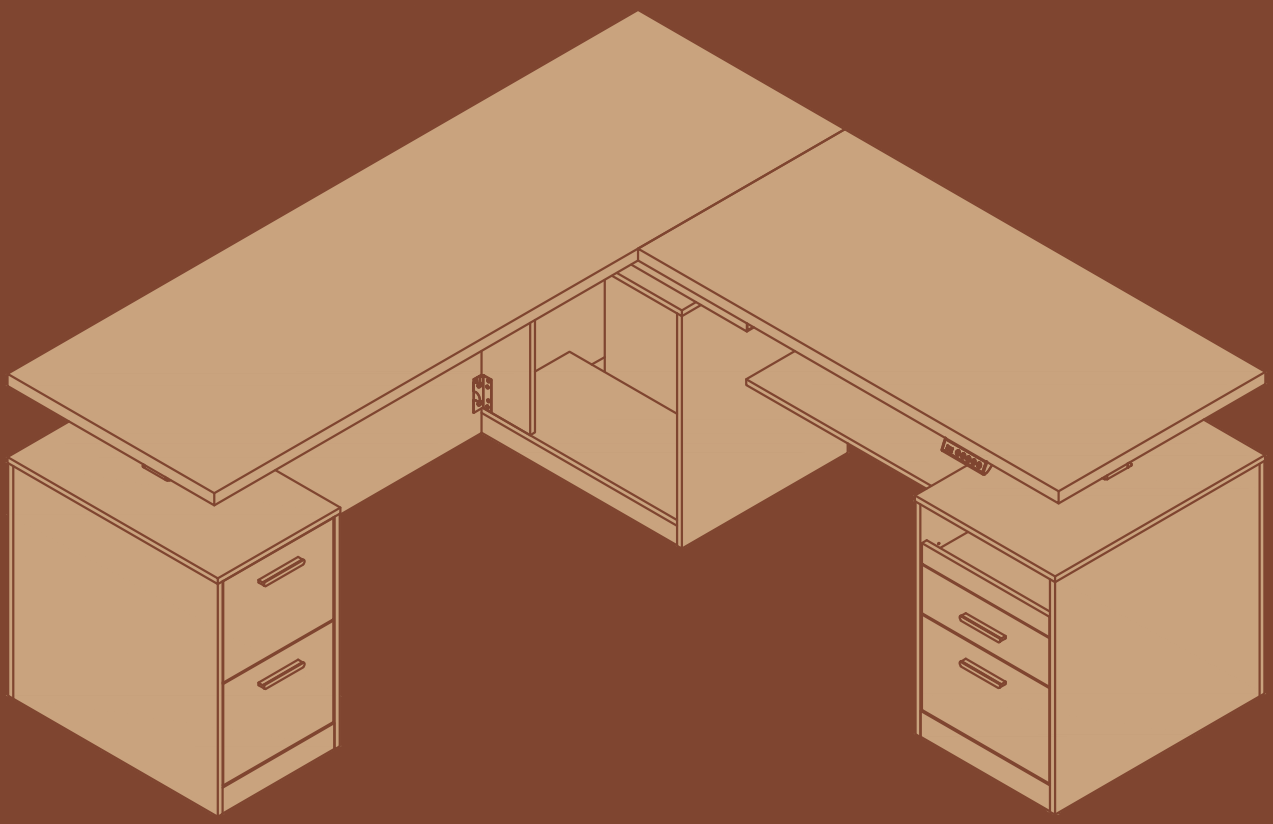
ModernMate

ASSEMBLY INSTRUCTION



STANDING DESK

INTRODUCTION

Thank you for purchasing our products. Please read the instructions carefully before installation and keep it in a safe place for future reference. If you need any assistance or support, please feel free to contact our customer support team.

PRECAUTIONS

1. There are many components and accessories in the package. Each component and accessory is labeled with a letter or a number, check carefully before using any of them. Keep them away from children to prevent accidents.

2. Please install the product on a clean and soft underlay (such as carpet or cardboard) to avoid scratching or damaging the surface of the product.

3. The main components of the product is relatively heavy. Please pay attention to safety during installation.

4. The product is not stable during installation. Please do not move it randomly before it is completely installed.

5. If you have any questions during installation, please contact the customer service in time.

* Please be sure to follow the installation steps in the manual to avoid unnecessary losses caused by improper installation.

* If you need further assistance,please contact the customer service online.

Parts List

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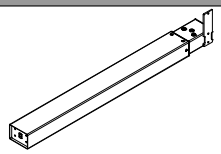
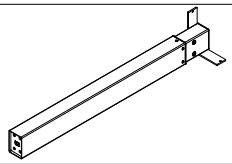
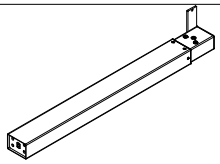
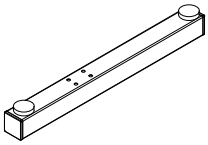
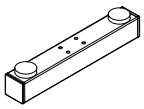
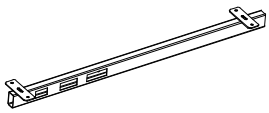
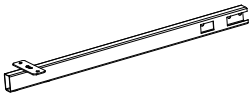
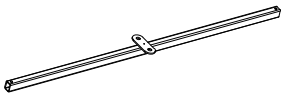
1		1
2		1
3		1
4		2
5		1
6		1
7		1
8		2
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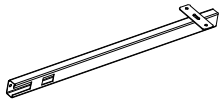
10		2

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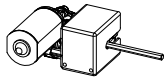
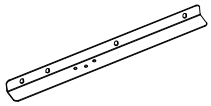
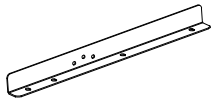
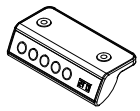
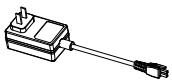
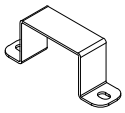
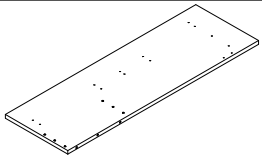
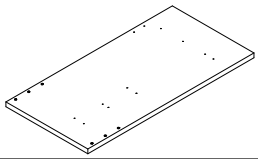
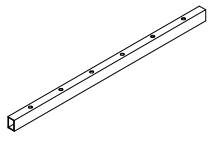
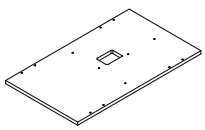
11		1
12		1
13		1
14		1
15		1
16		6
17		1
18		1
19		2
20		1

Hardware List

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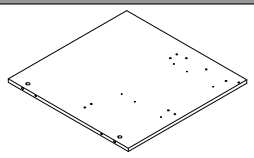
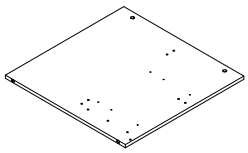
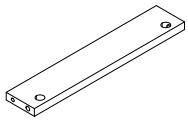
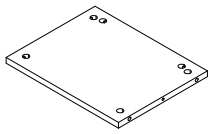
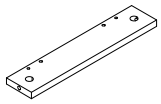
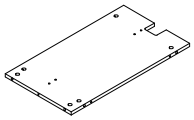
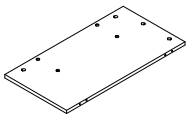
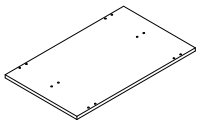
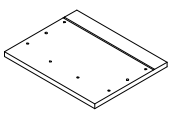
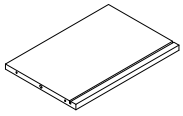
21		1
22		1
23		1
24		1
25		1
26		1
27		2
28		1
29		2
30		2

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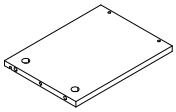
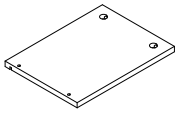
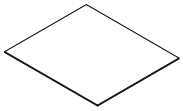
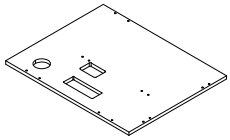
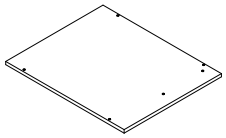
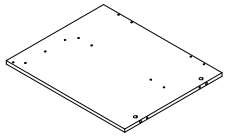
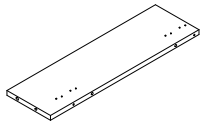
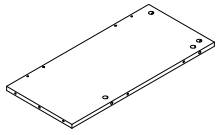
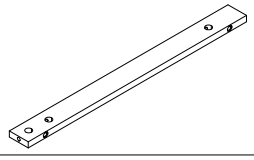
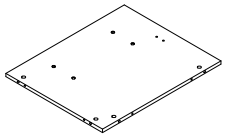
31		3
32		3
33		2
34		1
35		1
36		1
37		1
38		1
39		1
40		1

Hardware List

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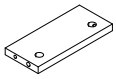
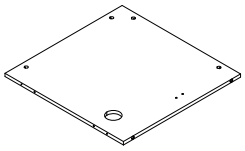
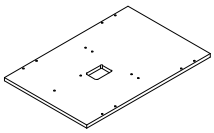
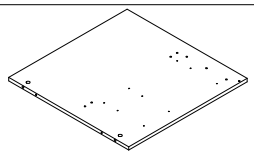
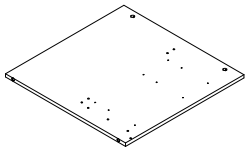
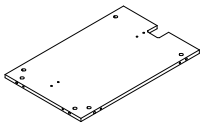
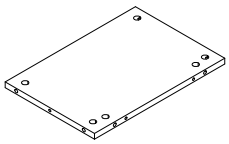
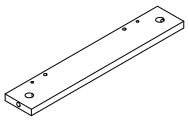
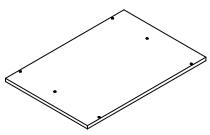
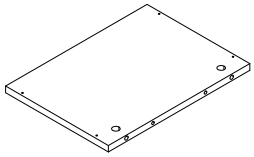
41		1
42		1
43		1
44		1
45		1
46		1
47		1
48		1
49		1
50		1

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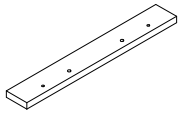
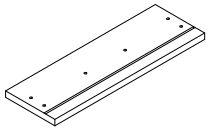
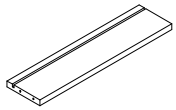
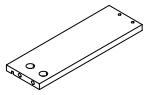
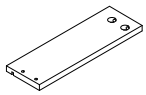
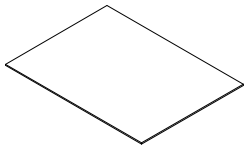
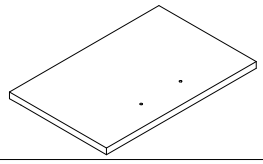
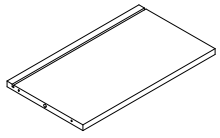
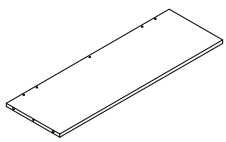
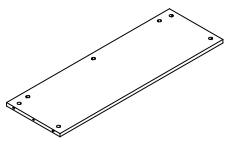
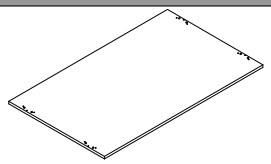
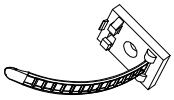
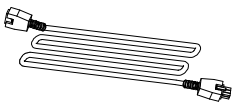
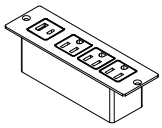
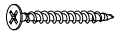
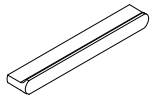
51		1
52		1
53		1
54		1
55		1
56		2
57		1
58		1
59		1
60		1

Hardware List

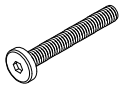
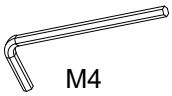
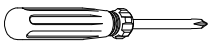
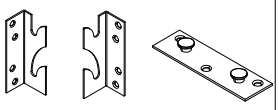
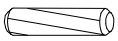
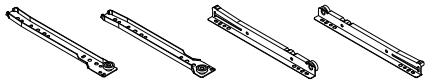
ID	Parts	QTY
61		1

Hardware List

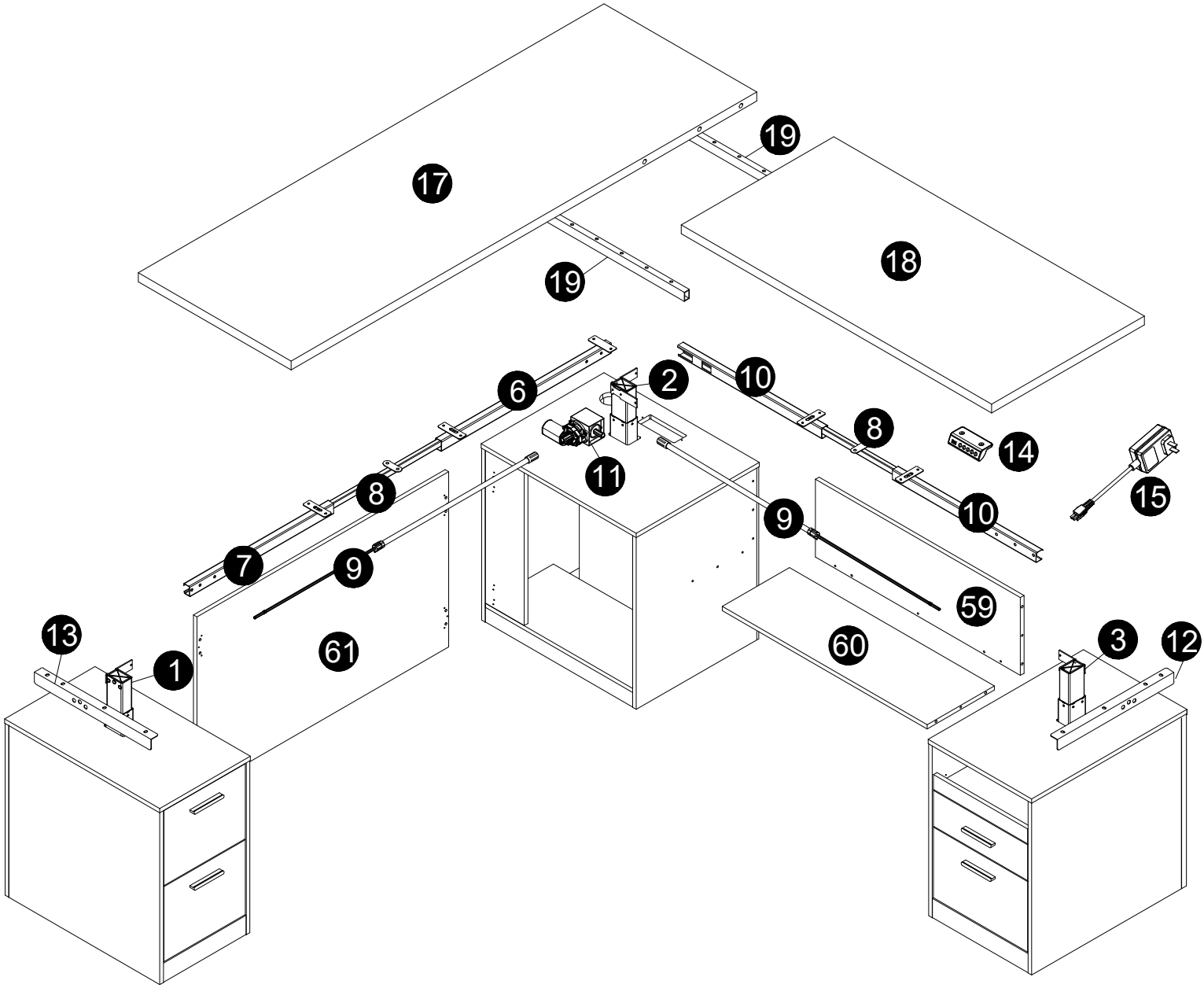
ID	Parts	QTY
A	M6×60 	12+2
B	M6×14 	18+2
C	M8×16 	8
D	ST4.8×19-F 	2+1
E	M6×12 	12+2
F	ST4.8×13.5 	24+2
G		4
H		1
I		1
J		1

ID	Parts	QTY
K	Ø6*33.5mm 	98+9
L	Ø15*9.5mm 	98+9
M	Ø6*30mm 	88+8
N	Ø3.5*12mm 	80+8
O		12
P		1
Q	Ø4*38mm 	16+1
R	M4*18mm 	8
S		4
T		1

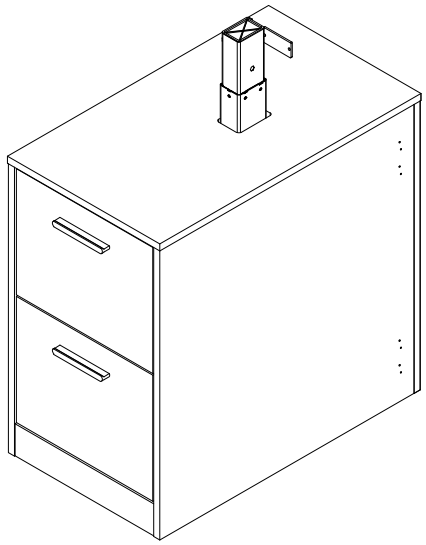
Hardware List

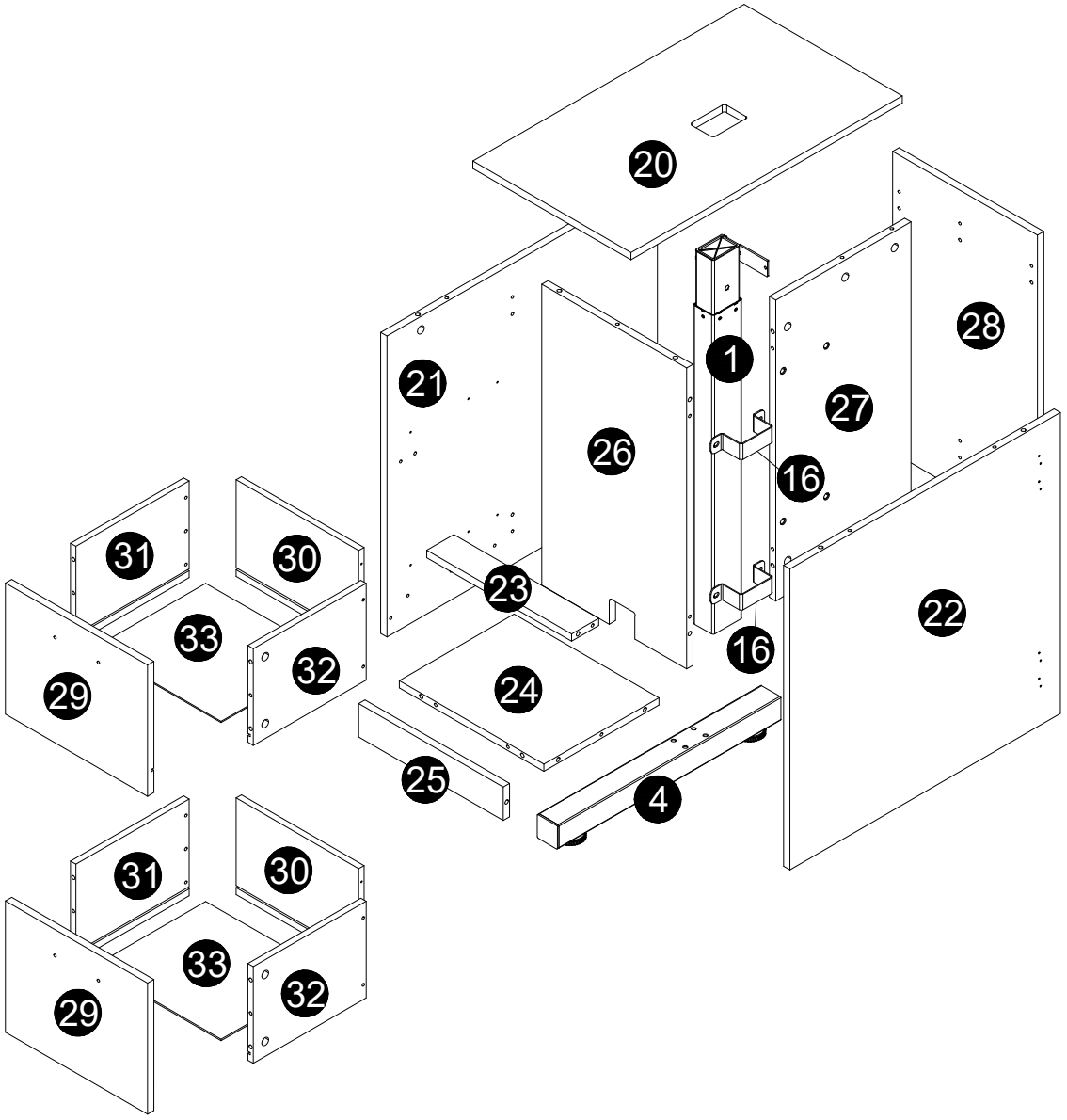
ID	Parts	QTY
U	M6*45mm 	12+1
V	 M4	1
X		1
W	 W1x2 W2x2 W3x4	1 SET
Y	Ø8*50mm 	3+1
Z	Ø5*38mm 	18+1
AA		22+2
 CL CR DL DR		5 SET

