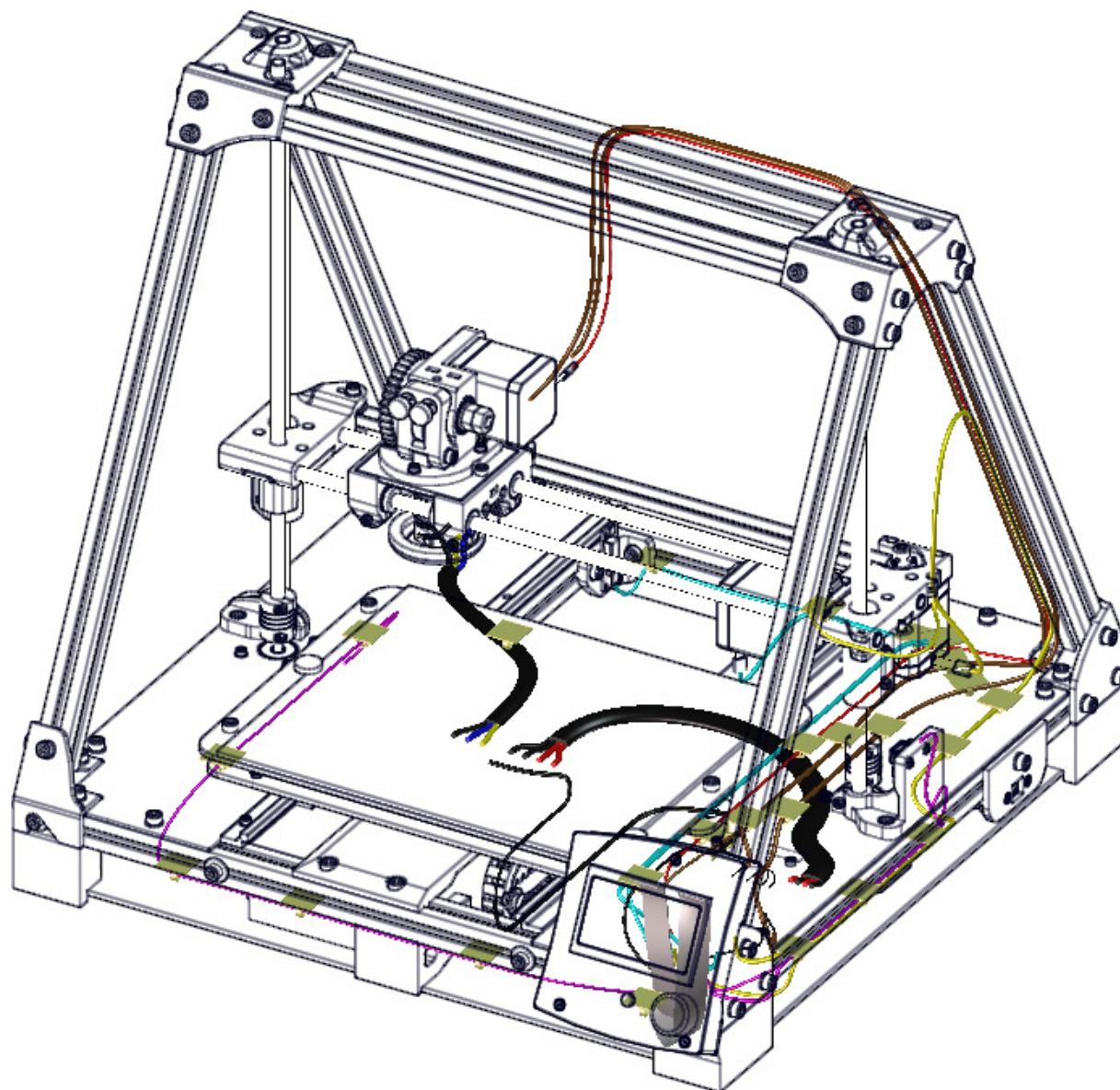
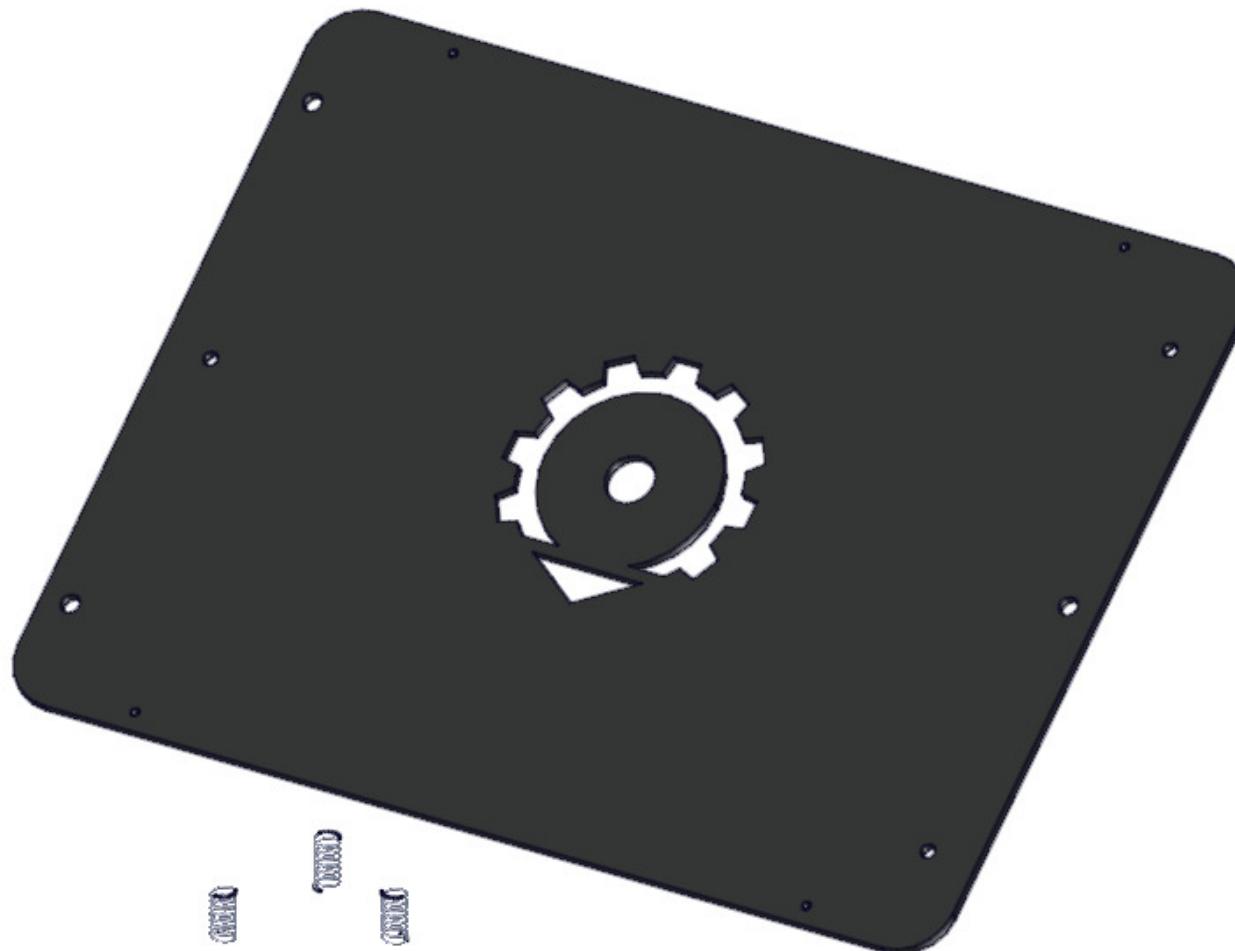


6 BCN3D+ ASSEMBLY GUIDE WIRING

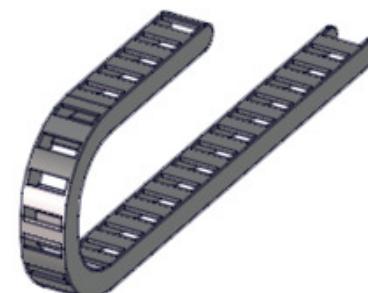
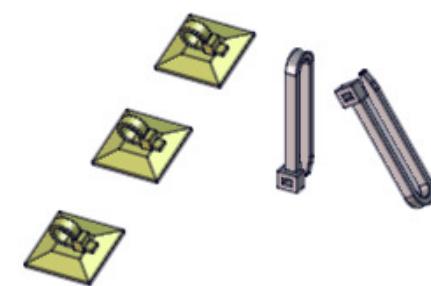
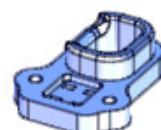


6 BCN3D+ ASSEMBLY GUIDE

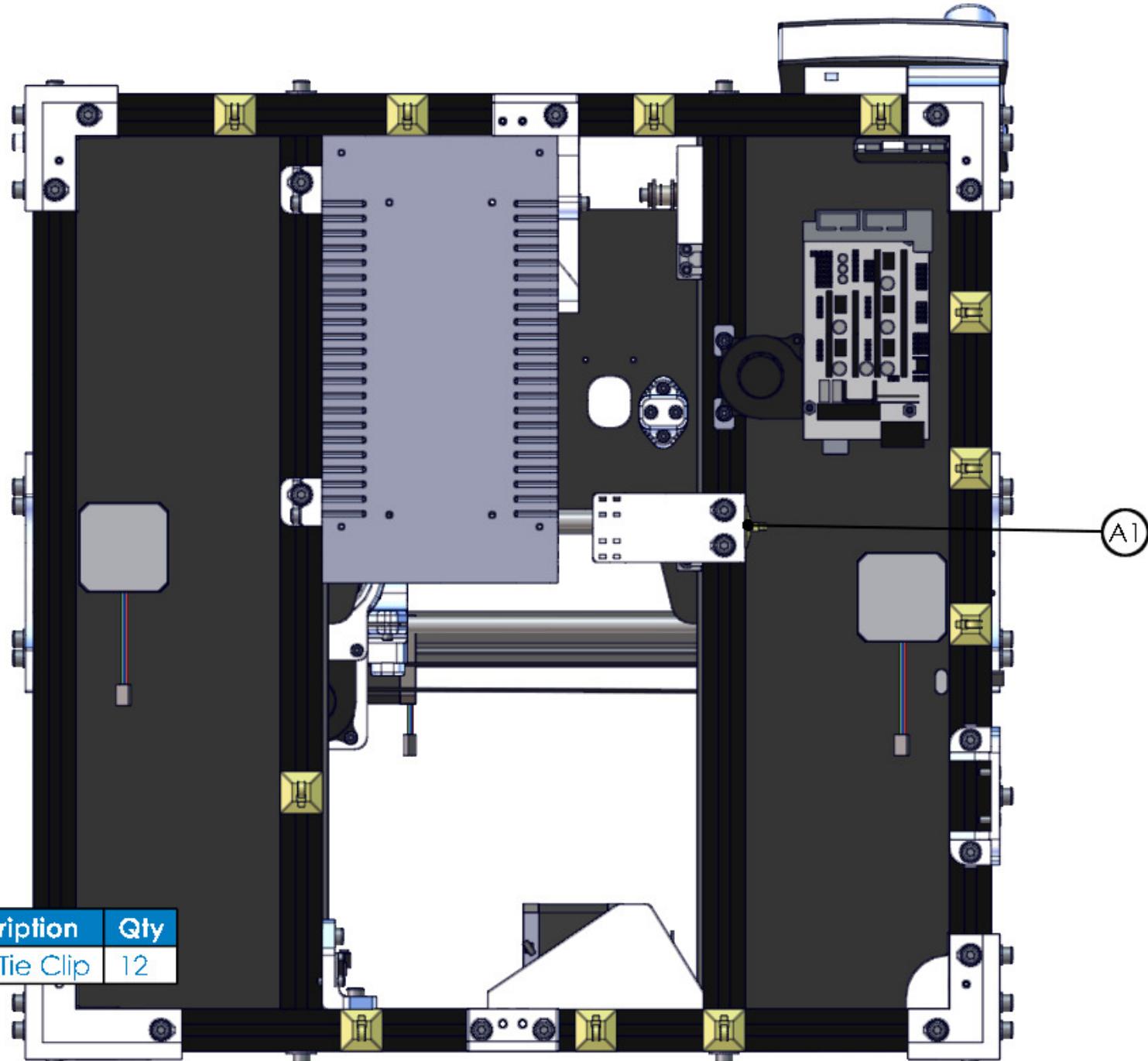
WIRING



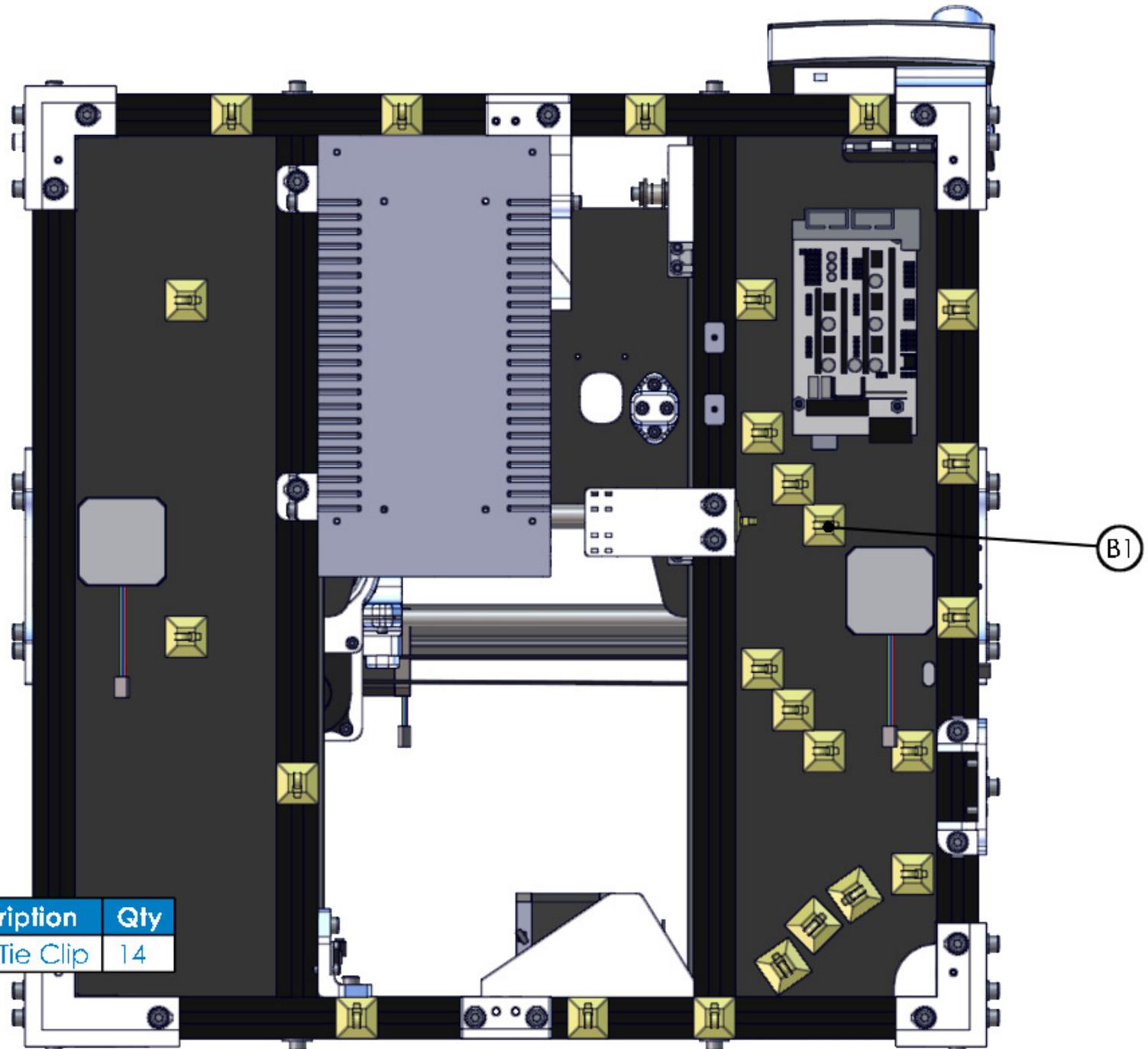
WIRE
WIRE
WIRE



1



2





Procedimiento de cableado

En la esquina superior derecha hay los nombres de los cables que se necesitarán en cada paso. Estos nombres corresponden a los nombres de los cables de la caja de electrónica.

El proceso consta de tres pasos diferenciados, cada uno en una diapositiva:

1. Enfundado de los cables

Respetar longitudes de los tramos desenfundados.

En algunos casos se montarán componentes, apropiadamente indicados.

2. Recorrido del cable

Cerrar la brida de aquellas bases que se resaltan en azul

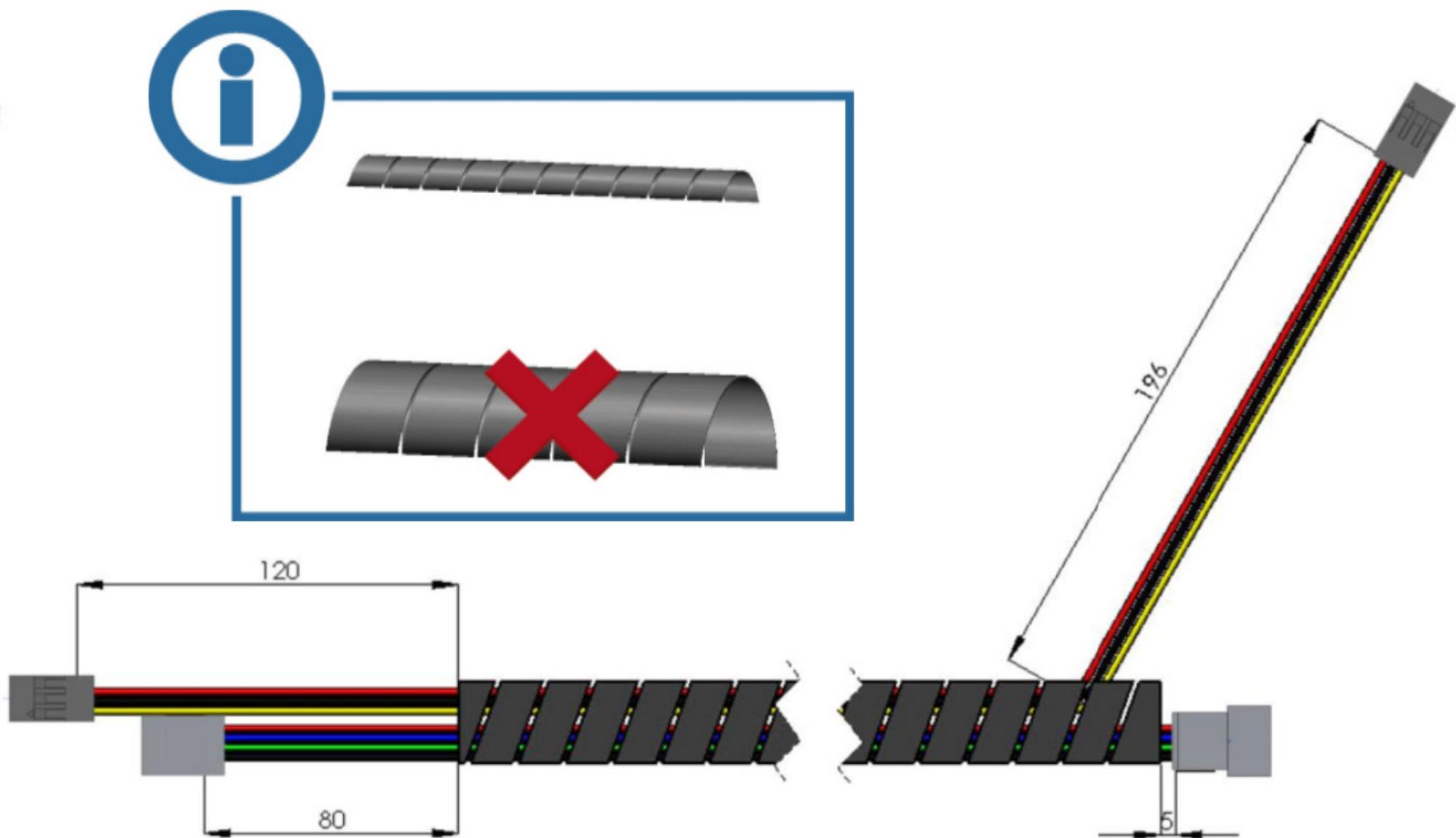
3. Conexionado de los componentes

Vigilar orientación de los conectores y código de colores.

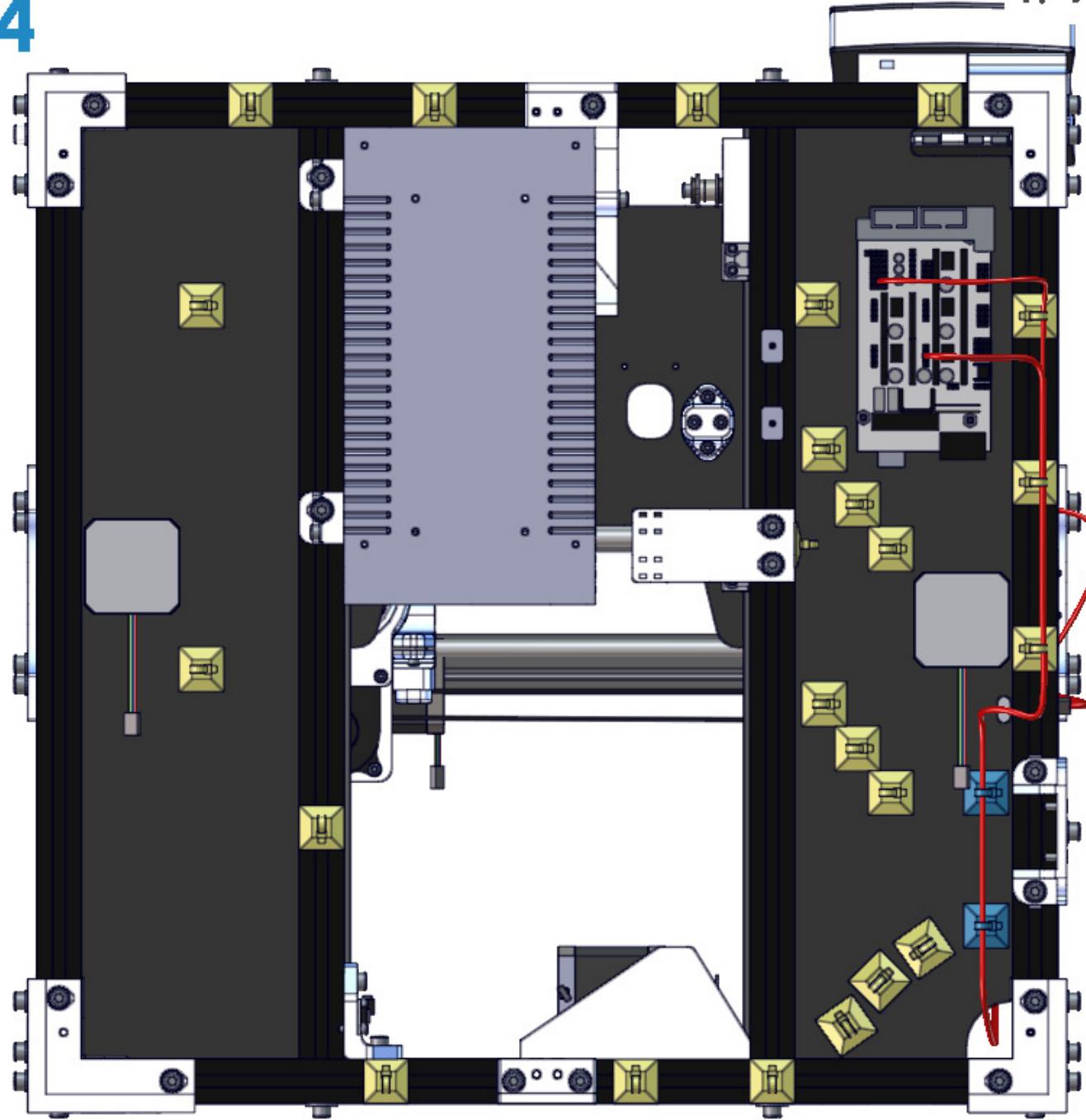
Asegurarse de conectar los elementos en el lugar resaltado de la electrónica.

