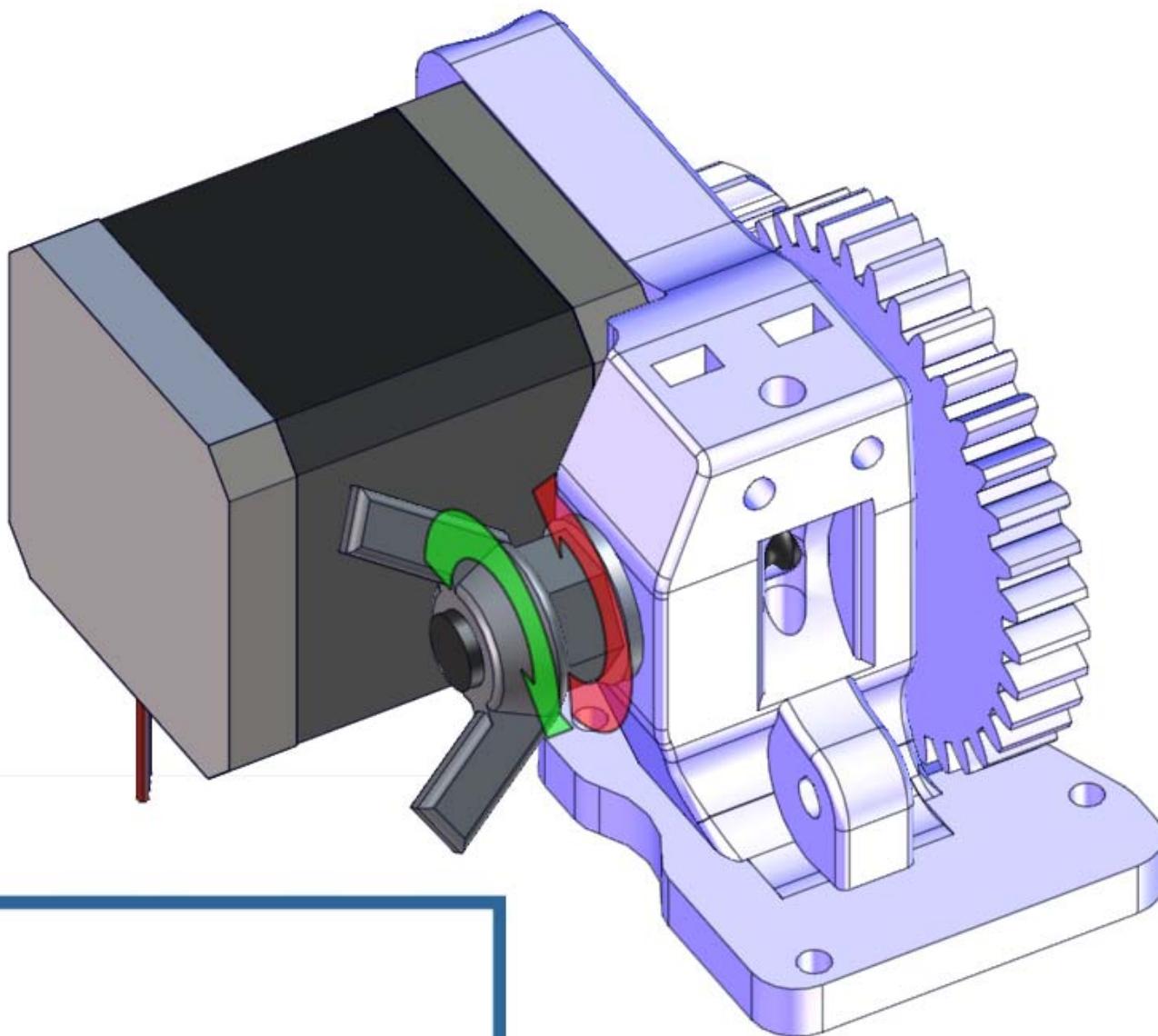
| BOM ID | Description | Qty |
|--------|--------------------|-----|
| M1 | Extruder Body Left | 1 |
| M2 | DIN912 M3x10 | 3 |
| M3 | Bushing | 3 |

x2



| BOM ID | Description | Qty |
|--------|---------------|-----|
| N1 | DIN934 M8 Pal | 1 |
| N2 | DIN934 M8 | 1 |
| N3 | DIN125 M8 | 2 |
| N4 | Large gear | 1 |
| N5 | Hobbed Bolt | 1 |

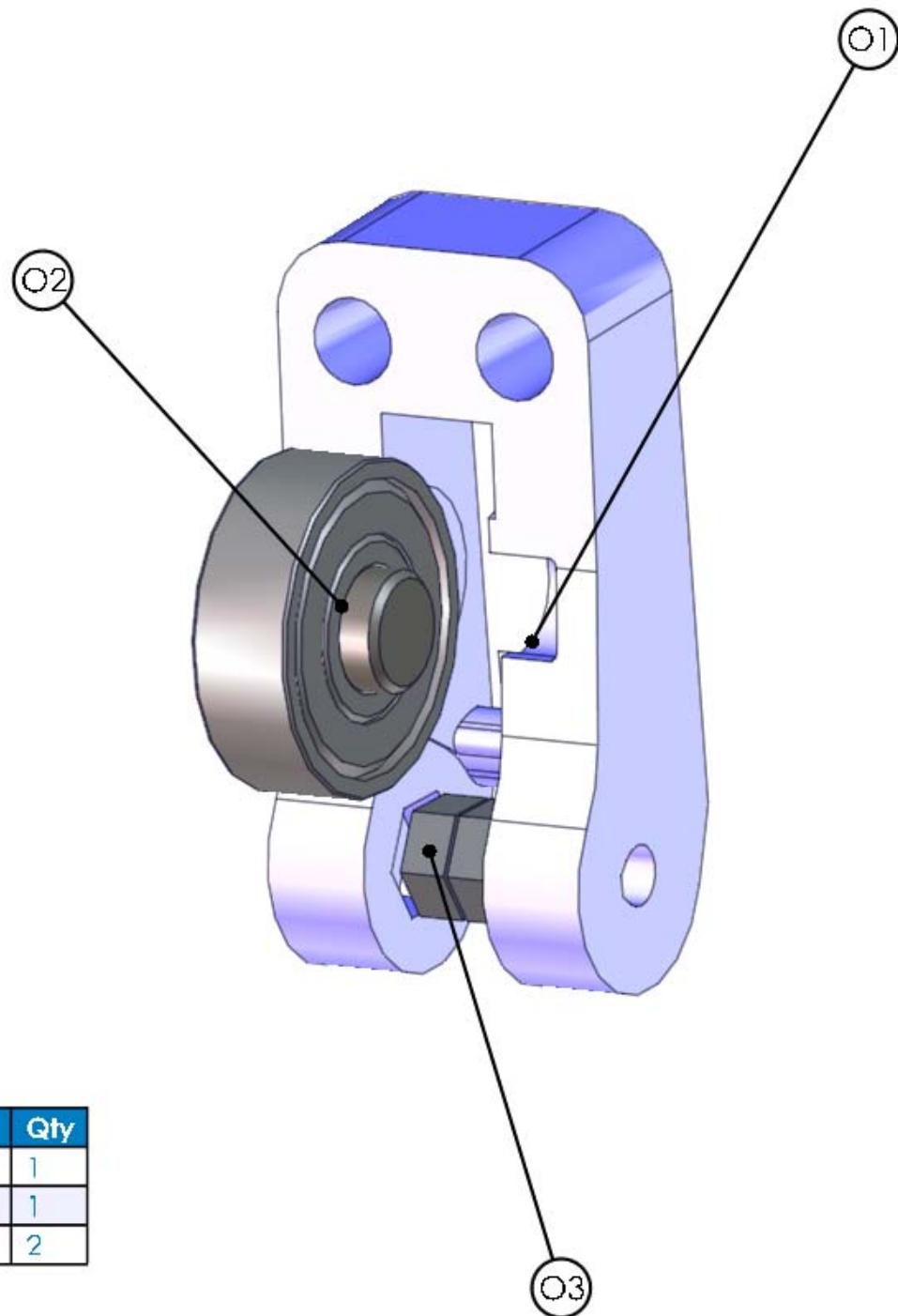




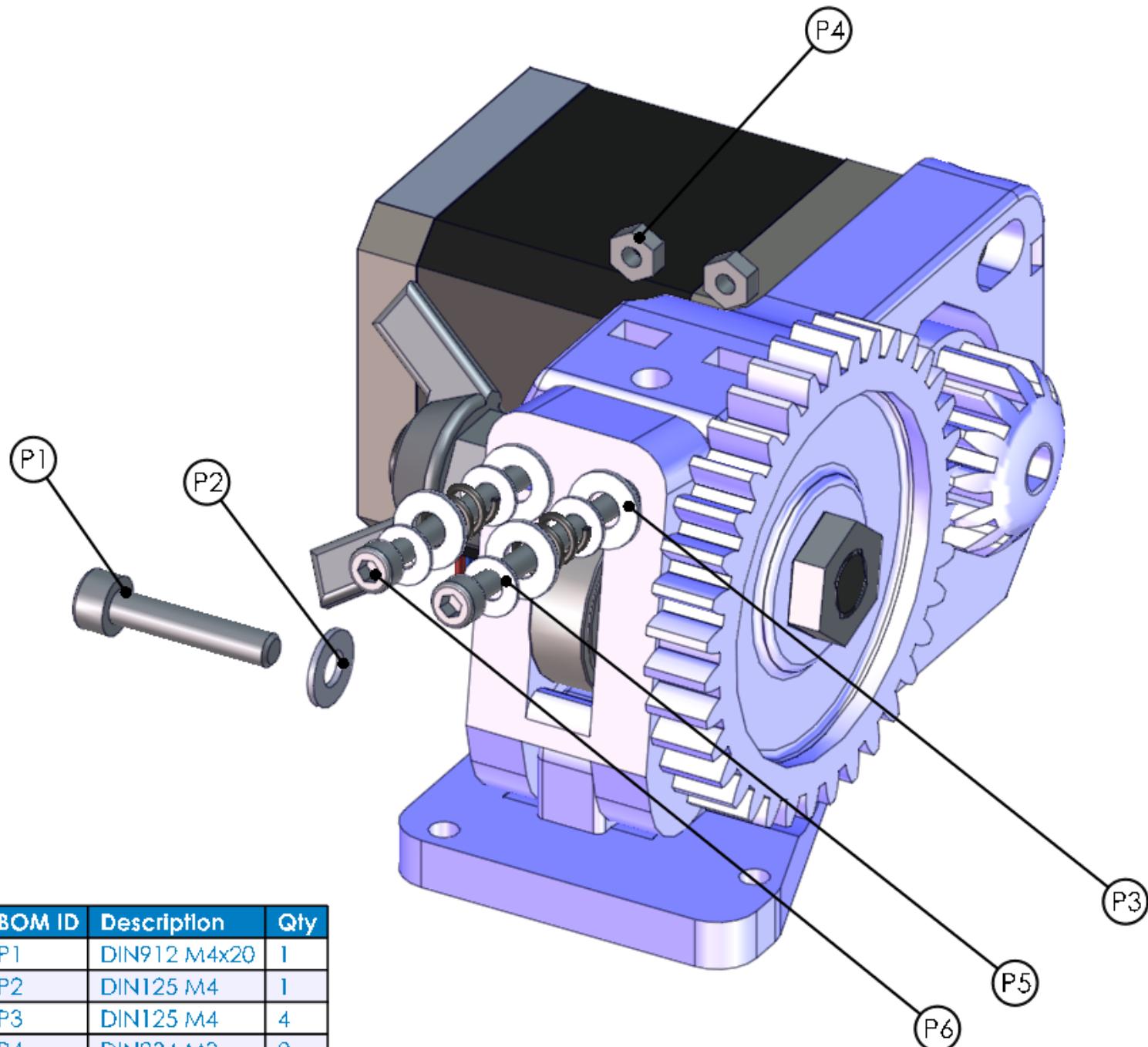
Entrar la tuerca hasta que el eje gire bien y sin juego. A continuación, entrar la palomilla. Manteniendo la tuerca fija con una llave, apretar la palomilla. Comprobar que el eje gira suavemente.