Parts List

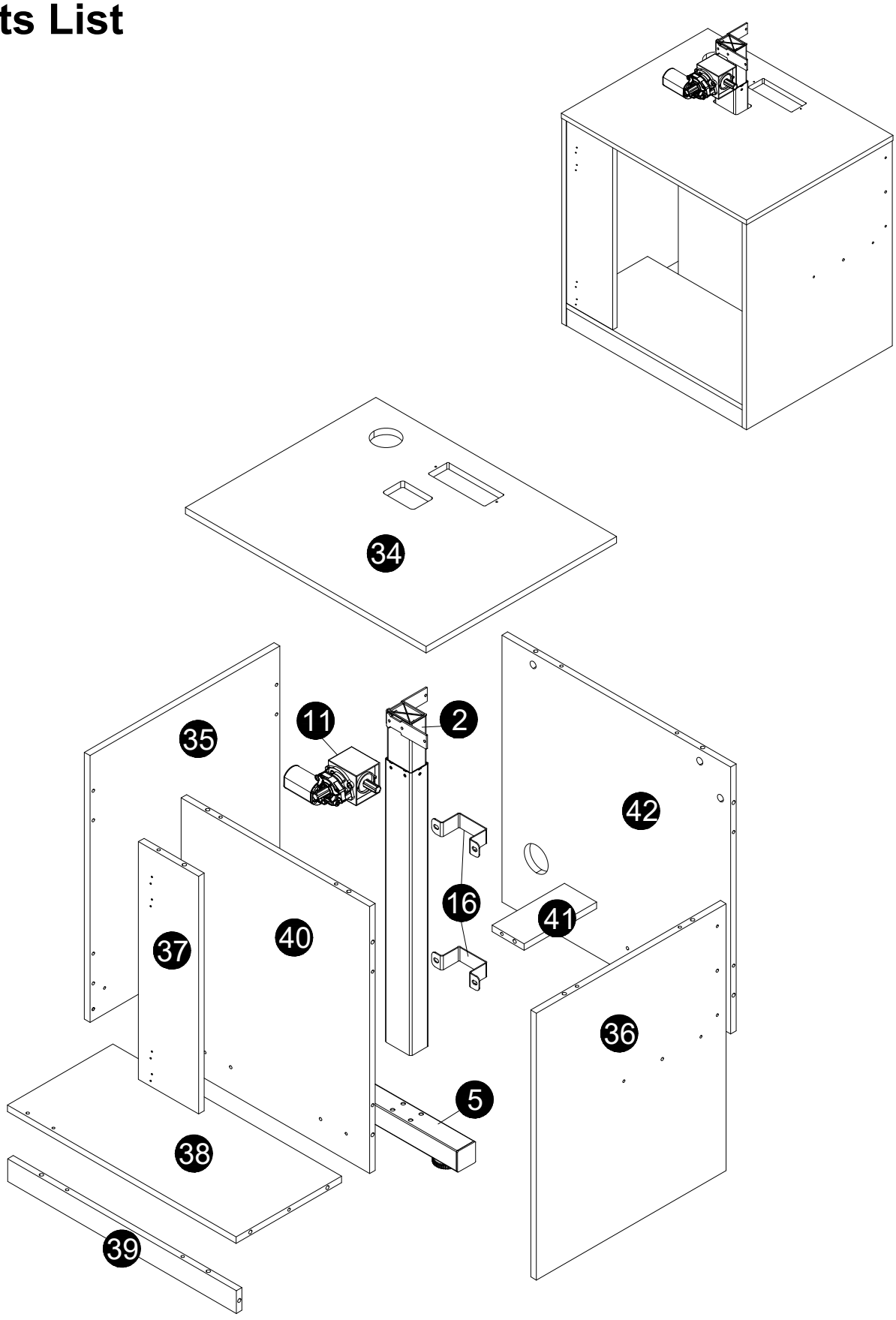


Parts List

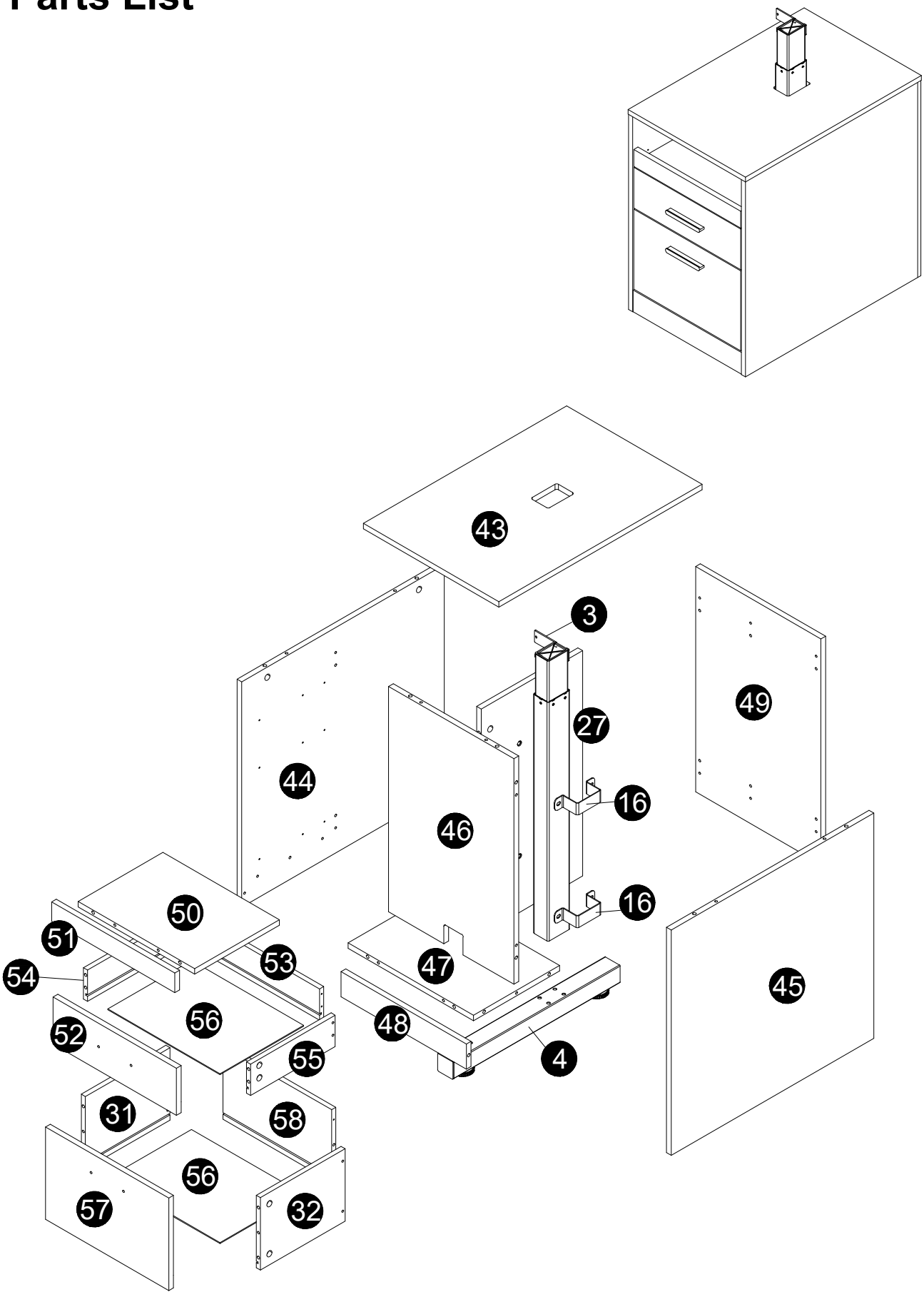




Parts List

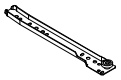


Parts List



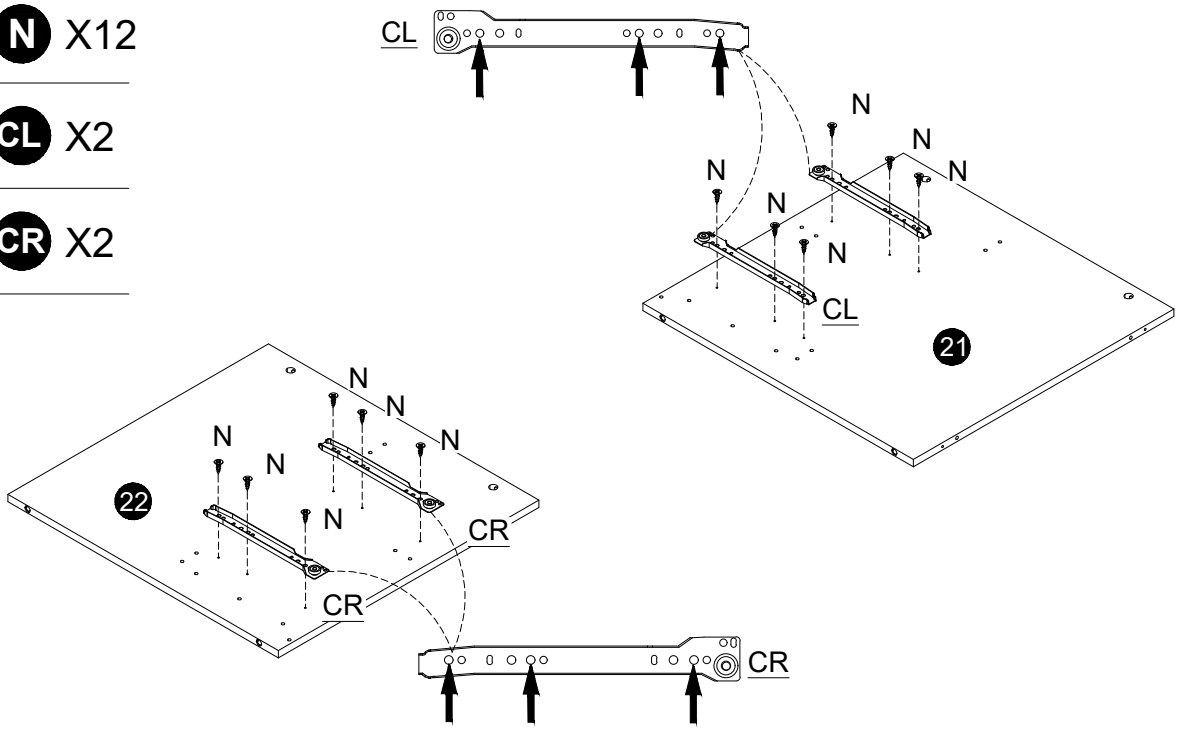
STEP 1

N X12

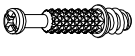


CL X2

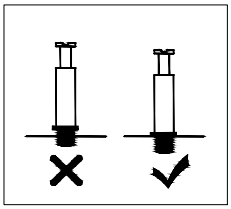
CR X2

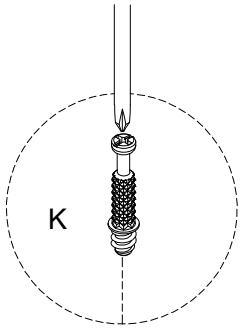


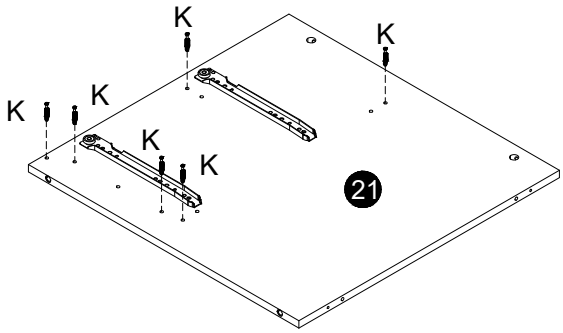
STEP 2

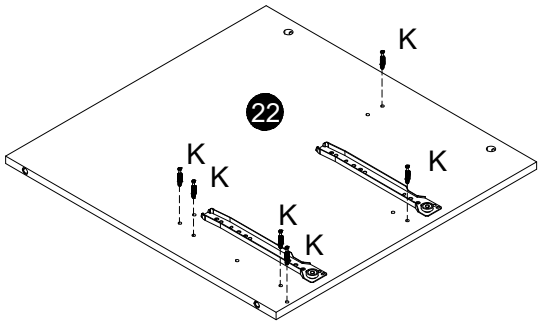


K X12

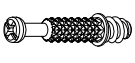


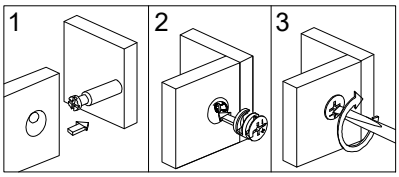


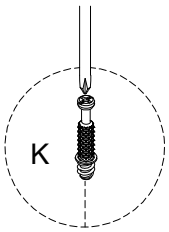


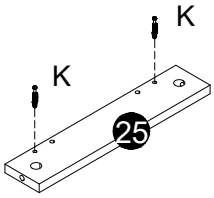


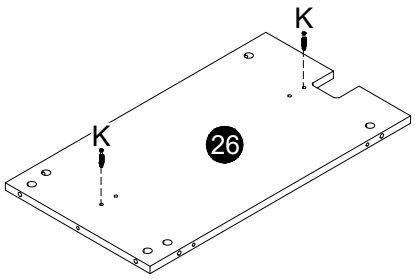
STEP 3



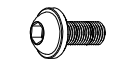


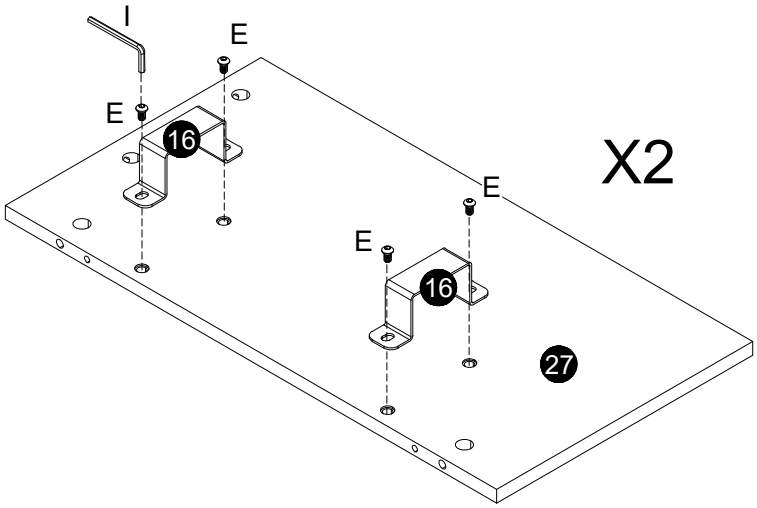






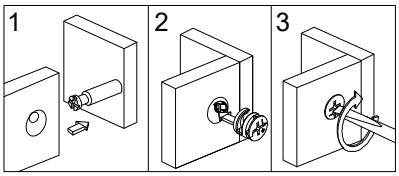
STEP 4



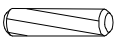


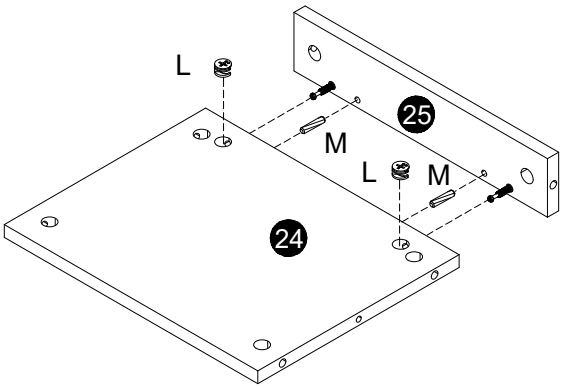
Attach parts (16) to panel (27) with bolts (E).Tighten the bolts, but not too tight.70% is OK.

STEP 5

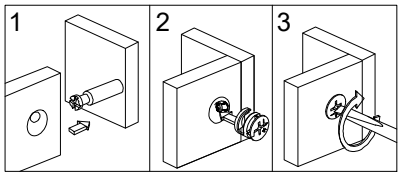


 L X2

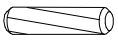
 M X2

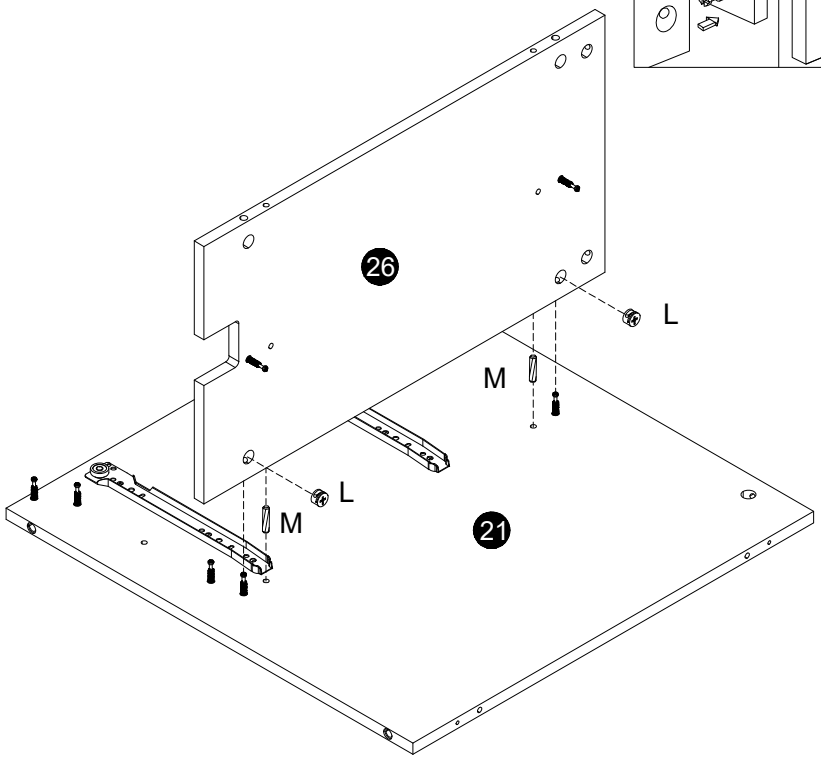


STEP 6



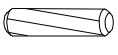
 L X2

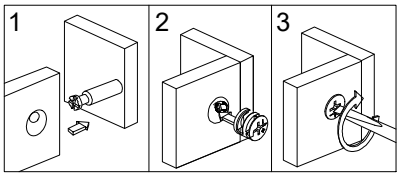
 M X2

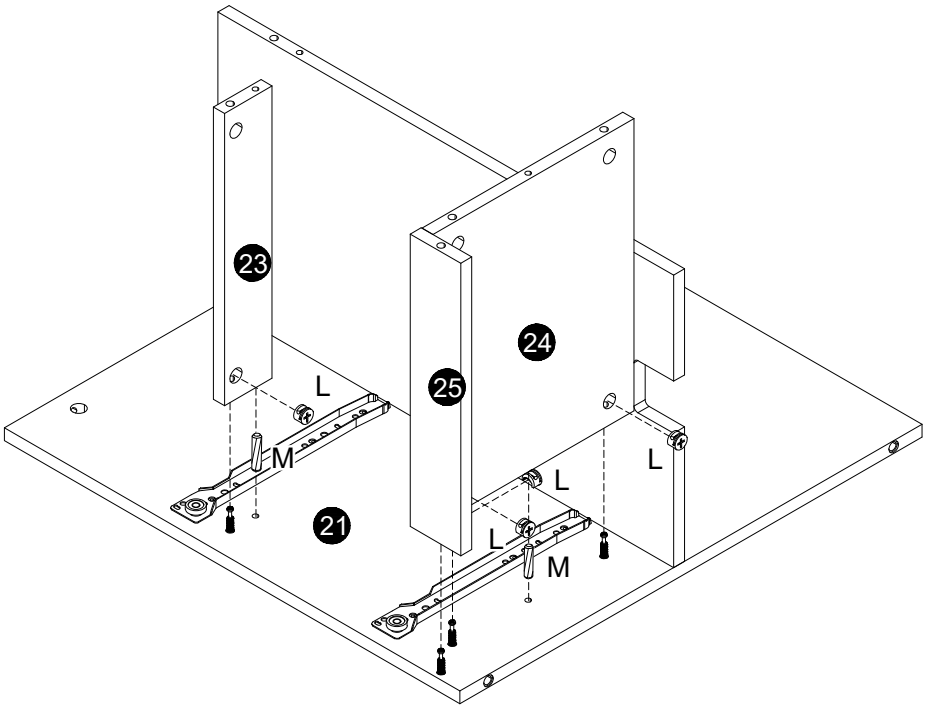


STEP 7

 L X4

 M X2

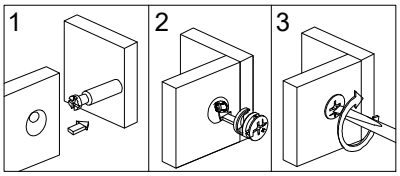


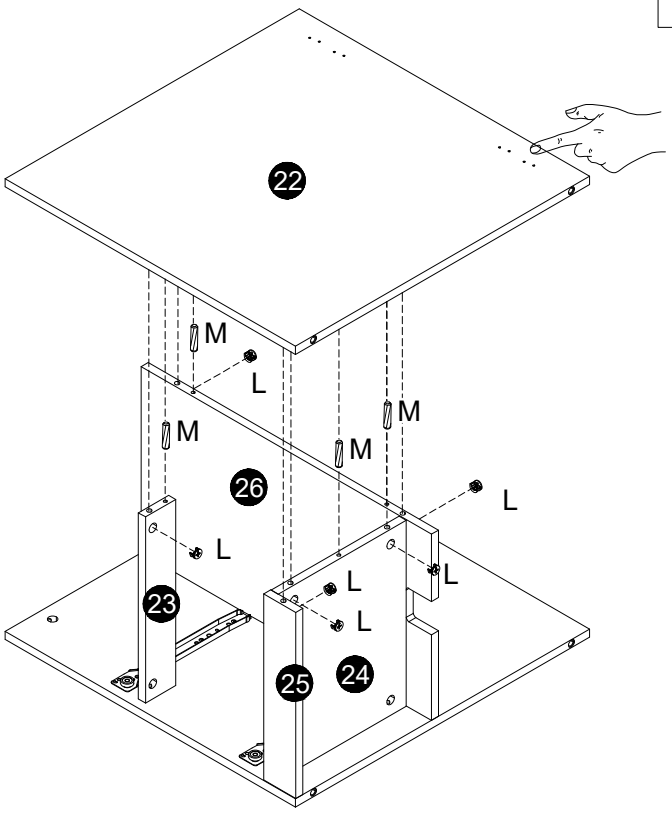


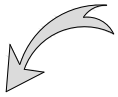
STEP 8

 L X6

 M X4



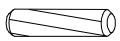


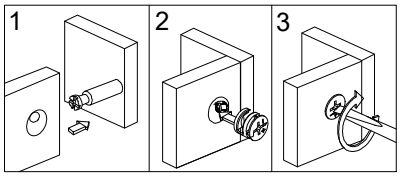


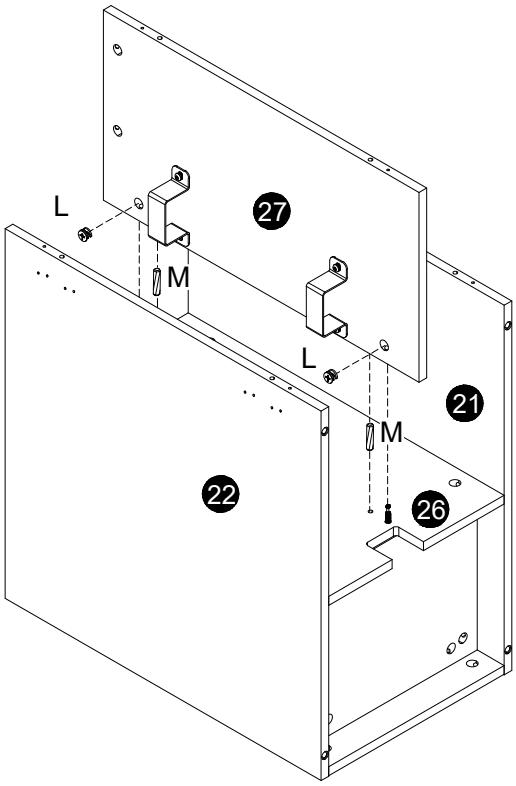
After this step is assembled, flip 90 degrees (to next step)