1. X Endstop & X stepper extender

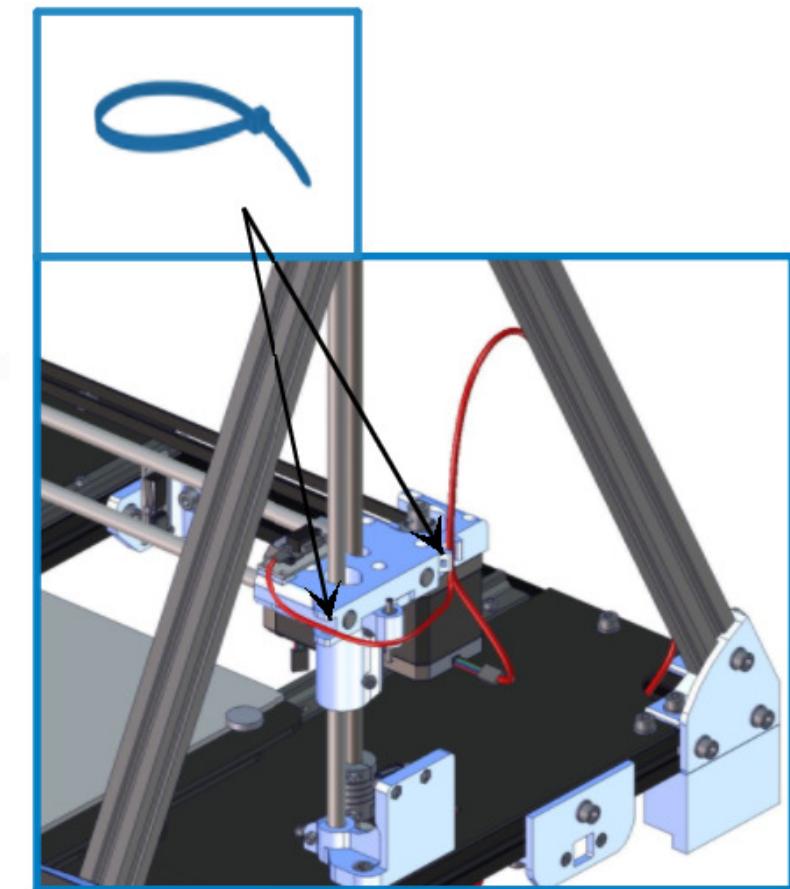
3



4

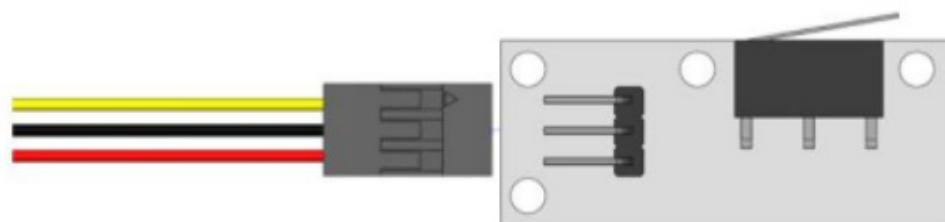
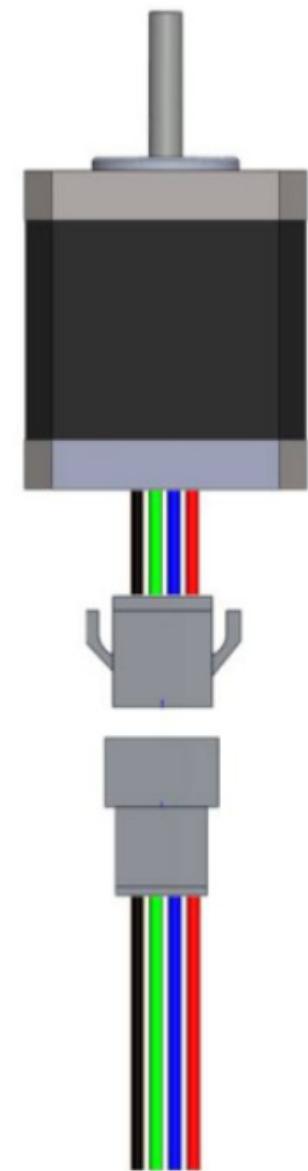
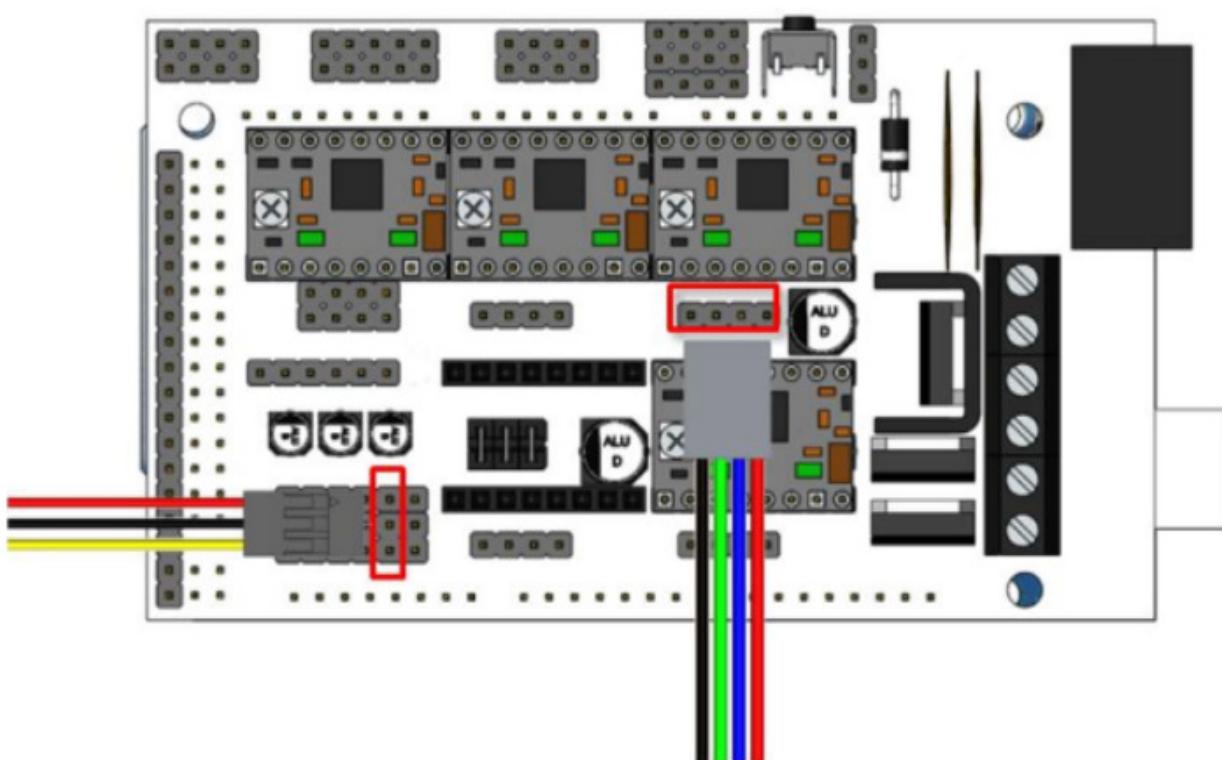


1. X Endstop & X stepper extender



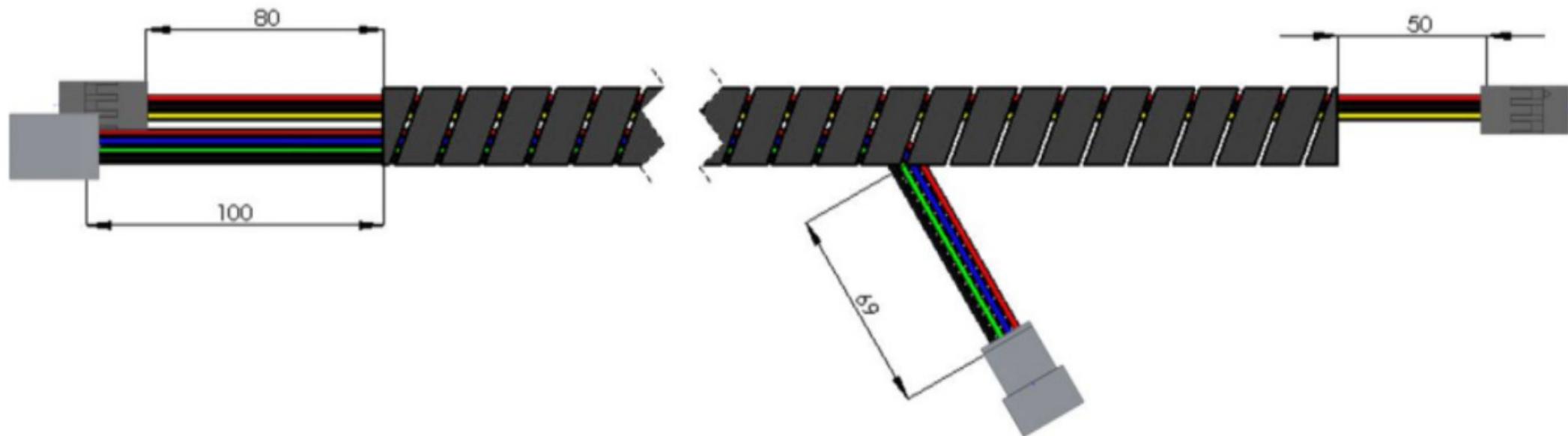
1. X Endstop & X stepper extender

5

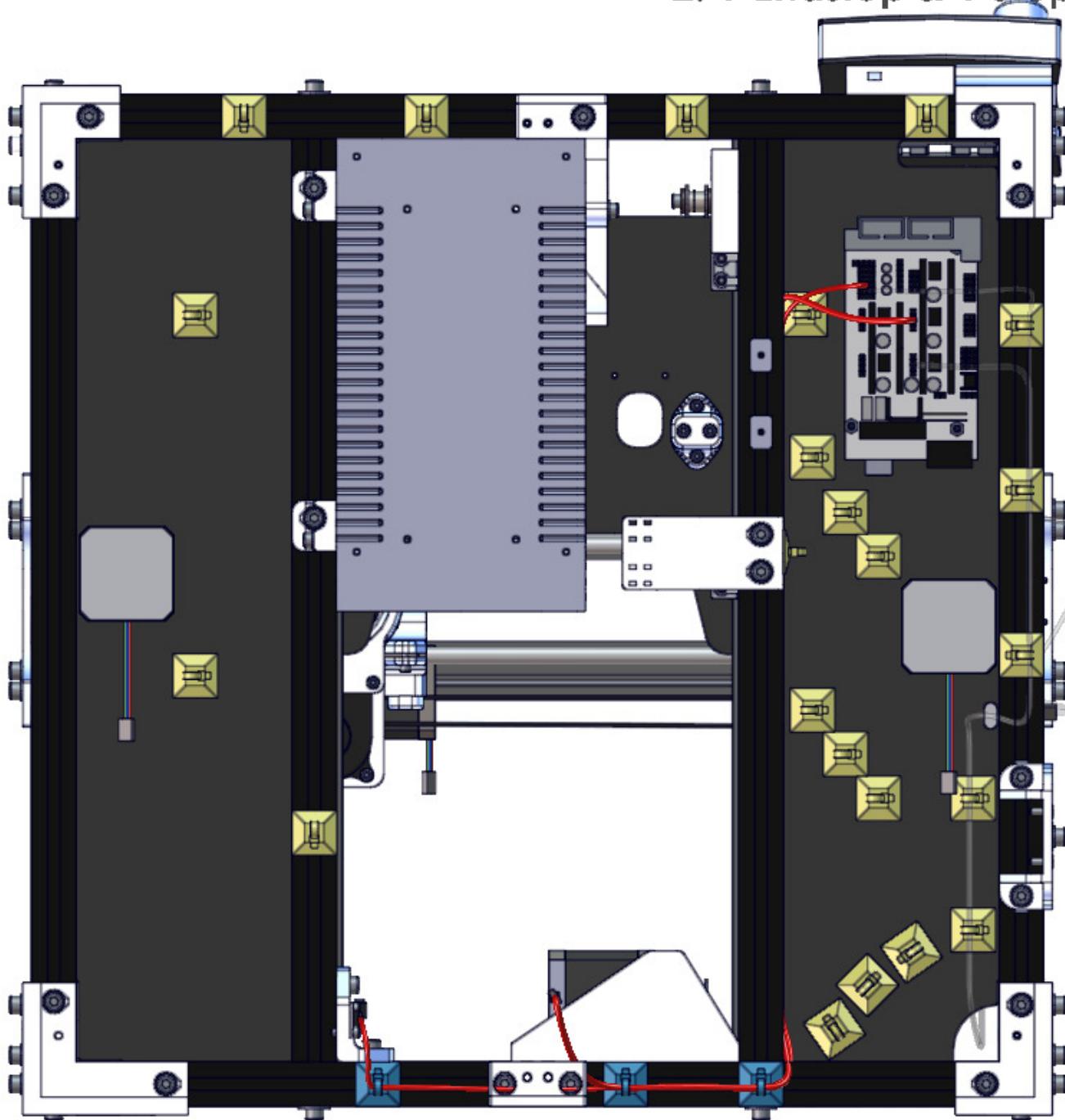


2. Y Endstop & Y Stepper Extender

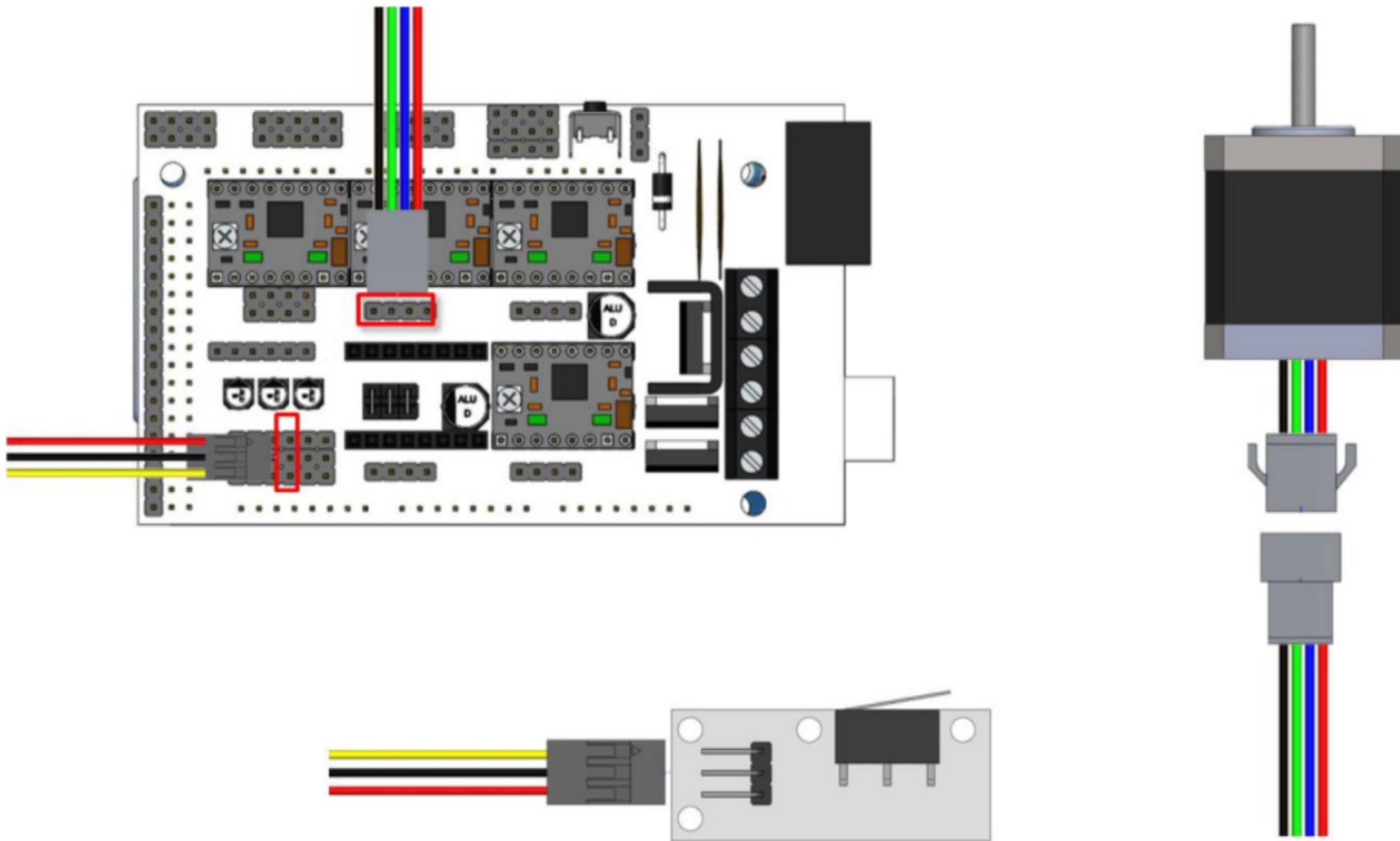
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2. Y Endstop & Y Stepper Extender