29

x2

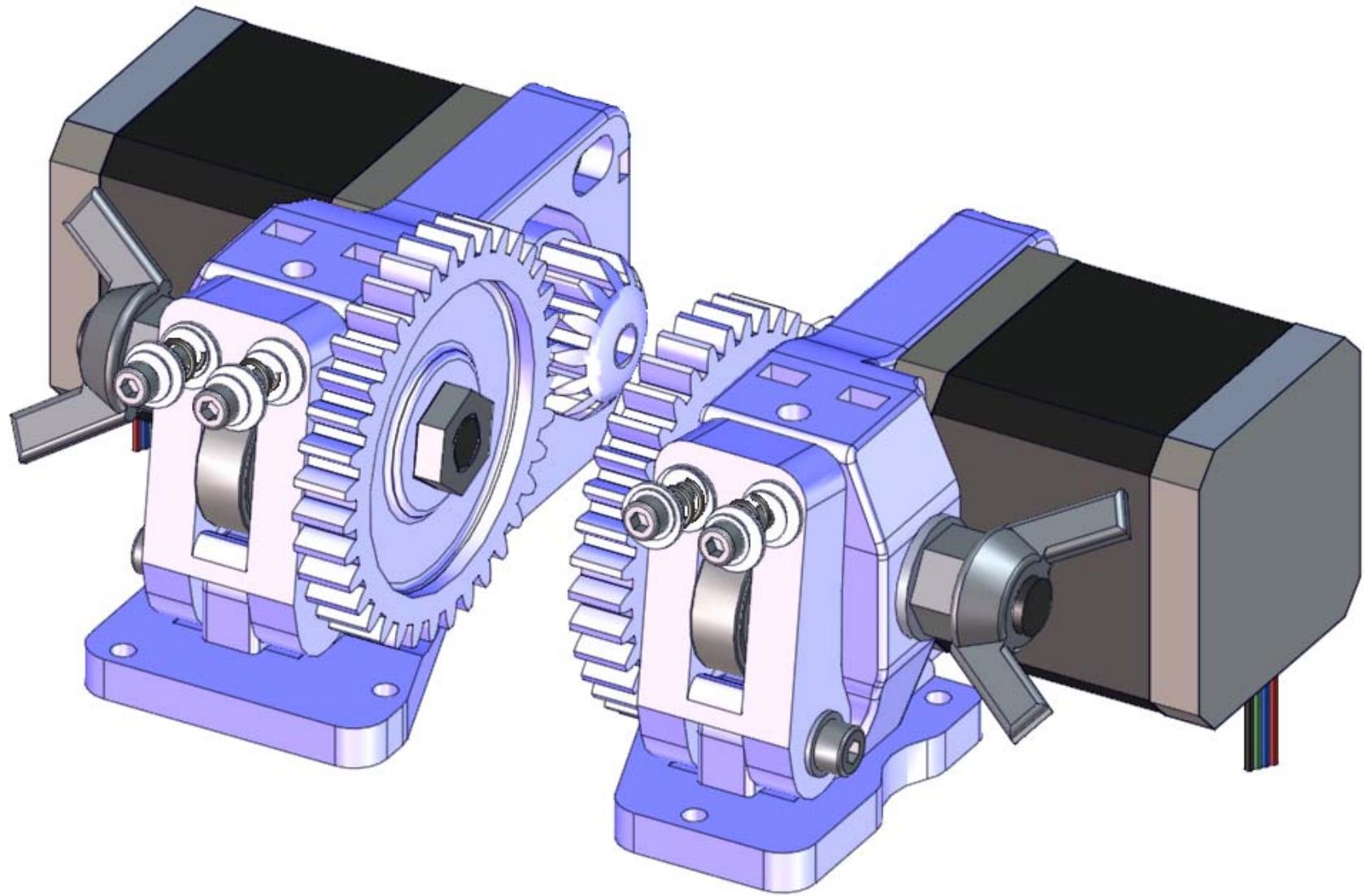


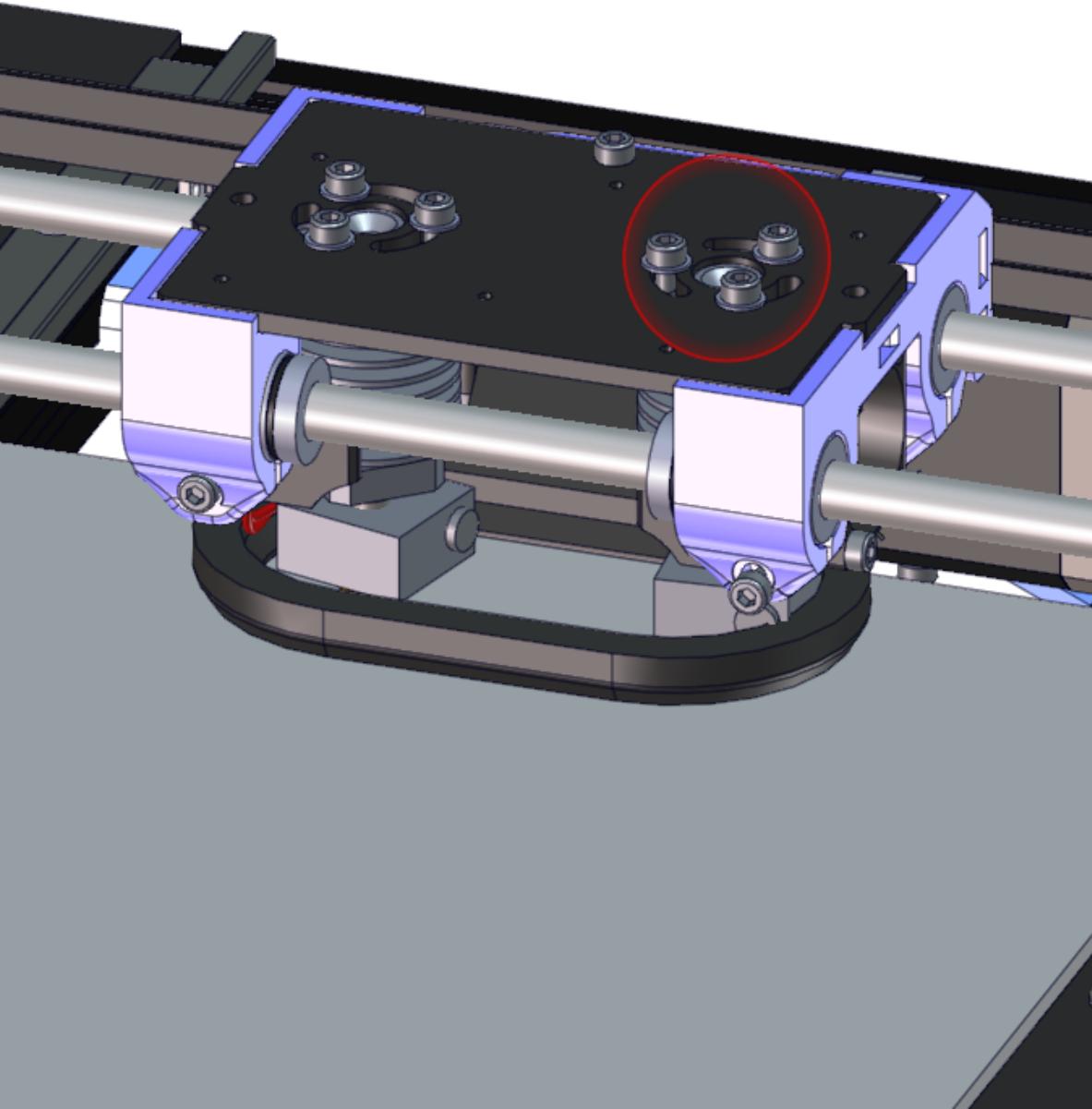
| BOM ID | Description | Qty |
|--------|----------------------|-----|
| O1 | Extruder idler | 1 |
| O2 | 608ZZ Radial bearing | 1 |
| O3 | DIN934 M4 | 2 |



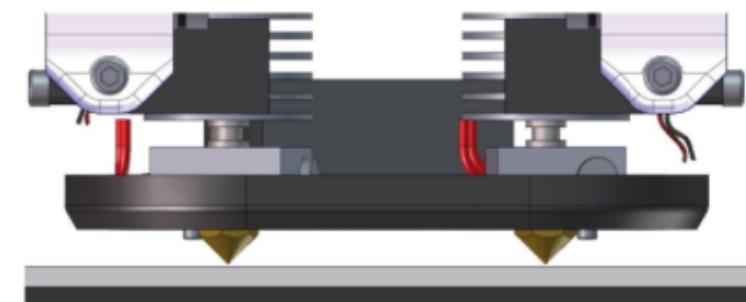
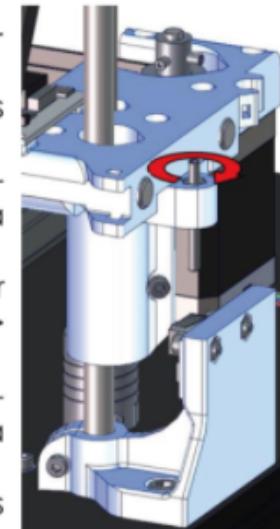
| BOM ID | Description | Qty |
|--------|--------------|-----|
| P1 | DIN912 M4x20 | 1 |
| P2 | DIN125 M4 | 1 |
| P3 | DIN125 M4 | 4 |
| P4 | DIN934 M3 | 2 |
| P5 | DIN125 M3 | 4 |
| P6 | DIN912 M3x40 | 2 |