STEP 9

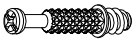
 L X2

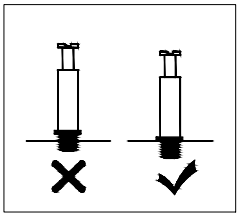
 M X2

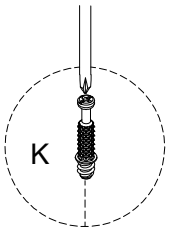


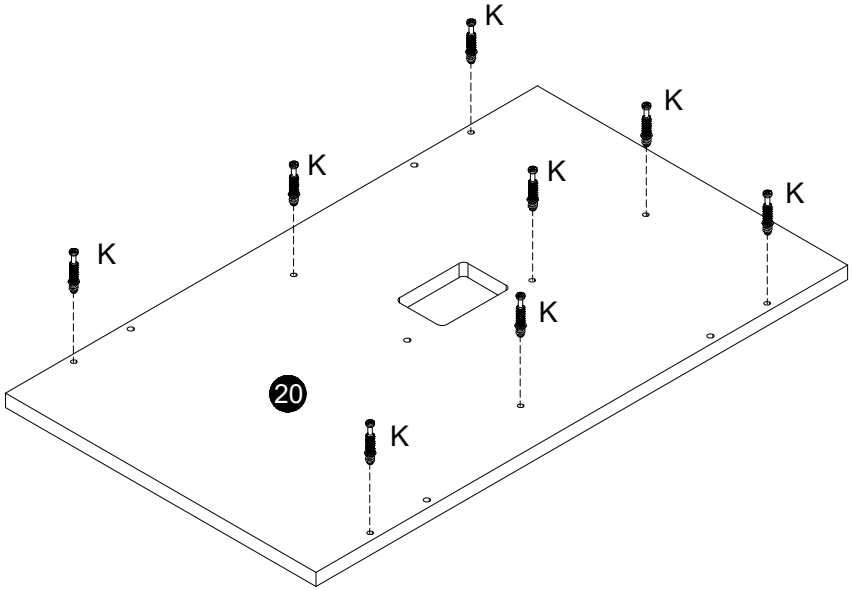


STEP 10

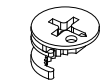
 K X8



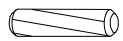




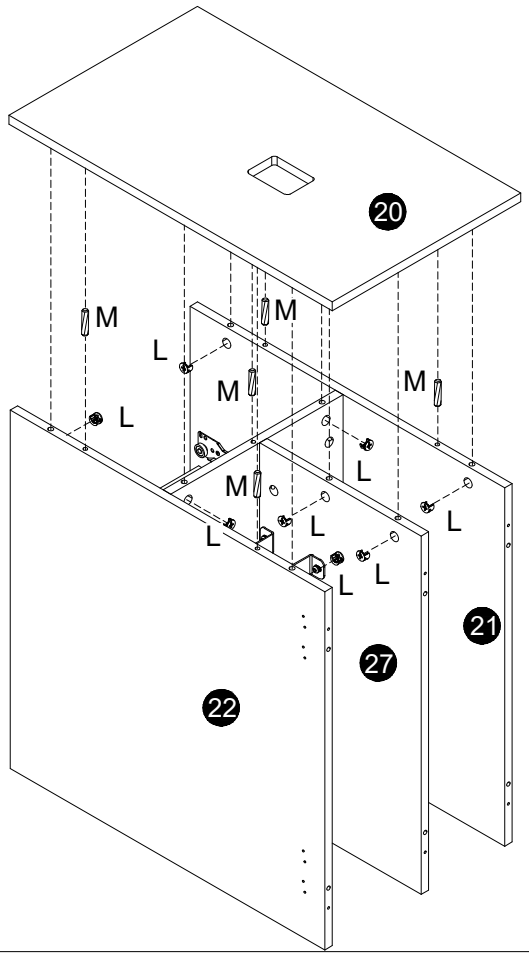
STEP 11

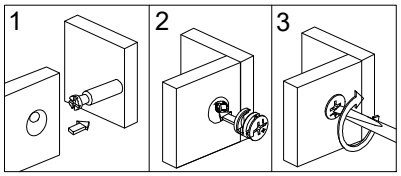


L X8

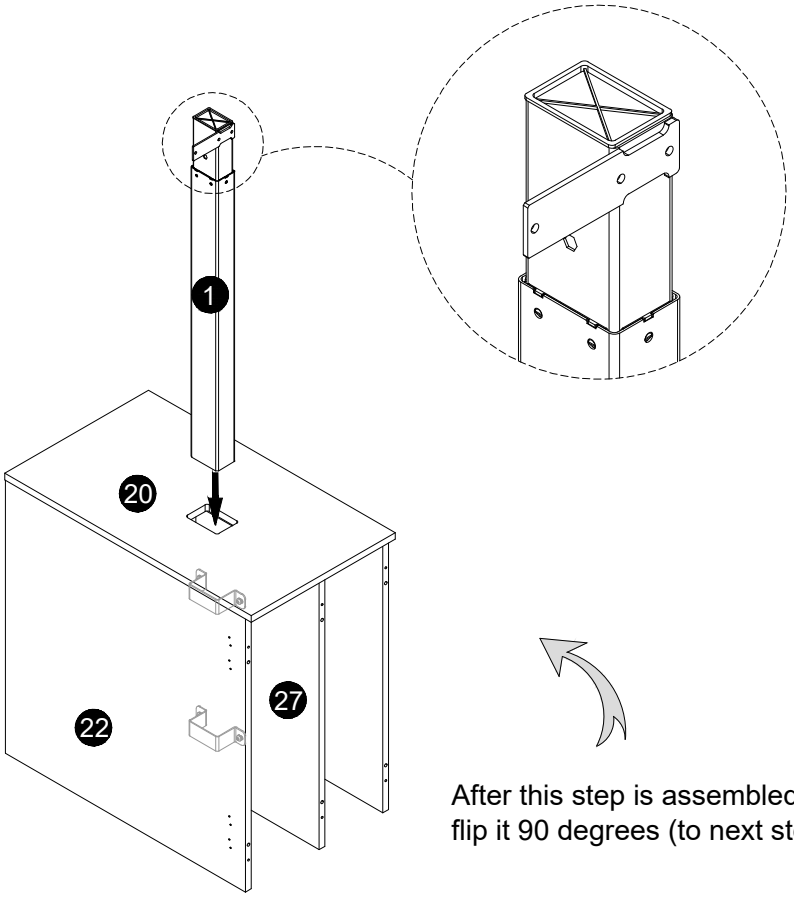


M X5



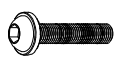


STEP 12

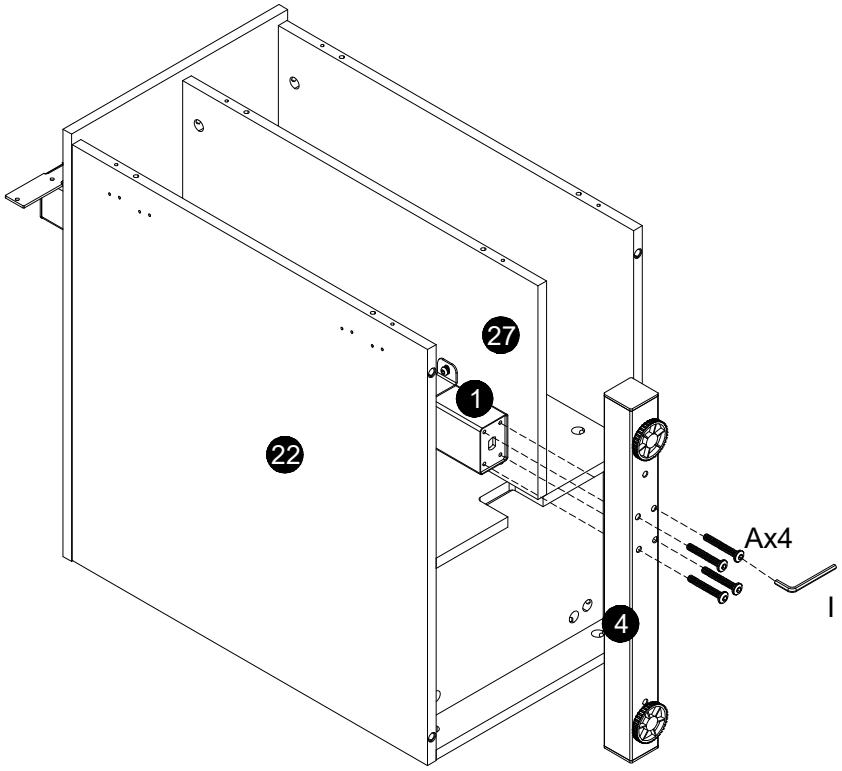


After this step is assembled,
flip it 90 degrees (to next step)

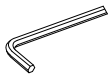
STEP 13

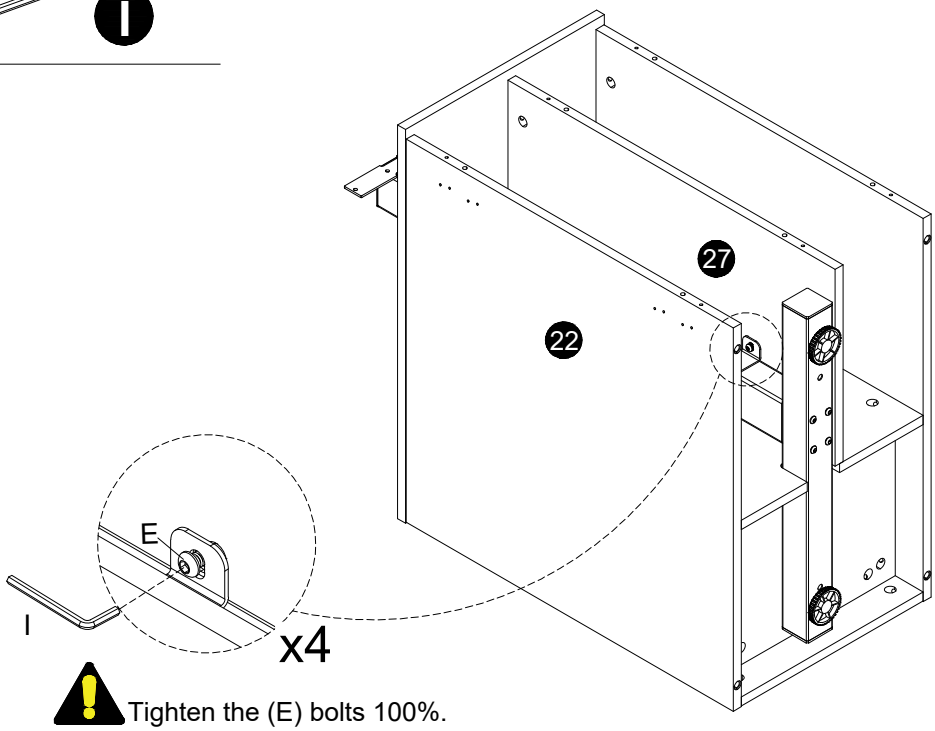

A X4


I



STEP 14

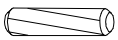

I



Tighten the (E) bolts 100%.

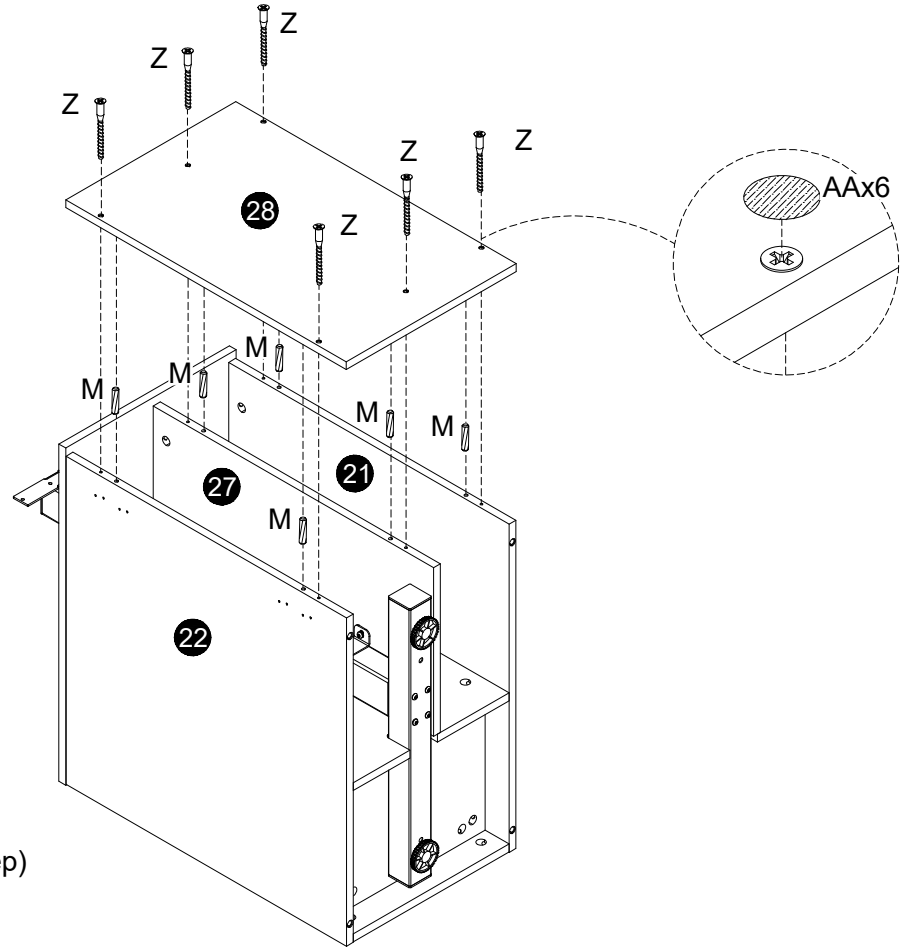
STEP 15

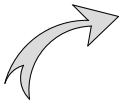
Z X6



M X6

AA X6





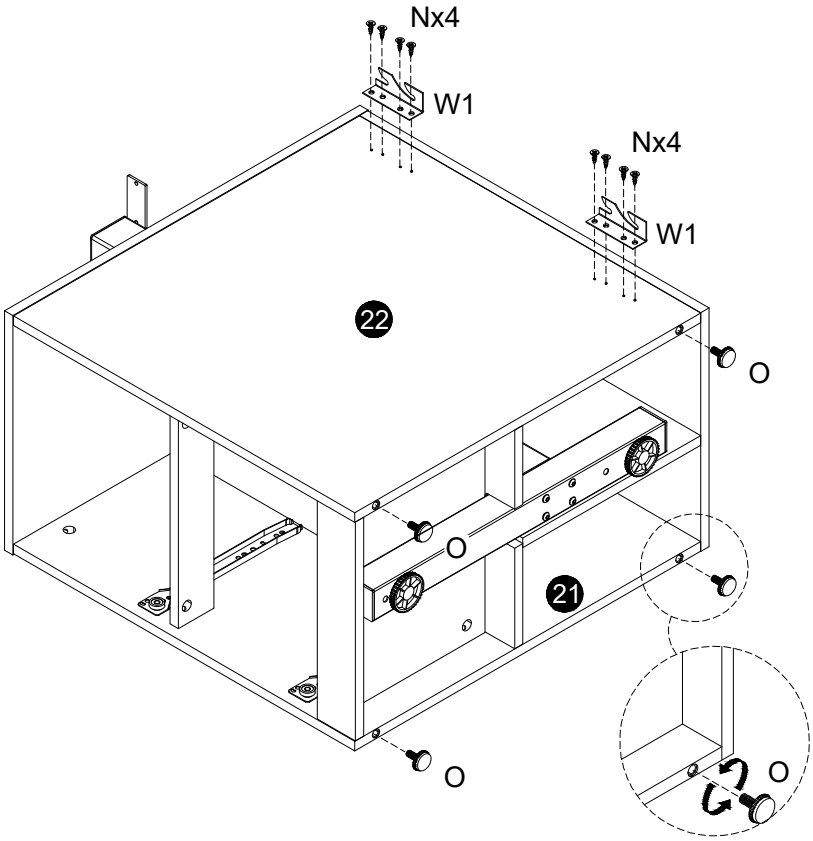
After this step is assembled,
flip it 90 degrees (to next step)

STEP 16

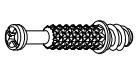
N X8

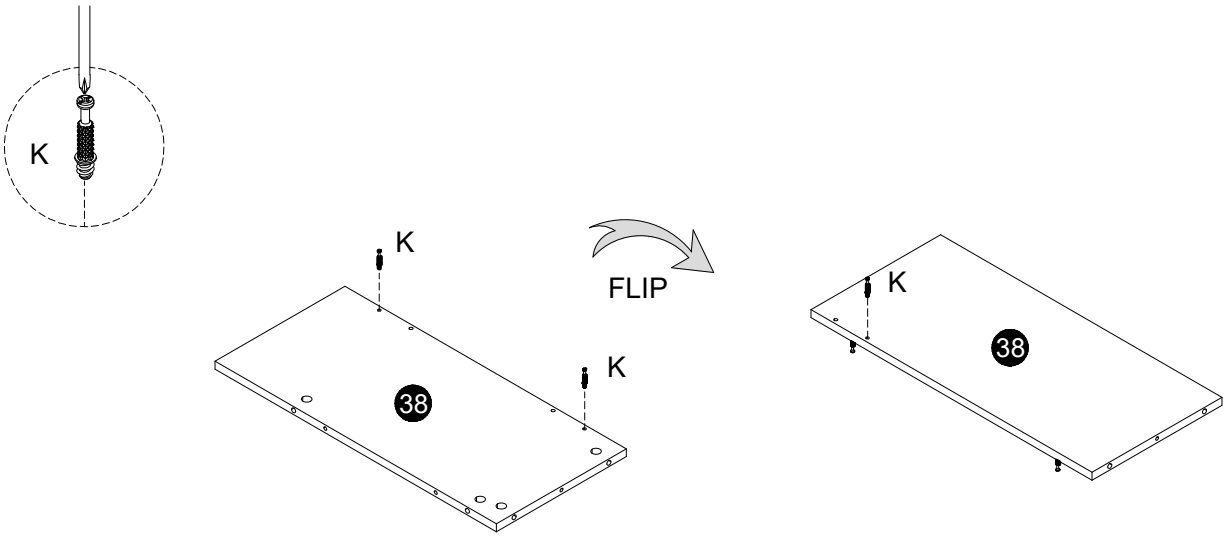
W1 X2

O X4

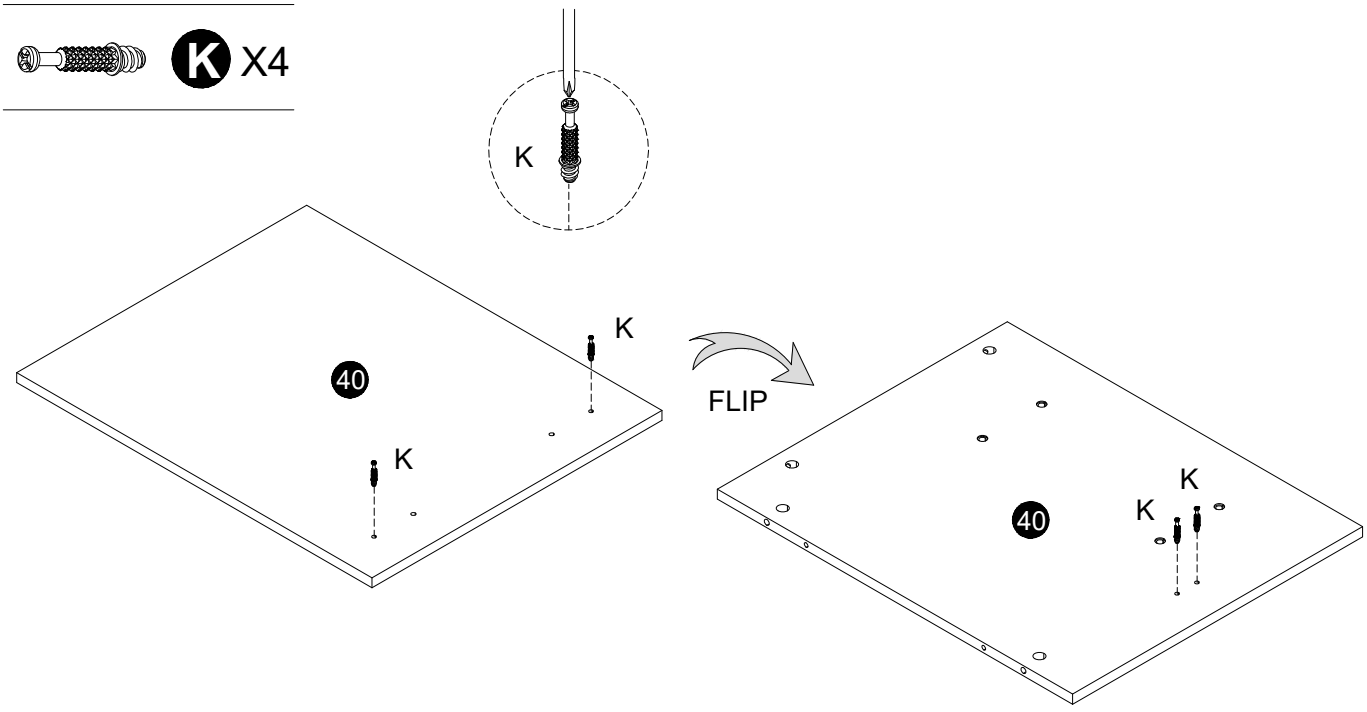


STEP 17

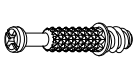




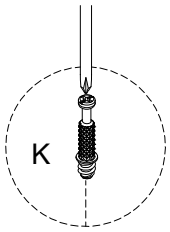
STEP 18

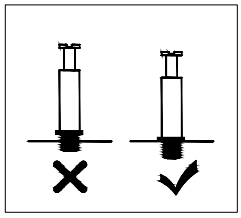


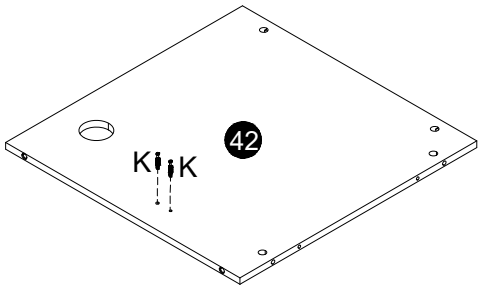
STEP 19



X2

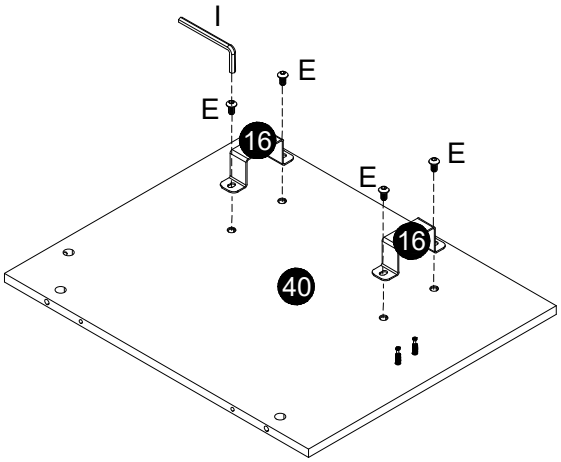






STEP 20

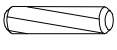
X4

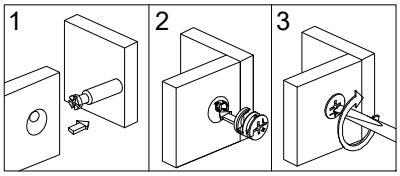


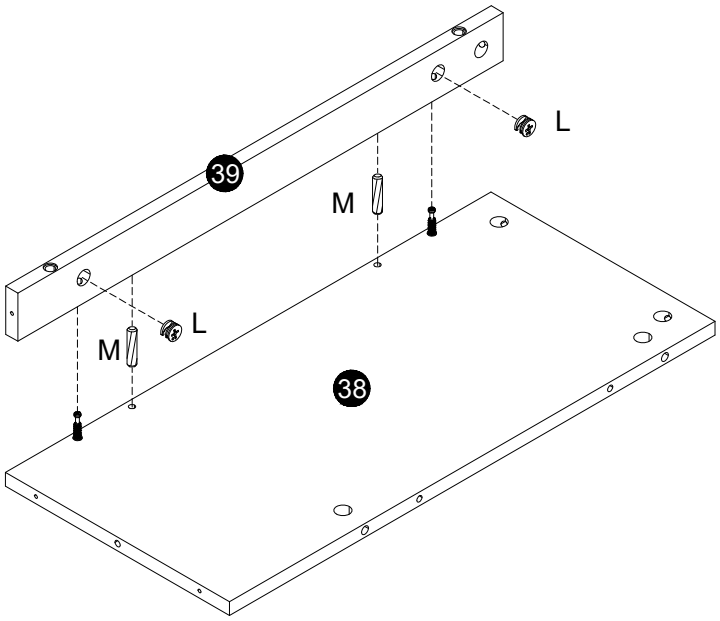
Attach parts (16) to panel (40) with bolts (E).Tighten the bolts, but not too tight.70% is OK.