2. Y Endstop & Y Stepper Extender

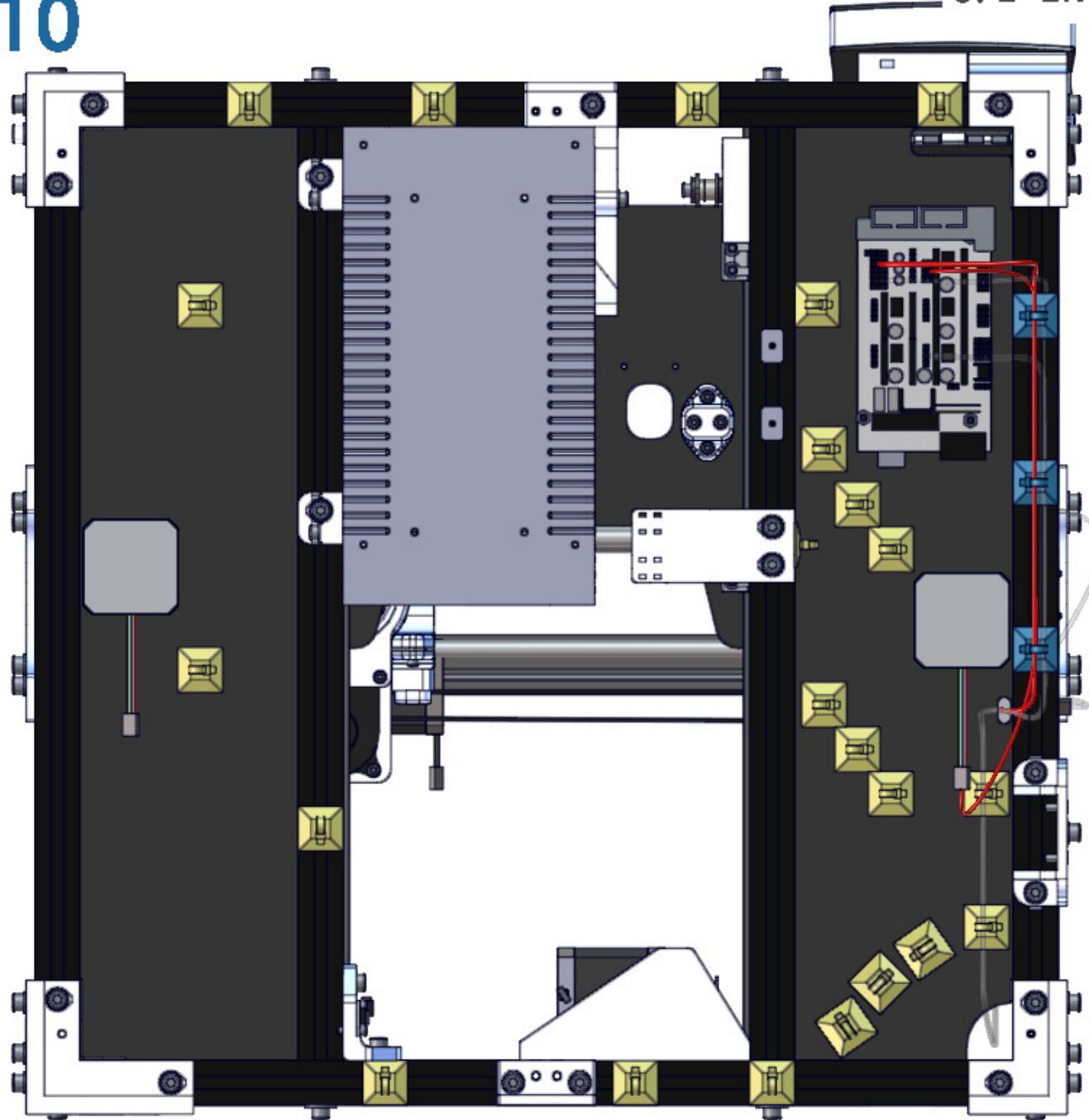


3. Z Endstop & Z Right Stepper Extender

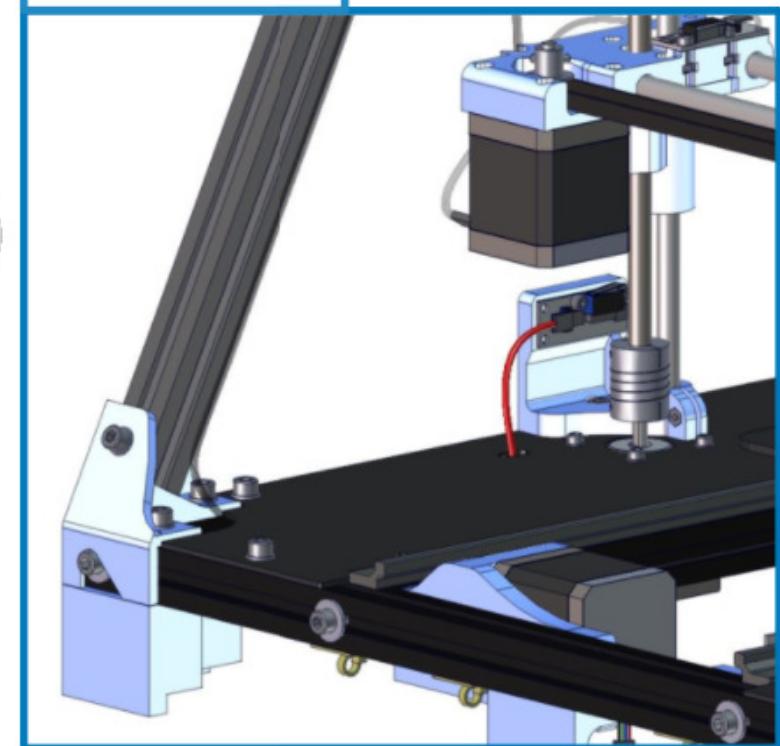
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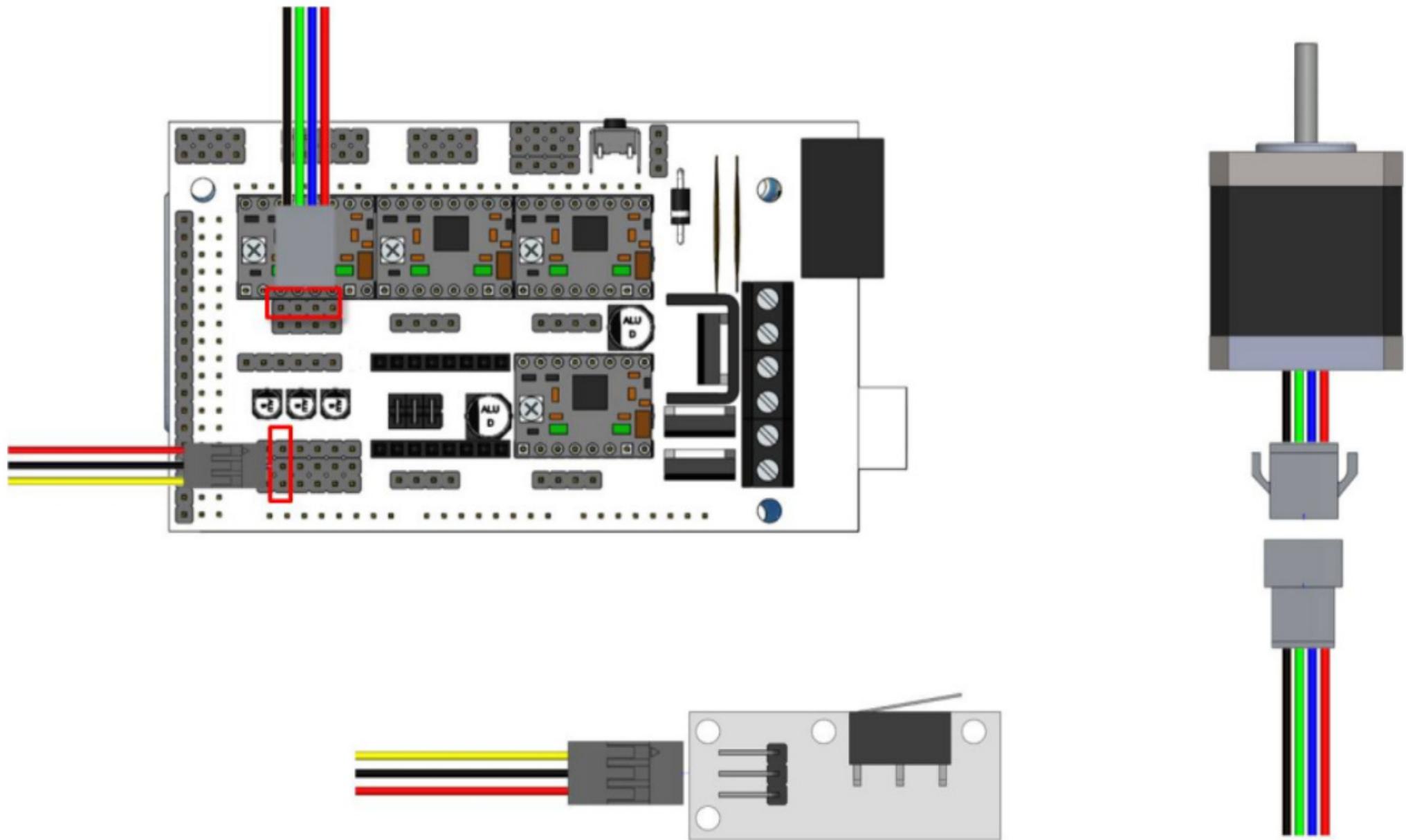


3. Z Endstop & Z Right Stepper Extender



3. Z Endstop & Z Right Stepper Extender

11



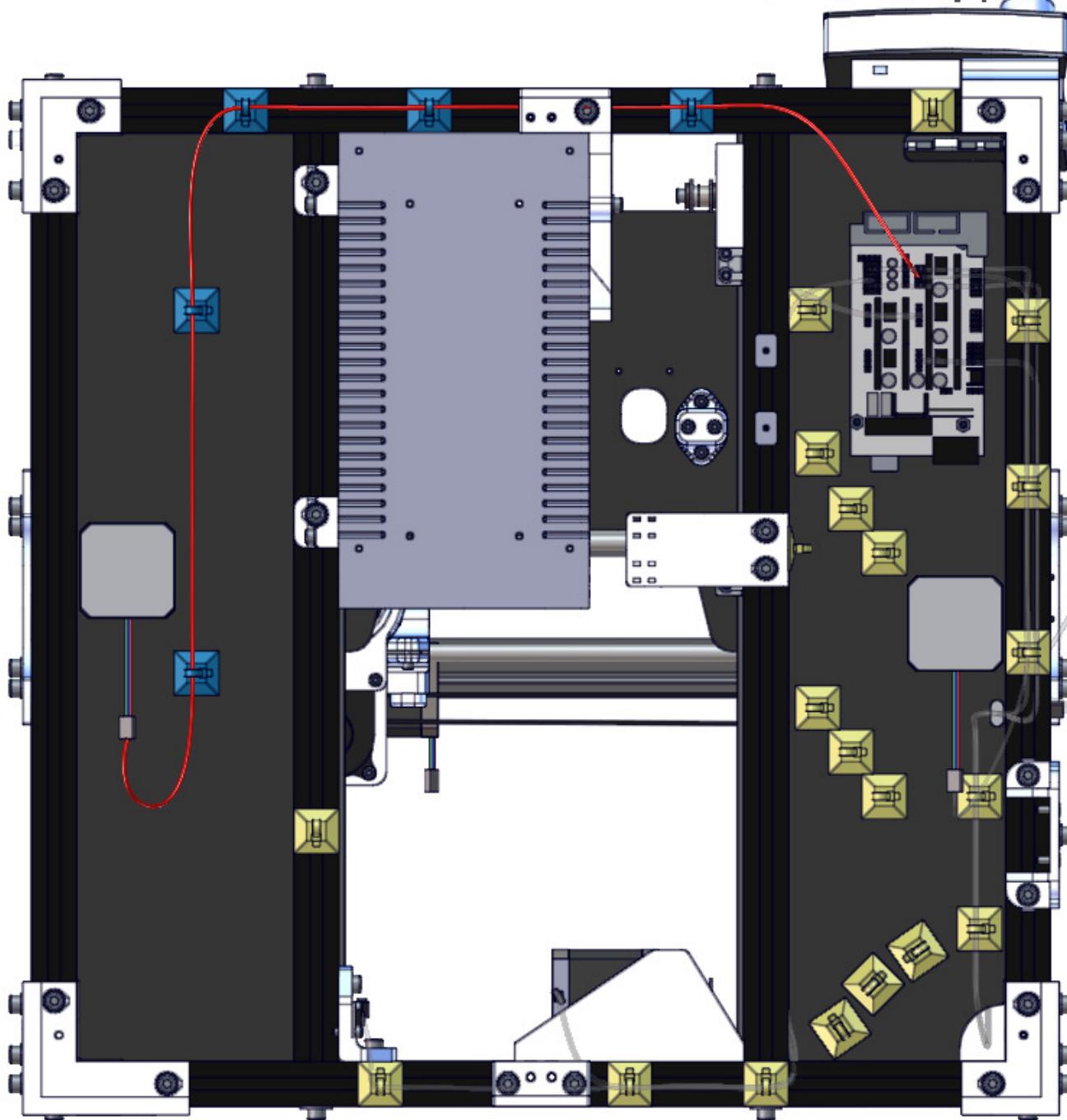
4. Z Left Stepper Extender

12



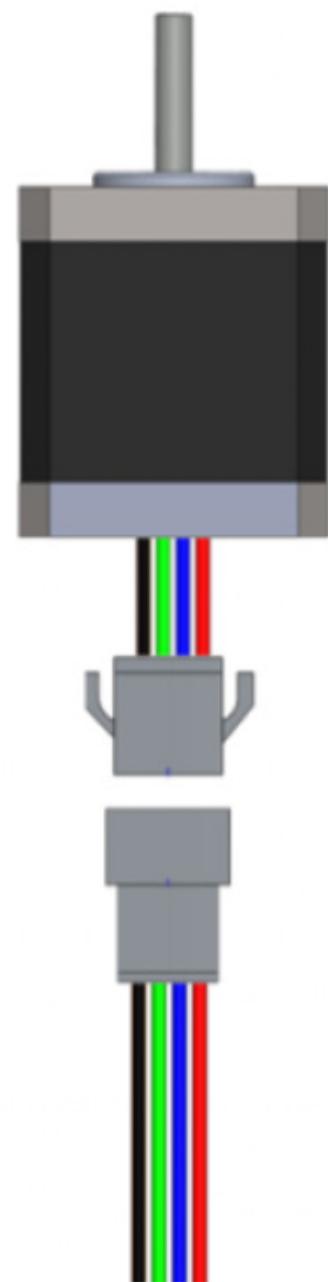
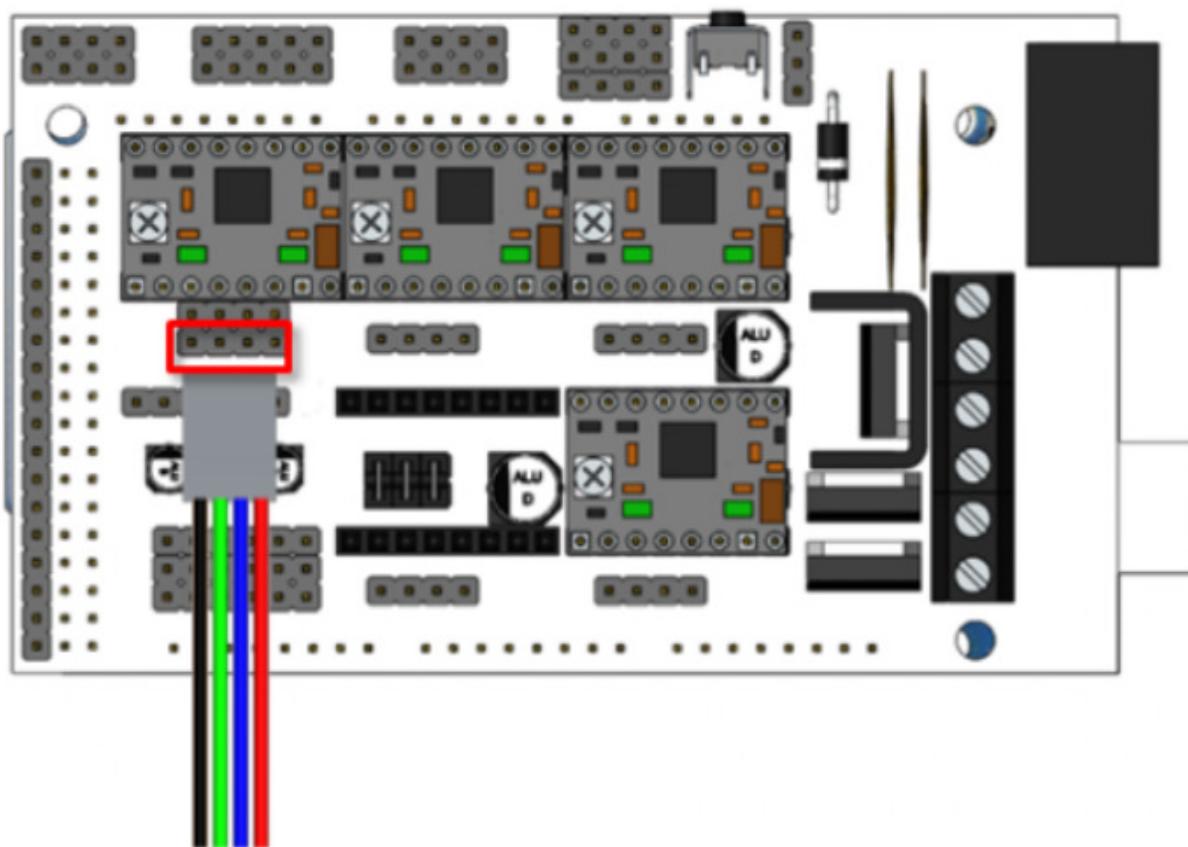
4. Z Left Stepper Extender

13



4. Z Left Stepper Extender

14

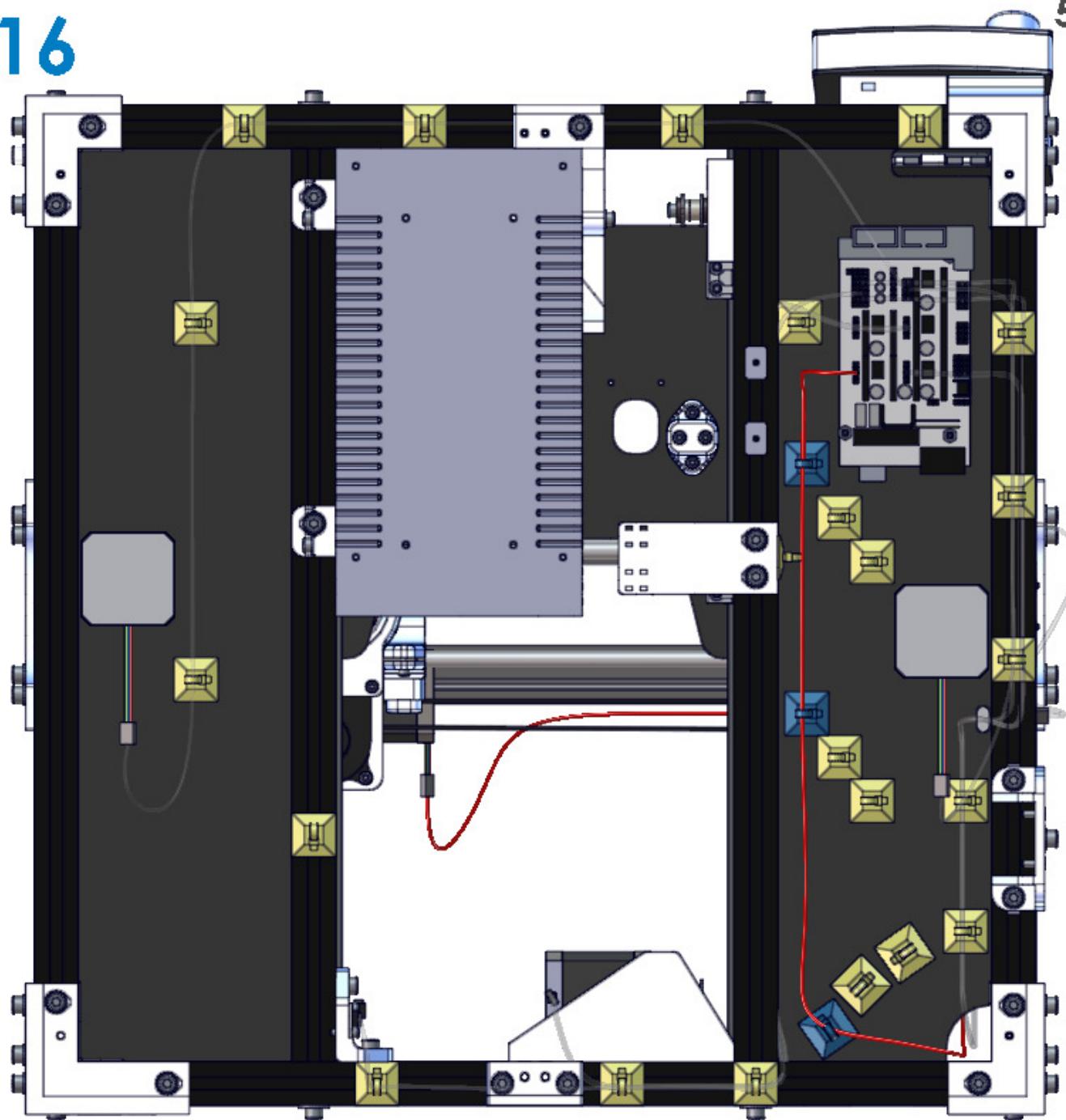


5. Extruder Stepper Extender

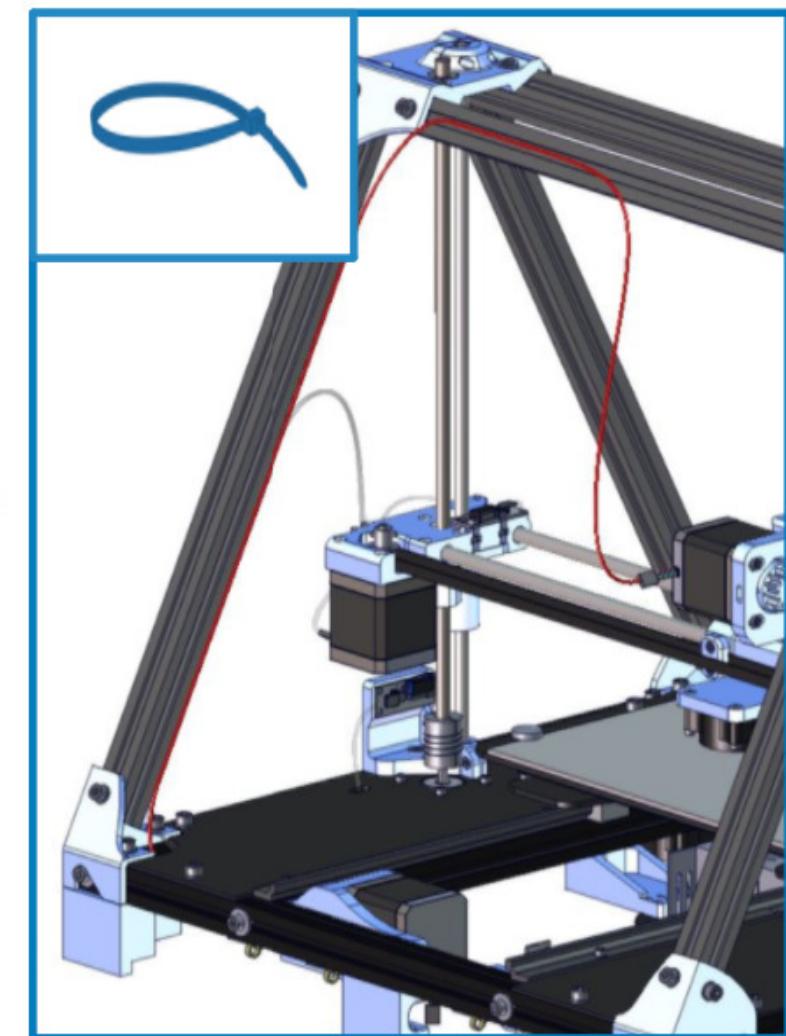
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16