31

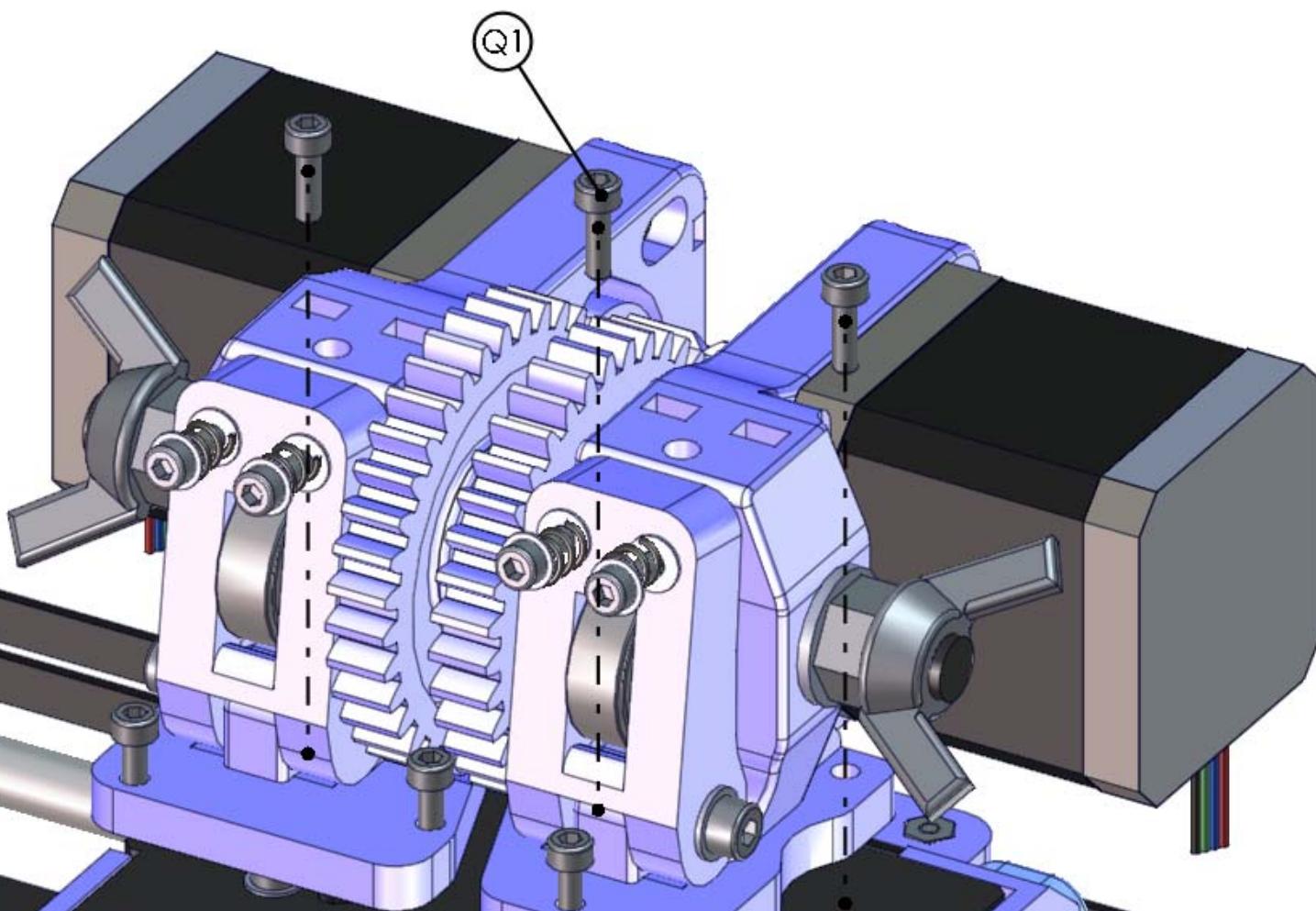




- 1) Asegurarse de que la BCN3D+ está apagada
- 2) Conectar cualquiera de los dos BCNozzle
- 3) Dar 2 vueltas completas en sentido horario al pasador que acciona el endstop del eje Z.
- 4) Encender la máquina y hacer Auto Home (Menu -> Prepare -> Auto Home)
- 5) Afinar la calibración de la máquina tomando como referencia la boquilla izquierda.
- 6) Apretar o aflojar los tres tornillos que sujetan el BCNozzle derecho con el Carriage Sheet (resaltados con el círculo rojo) hasta lograr que haya la misma distancia entre el cristal y ambas boquillas.
- 7) Comprobar con un papel doblado por la mitad en diversos puntos de la cama.
- 8) Desconectar el BCNozzle y apagar BCN3D+

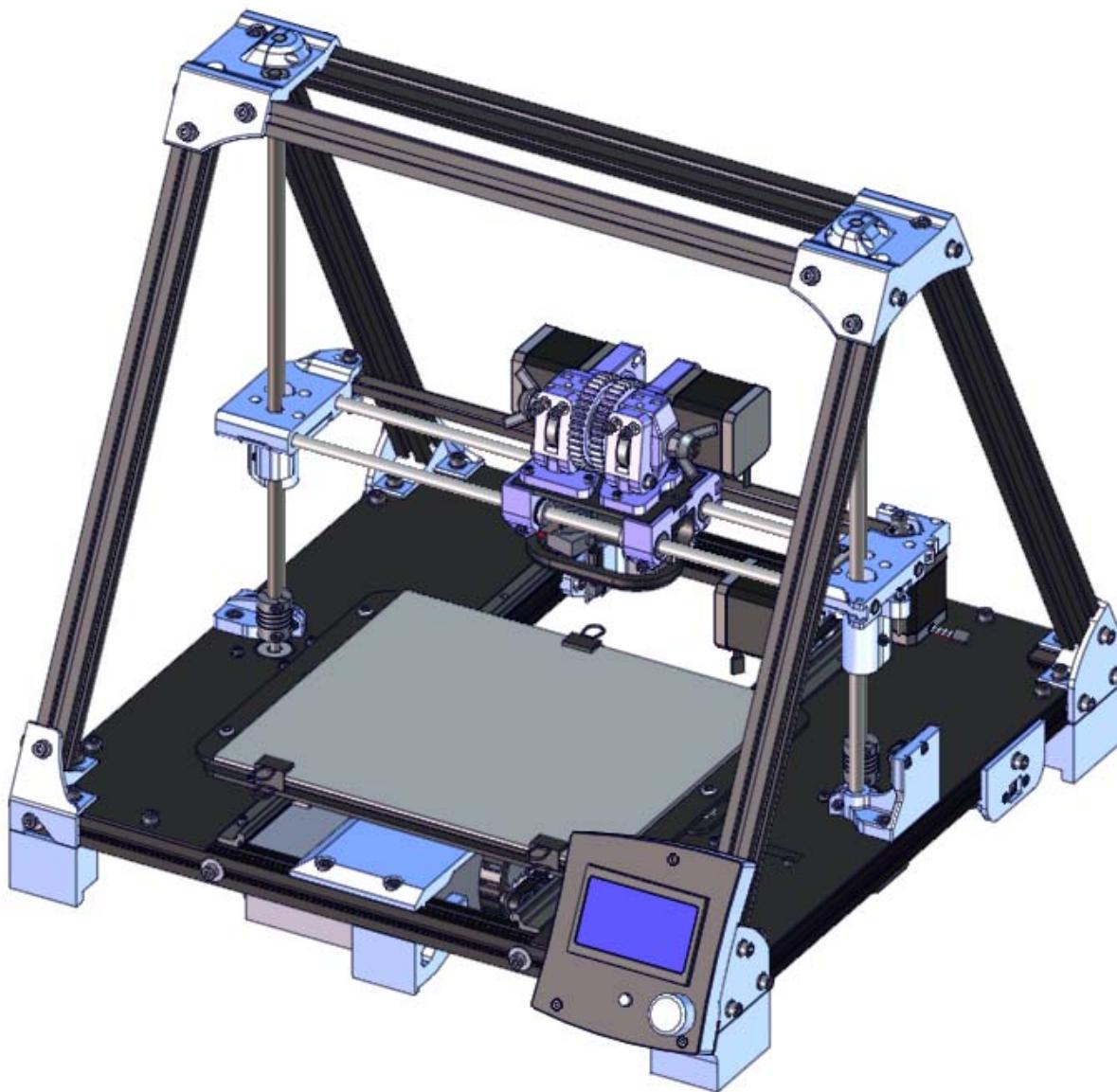


33

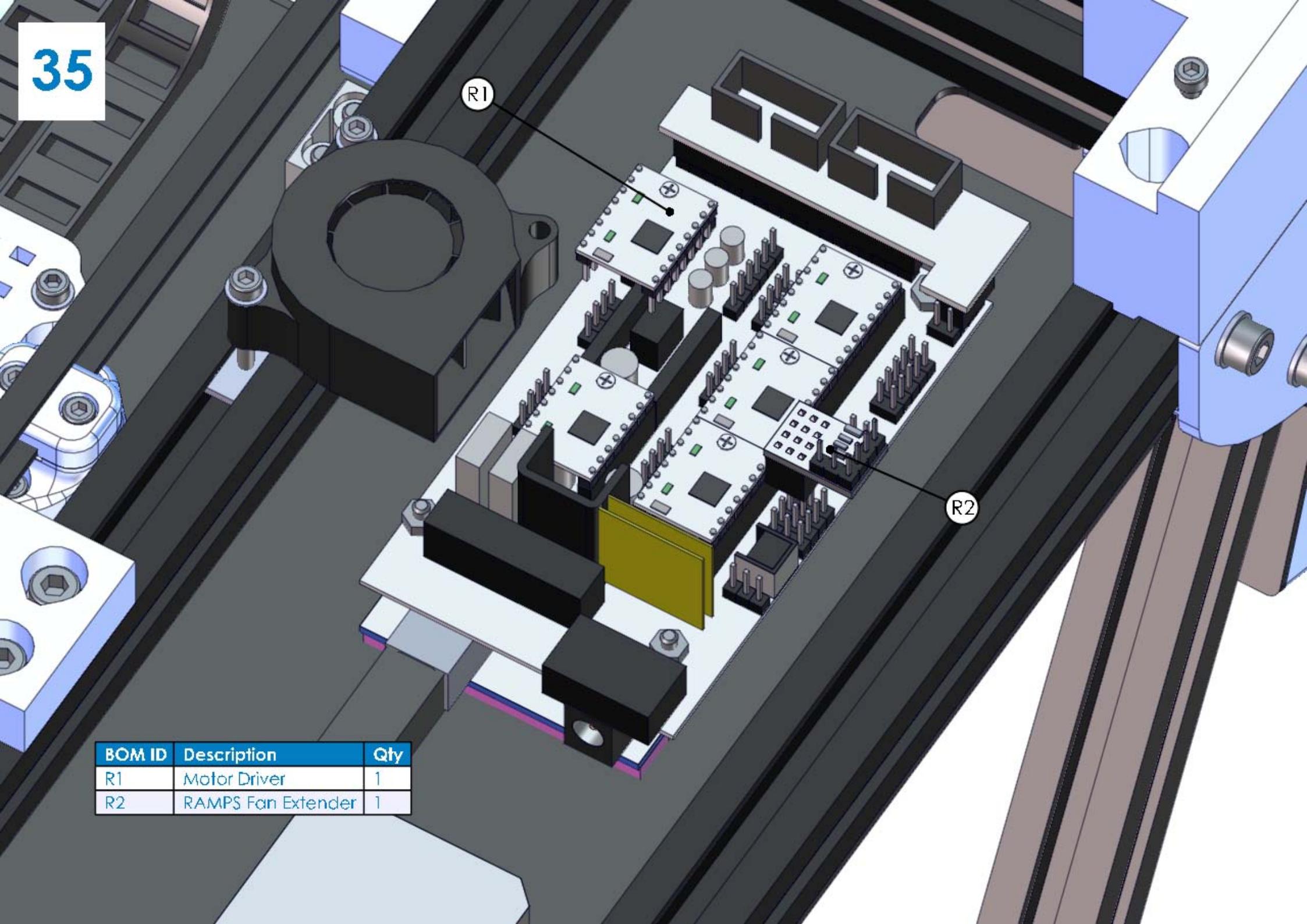


| BOM ID | Description | Qty |
|--------|--------------|-----|
| Q1 | DIN912 M3x10 | 6 |