STEP 21

 L X2

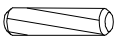
 M X2

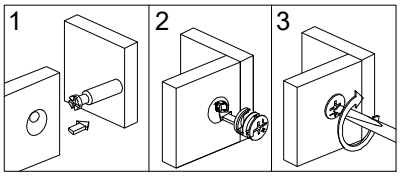


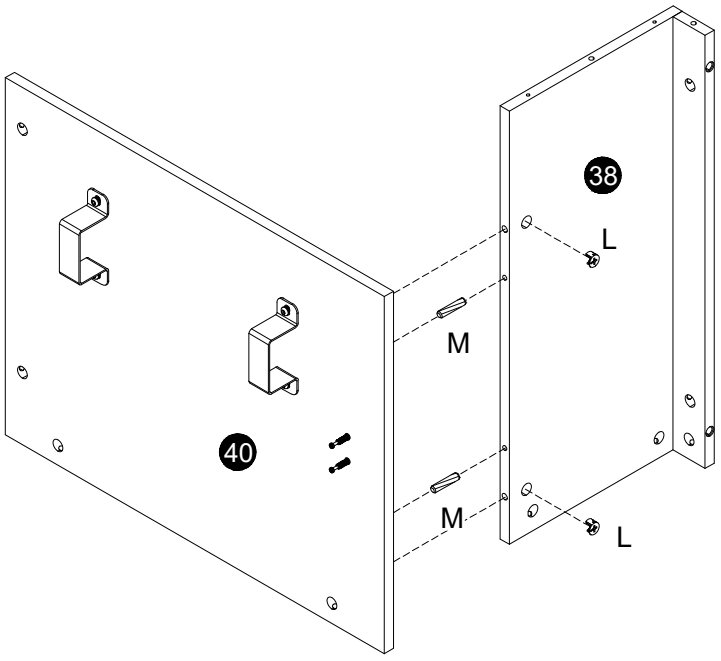


STEP 22

 L X2

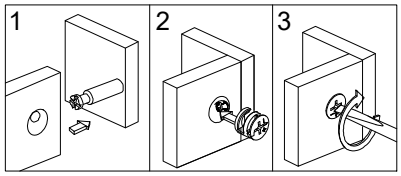
 M X2

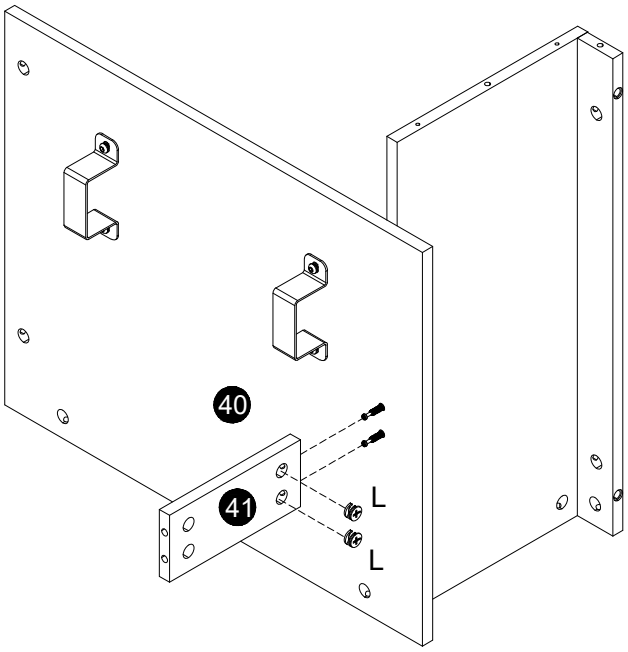




STEP 23

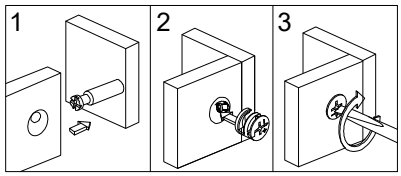
L X2

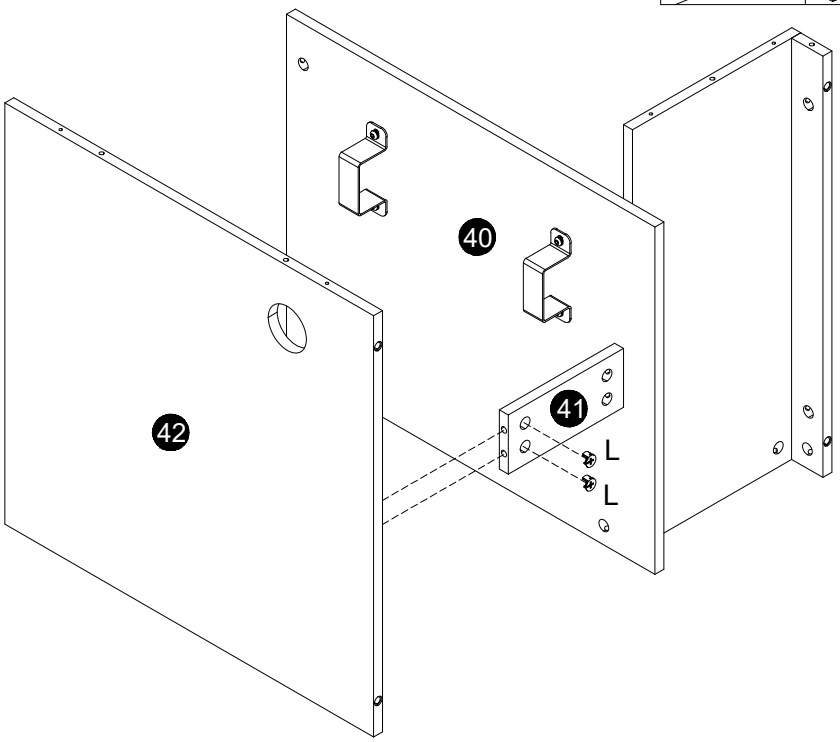




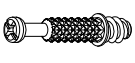
STEP 24

L X2

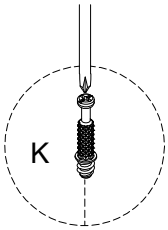


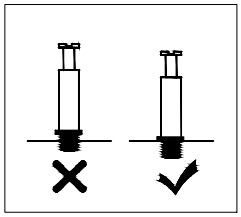


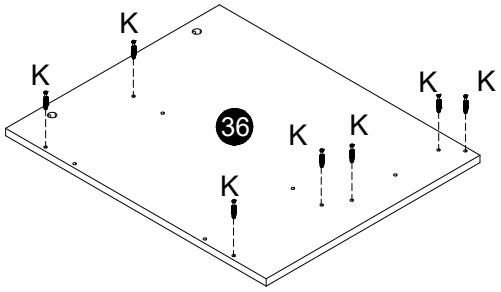
STEP 25

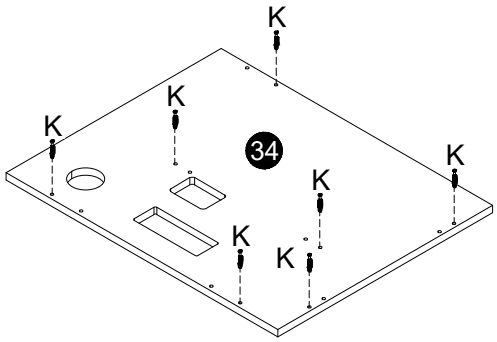


K X14



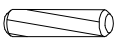




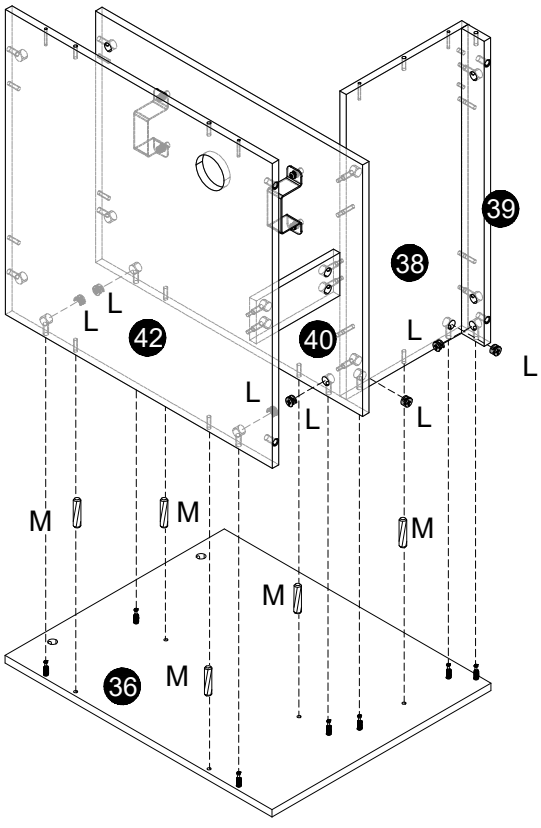


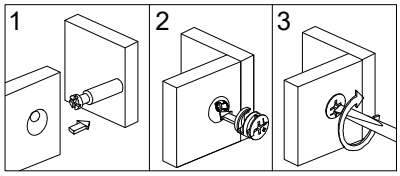
STEP 26

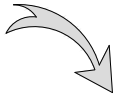
L X7



M X5



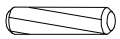


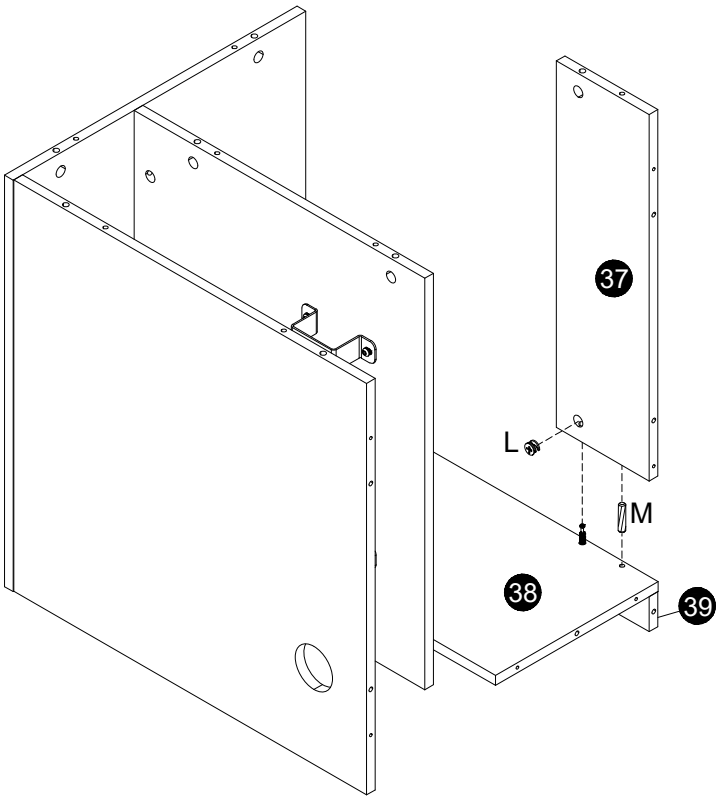


After this step is assembled, flip it 90 degrees (to next step)

STEP 27

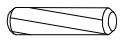

Ⓛ X1

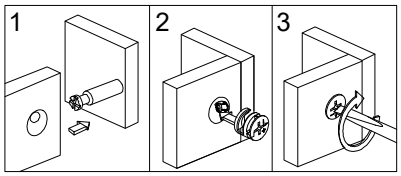

Ⓜ X1

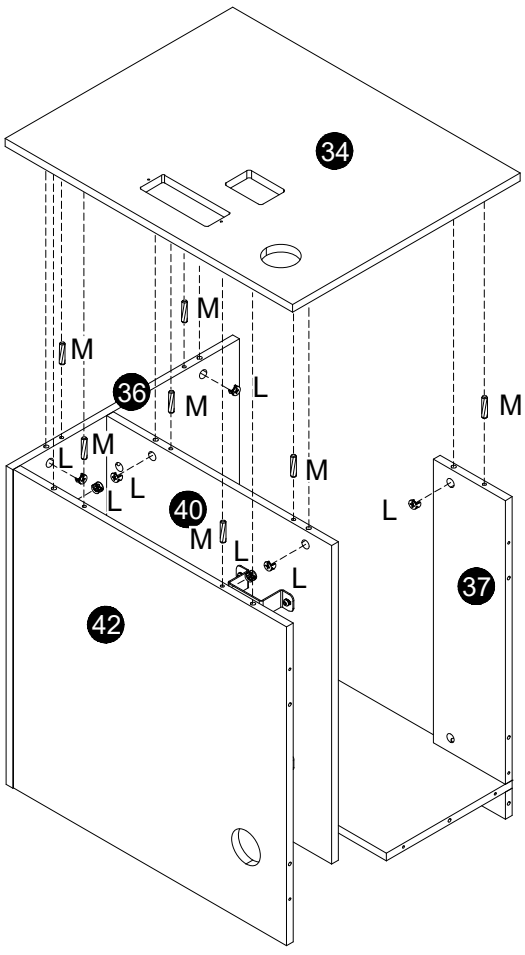


STEP 28

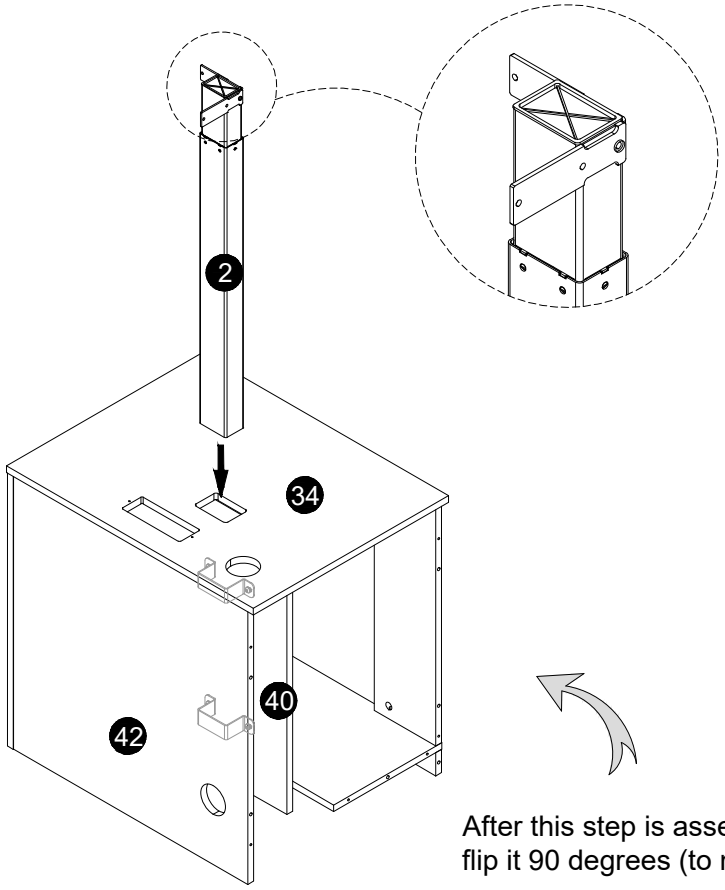

Ⓛ X7


Ⓜ X7





STEP 29

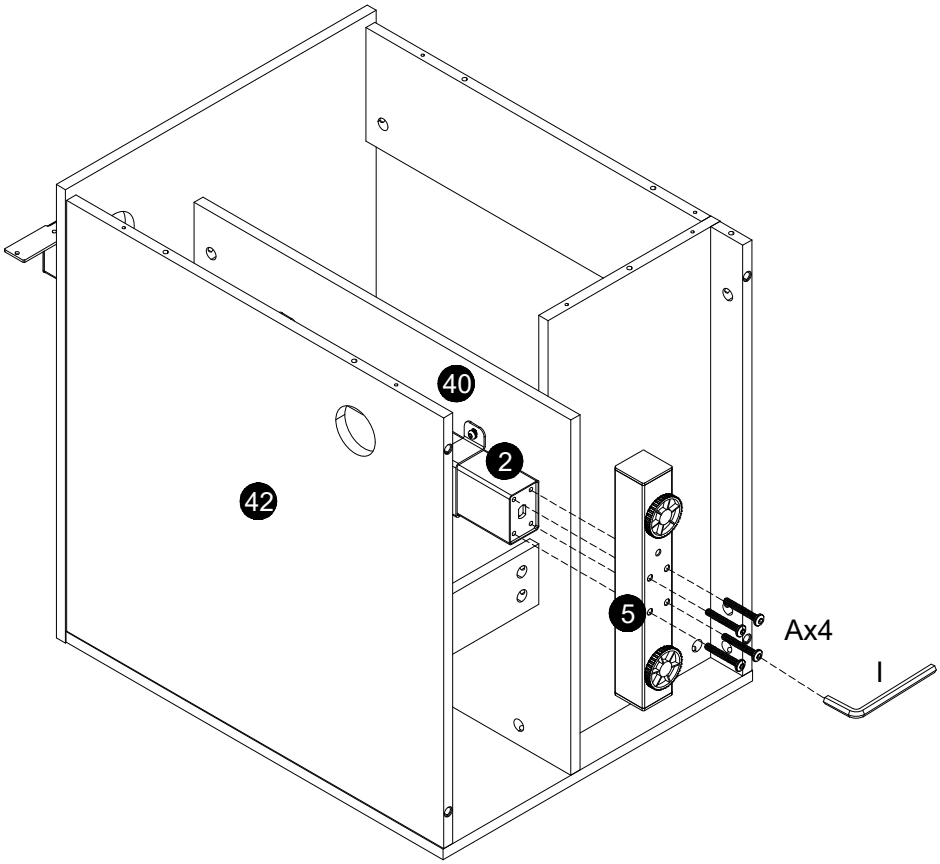


After this step is assembled,
flip it 90 degrees (to next step)

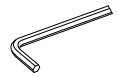
STEP 30

 A X4

 I

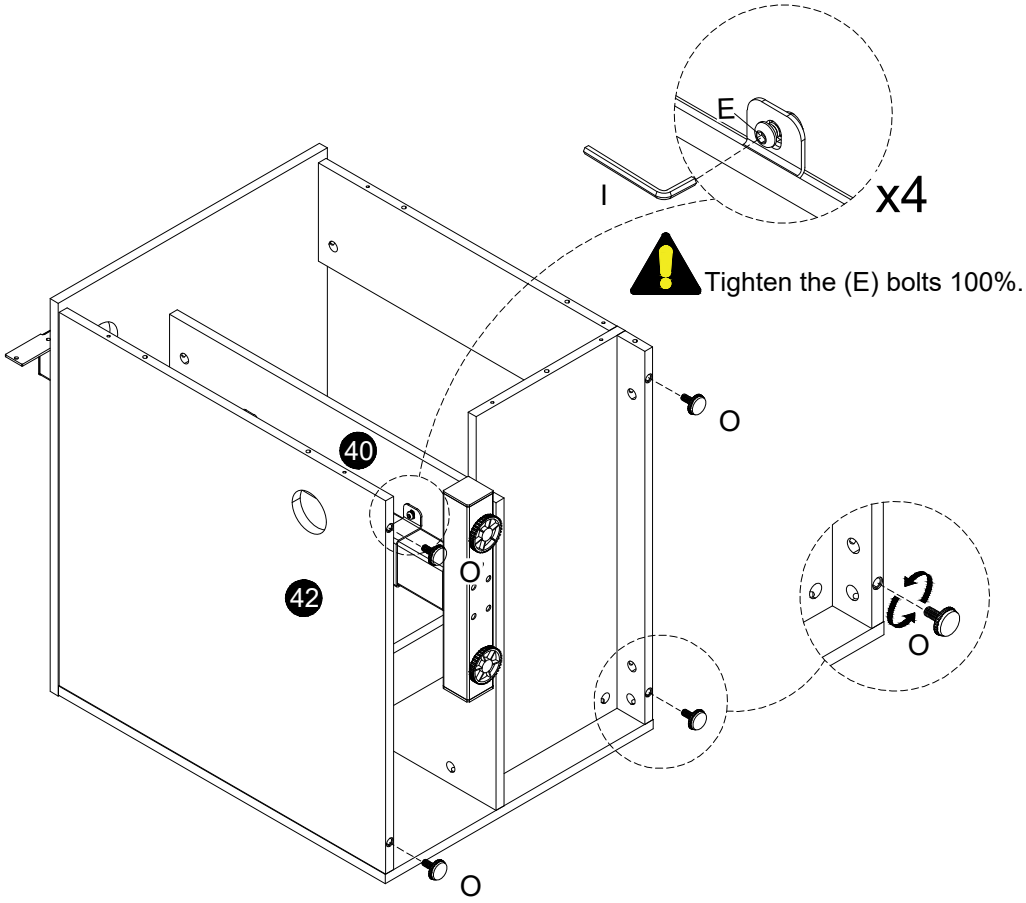


STEP 31



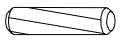
I

O X4



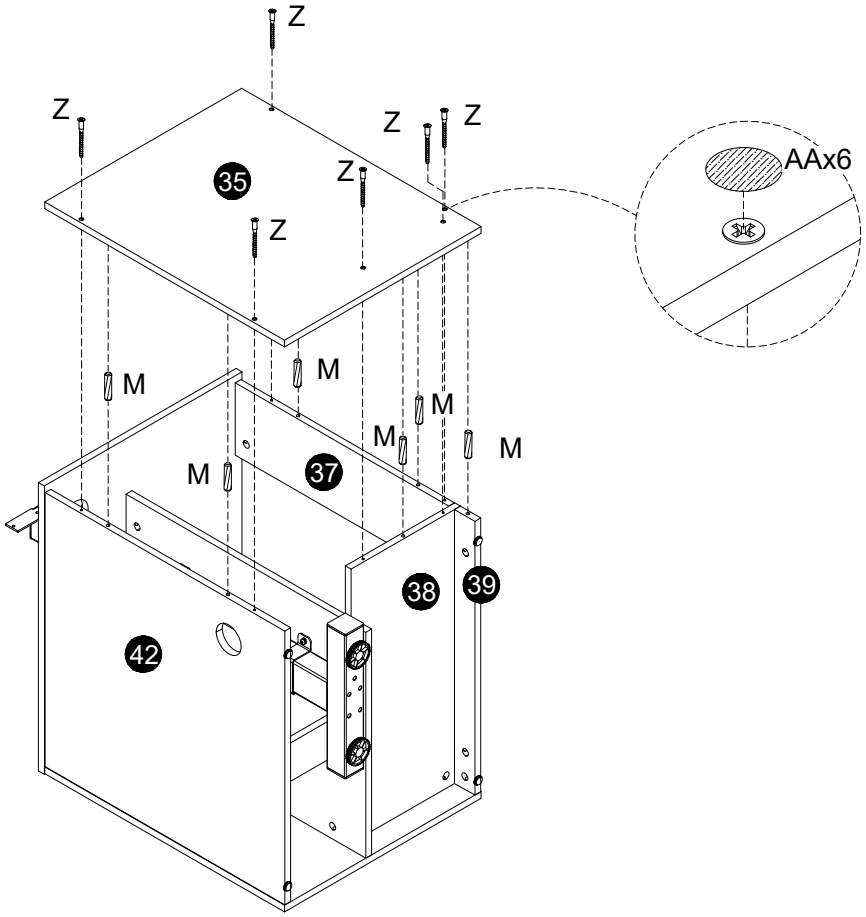
STEP 32

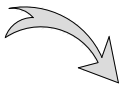
Z X6



M X6

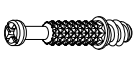
AA X6





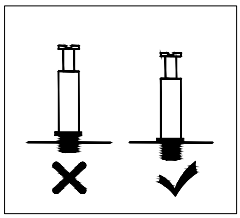
After this step is assembled, flip 90 degrees and turn it (to next step)