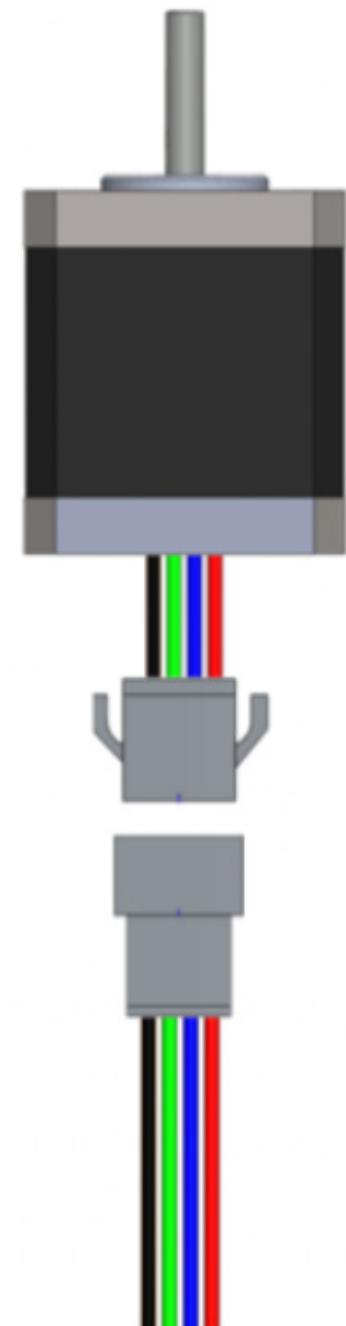
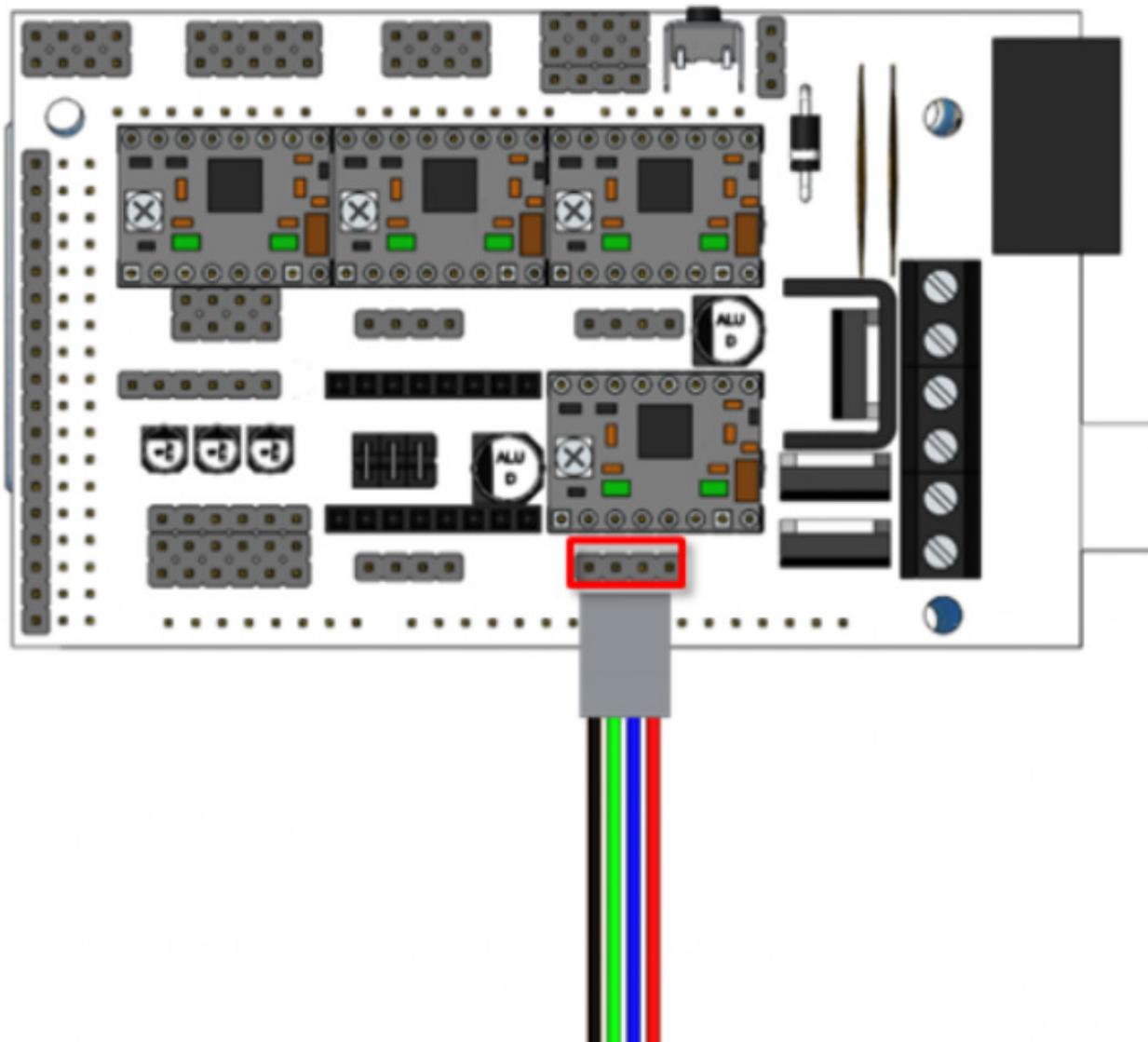


5. Extruder Stepper Extender



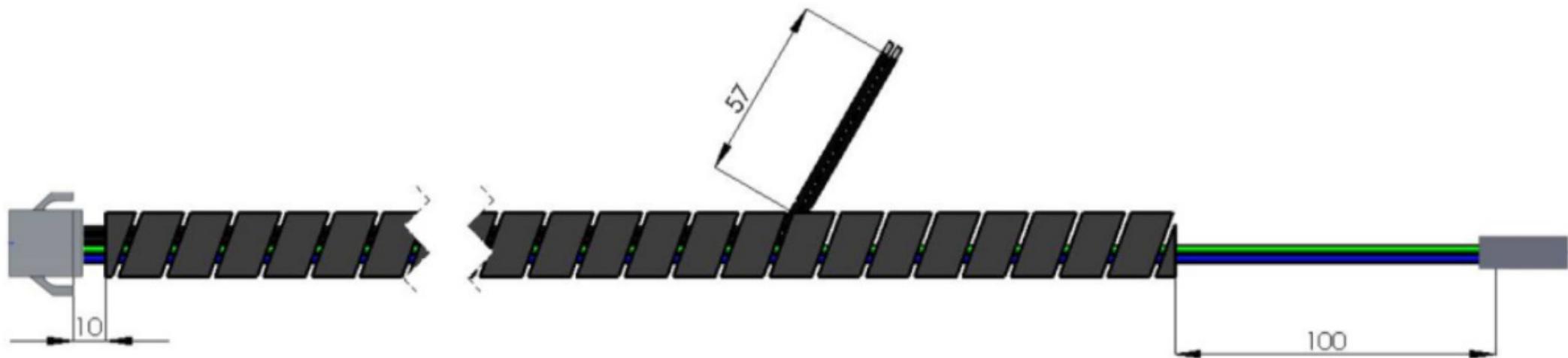
5. Extruder Stepper Extender

17

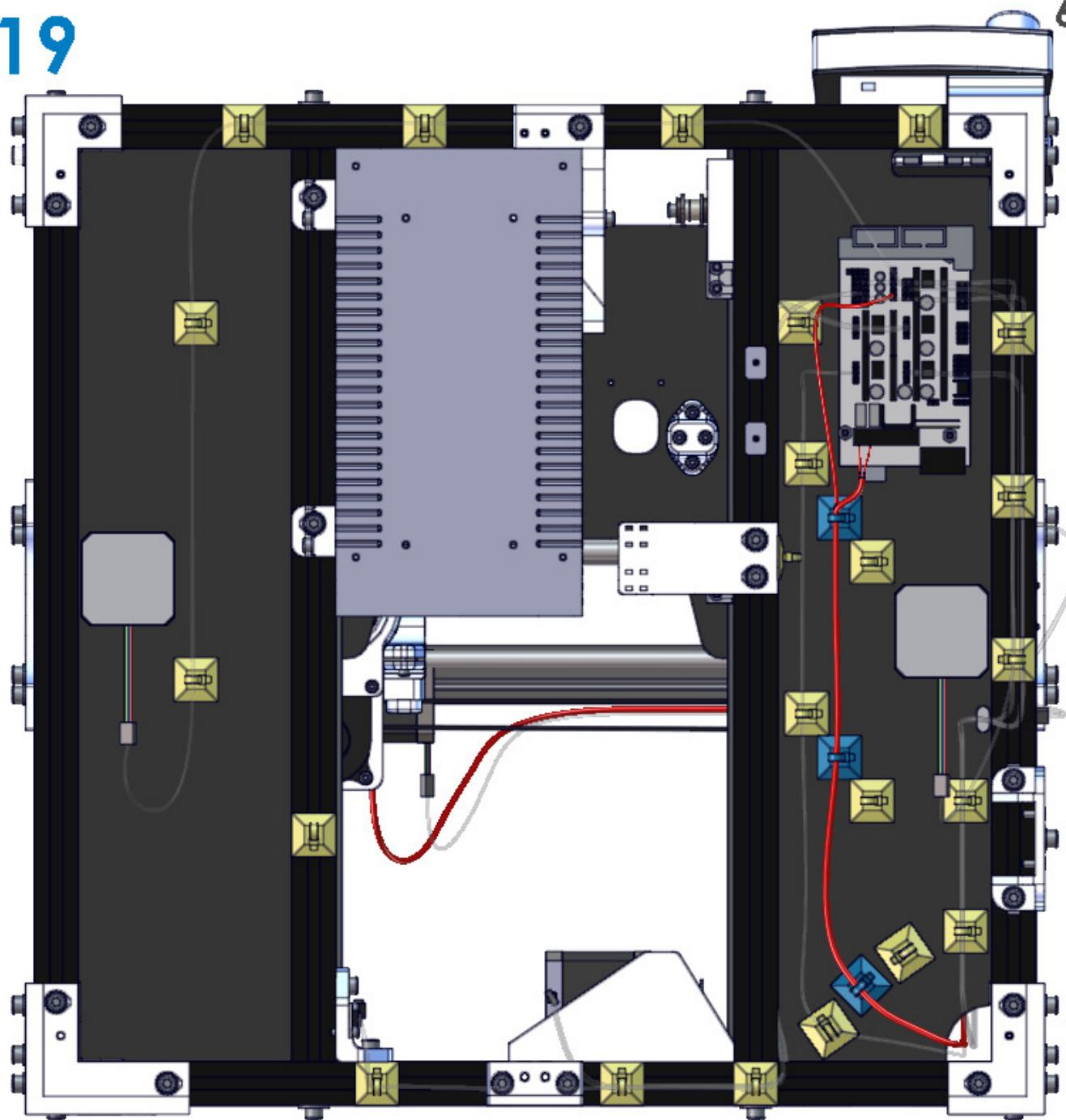


6. Hot End Extender

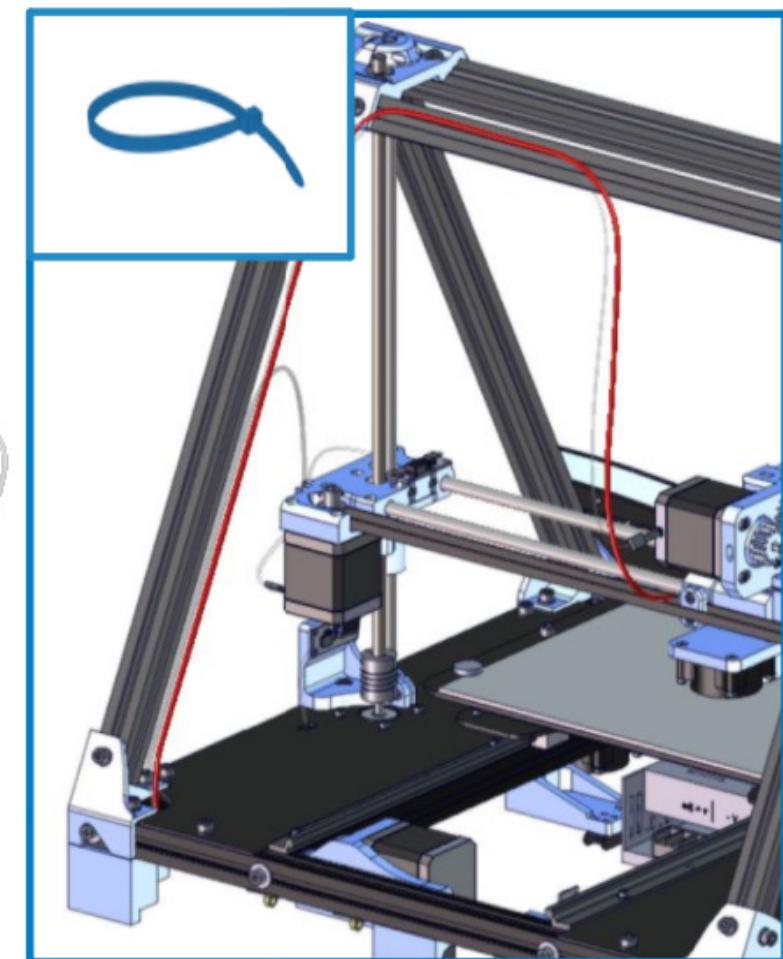
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19

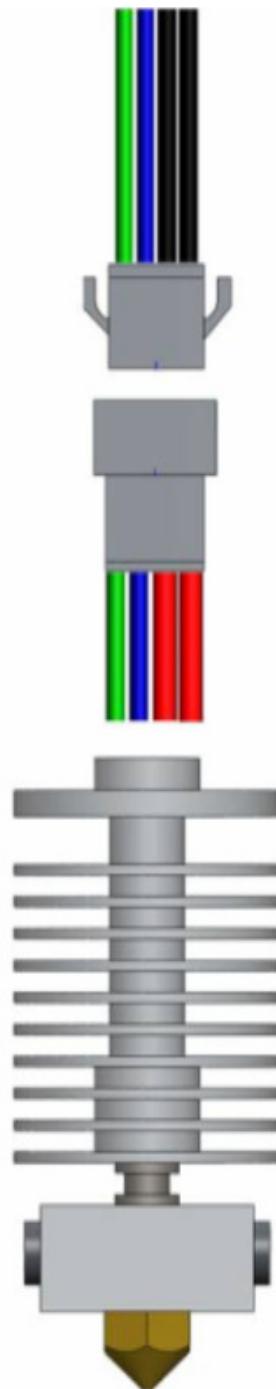
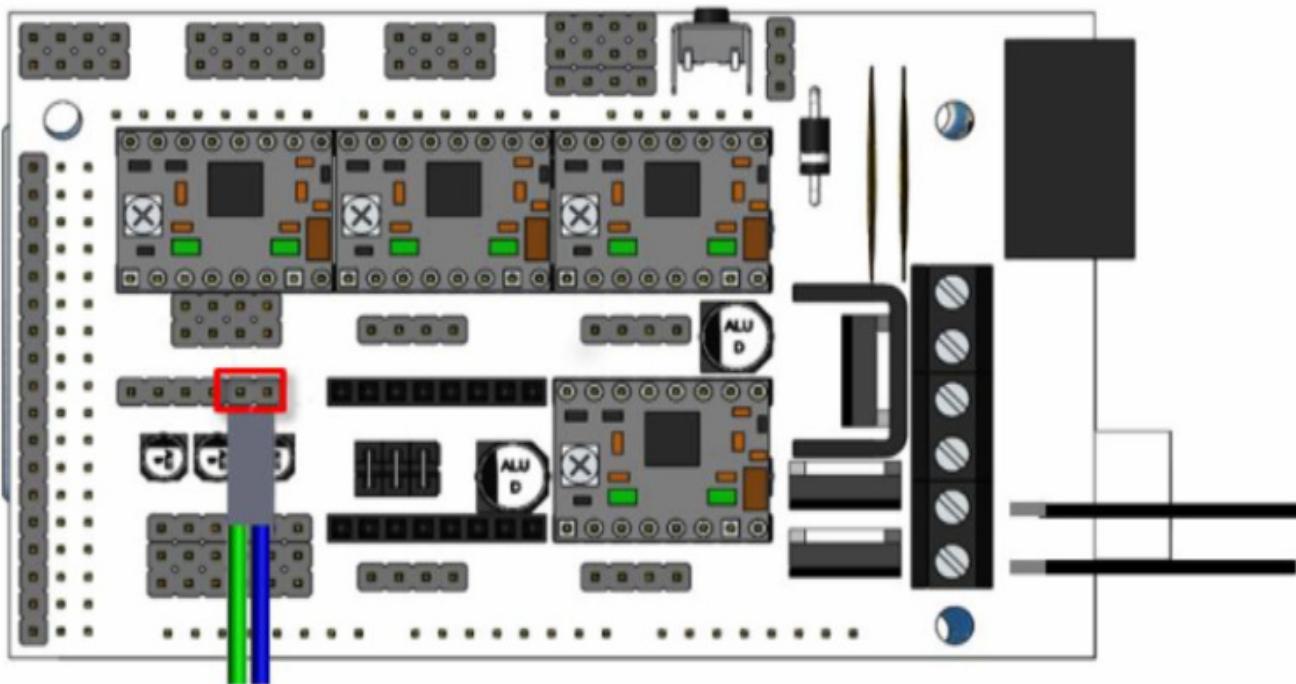