34

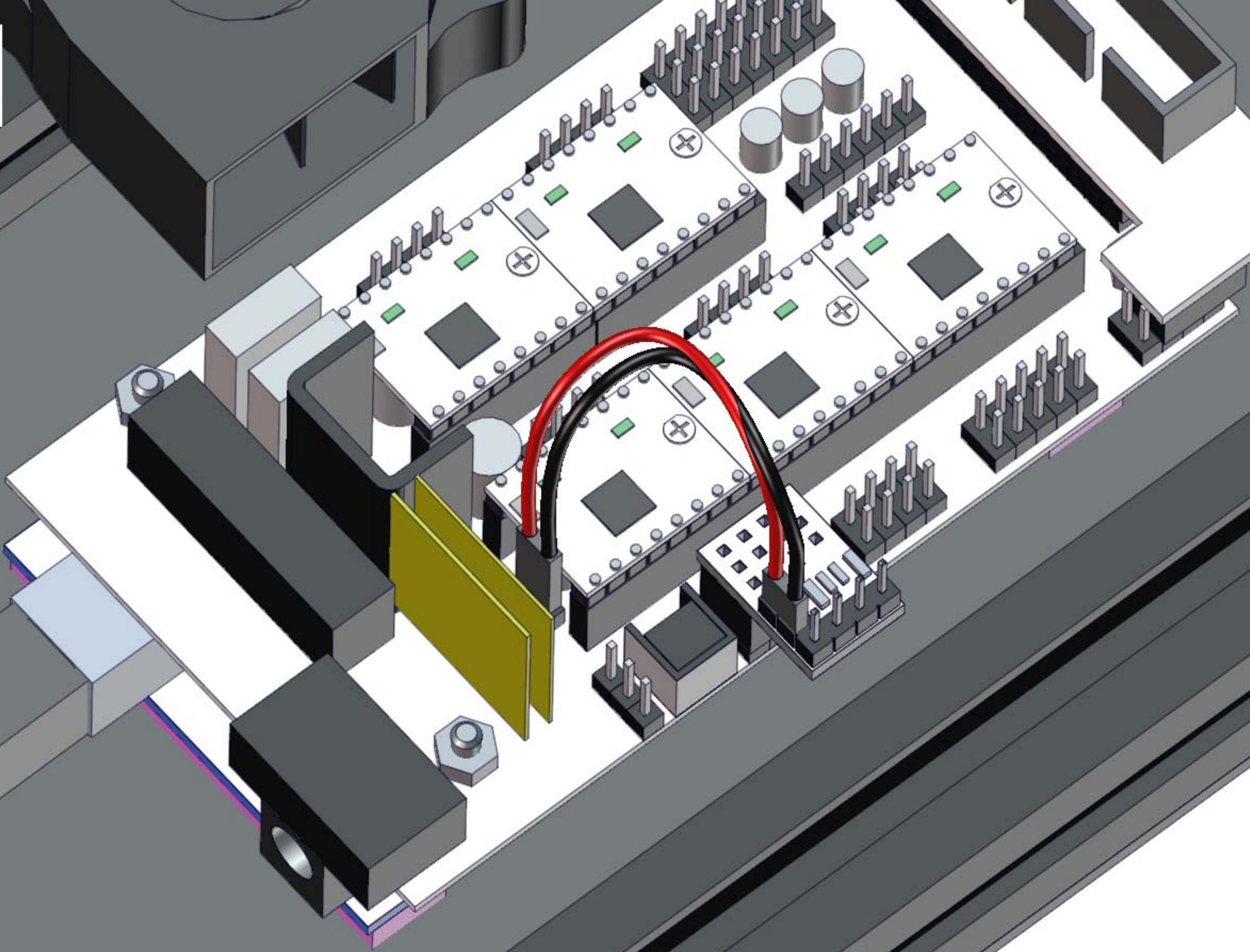


35

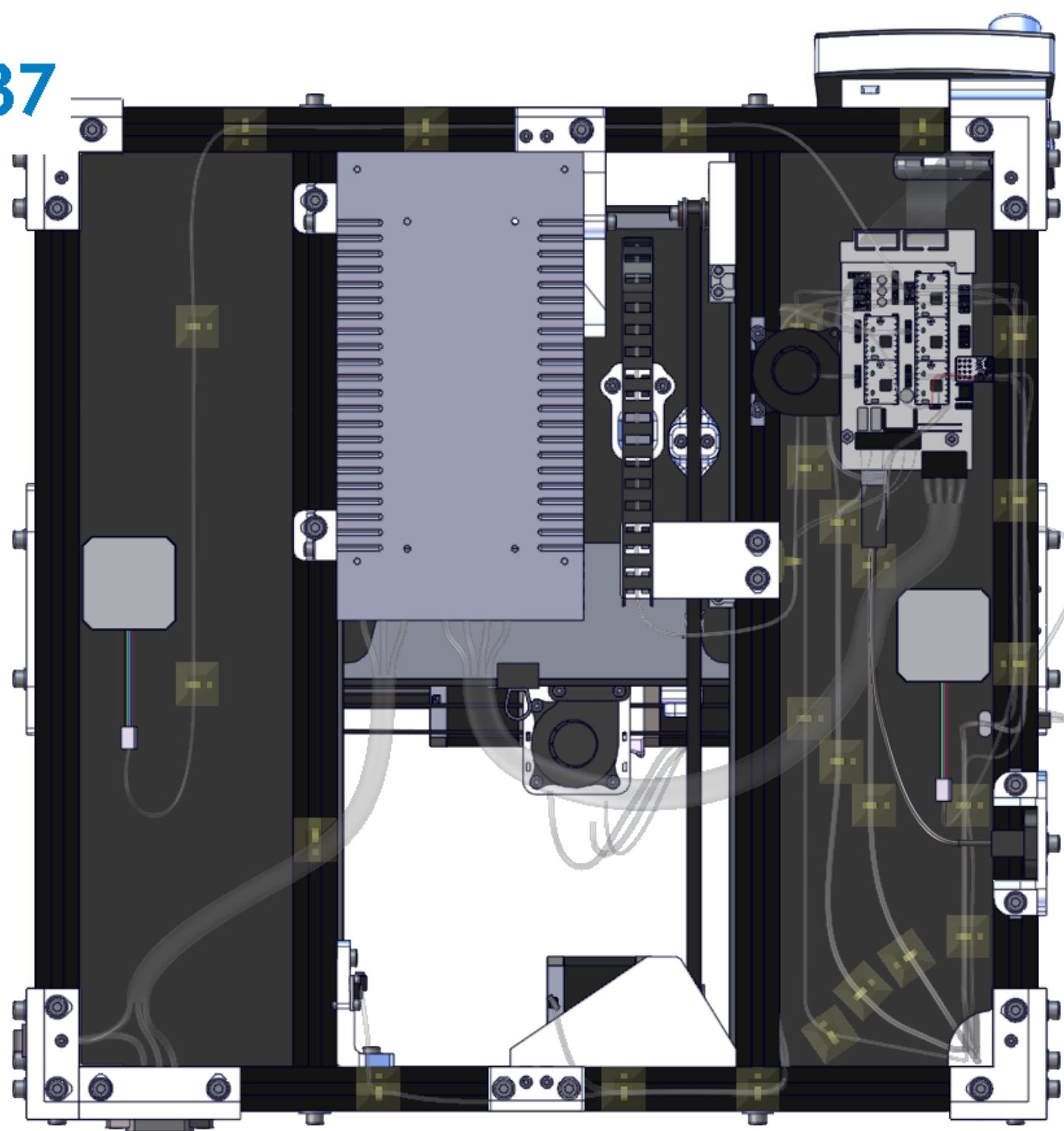


| BOM ID | Description | Qty |
|--------|--------------------|-----|
| R1 | Motor Driver | 1 |
| R2 | RAMPS Fan Extender | 1 |