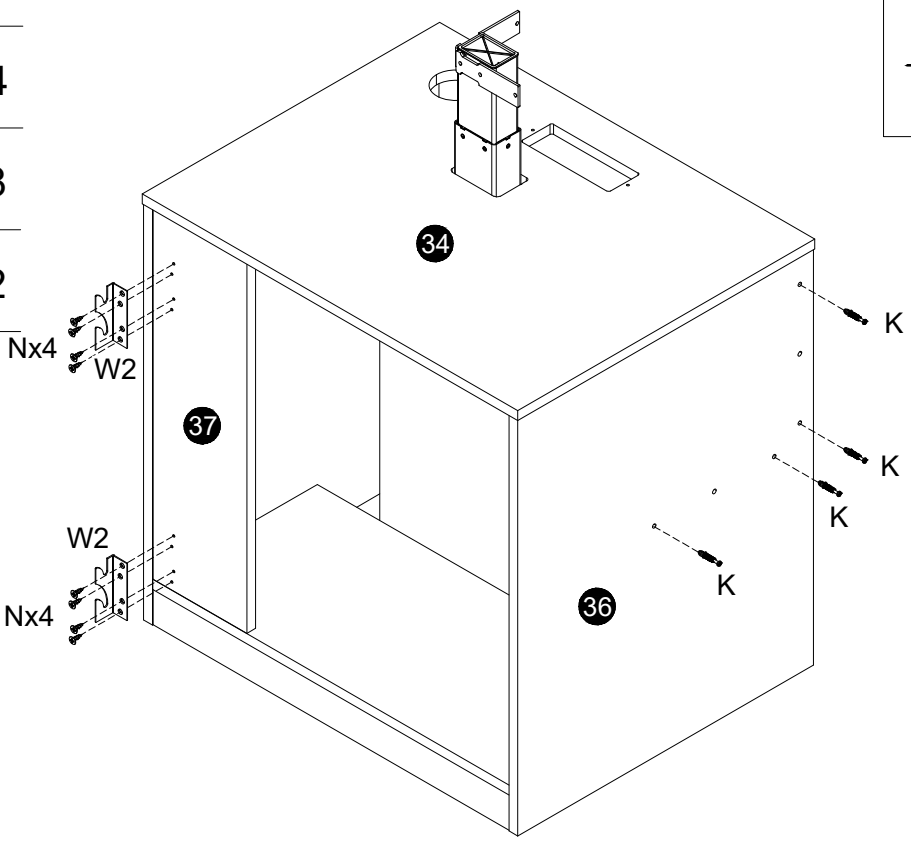
STEP 33


K X4


N X8

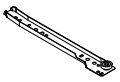

W2 X2

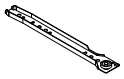


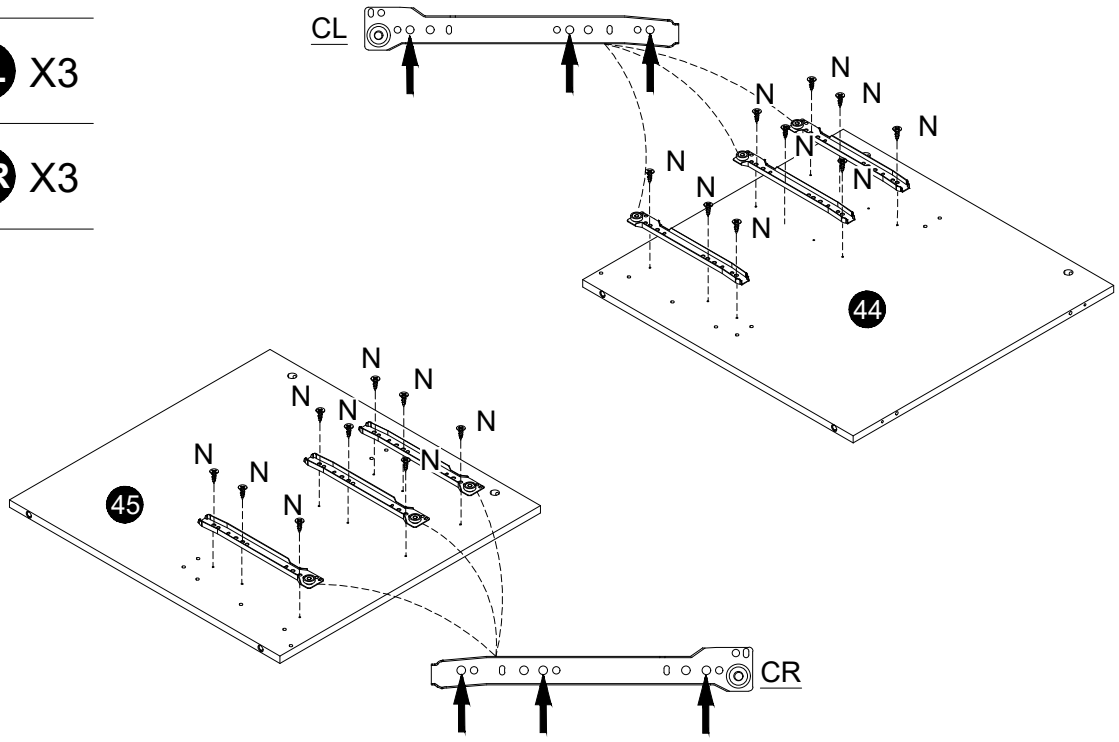


STEP 34

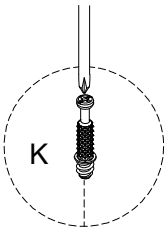

N X18

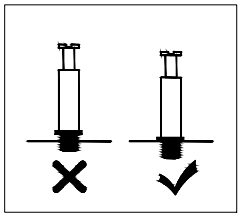

CL X3

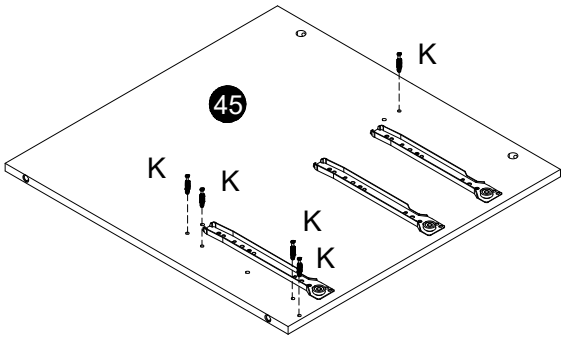

CR X3

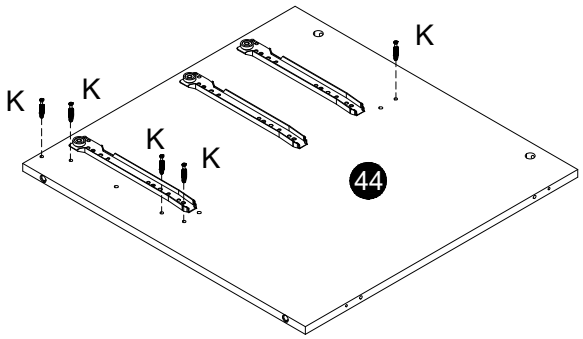


STEP 35

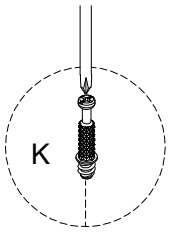


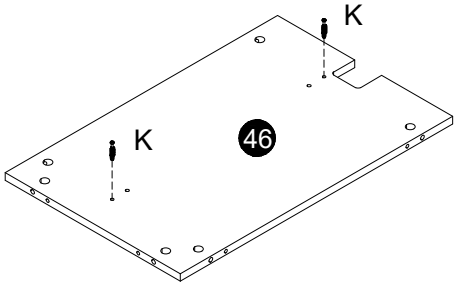


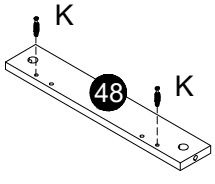




STEP 36

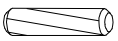


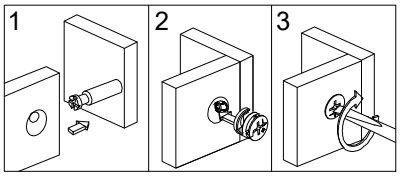


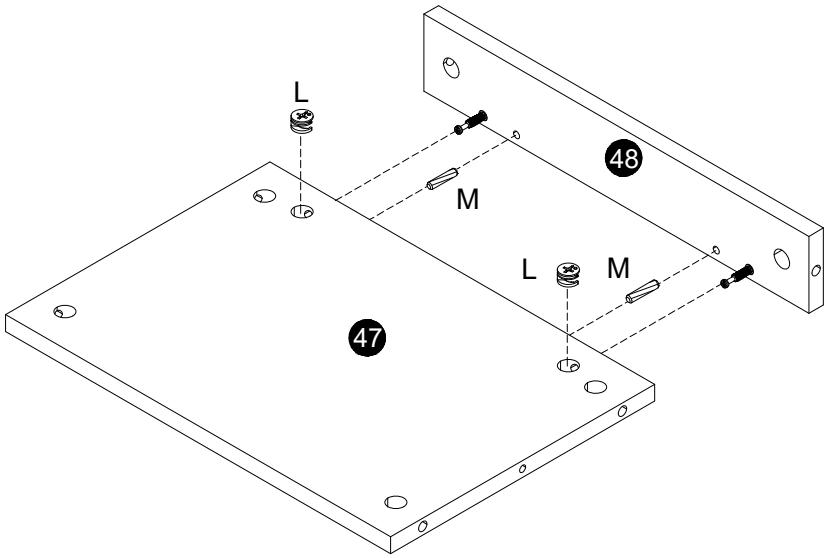


STEP 37

 L X2

 M X2

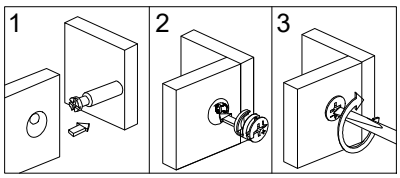


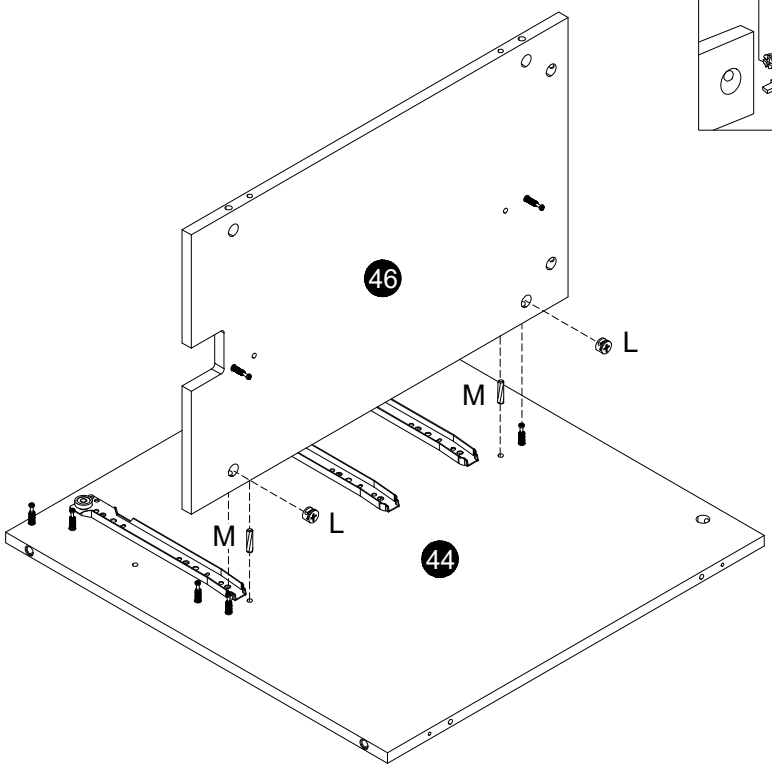


STEP 38

 L X2

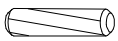
 M X2

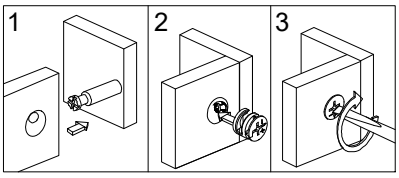


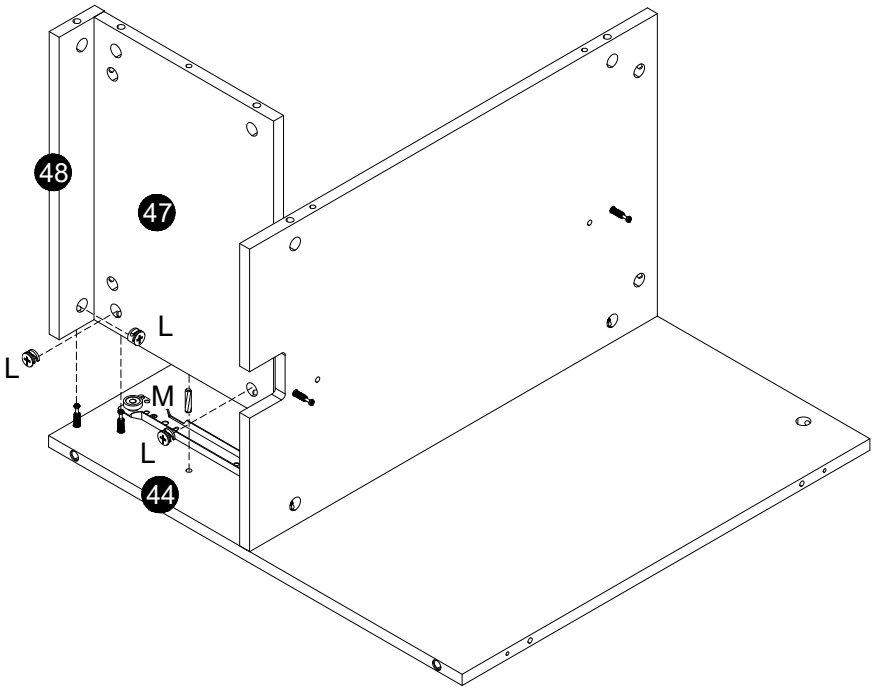


STEP 39

 L X3

 M X1

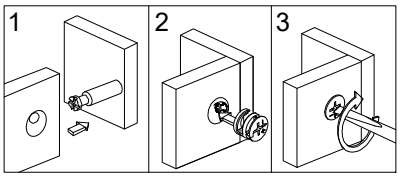


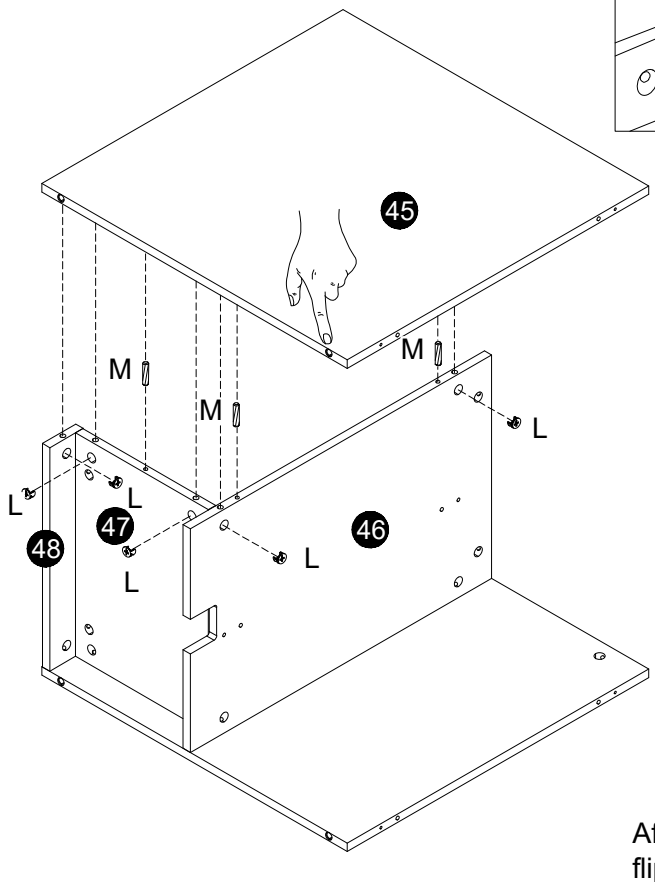


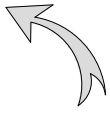
STEP 40

 L X5

 M X3



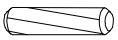


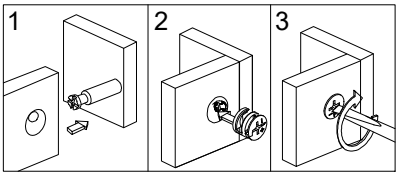


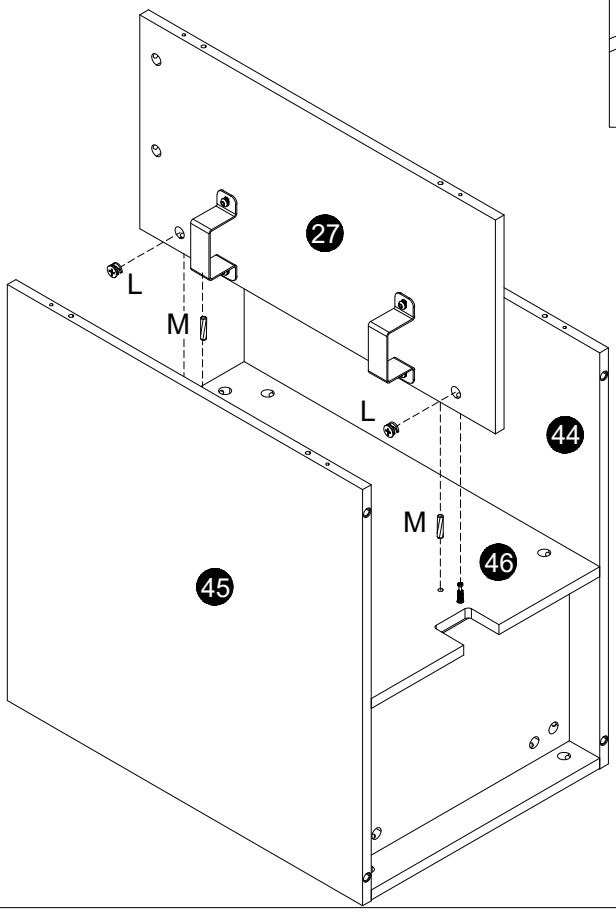
After this step is assembled,
flip it 90 degrees (to next step)