6. Hot End Extender



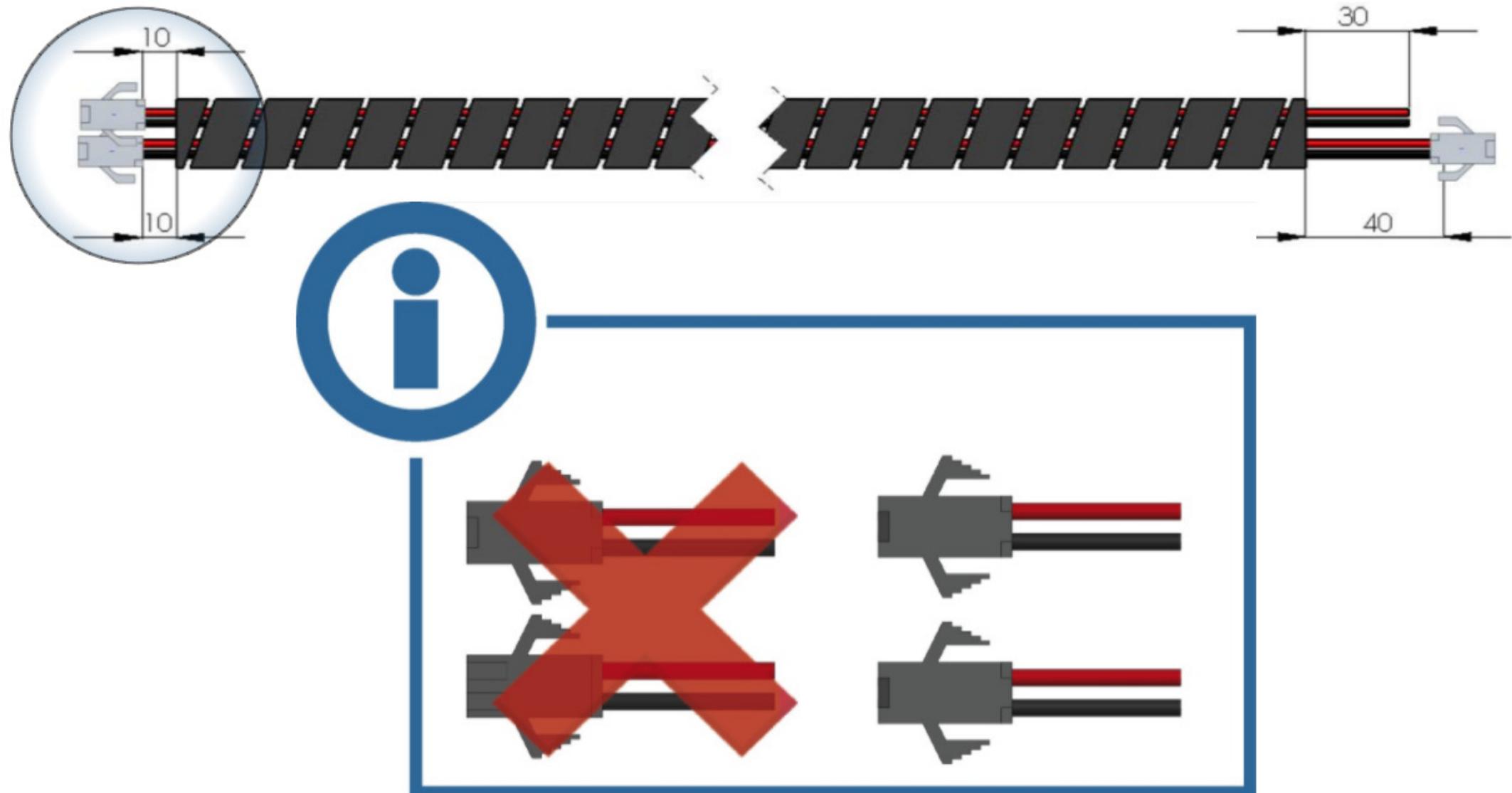
6. Hot End Extender

20



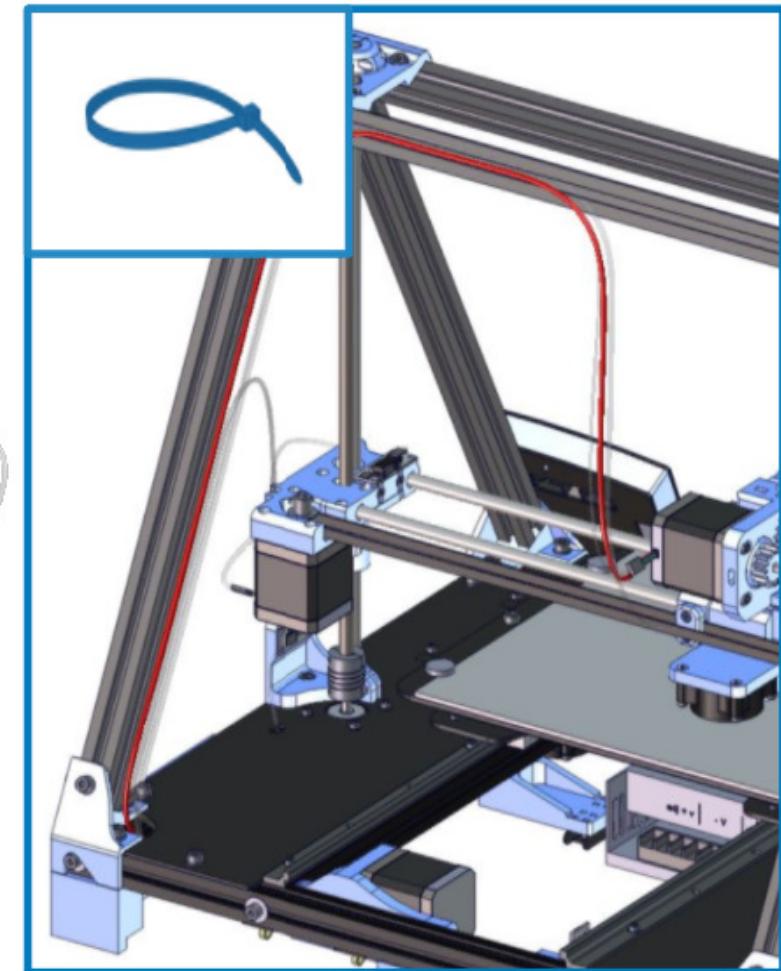
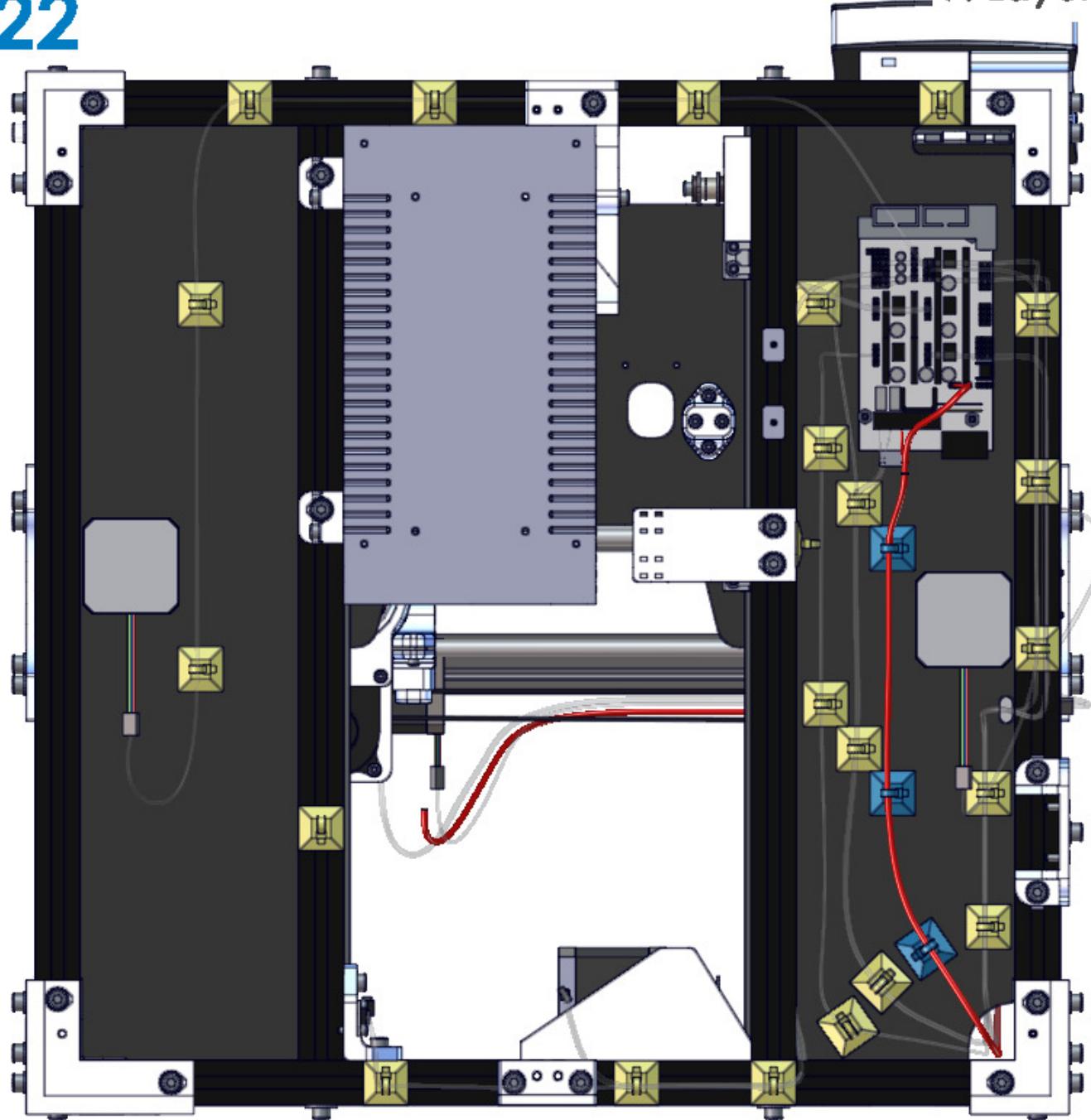
7. Layer Fan, Cooler Fan & Fan Extension

21



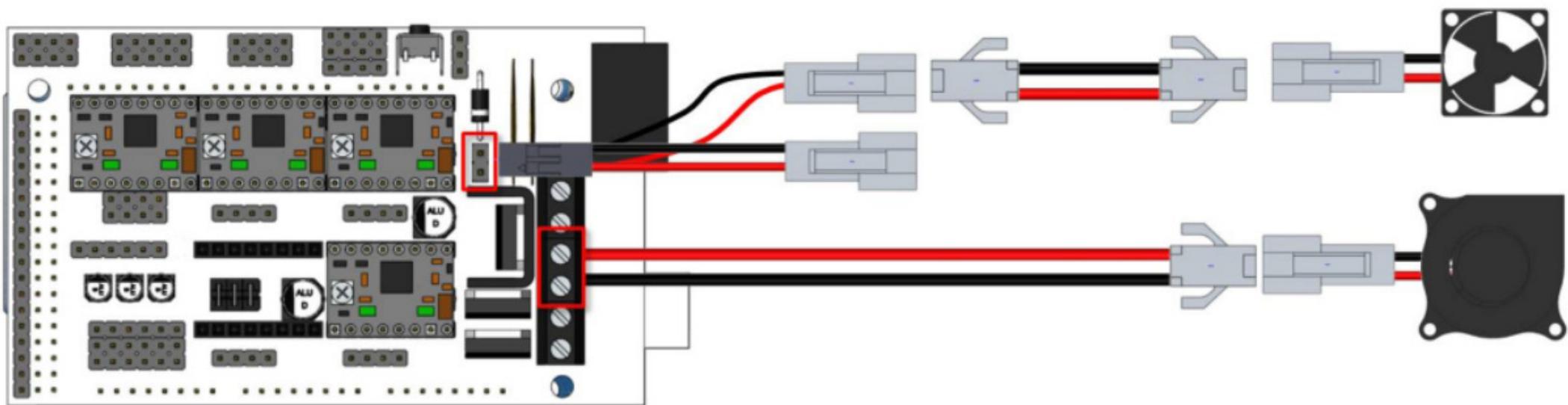
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7. Layer Fan, Cooler Fan & Fan Extension

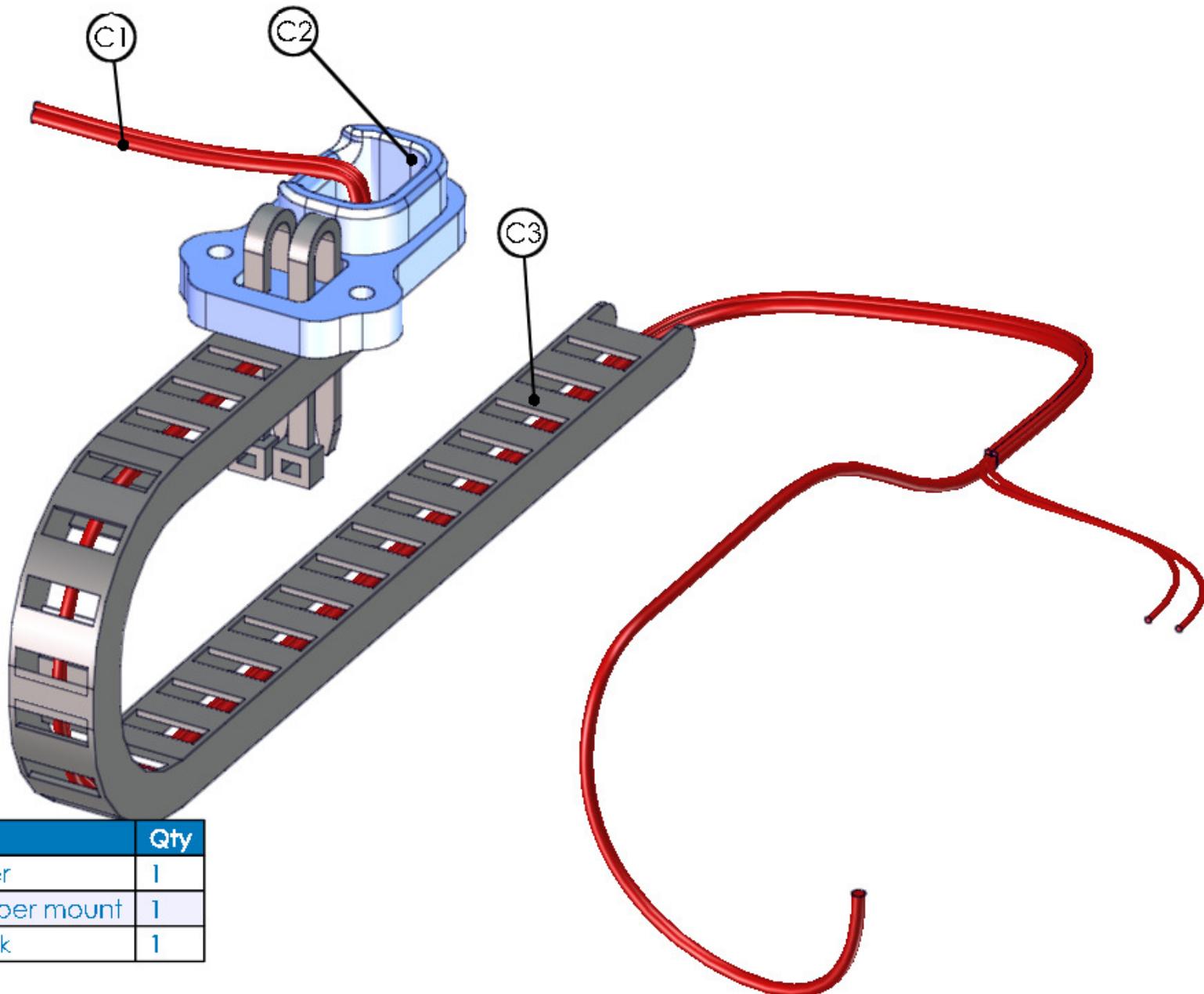


7. Layer Fan, Cooler Fan & Fan Extension

23

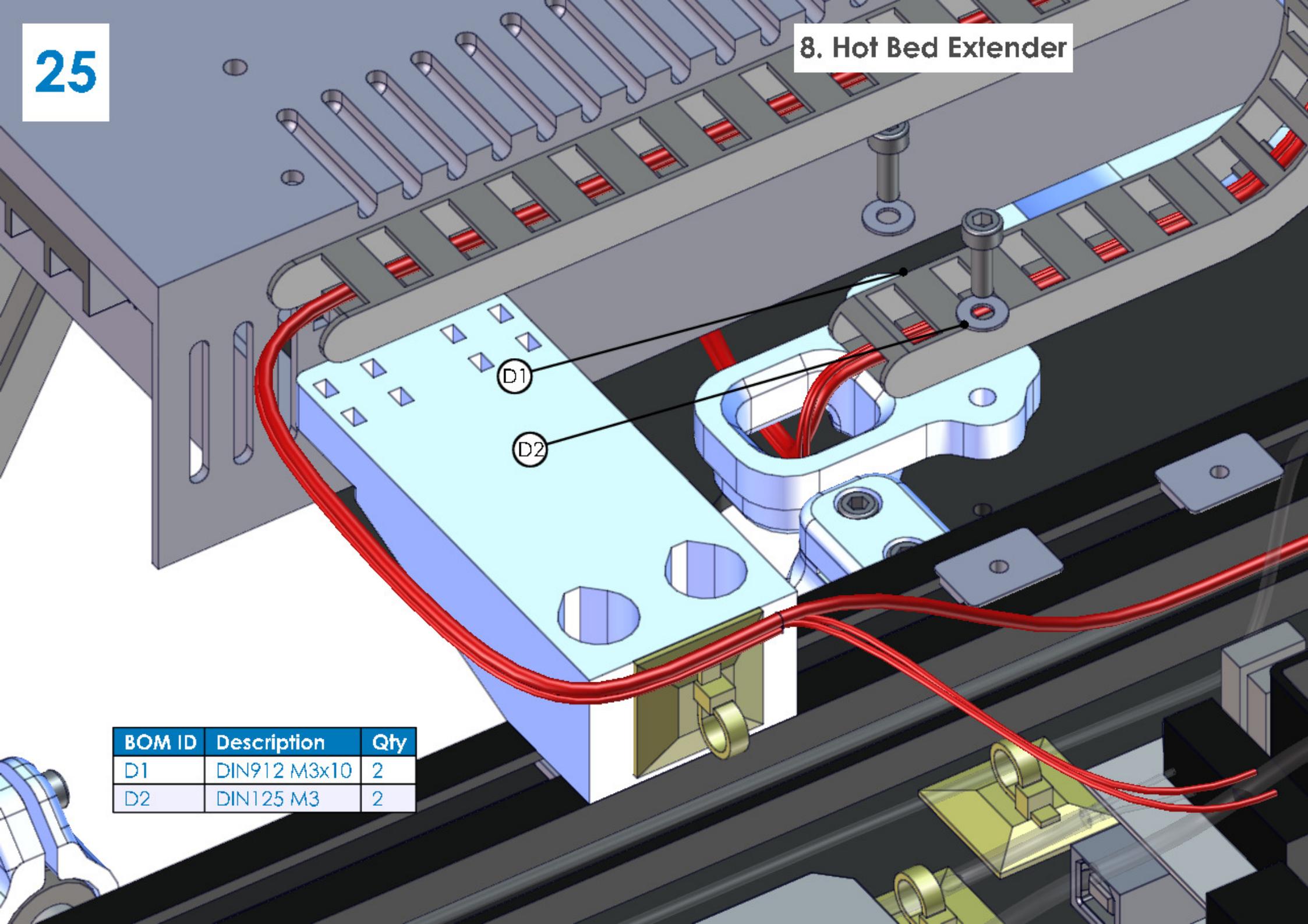


8. Hot Bed Extender



BOM ID	Description	Qty
C1	Hotbed Extender	1
C2	Cable chain upper mount	1
C3	Cable Chain Link	1

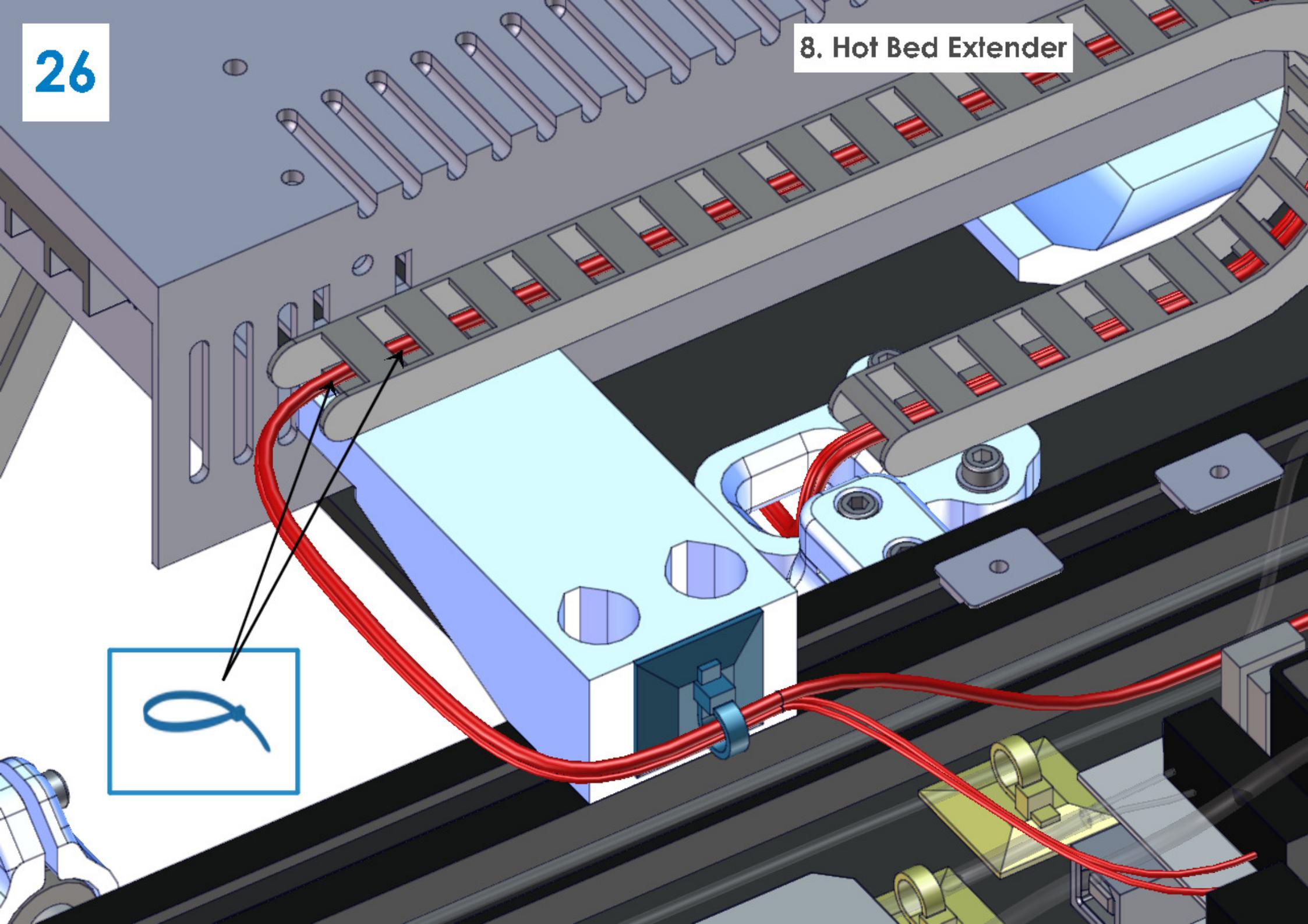
8. Hot Bed Extender



BOM ID	Description	Qty
D1	DIN912 M3x10	2
D2	DIN125 M3	2

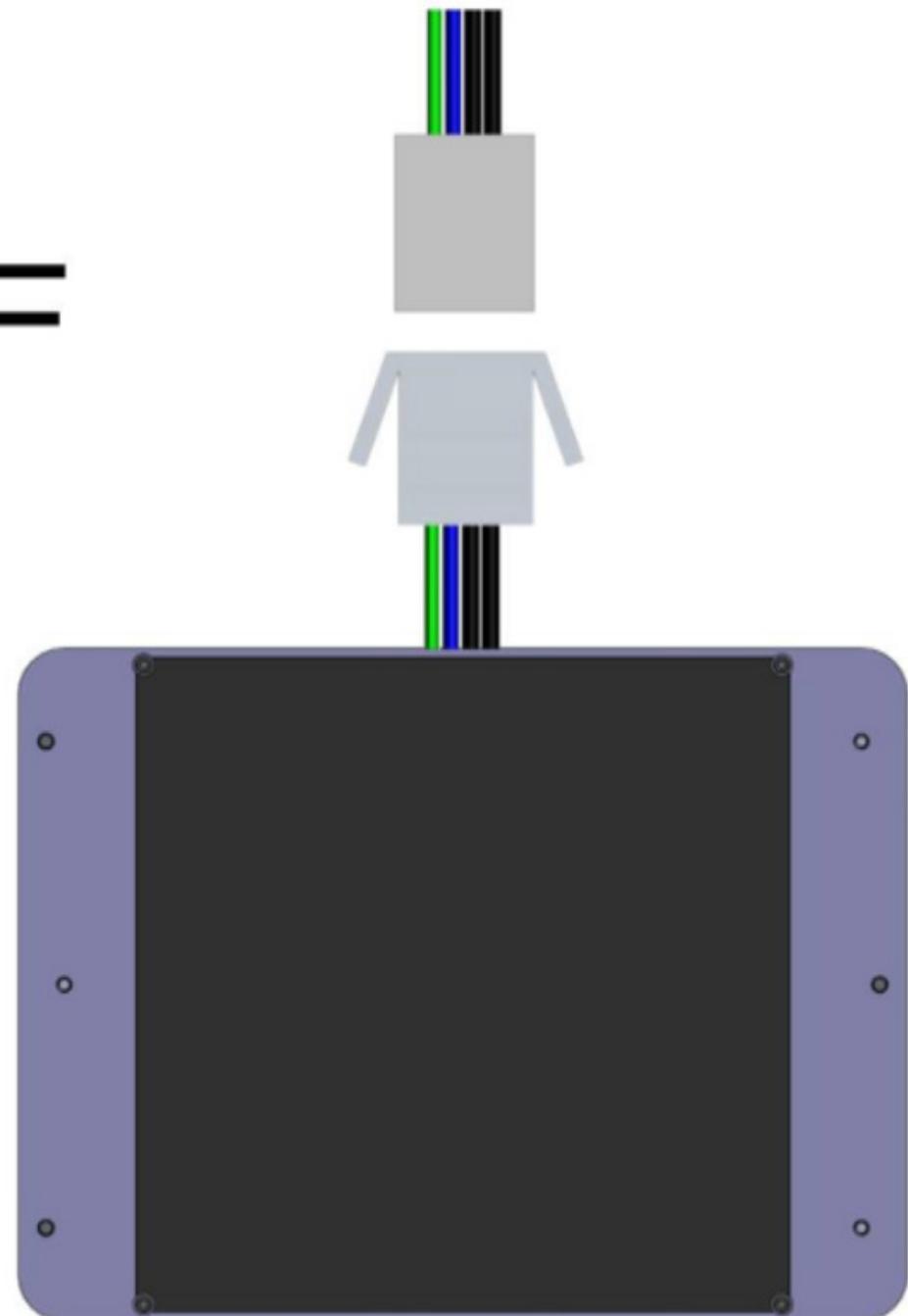
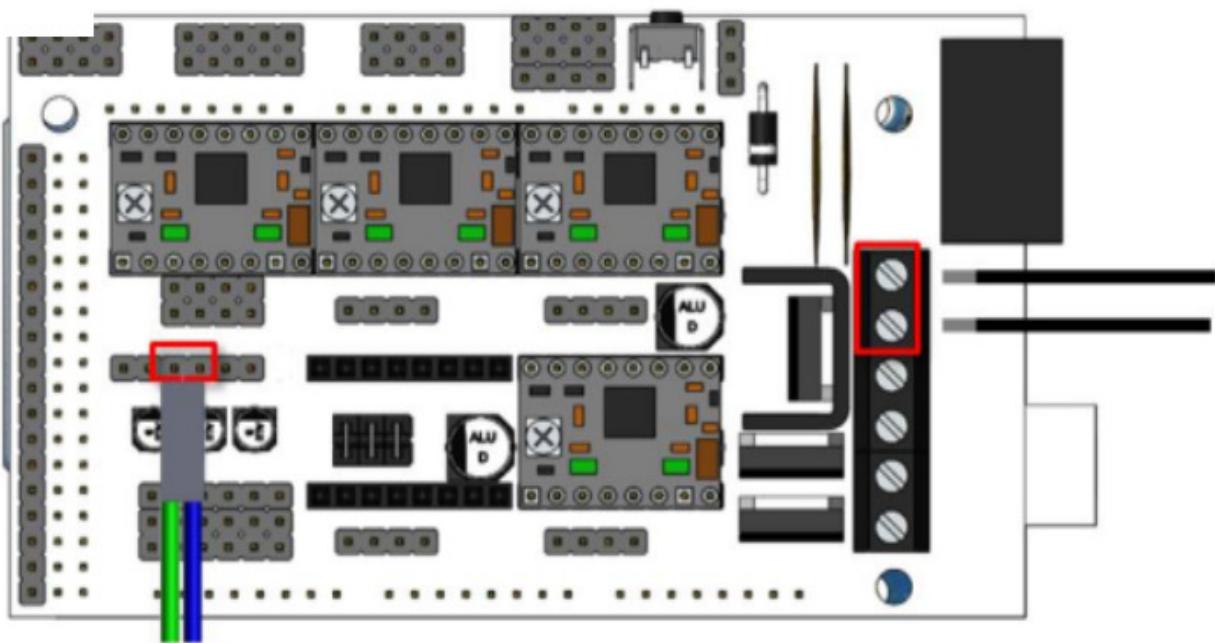
26