36



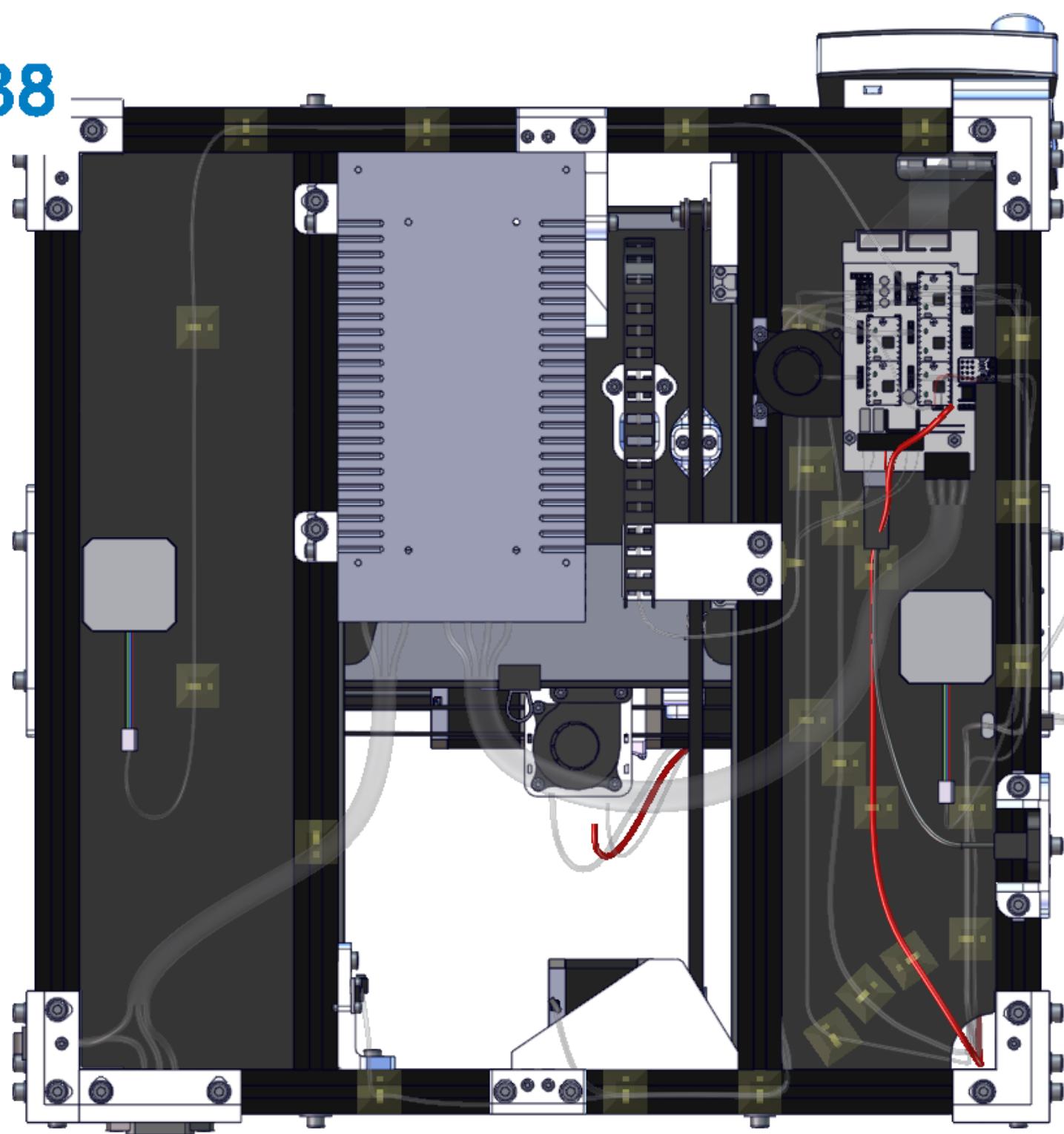
37



WIRING

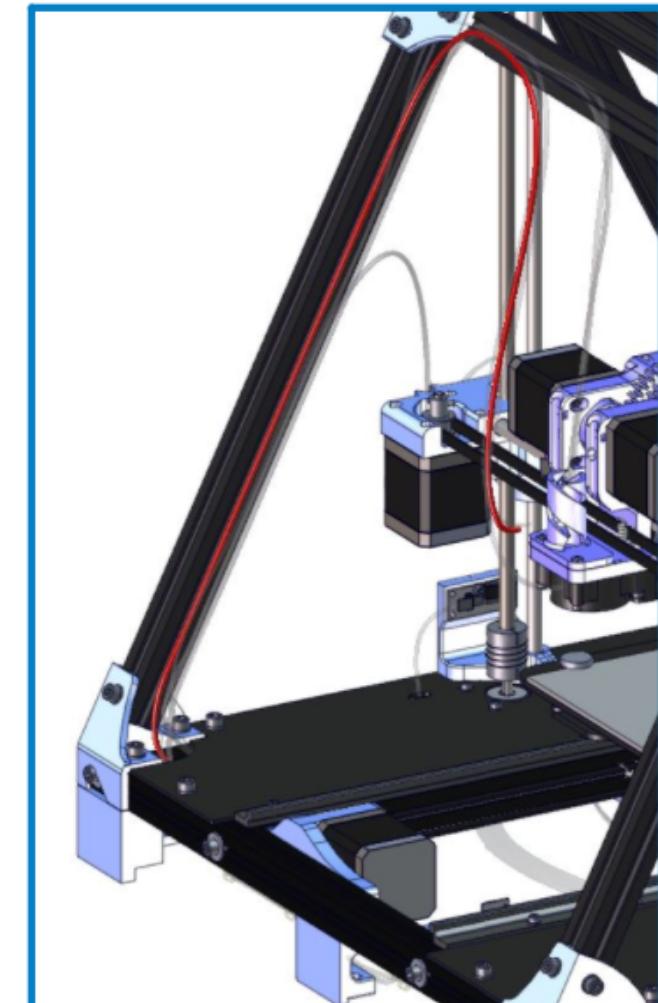
Estado actual

38

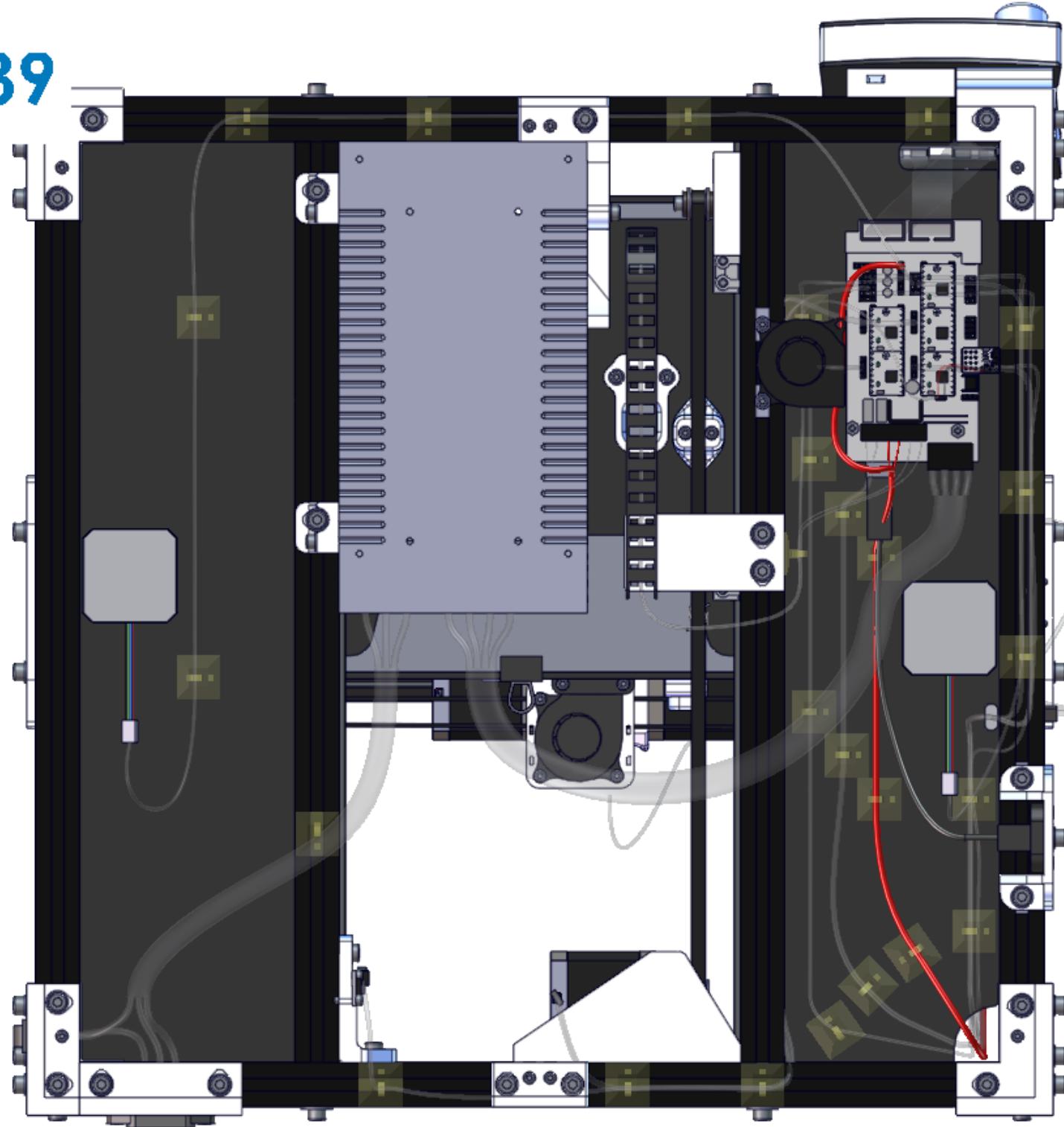


WIRING

1. Retirar cables del Cooler Fan y del Layer Fan

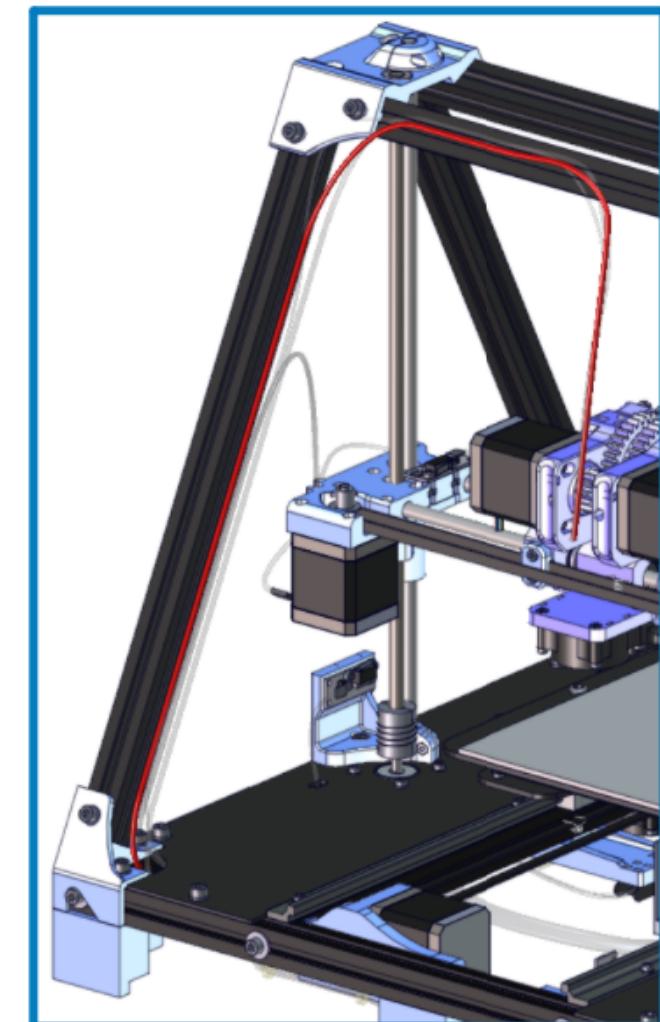


39



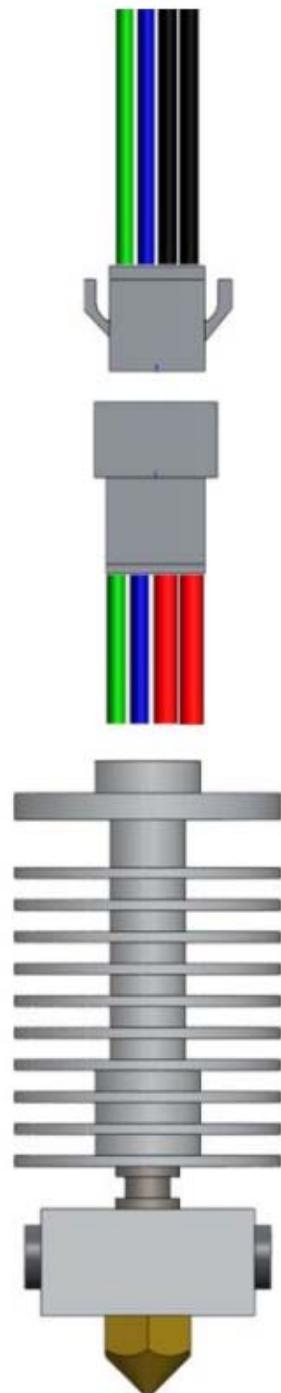