STEP 41

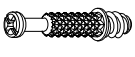
 L X2

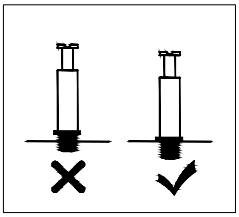
 M X2

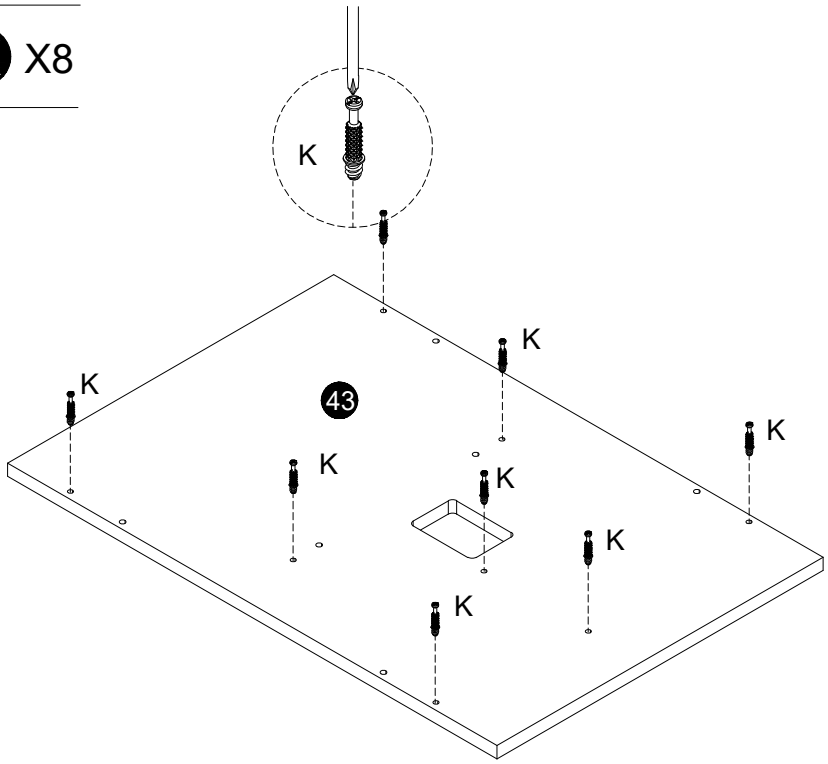




STEP 42

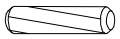
 K X8



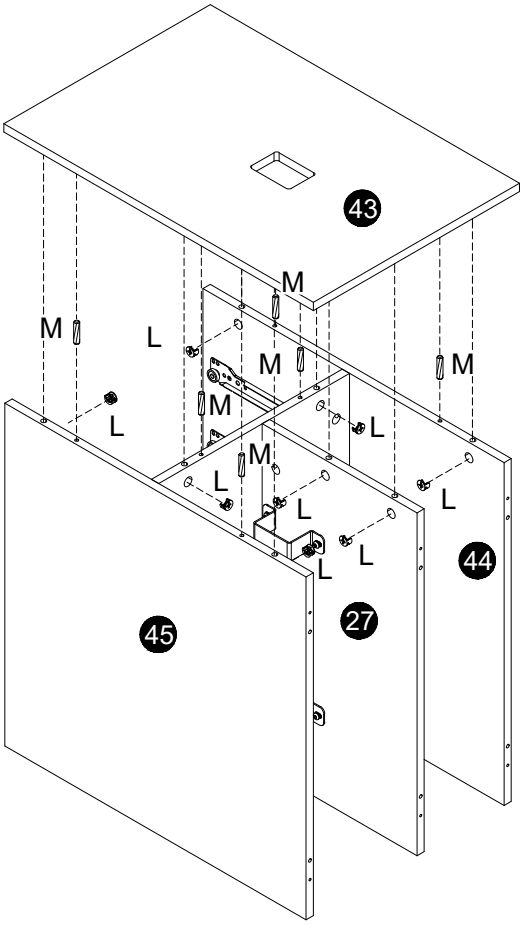


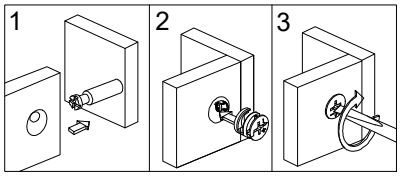
STEP 43

L X8

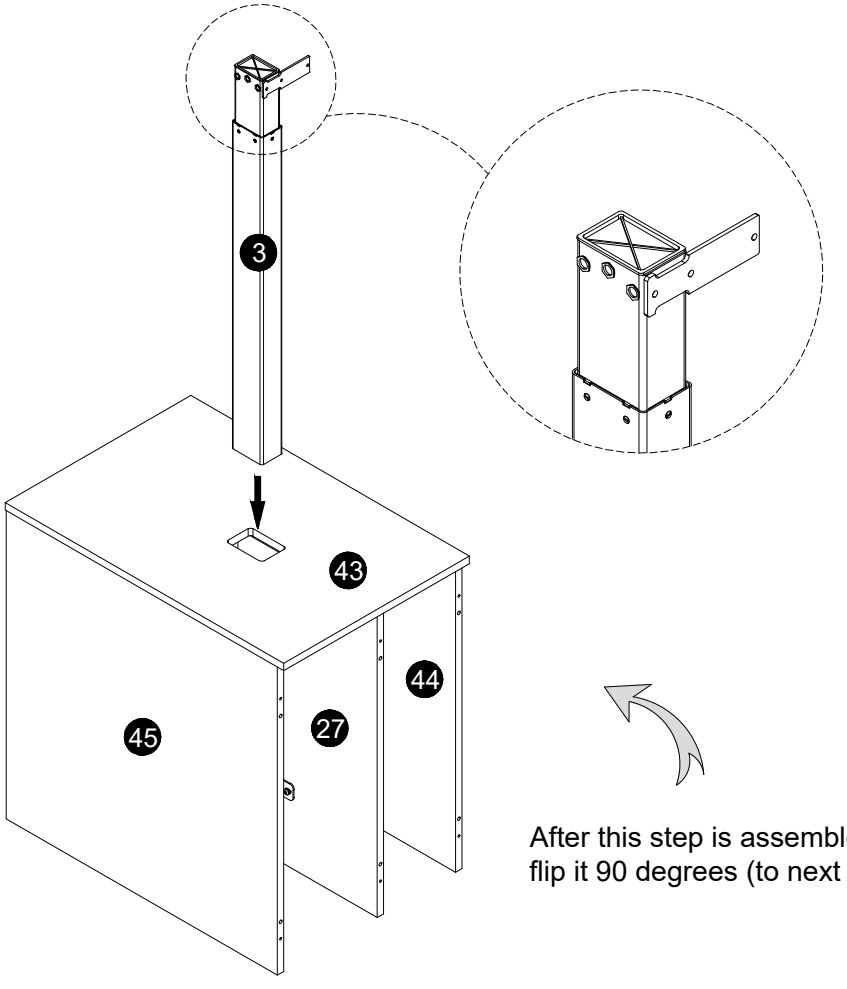


M X6



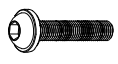


STEP 44

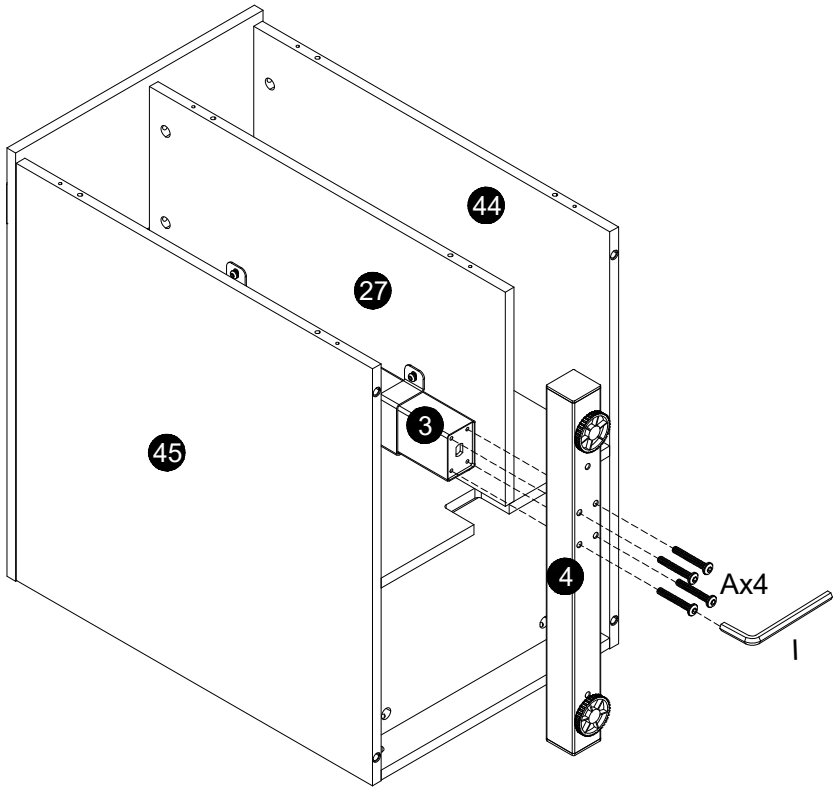


After this step is assembled,
flip it 90 degrees (to next step)

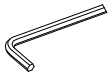
STEP 45


A X4

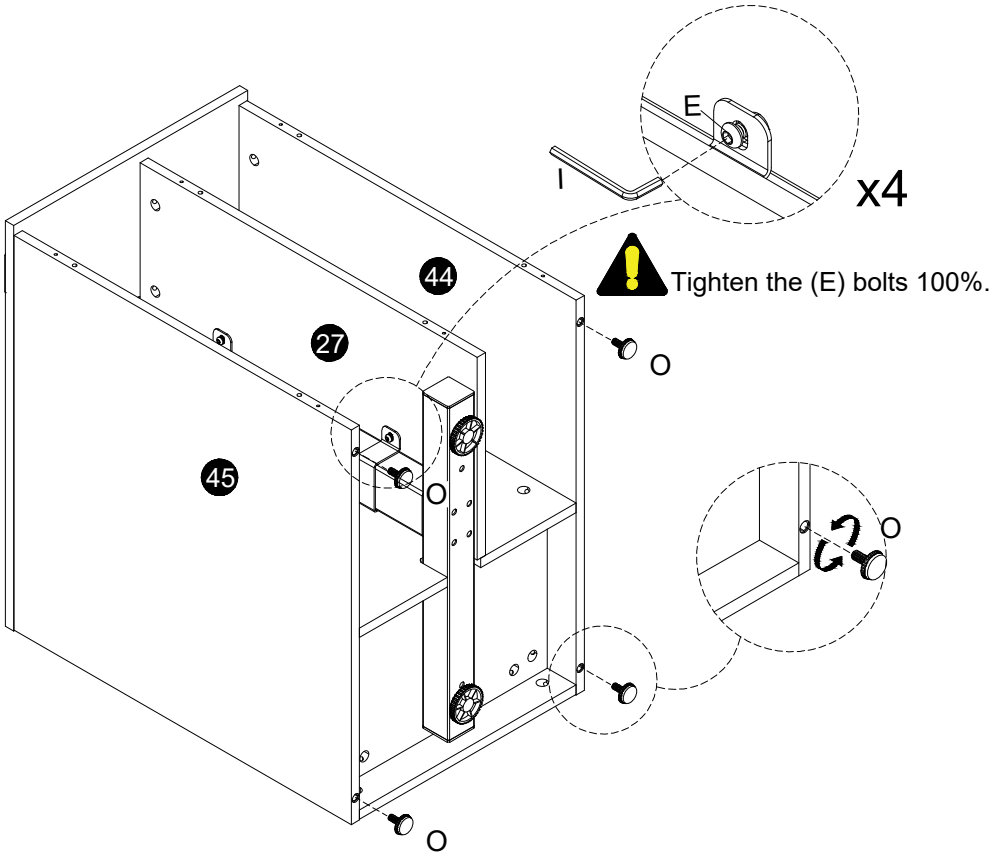

I



STEP 46


I


O X4

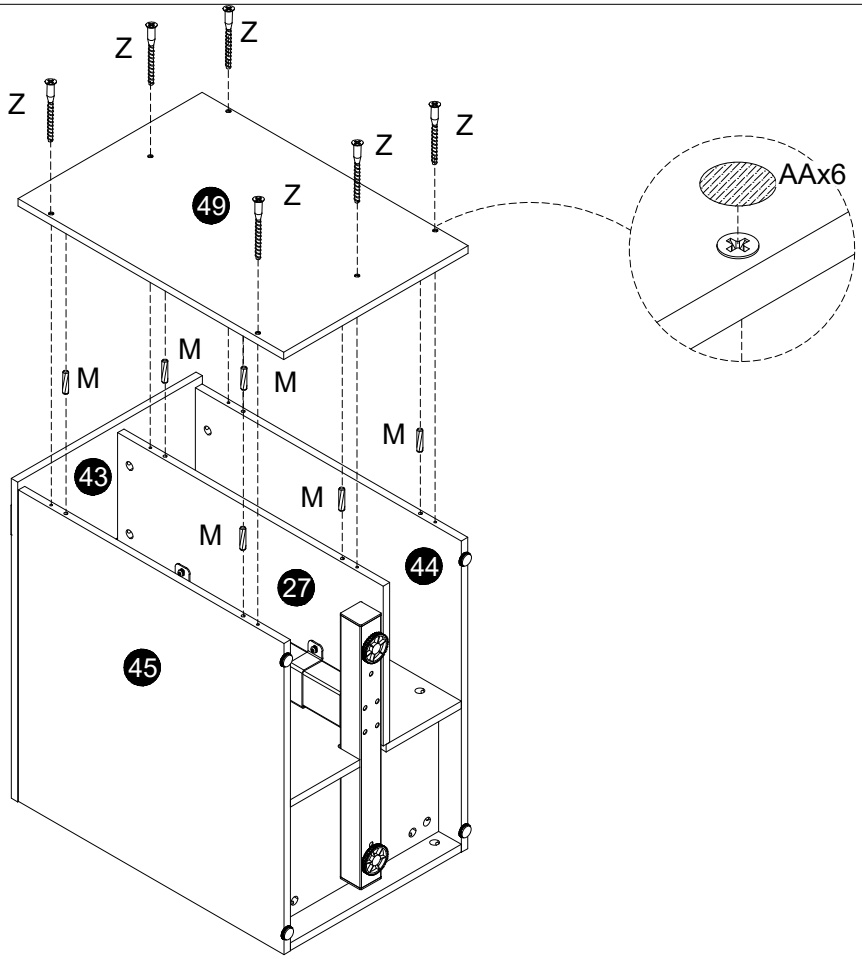


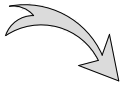
STEP 47

 Z X6

 M X6

 AA X6

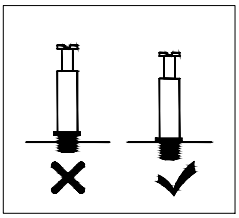


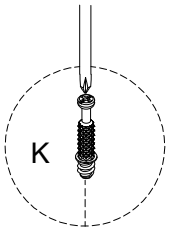


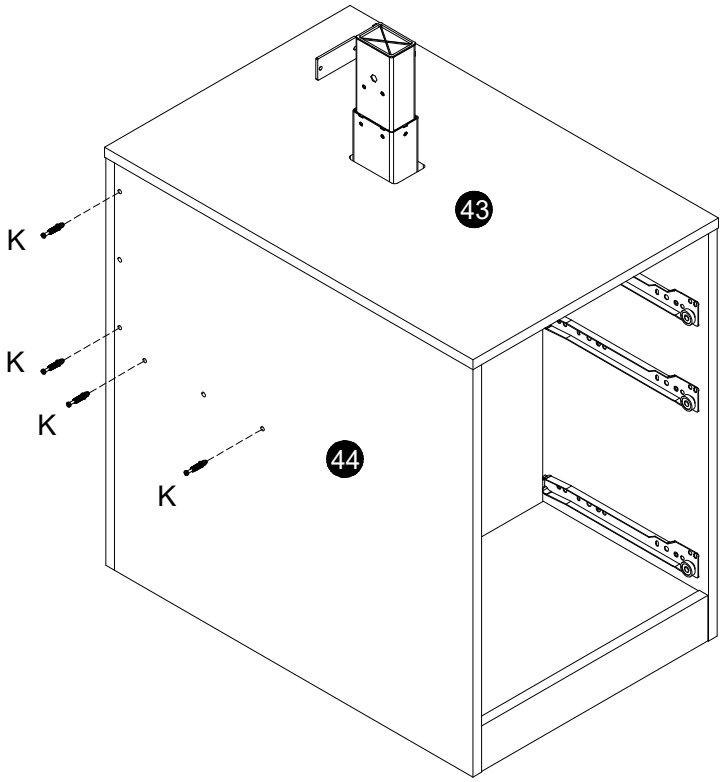
After this step is assembled, flip 90 degrees and turn it (to next step)