8. Hot Bed Extender

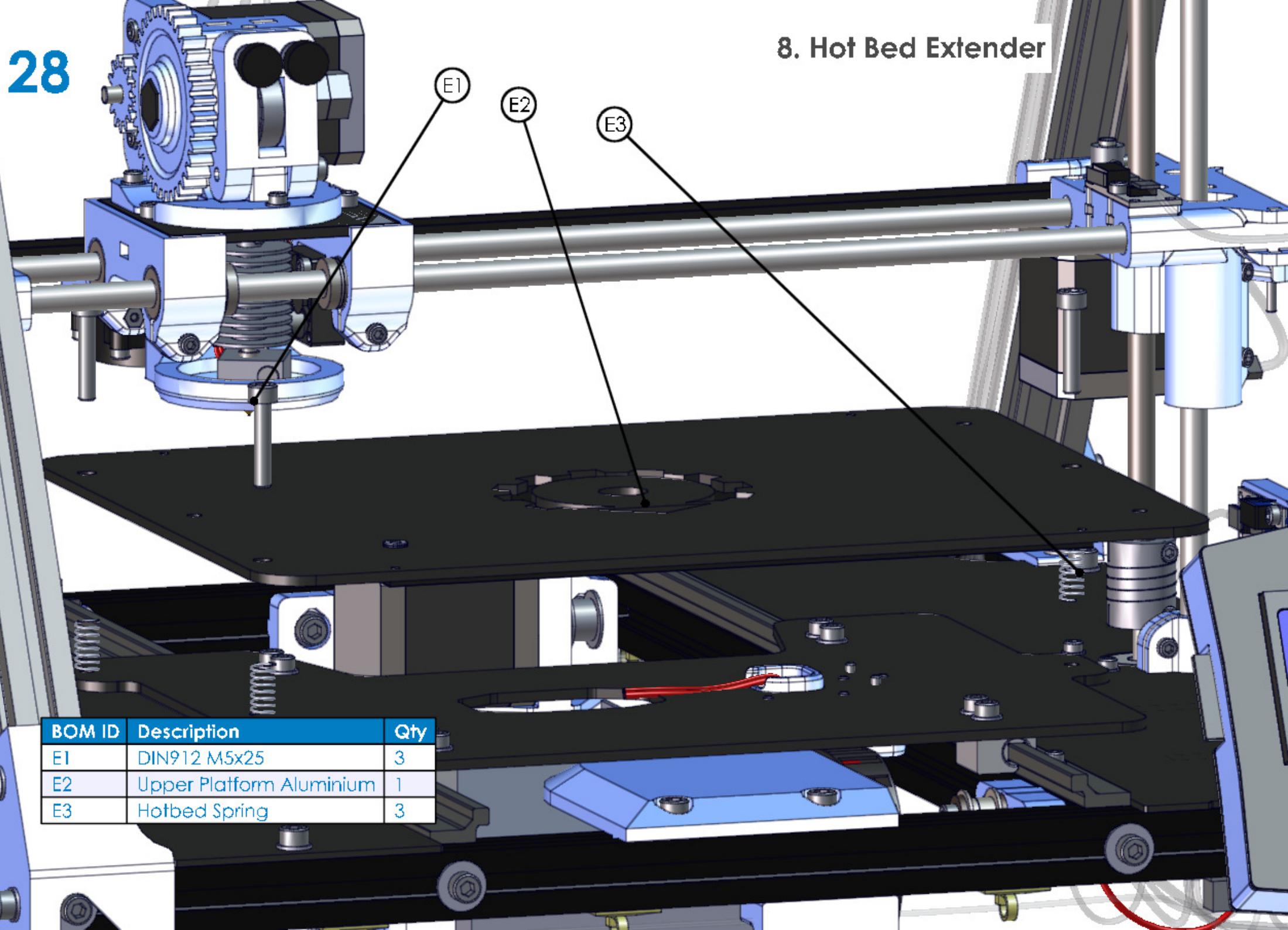


8. Hot Bed Extender

27

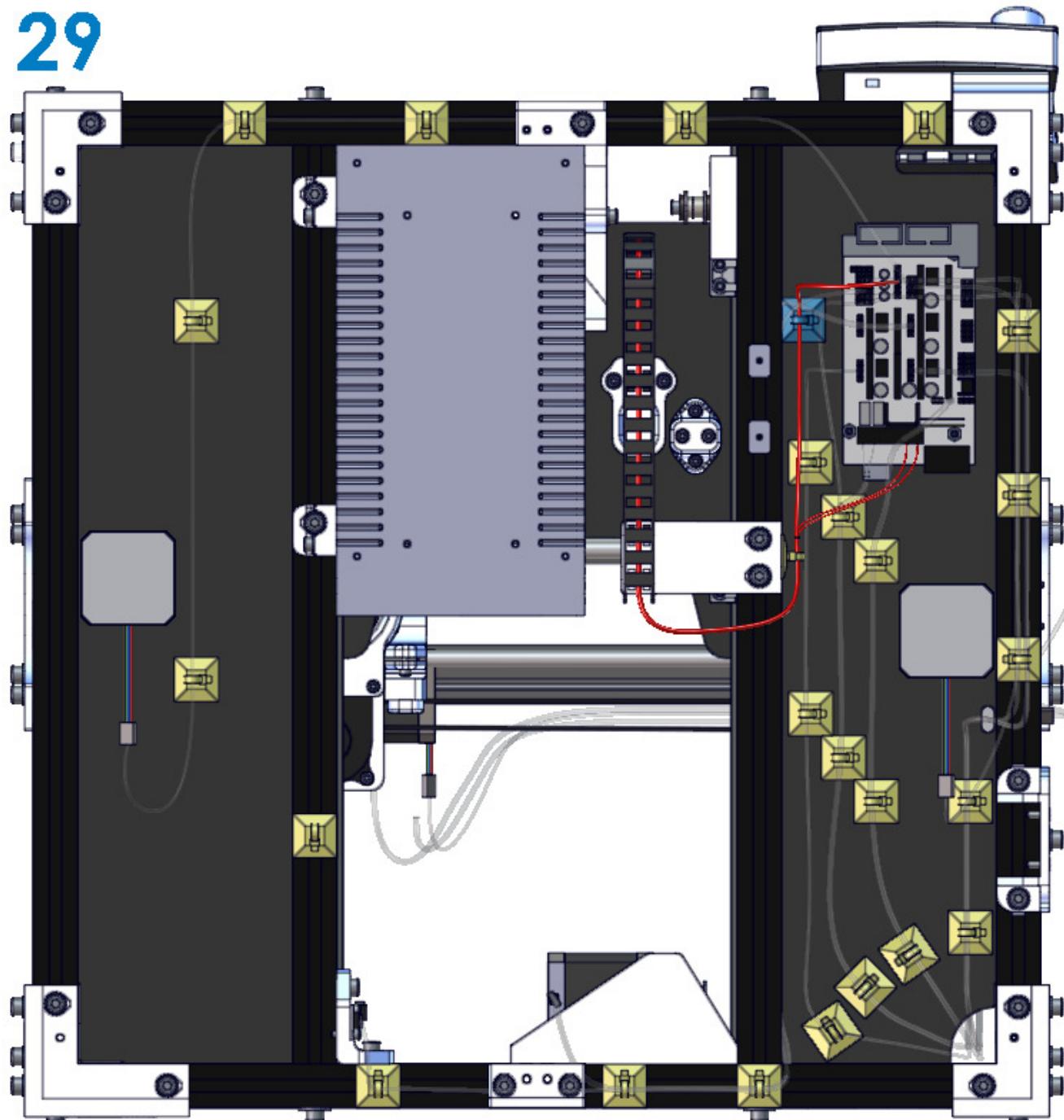


8. Hot Bed Extender

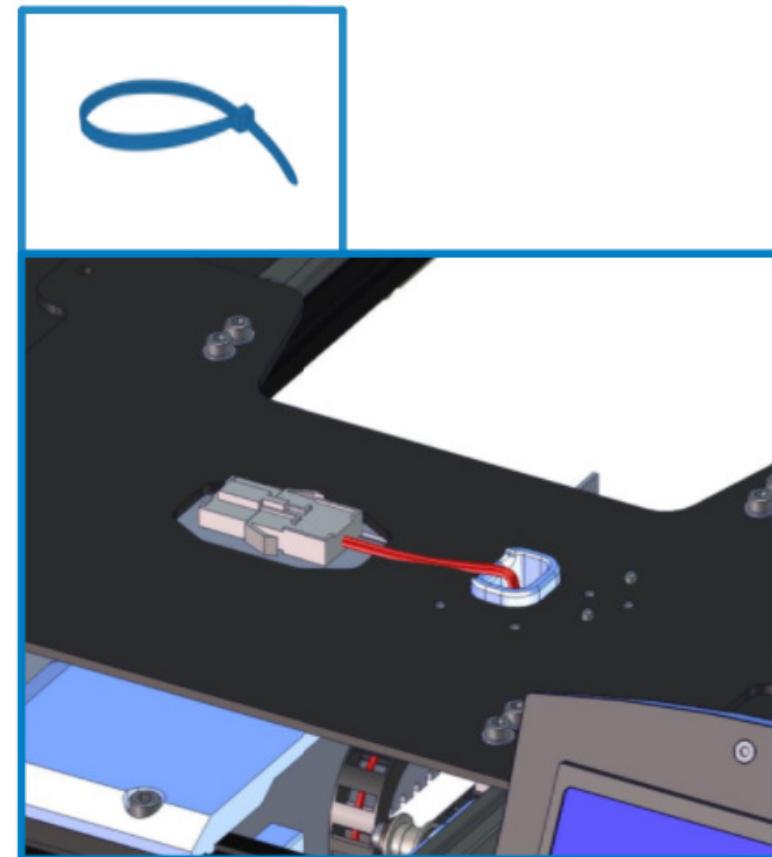


BOM ID	Description	Qty
E1	DIN912 M5x25	3
E2	Upper Platform Aluminium	1
E3	Hotbed Spring	3

29

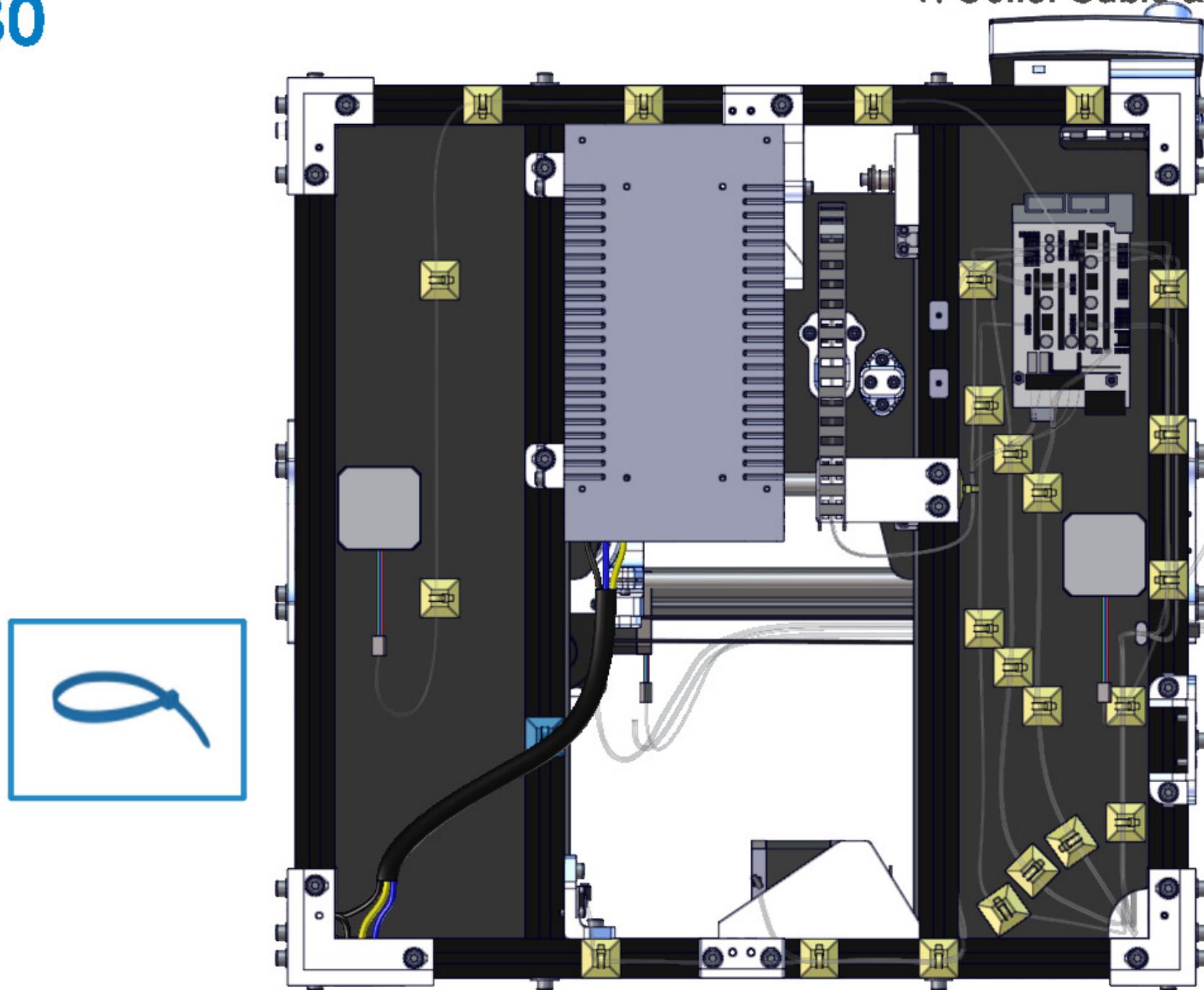


8. Hot Bed Extender



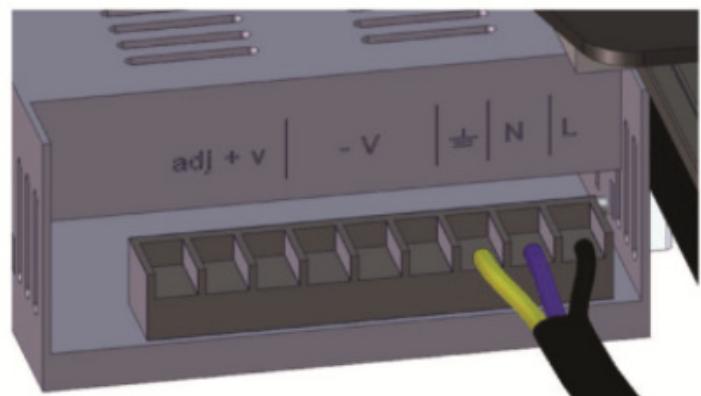
9. Outlet Cable & Outlet to Switch

30



9. Outlet Cable & Outlet to Switch

31



F1

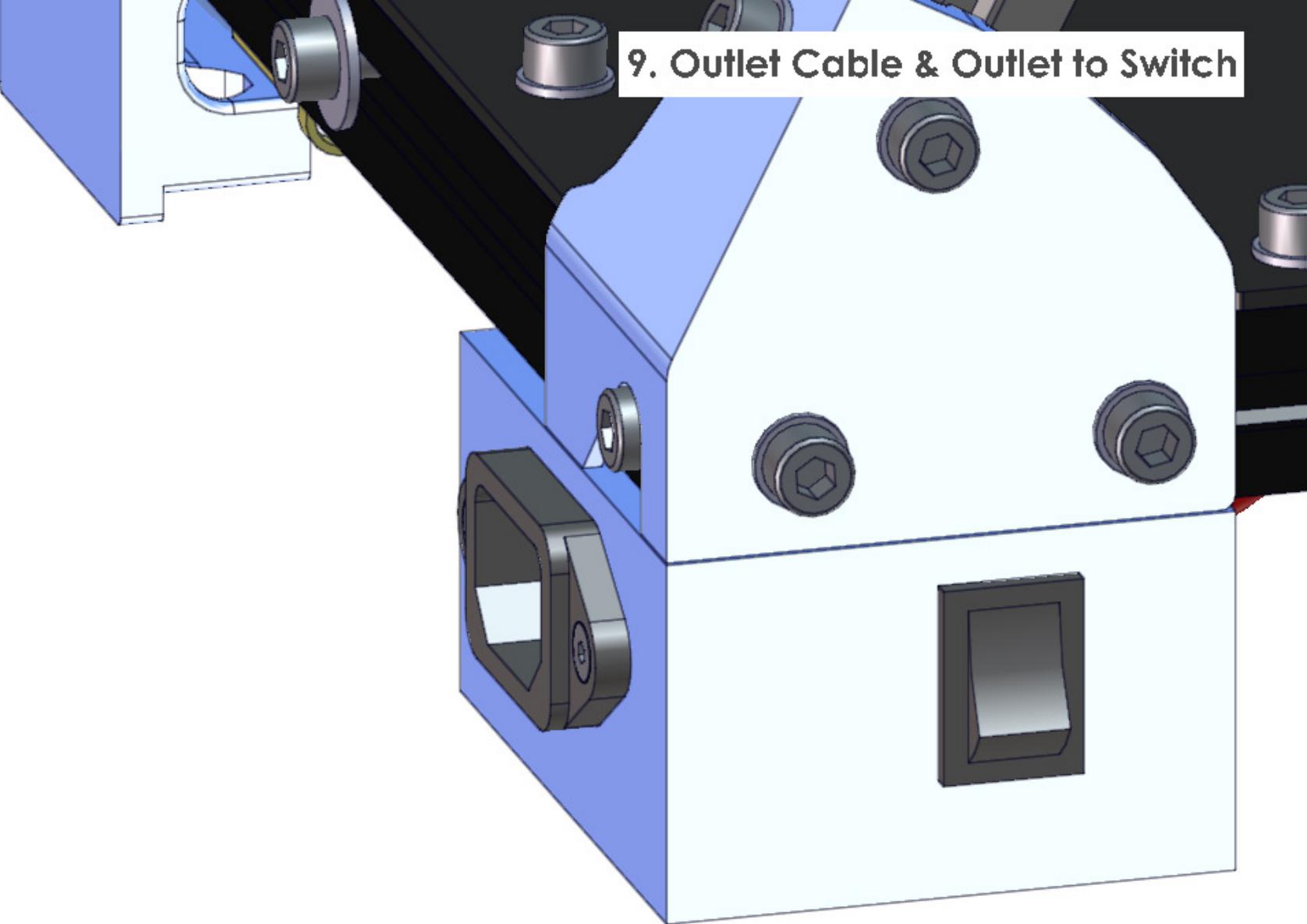
F2

F3

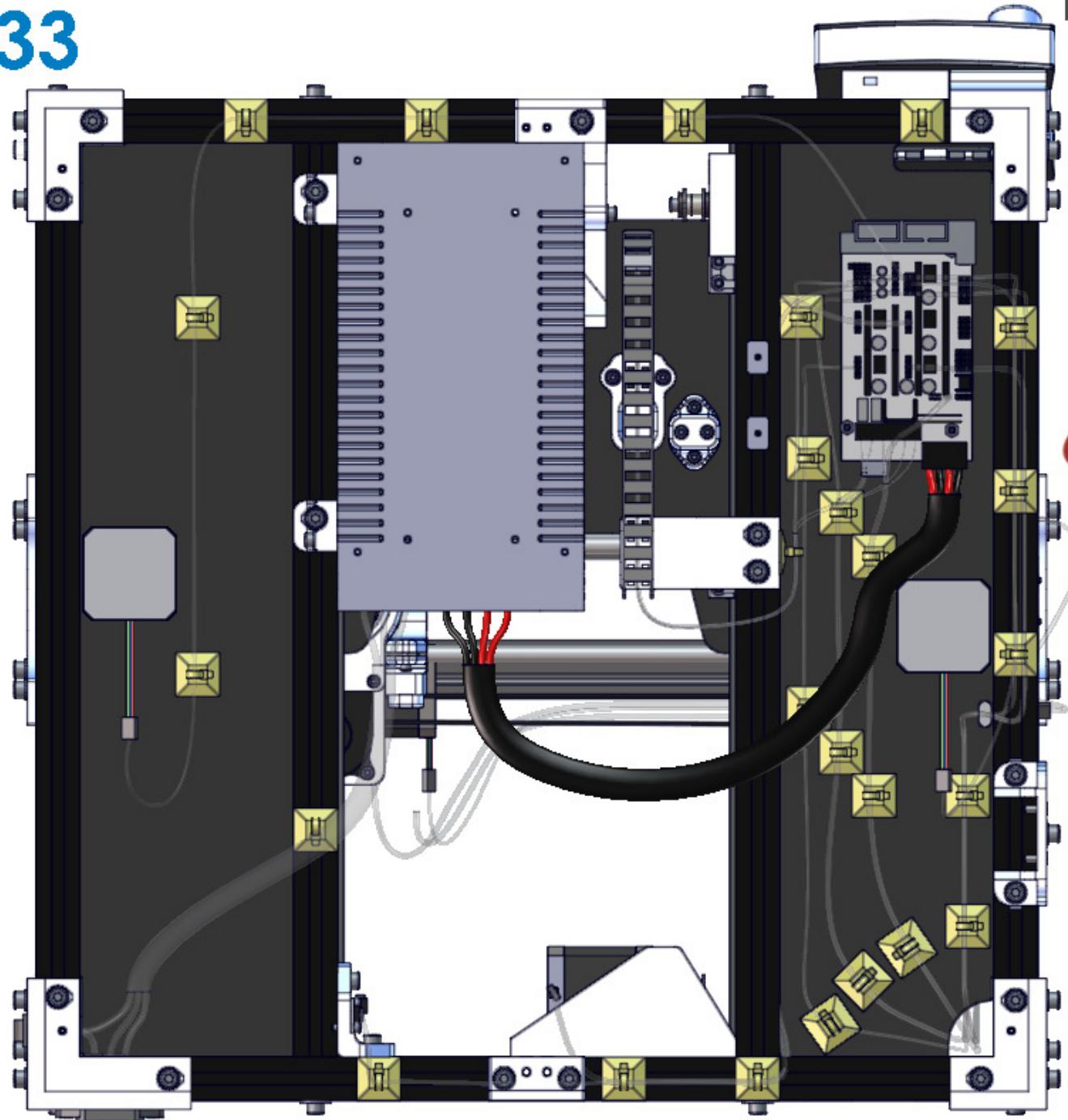
F4

BOM ID	Description	Qty
F1	DIN7991 M3x10	2
F2	Power Supply Connector	1
F3	DIN934 M3	3
F4	Power Supply Button	1