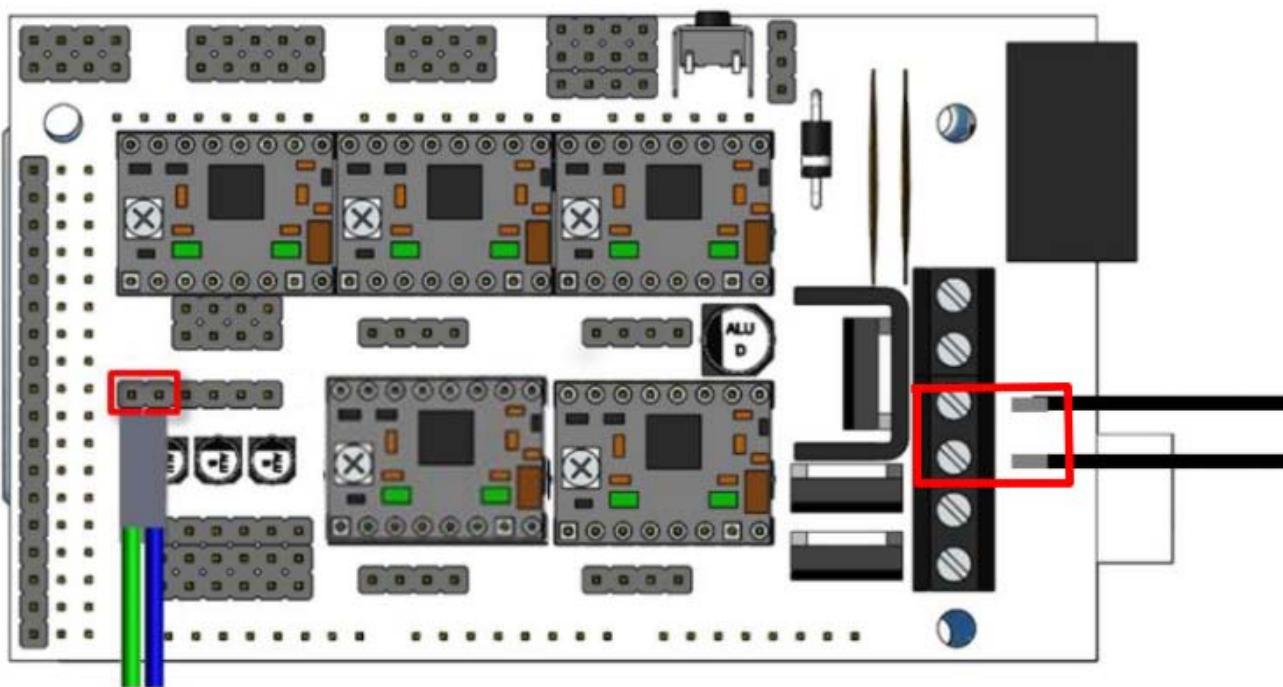
WIRING

2. Añadir Hot End Extender

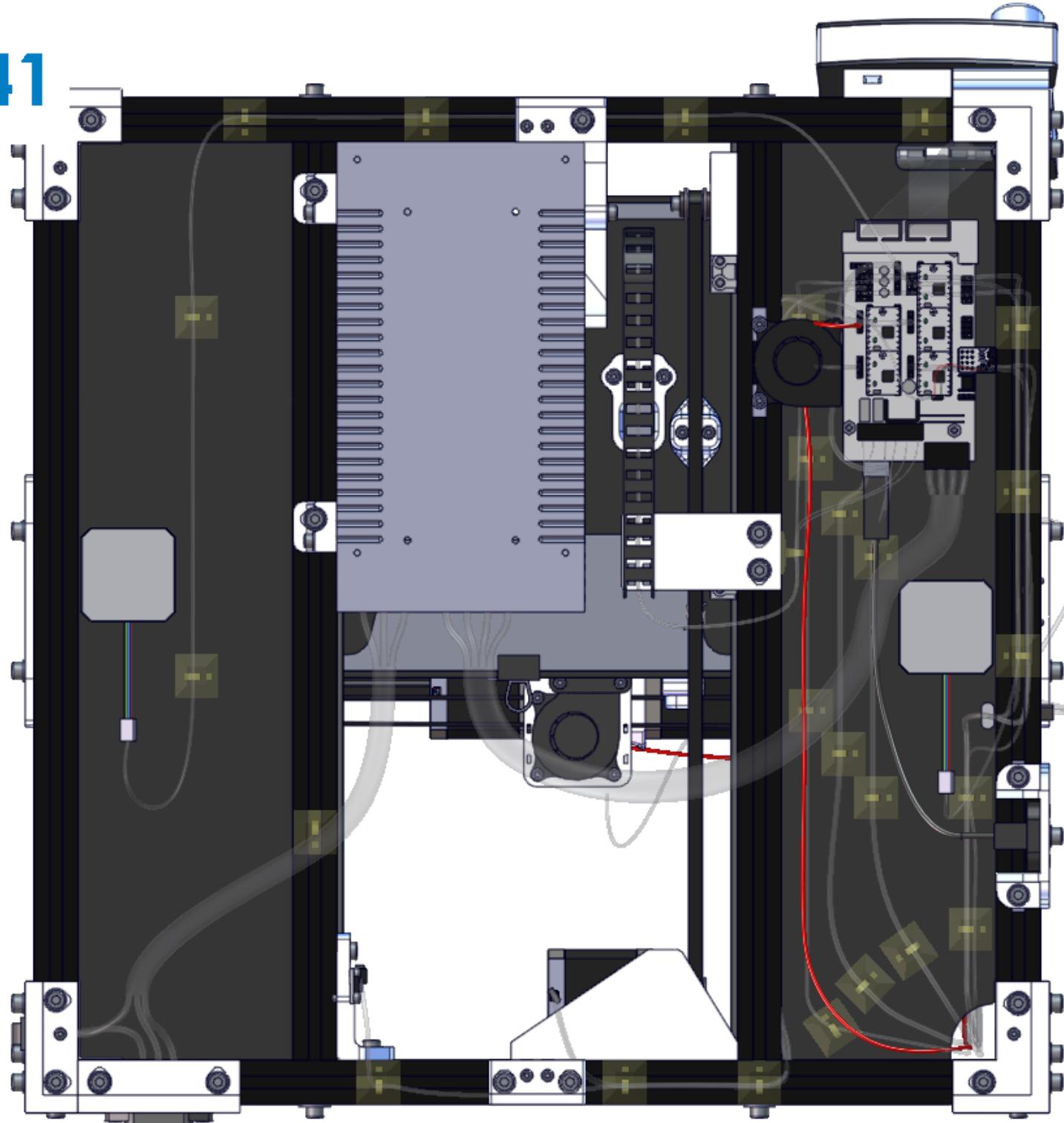


WIRING

2. Añadir Hot End Extender

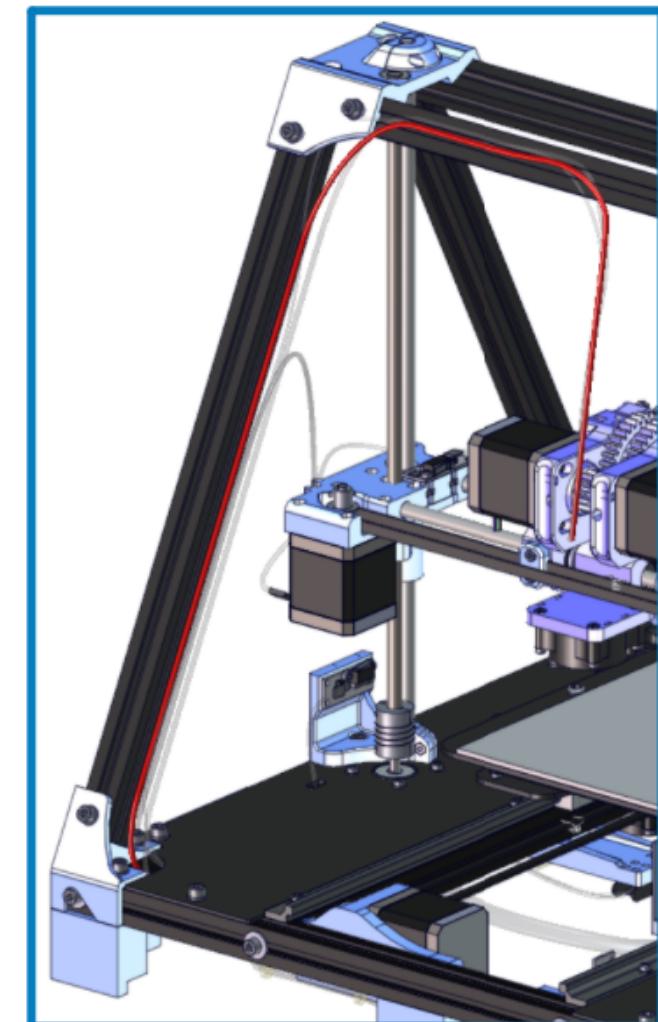


41



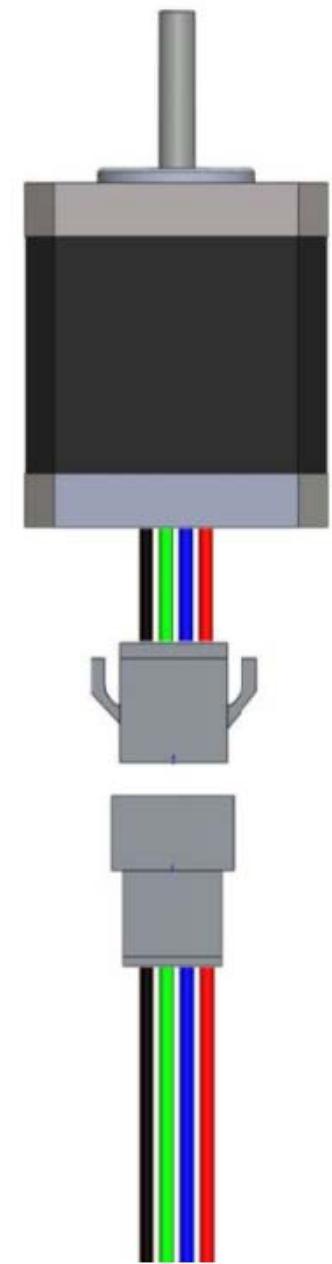
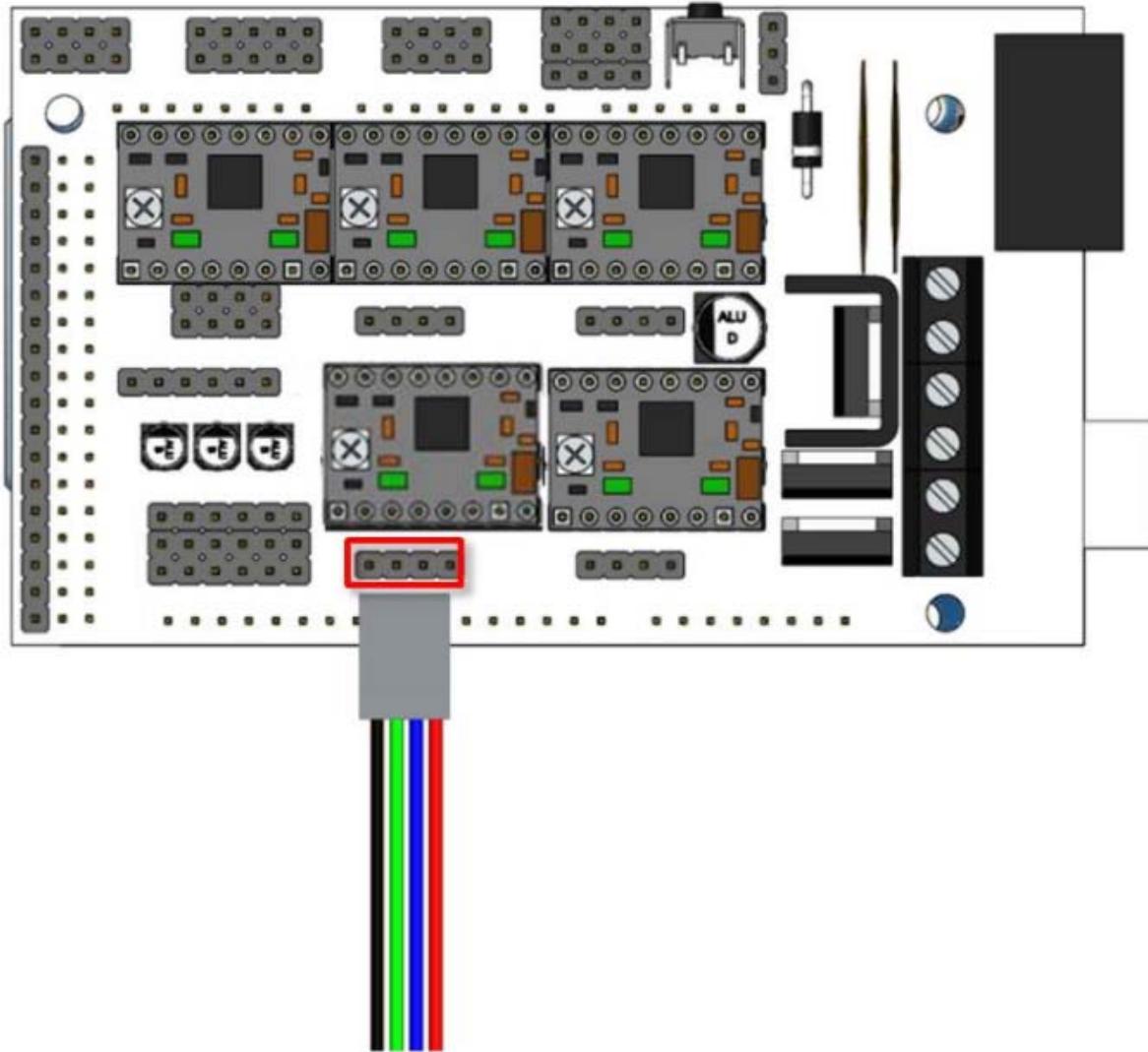
WIRING