STEP 48

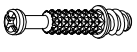
 K X4



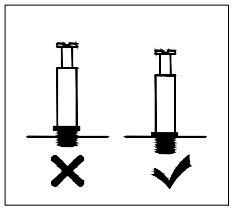


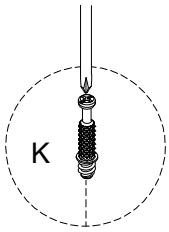


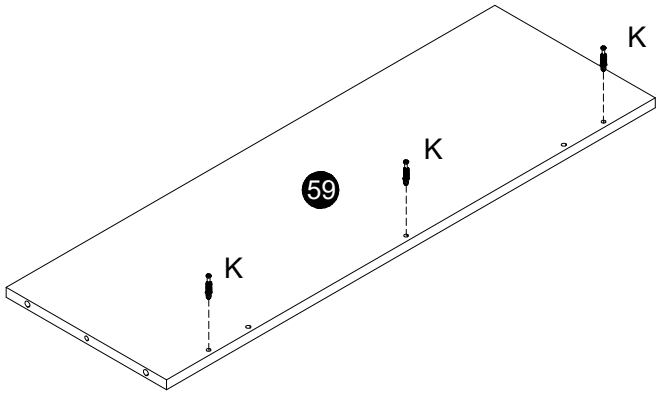
STEP 49



K X3

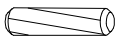




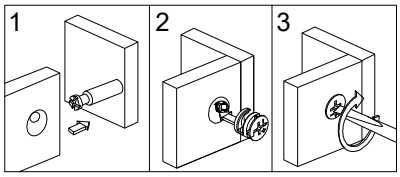


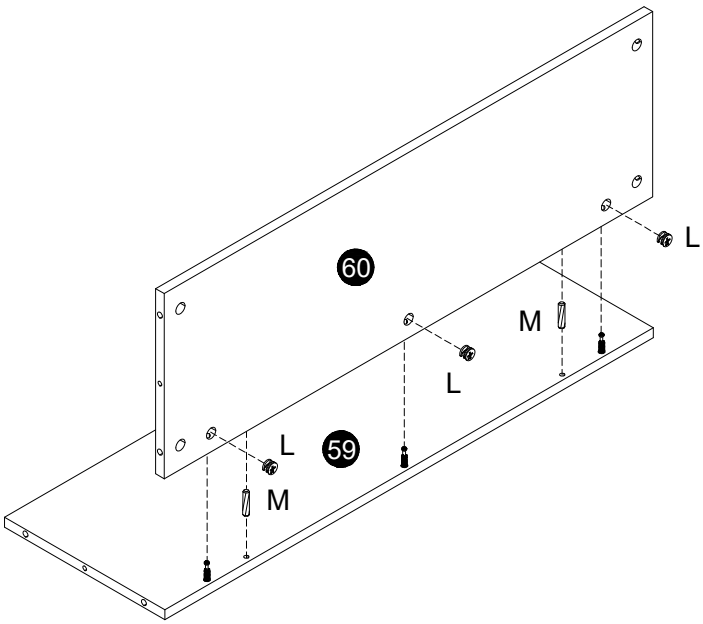
STEP 50

L X3



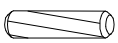
M X2



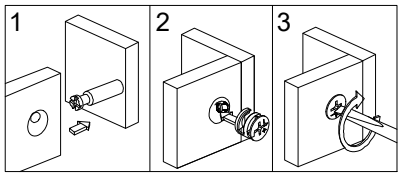


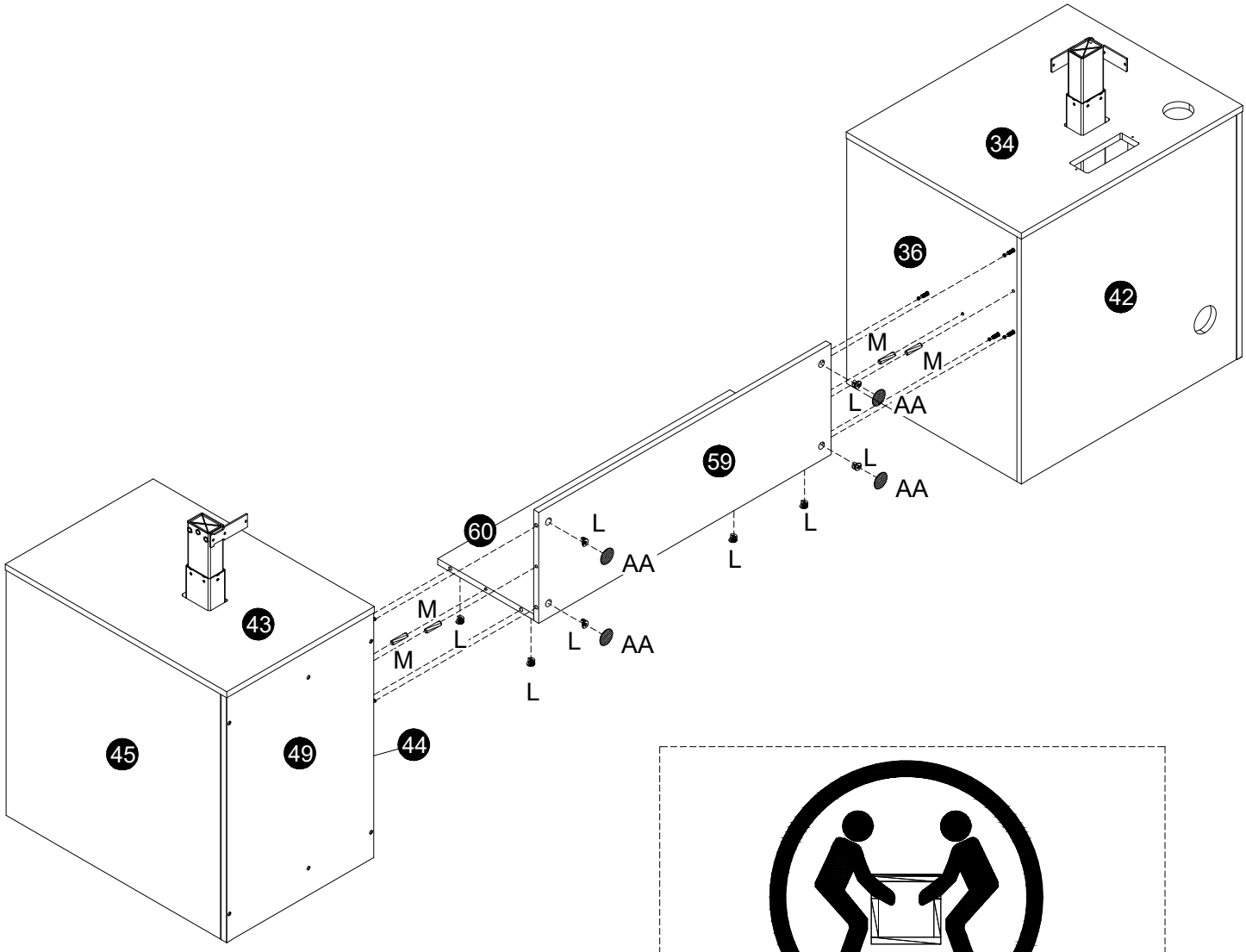
STEP 51

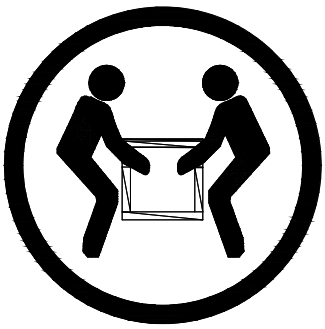
 L X8

 M X4

 AA X4







CAUTION: Heavy! You may need assistance with this step

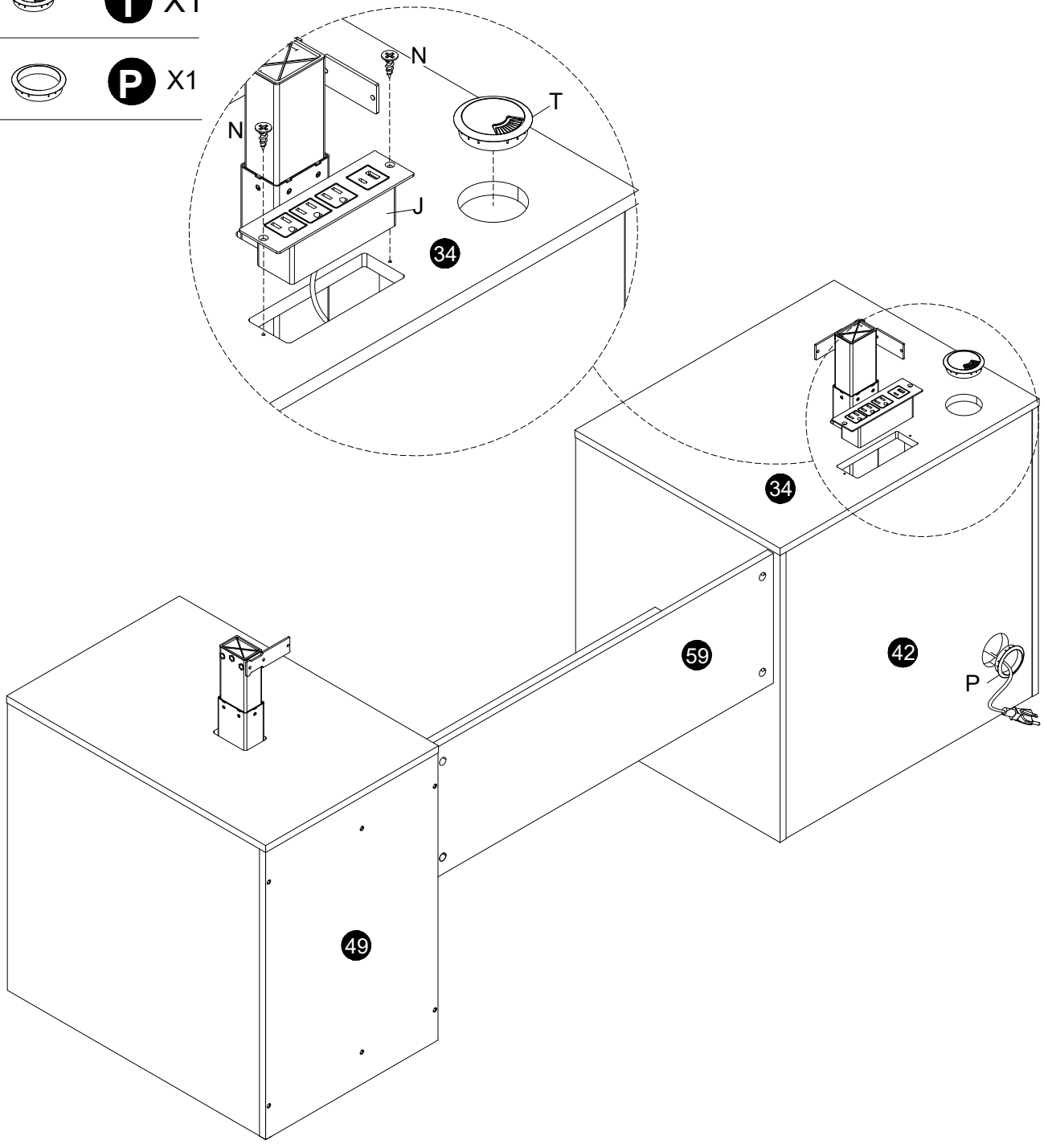
STEP 52


N X2

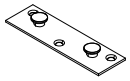

J X1


T X1

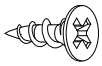
P X1



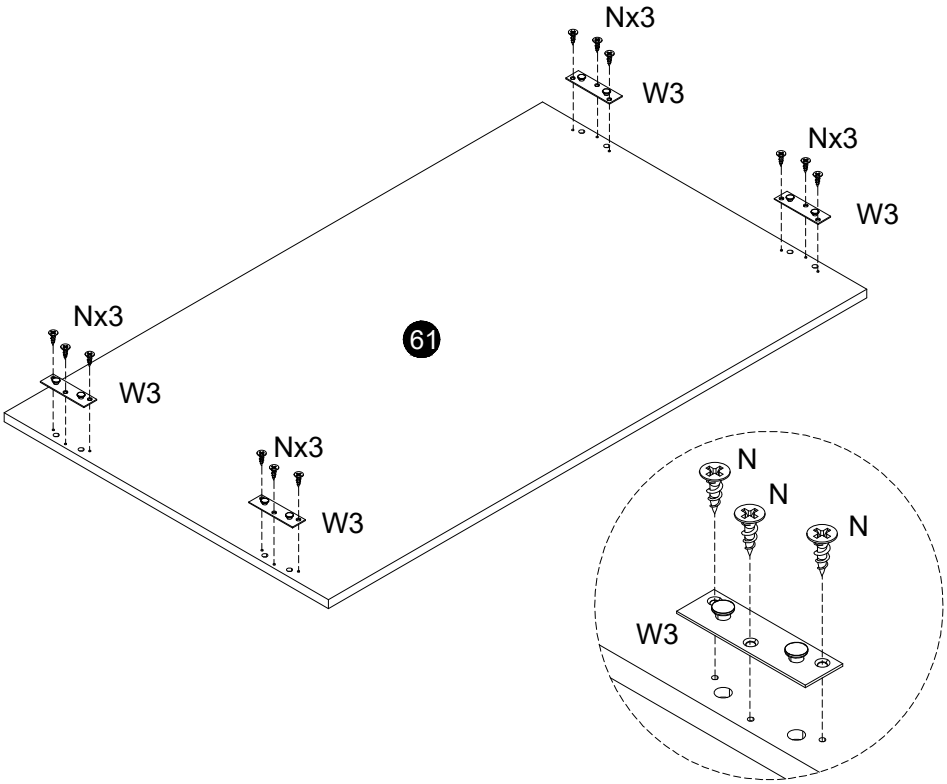
STEP 53



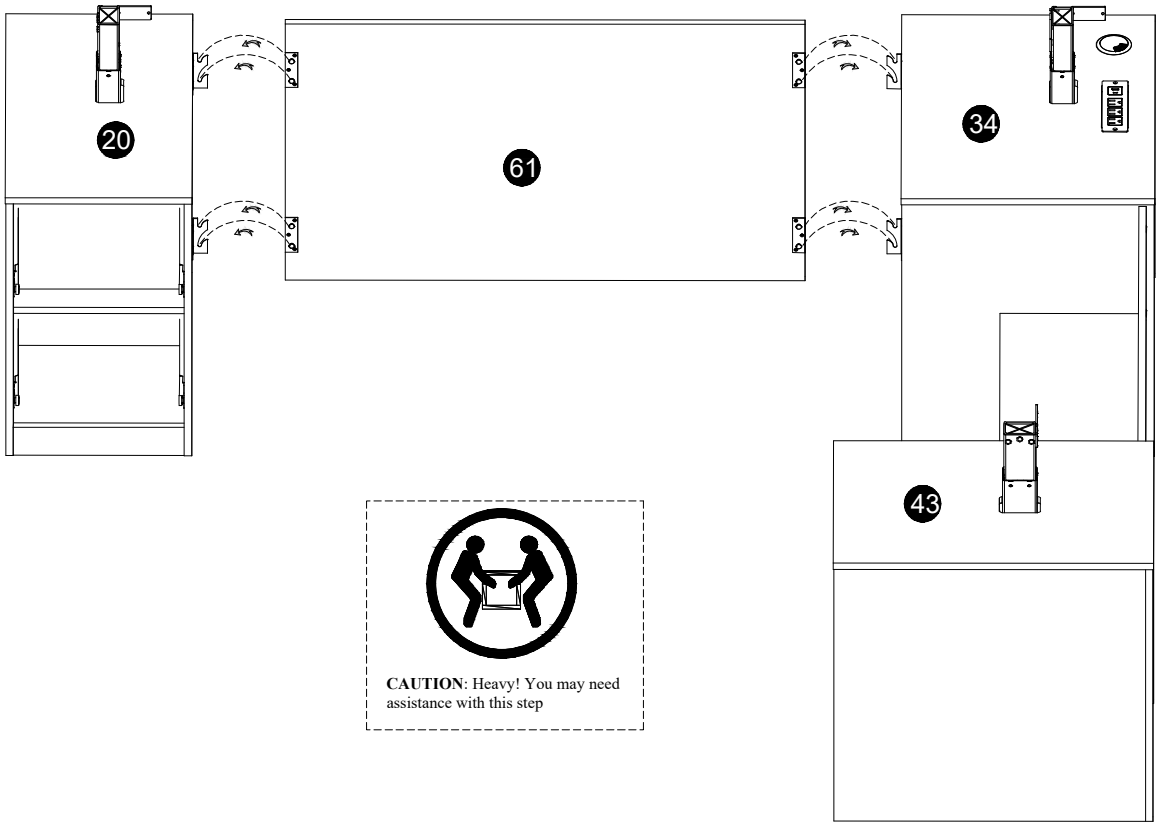
W3 X4



N X12



STEP 54

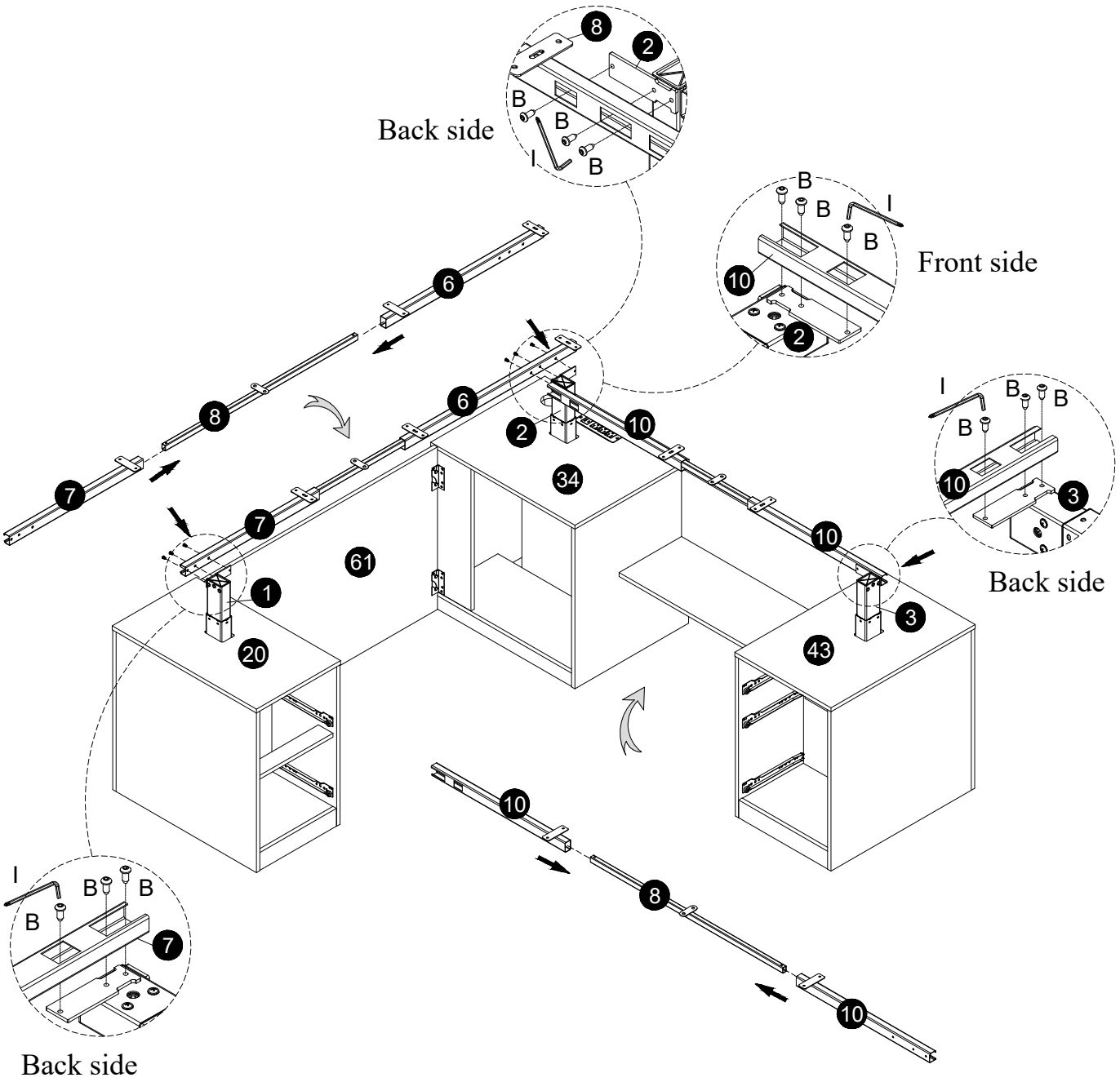


CAUTION: Heavy! You may need assistance with this step

STEP 55

B X12

I

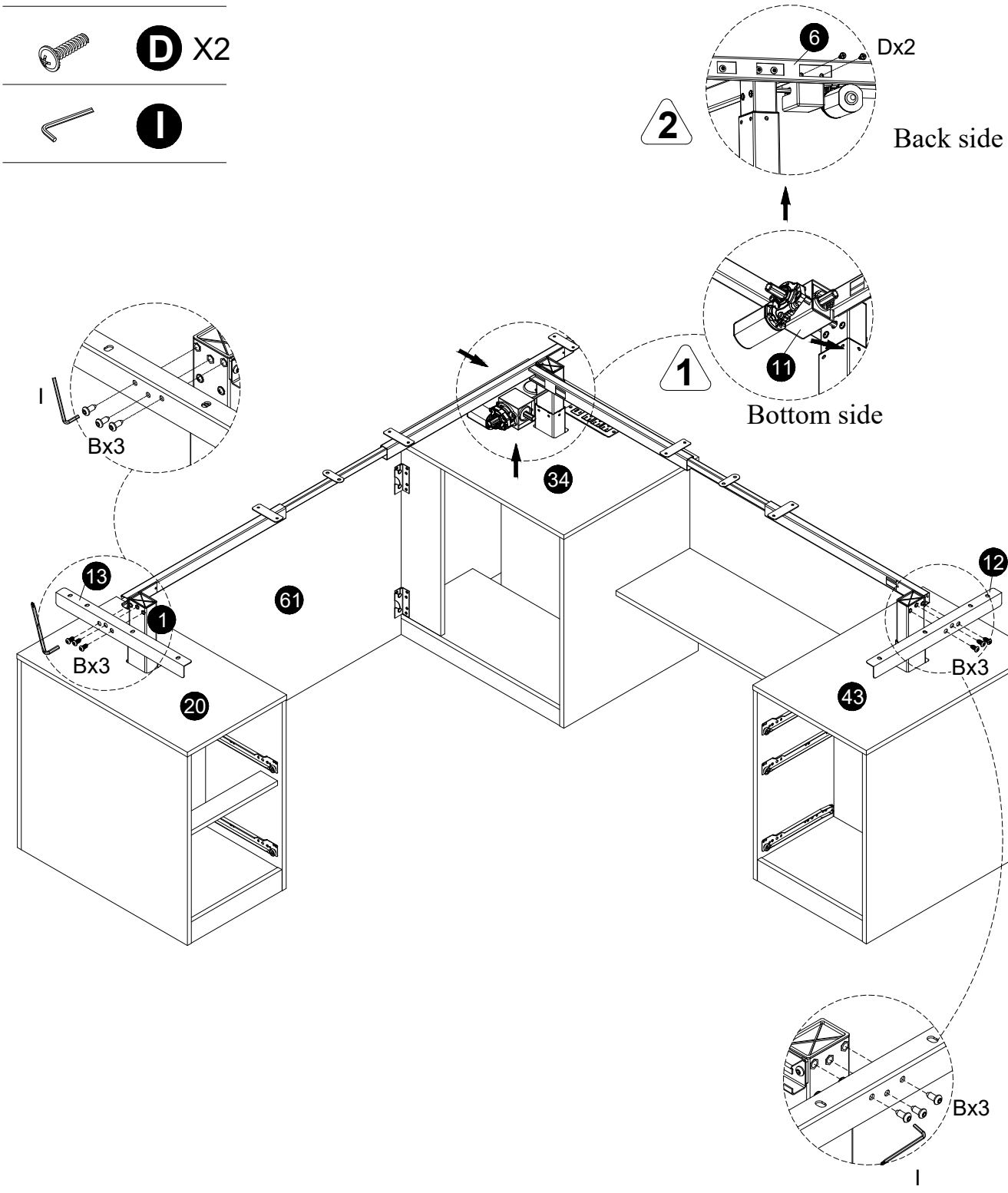


STEP 56

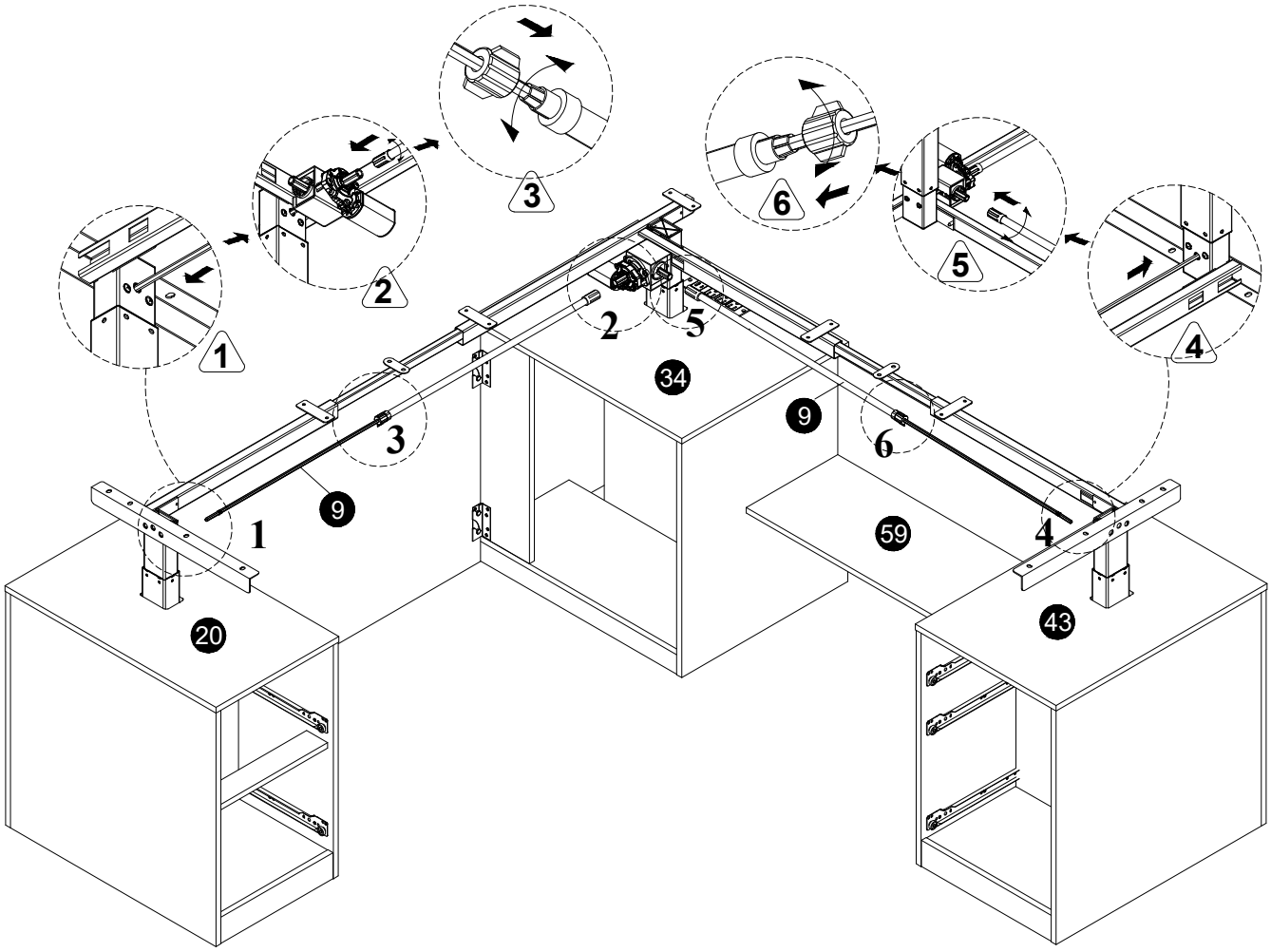

B X6

D X2

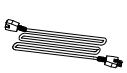
I

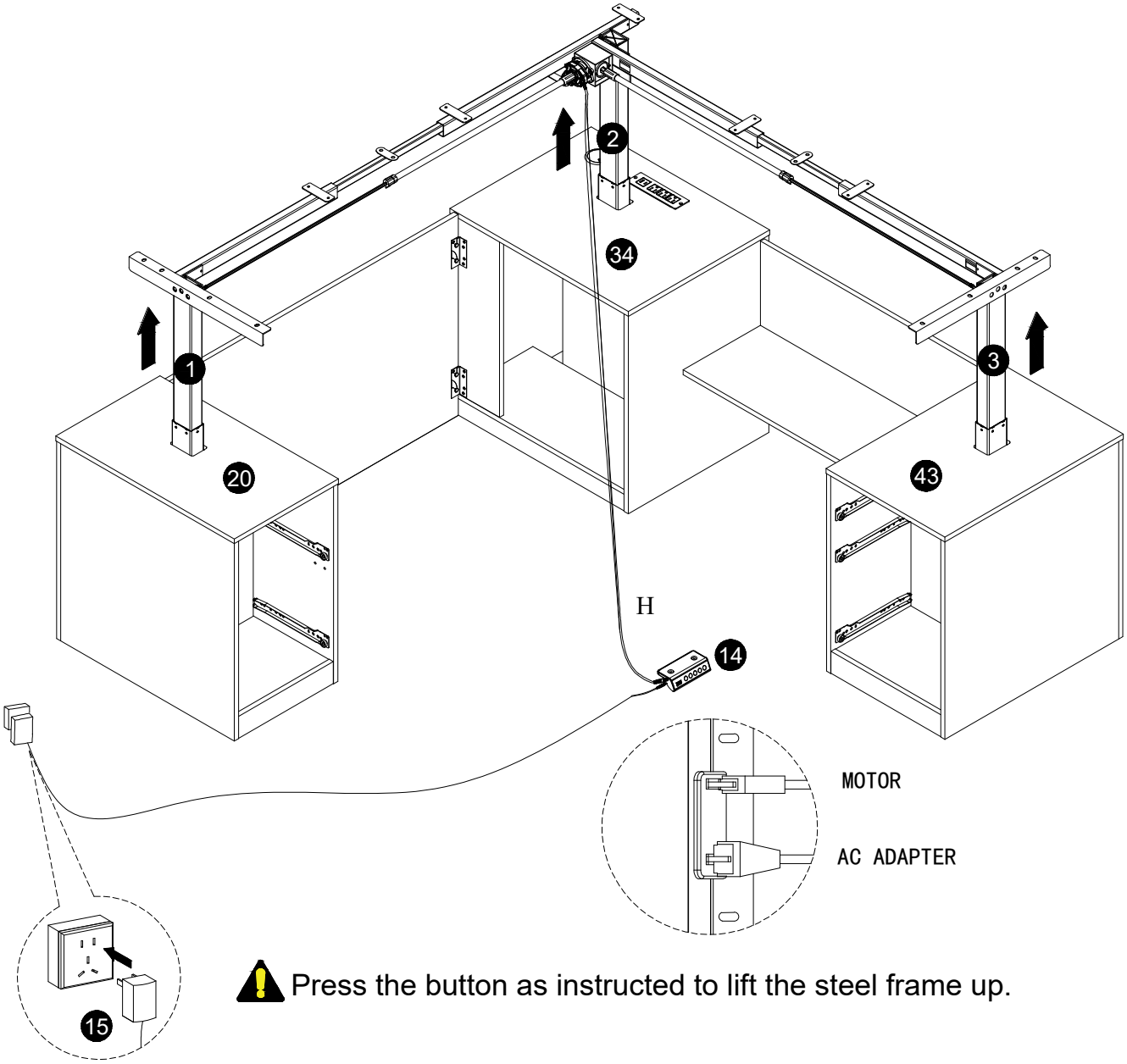


STEP 57



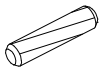
STEP 58

 H X1

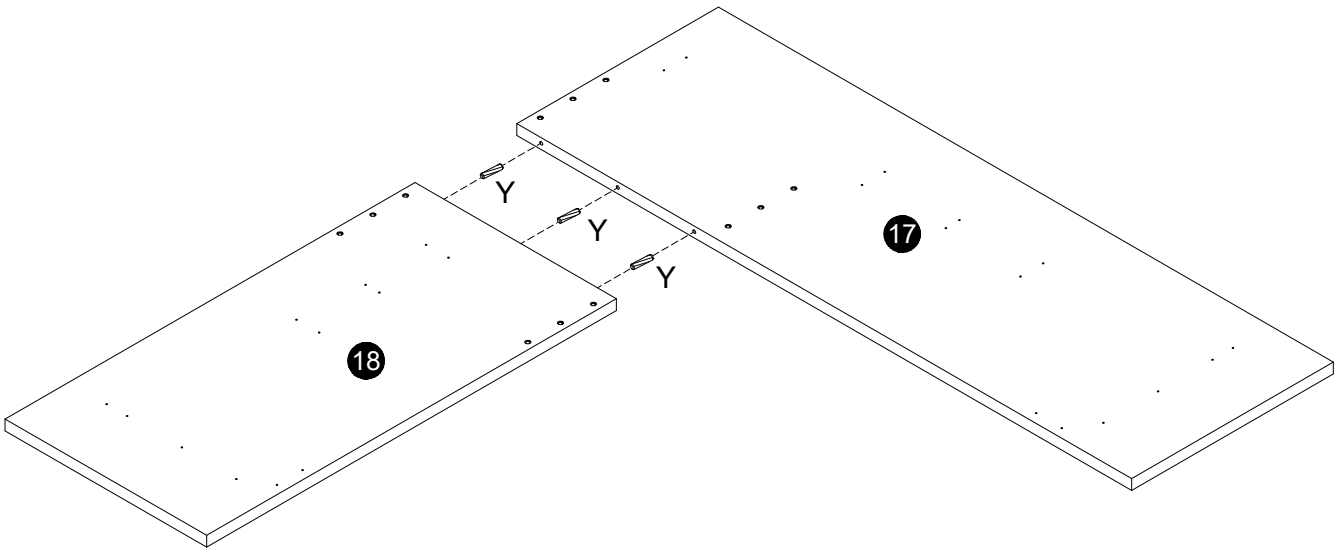


Press the button as instructed to lift the steel frame up.