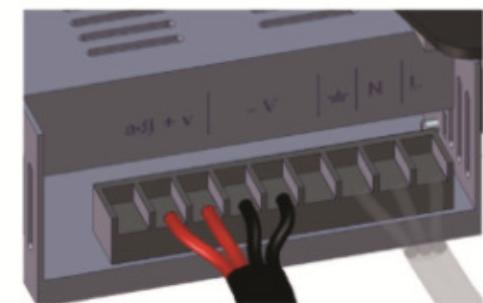
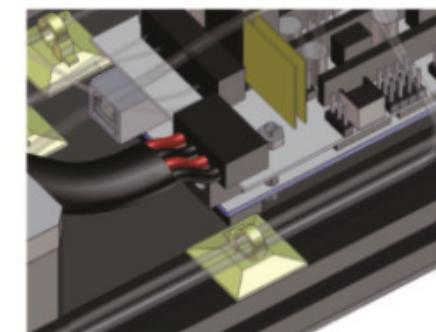
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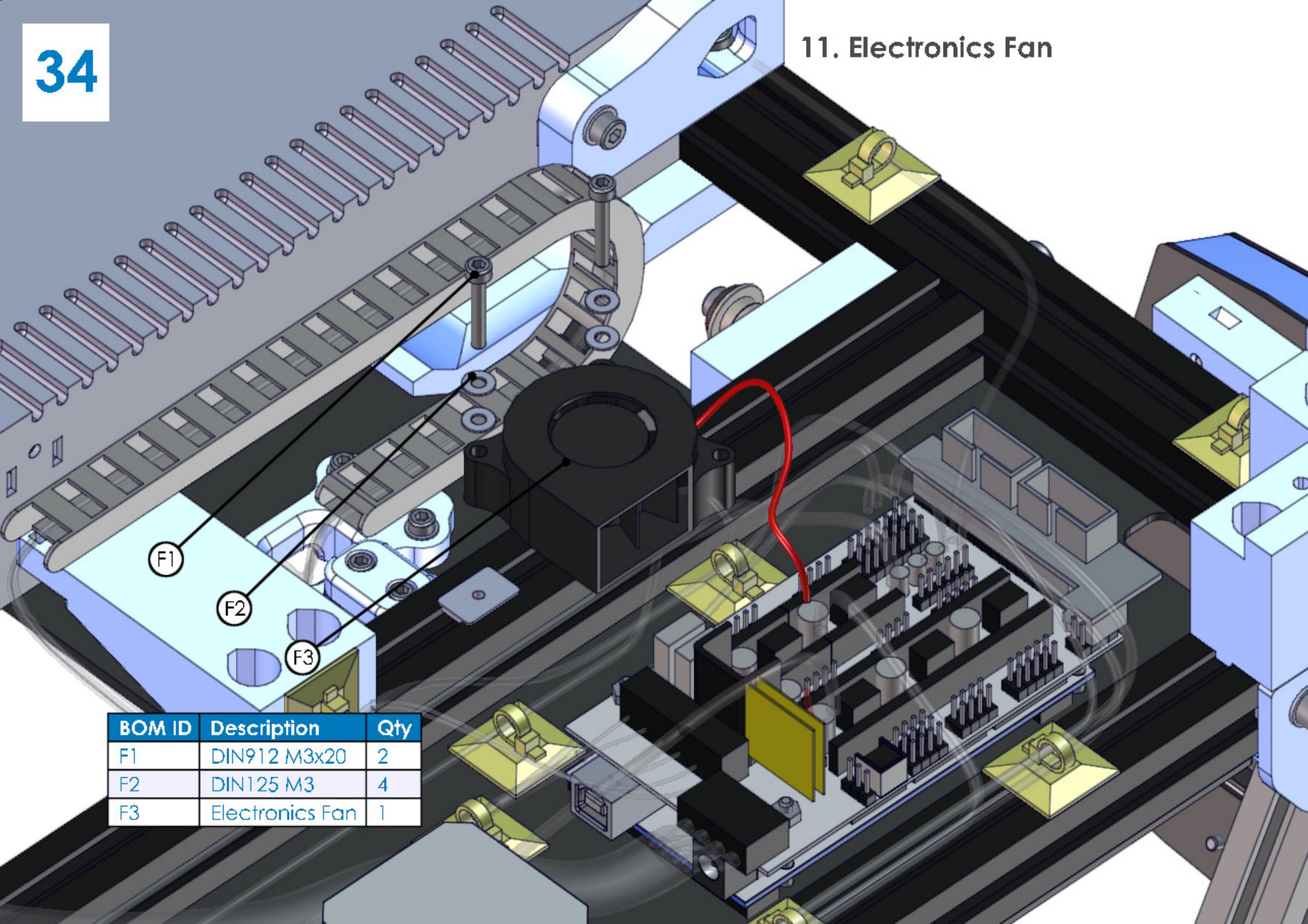
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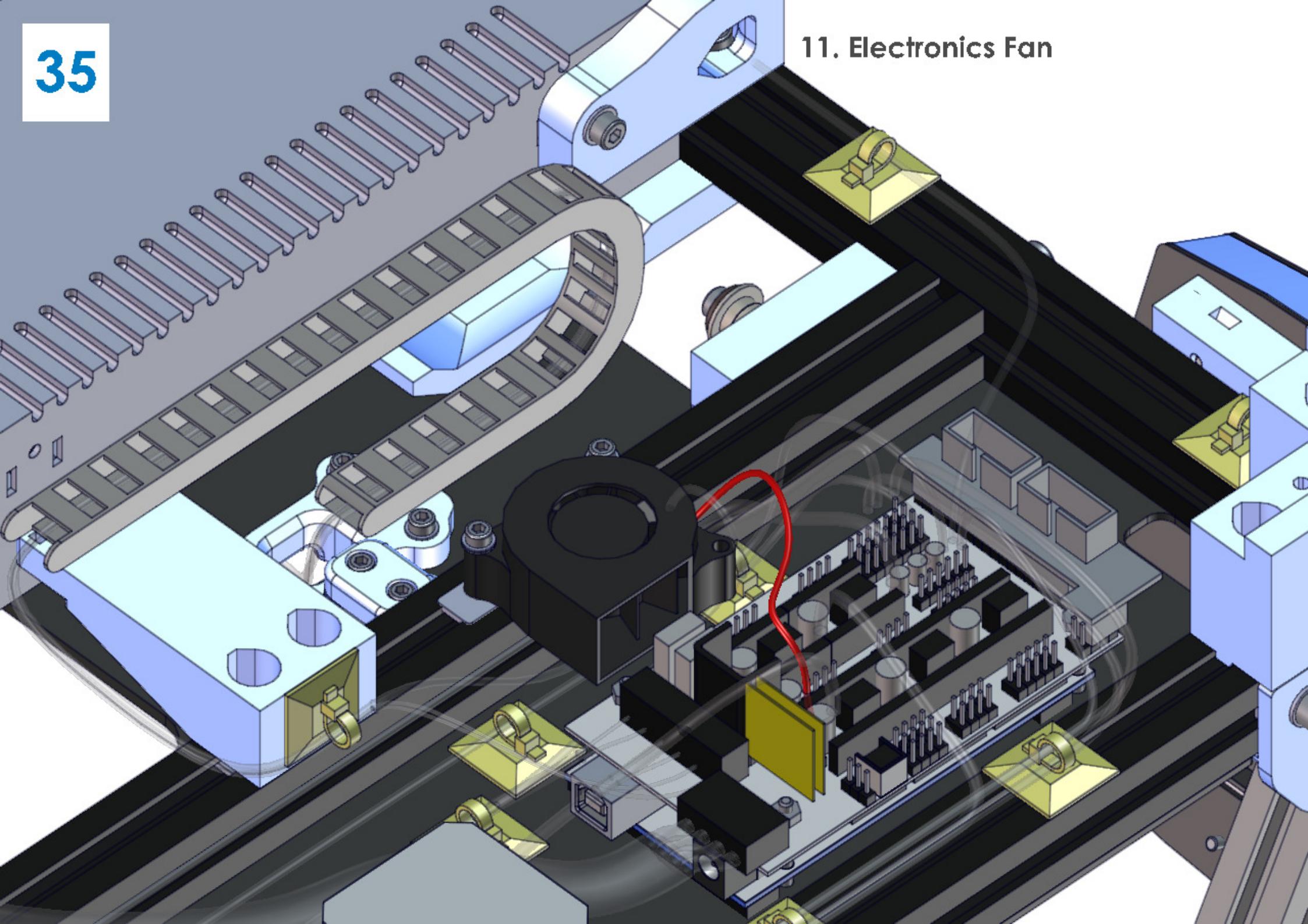
10. Electronics Cable



11. Electronics Fan

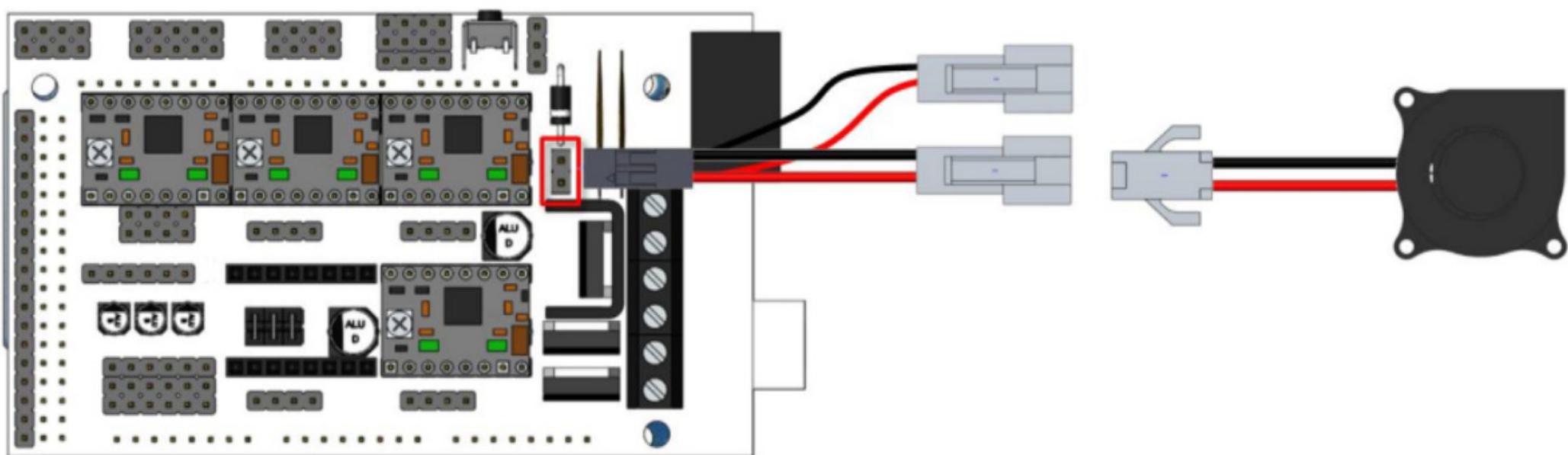


11. Electronics Fan

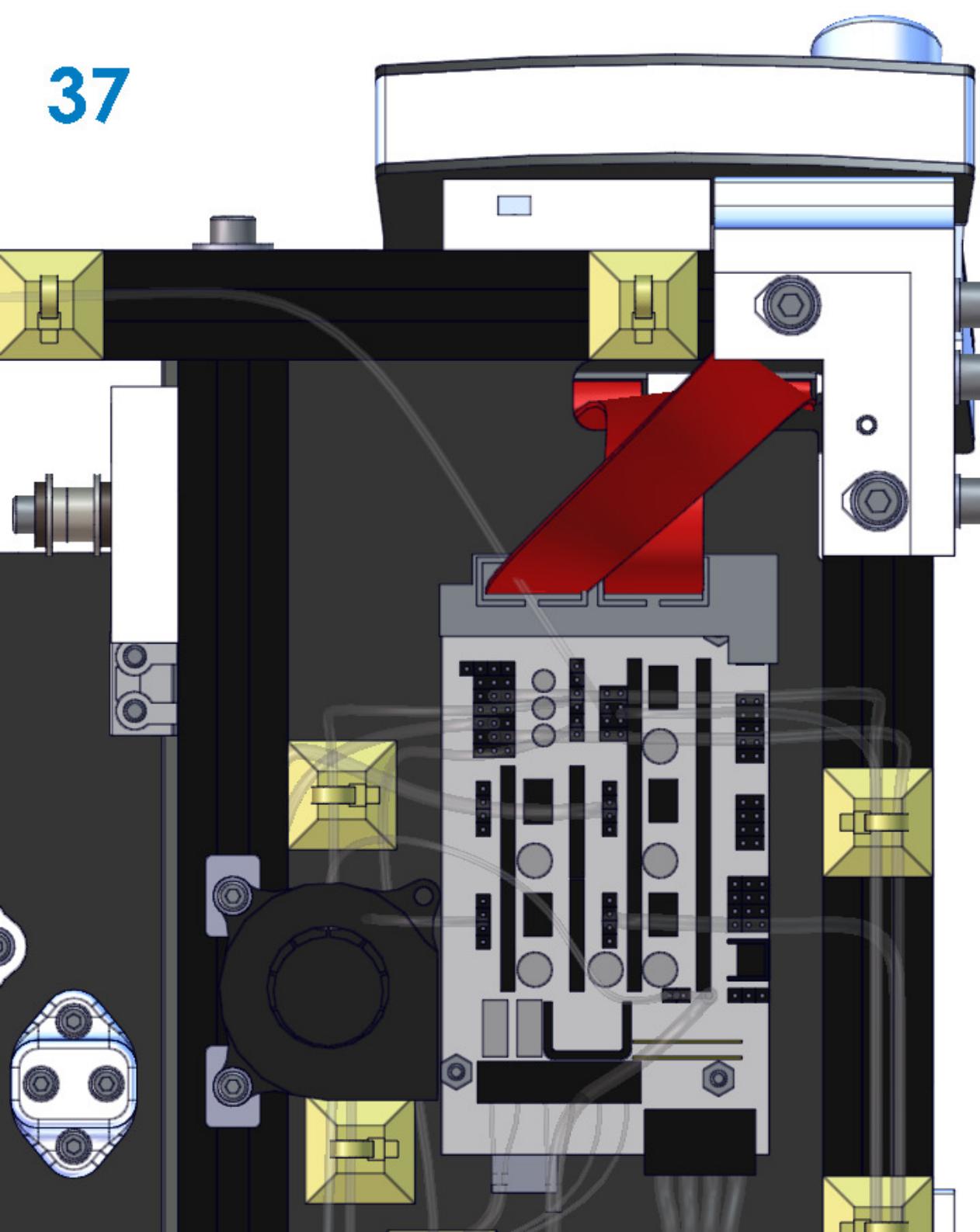


11. Electronics Fan

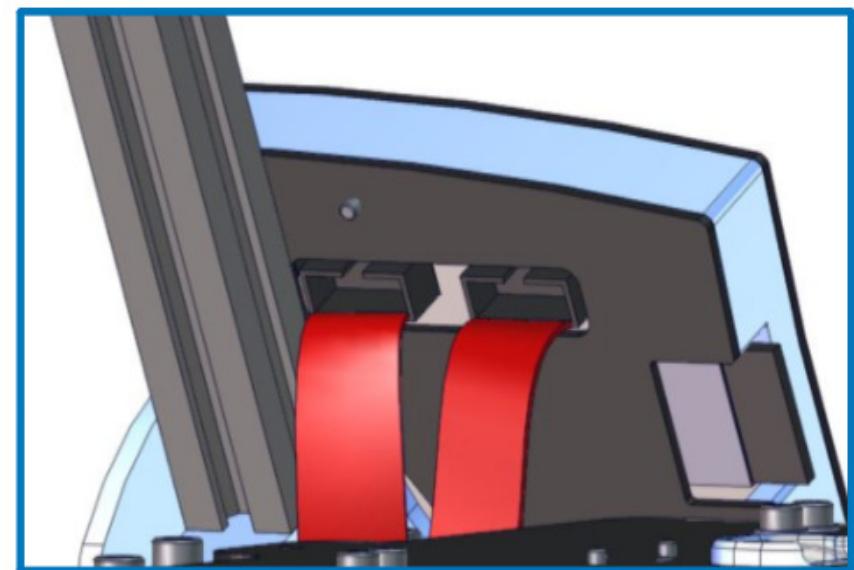
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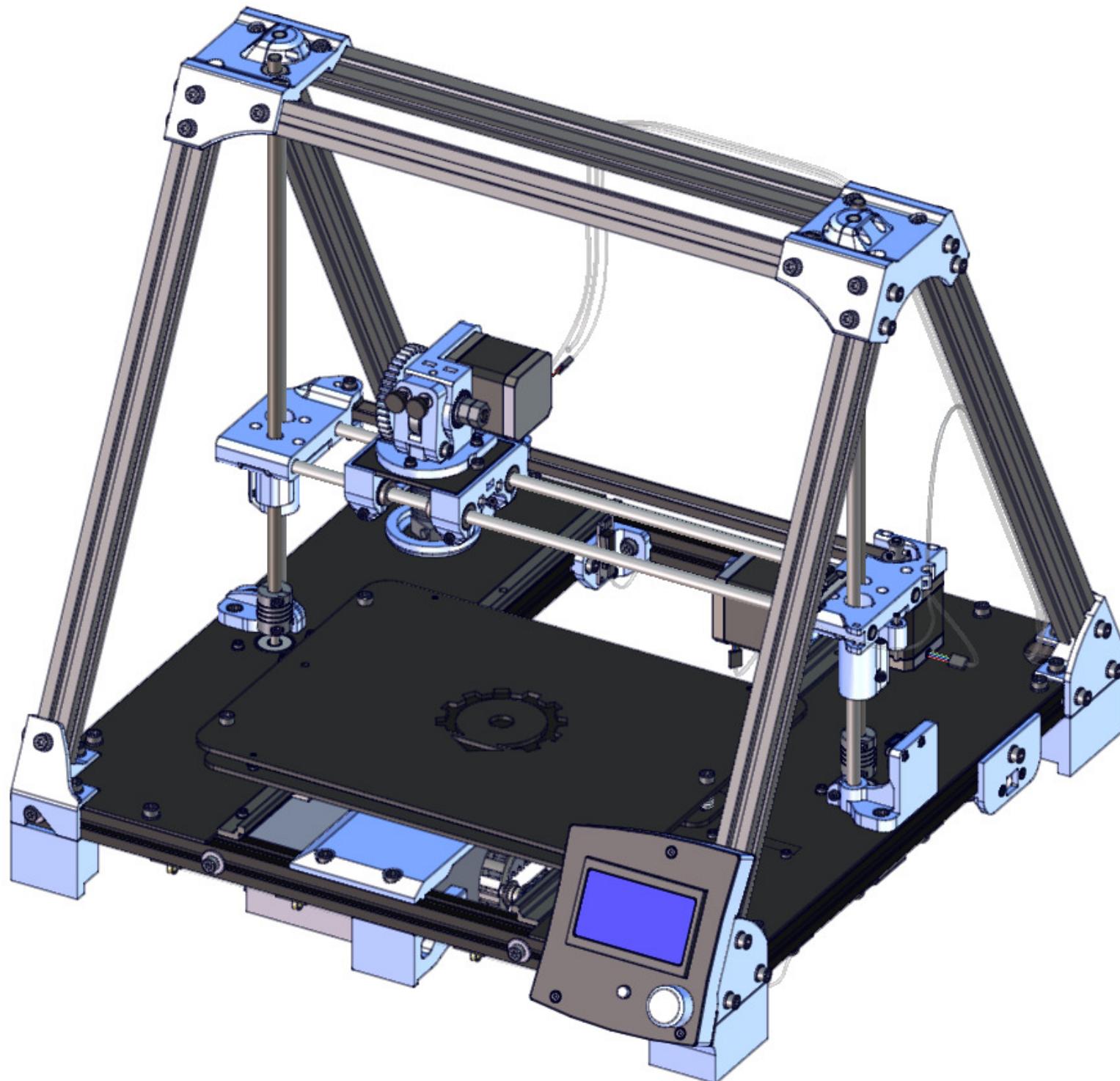
37



12. Screen



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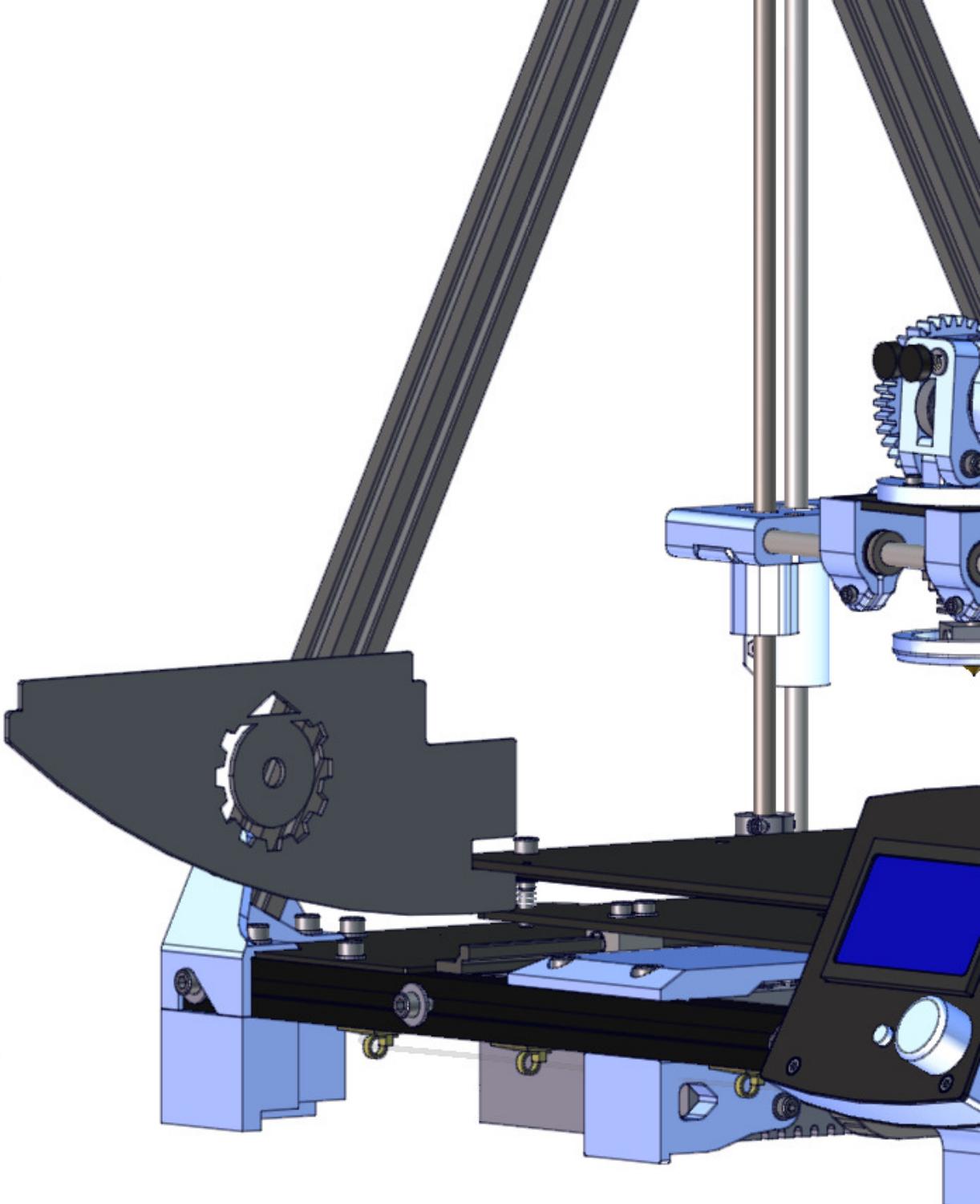


Procedimiento inicial de calibración de la base

Para mejorar la robustez y evitar la descalibración decreciente de la base es necesario tener los muelles con una mínima compresión.