3. Añadir Extruder Stepper Extender

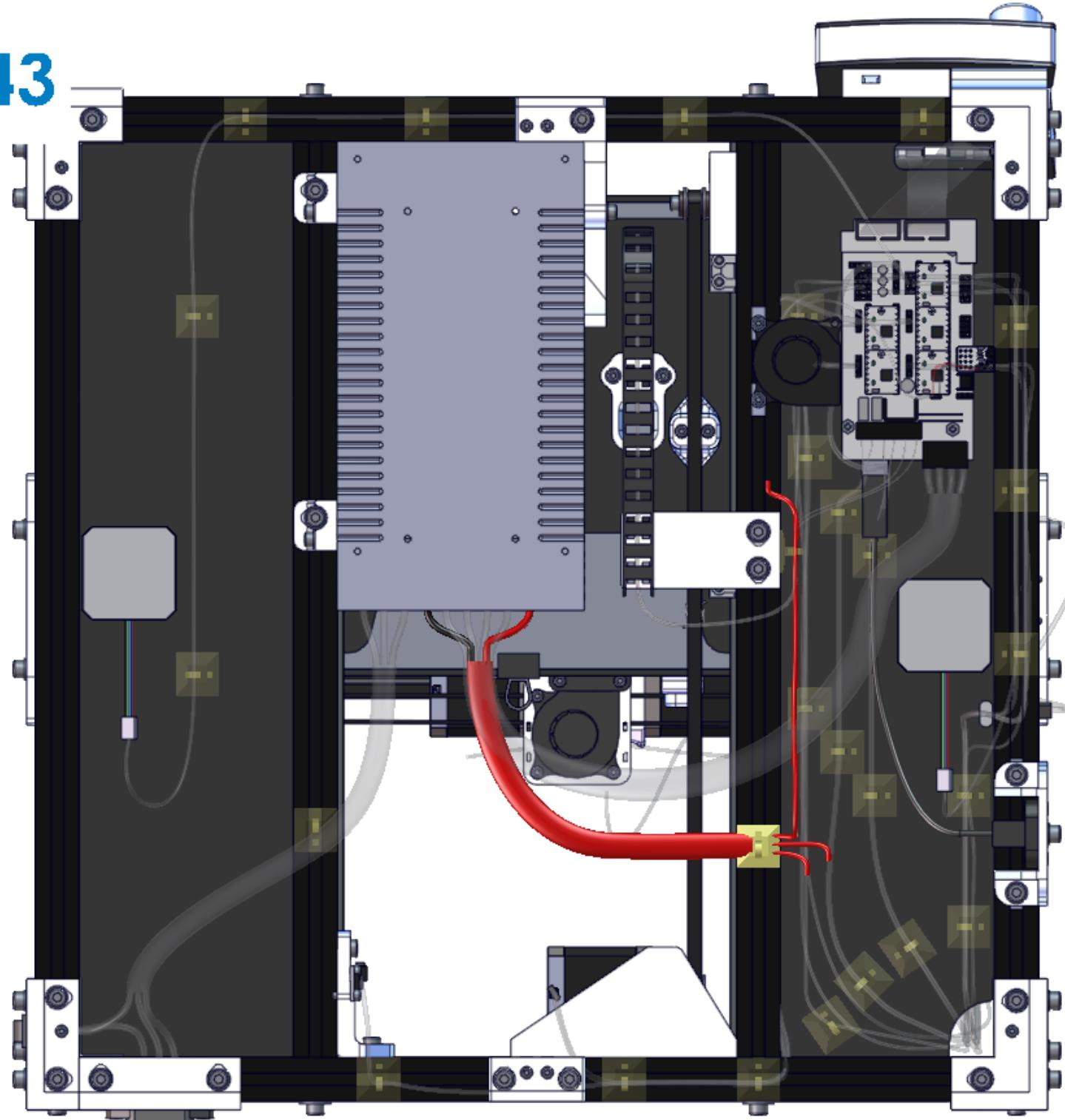


WIRING

3. Añadir Extruder Stepper Extender

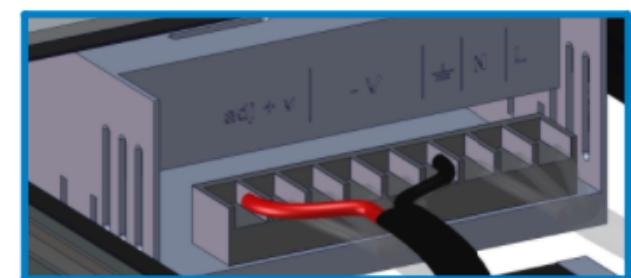


43

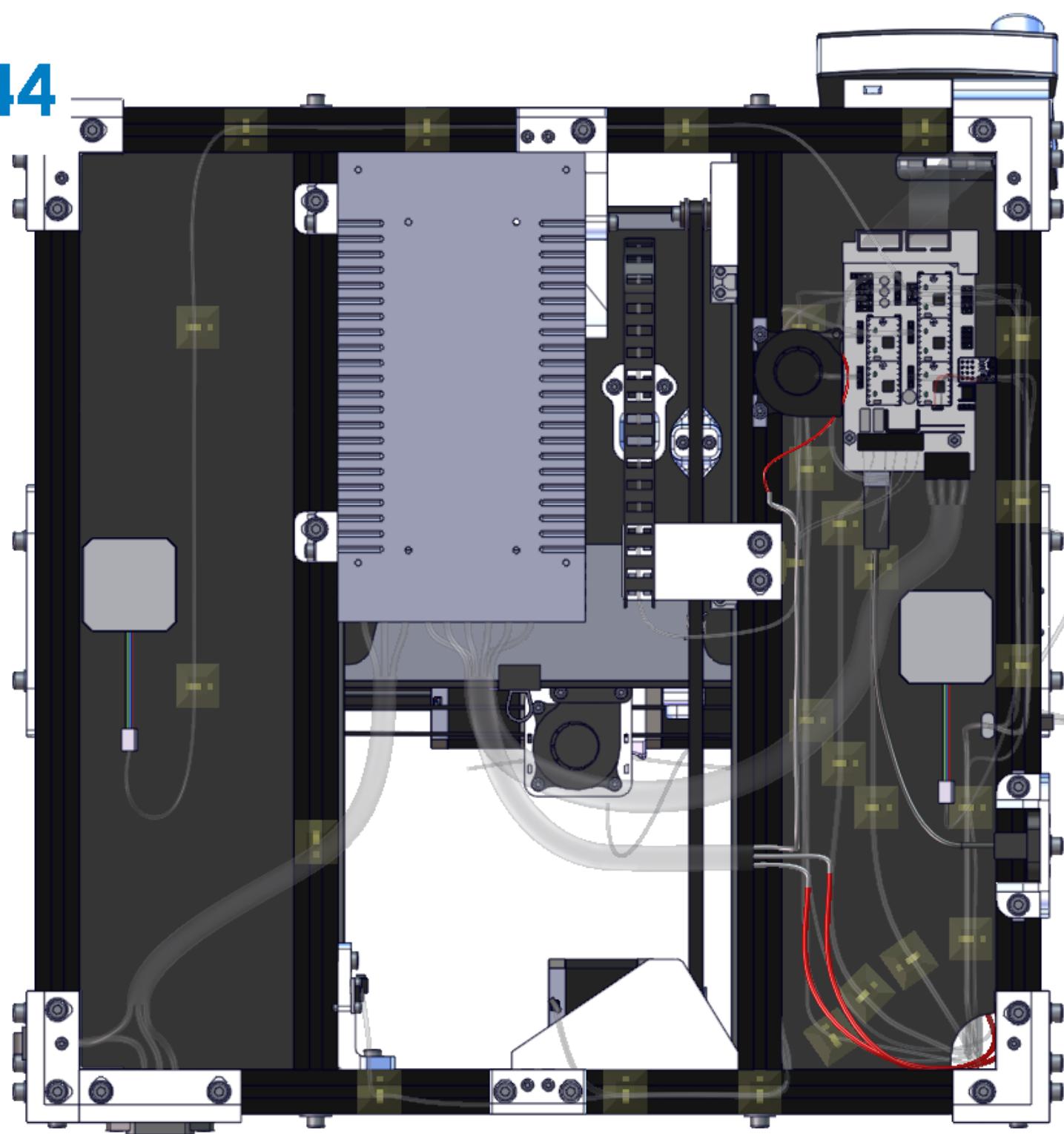


WIRING

4. Añadir 12V cable

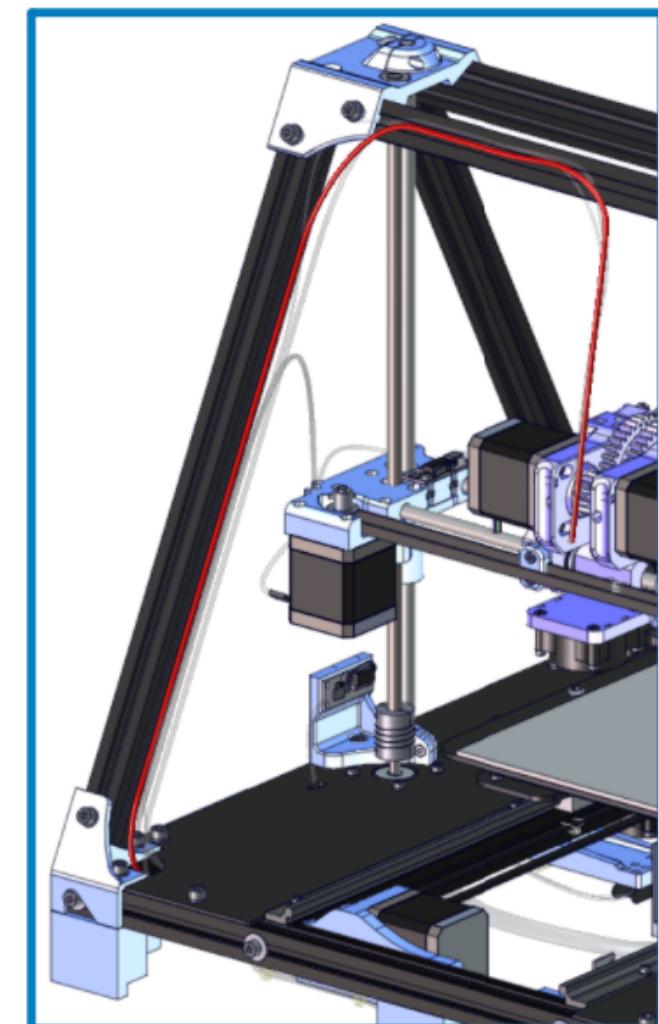


44



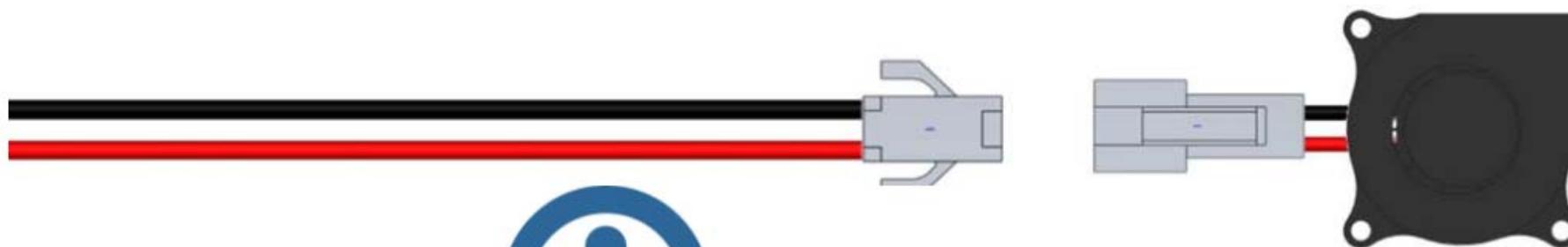
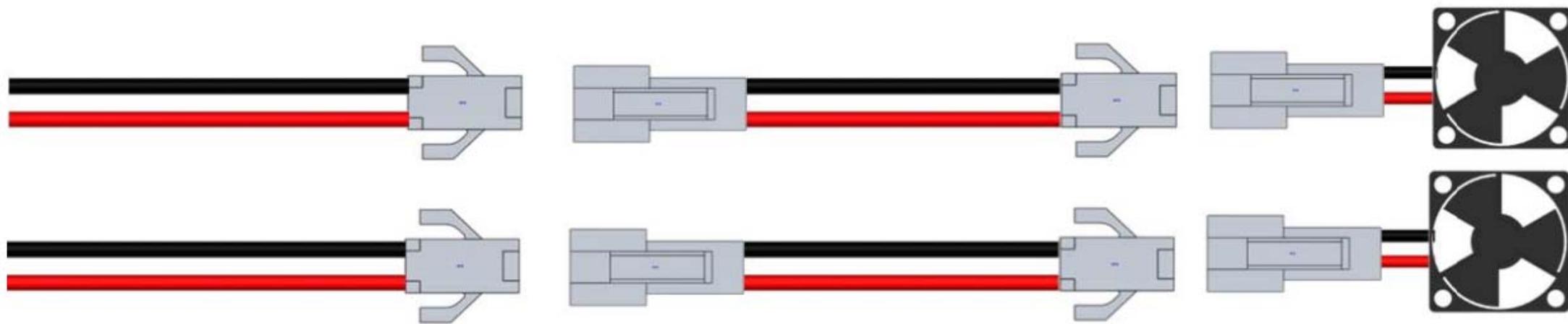
WIRING