1. Usa el útil de montaje como referencia. Coloca la entalla entre las dos planchas de aluminio, tal y como se muestra en la figura.
2. Aprieta el tornillo regulador más cercano, comprimiendo el muelle hasta que la distancia entre ambas planchas es justo la de la entalla del útil de montaje
3. Repite el proceso colocando el útil cerca de los otros dos tornillos.

Tras la puesta en marcha se acabará de calibrar la impresora. Pero la distancia entre las planchas NUNCA debe ser mayor a la que ahora se ha determinado.



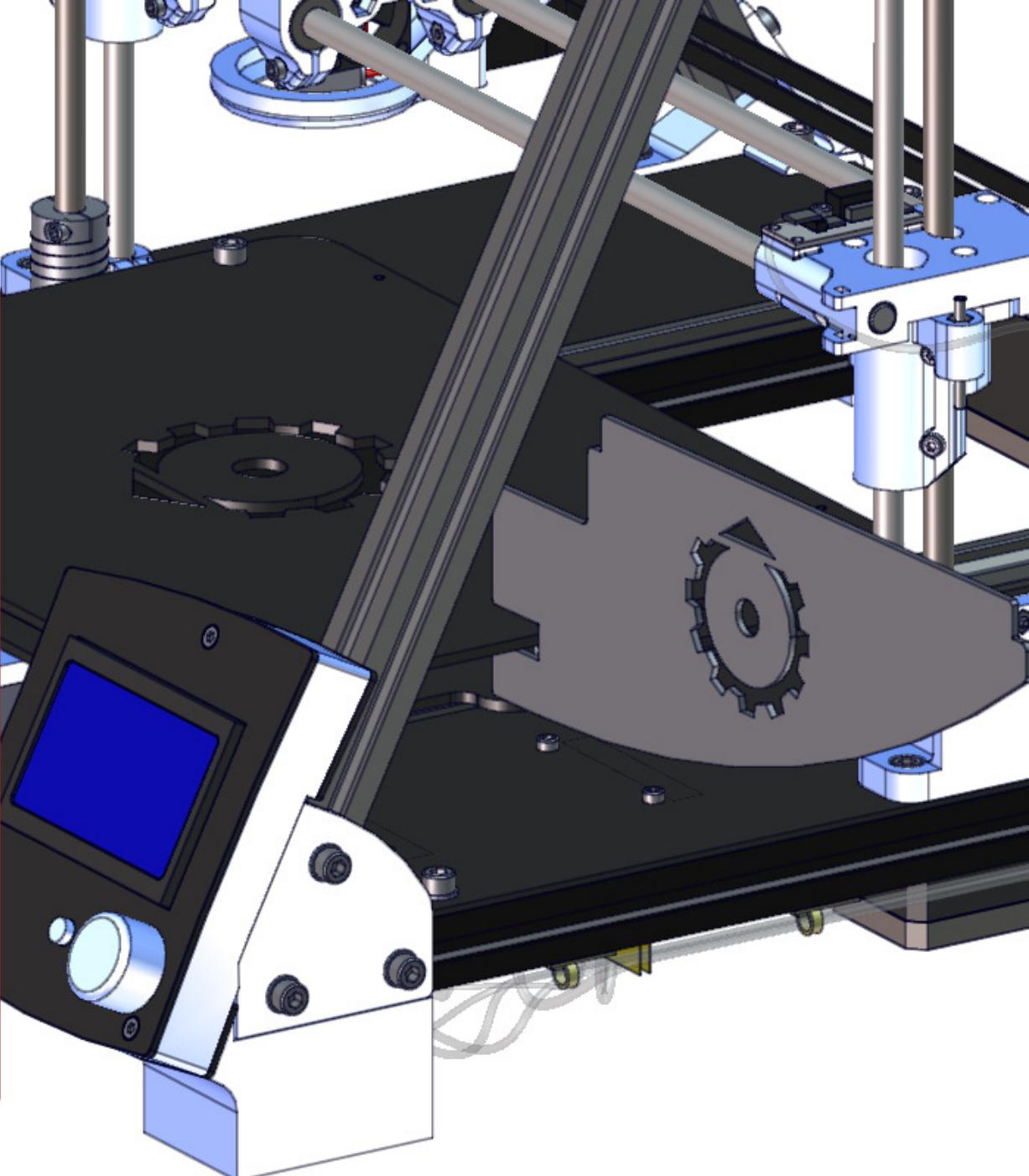


Procedimiento inicial de calibración de la base

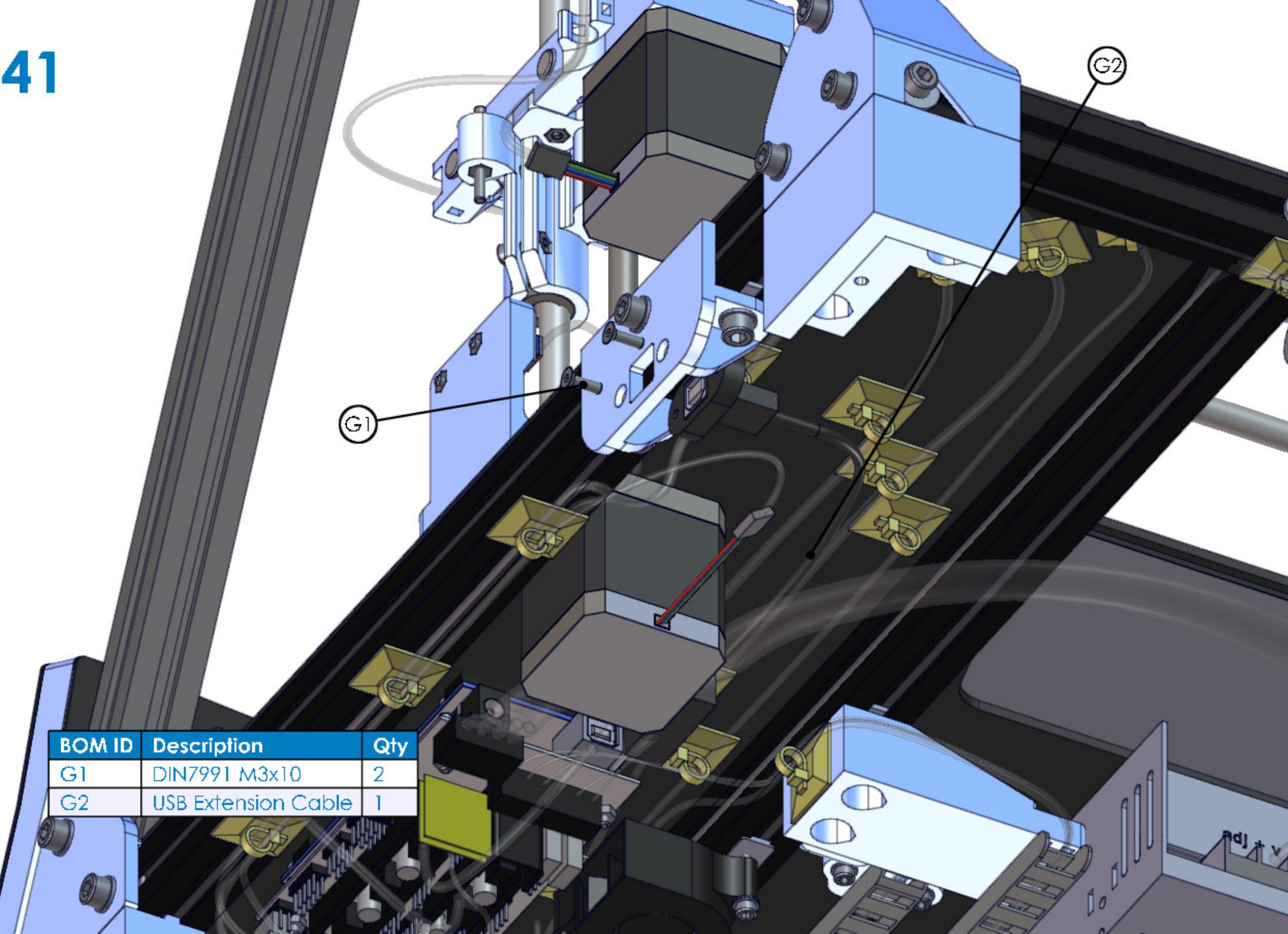
Para mejorar la robustez y evitar la descalibración frecuente de la base es necesario tener los muelles con una mínima compresión.

1. Usa el útil de montaje como referencia. Coloca la entalla entre las dos planchas de aluminio, tal y como se muestra en la figura.
2. Aprieta el tornillo regulador más cercano, comprimiendo el muelle hasta que la distancia entre ambas planchas es justo la de la entalla del útil de montaje
3. Repite el proceso colocando el útil cerca de los otros dos tornillos.

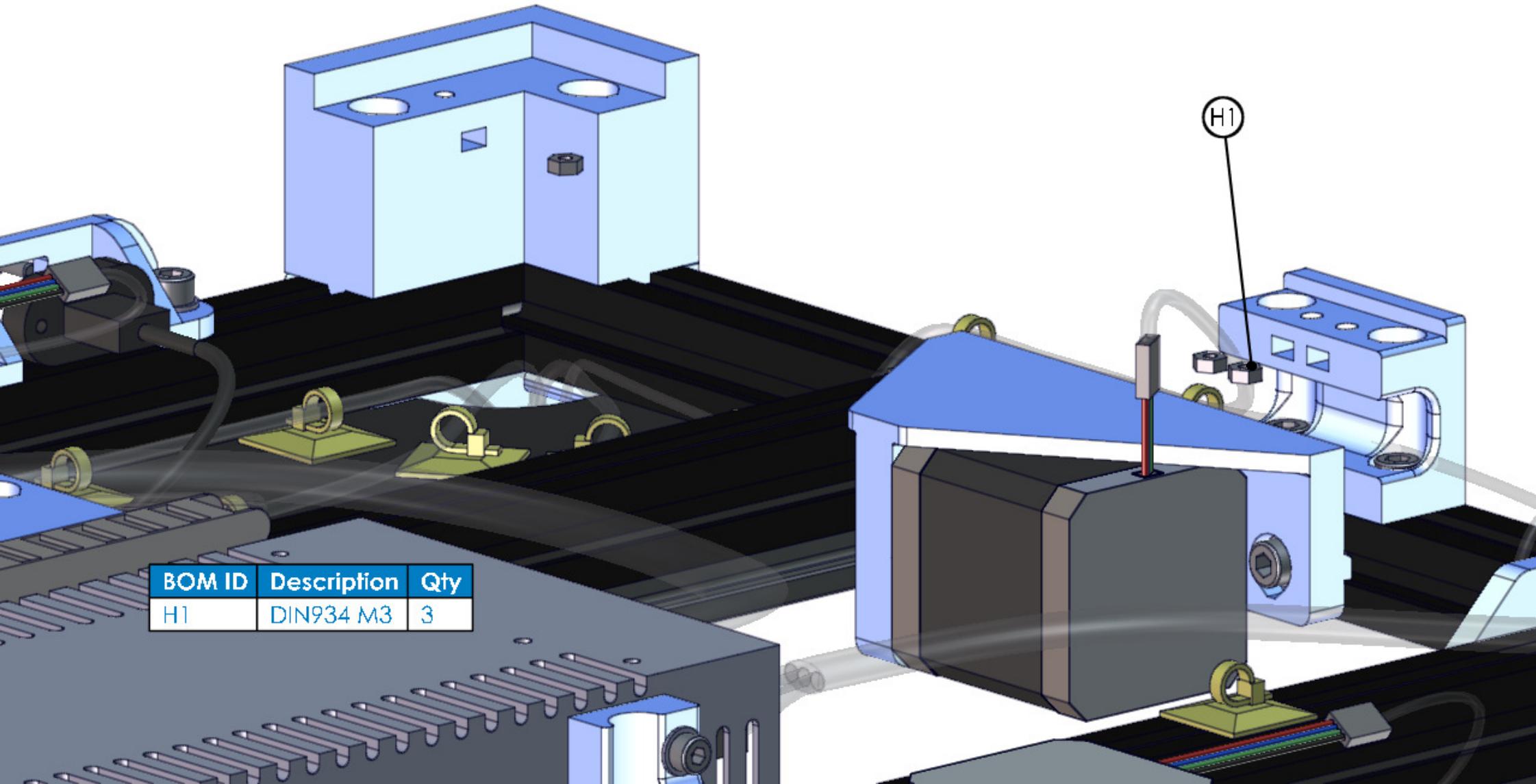
Tras la puesta en marcha se acabará de calibrar la impresora. Pero la distancia entre las planchas NUNCA debe ser mayor a la que ahora se ha determinado.



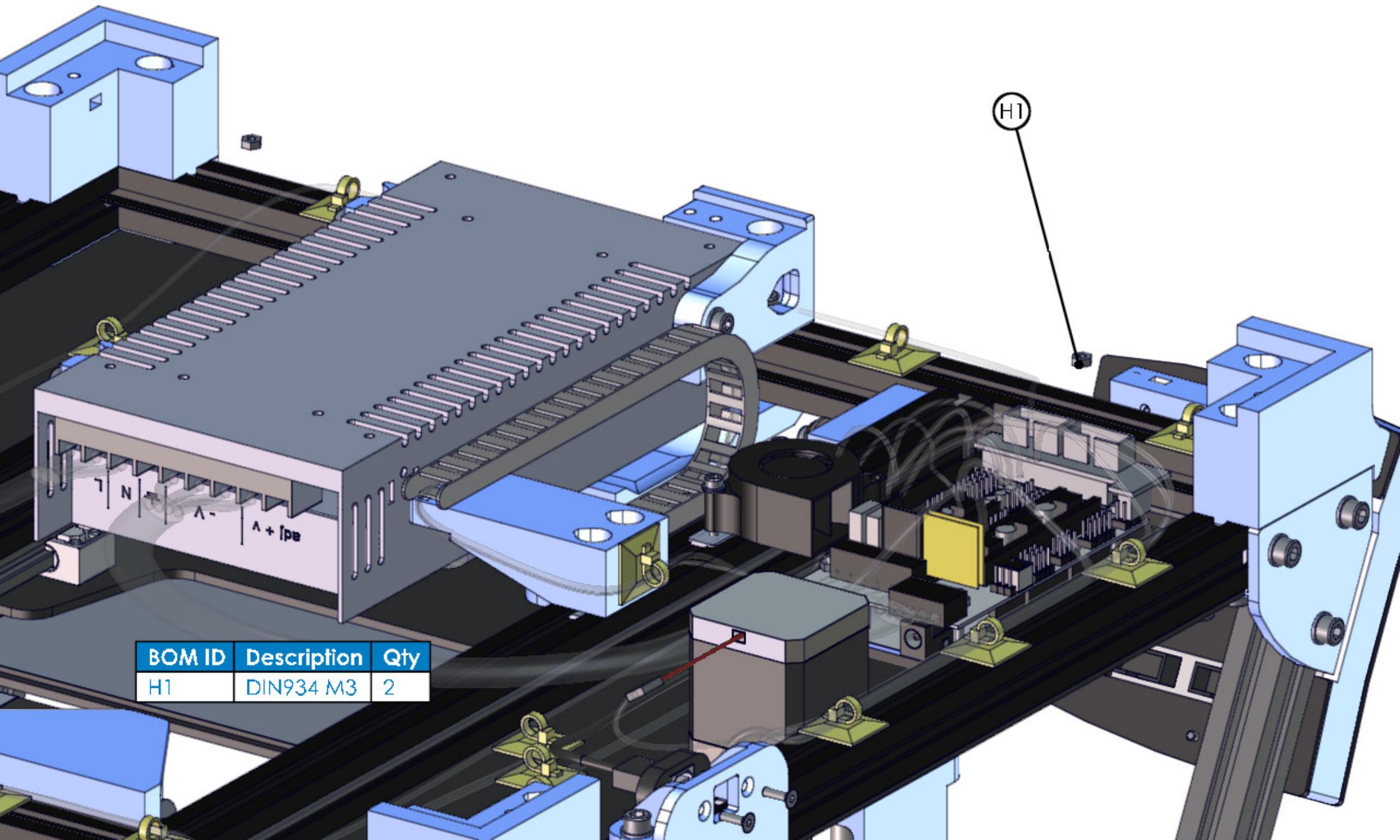
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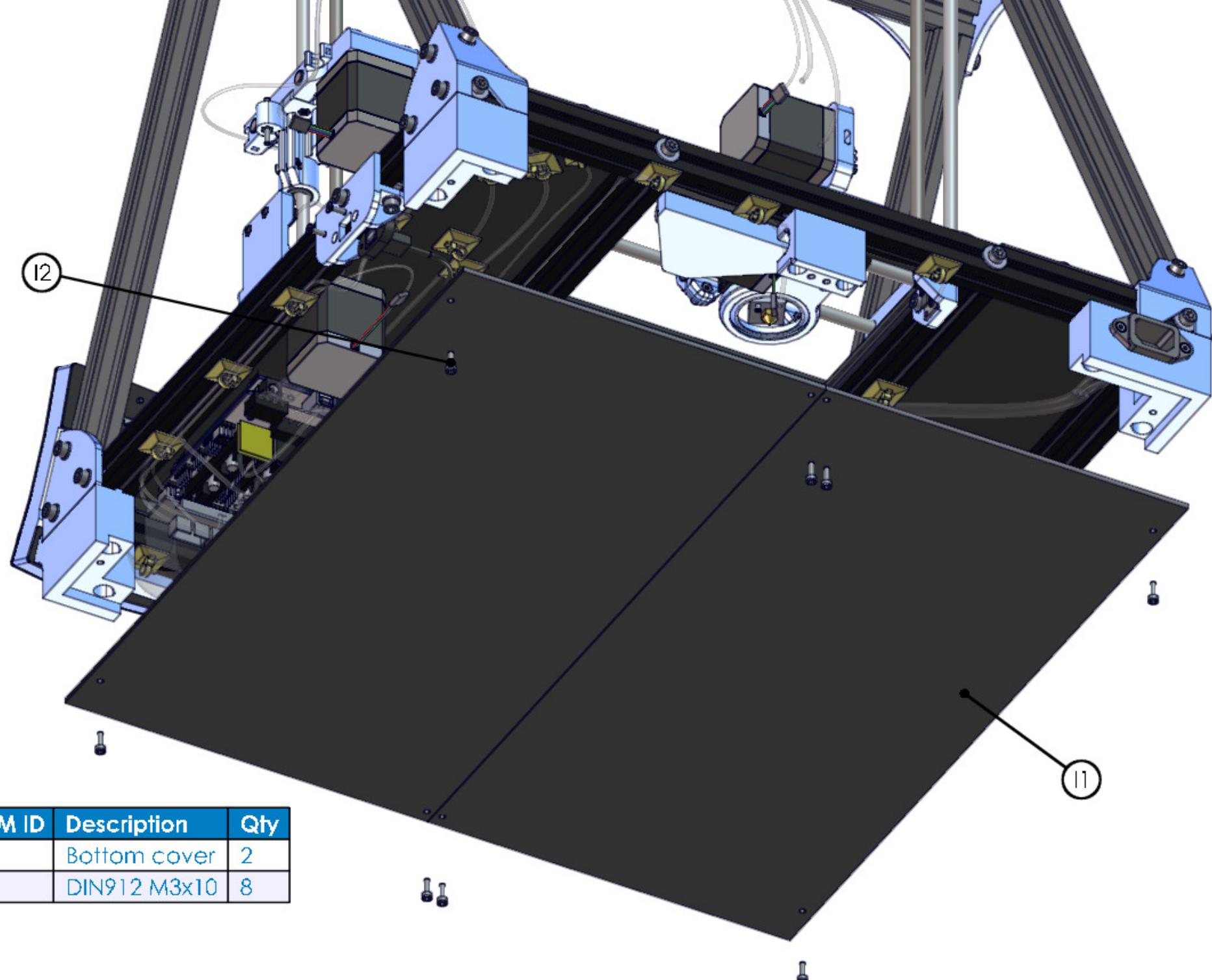


BOM ID	Description	Qty
G1	DIN7991 M3x10	2
G2	USB Extension Cable	1



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BOM ID	Description	Qty
I1	Bottom cover	2
I2	DIN912 M3x10	8

45