5. Añadir DE Cooler Fan Extenders



WIRING

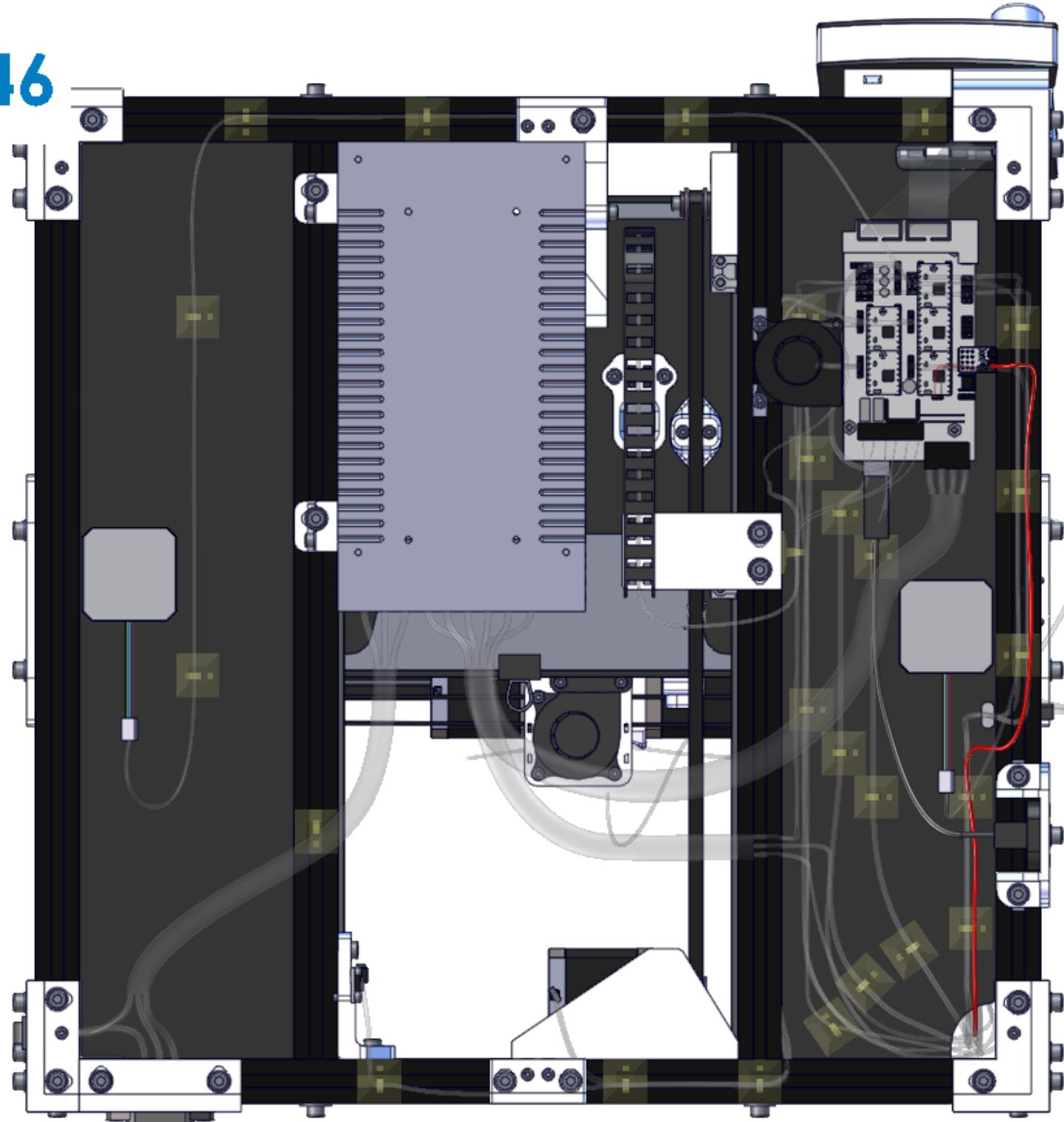
5. Añadir DE Cooler Fan Extenders



Si el ventilador de la electrónica tiene el conector hembra, usar el cable DE Electronics Fan Extender como adaptador entre el ventilador y el 12V Fans Cable.

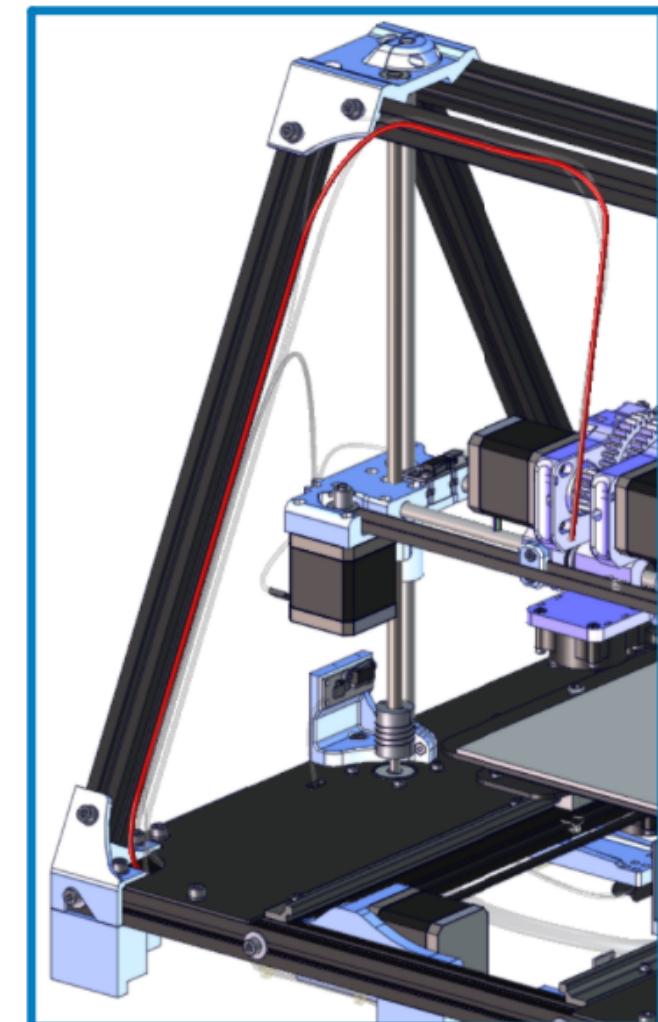


46



WIRING

6. Añadir DE Layer Fan Extender



WIRING

6. Añadir DE Layer Fan Extender