STEP 59



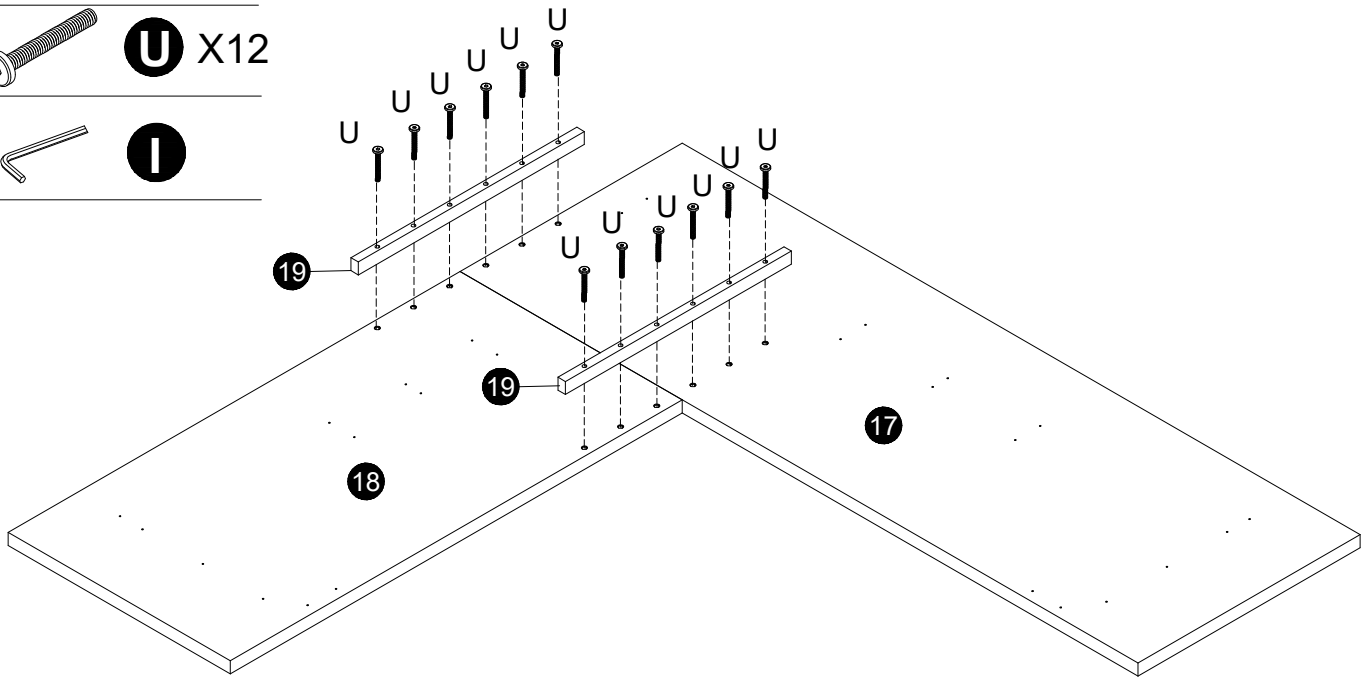
Y X3



STEP 60

U X12

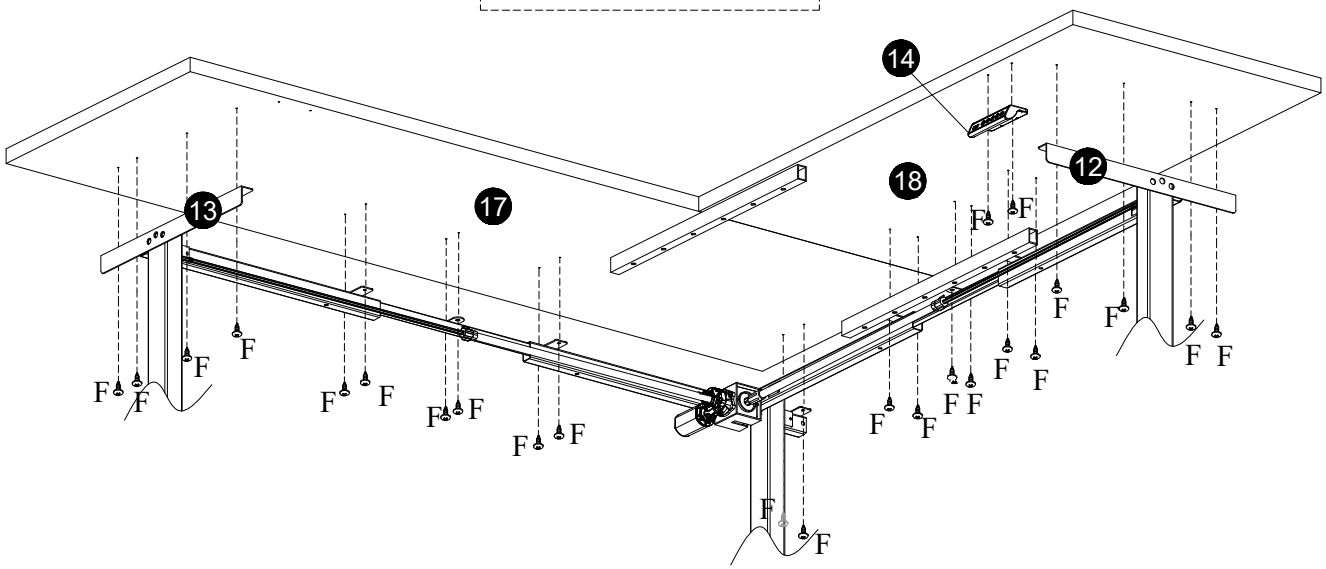
I



STEP 61

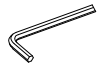
F X24

CAUTION: Heavy! You may need assistance with this step



STEP 62


C X8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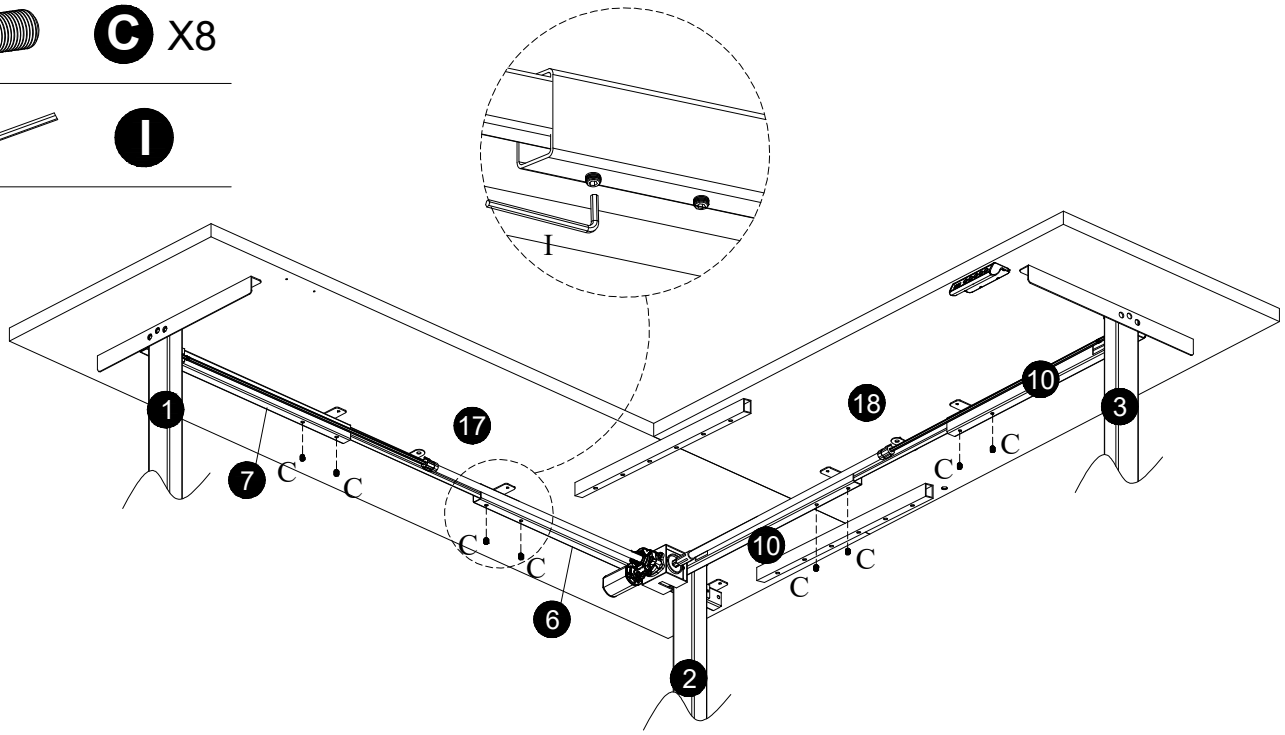
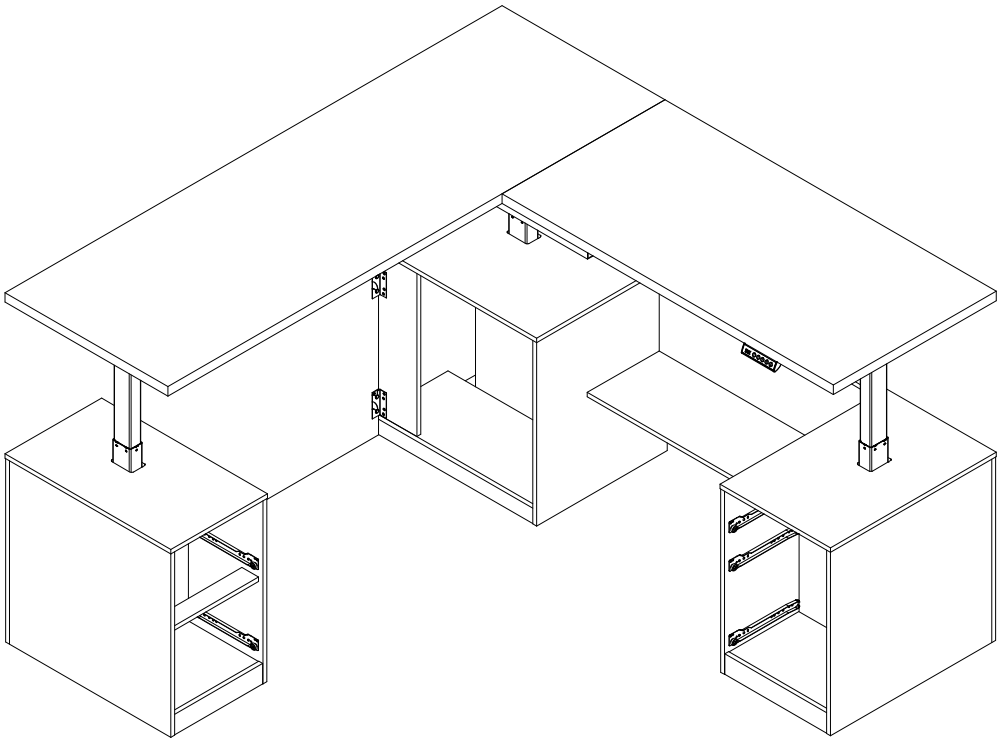
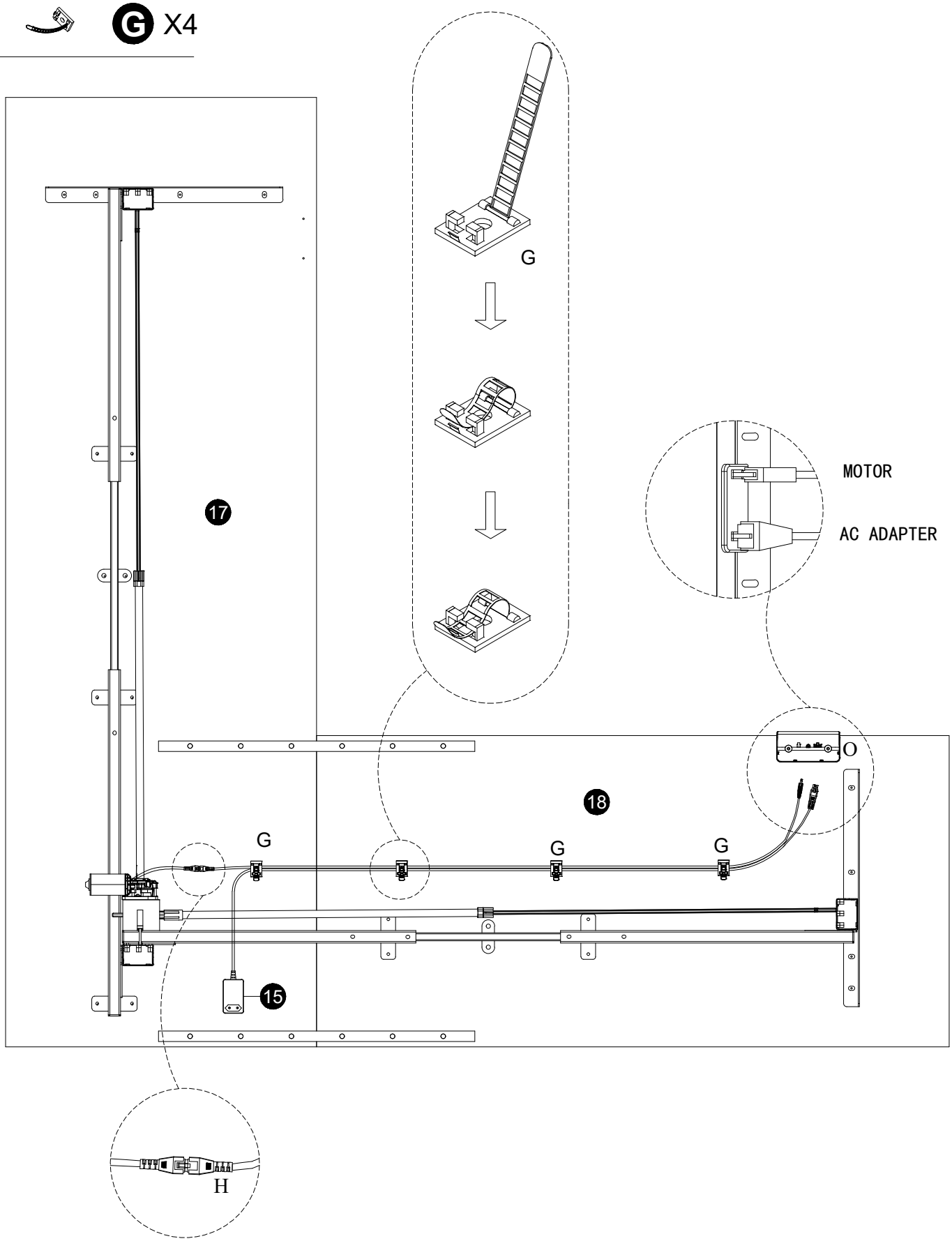


STEP 63



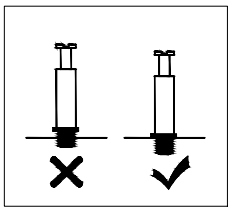
STEP 64

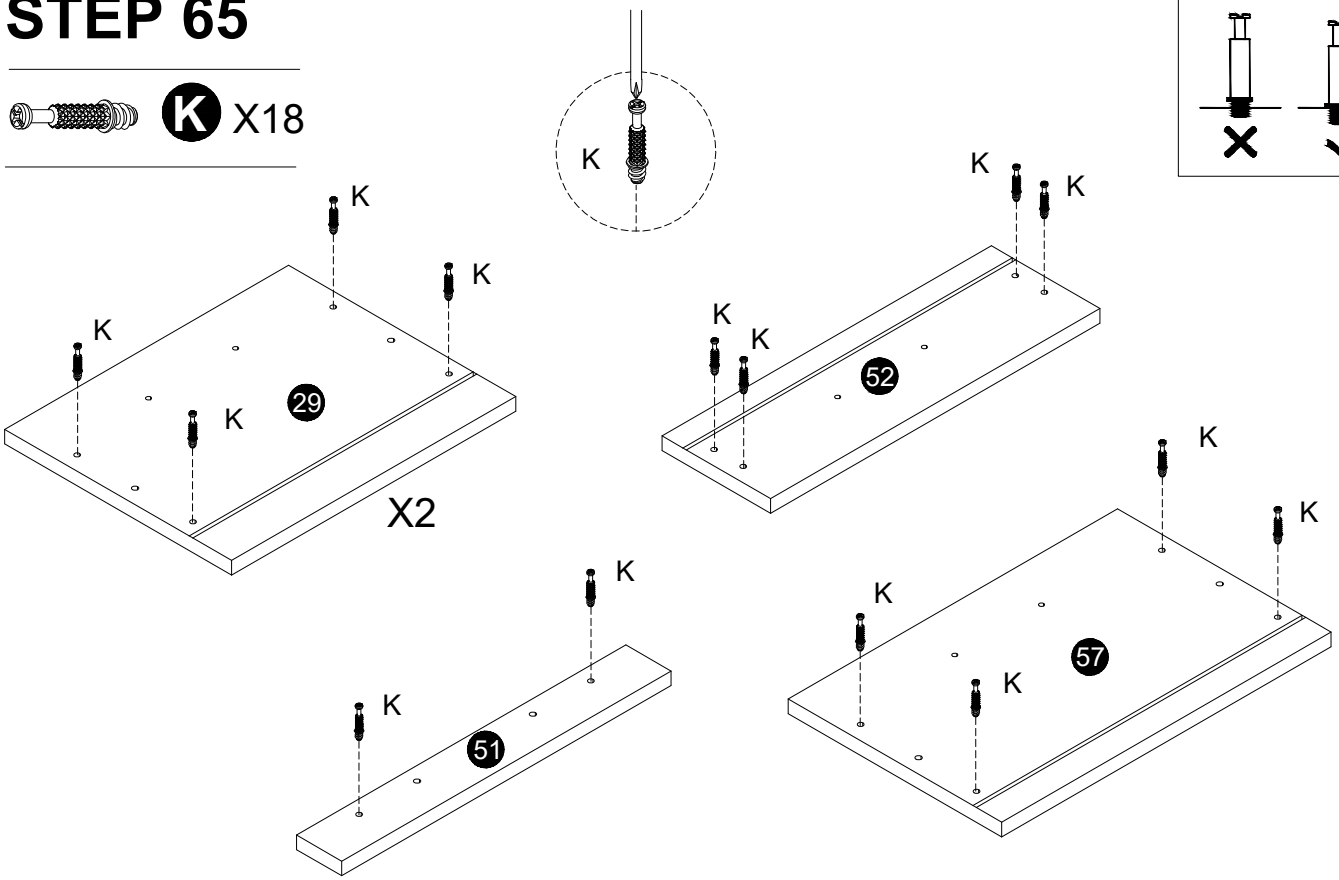
G X4



STEP 65

K X18

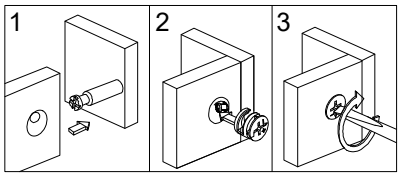


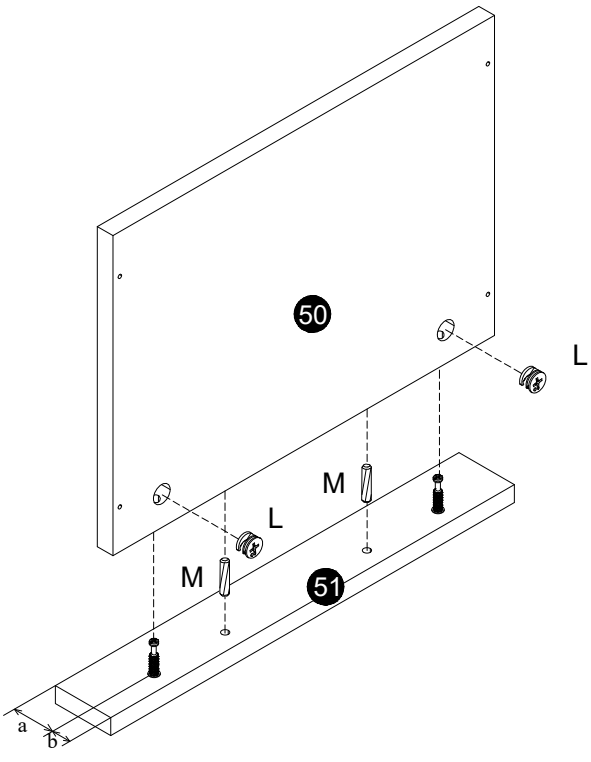


STEP 66

L X2

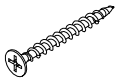
M X2





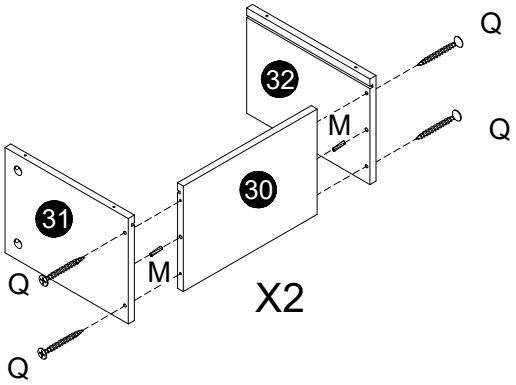
a>b

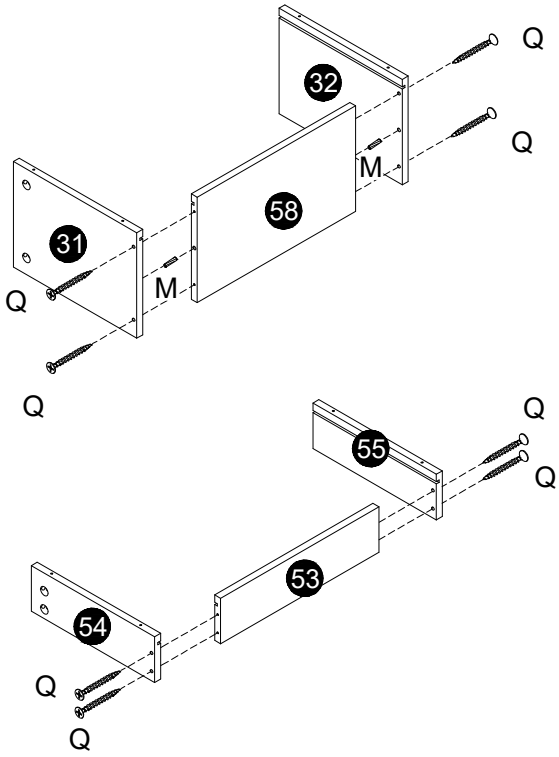
STEP 67



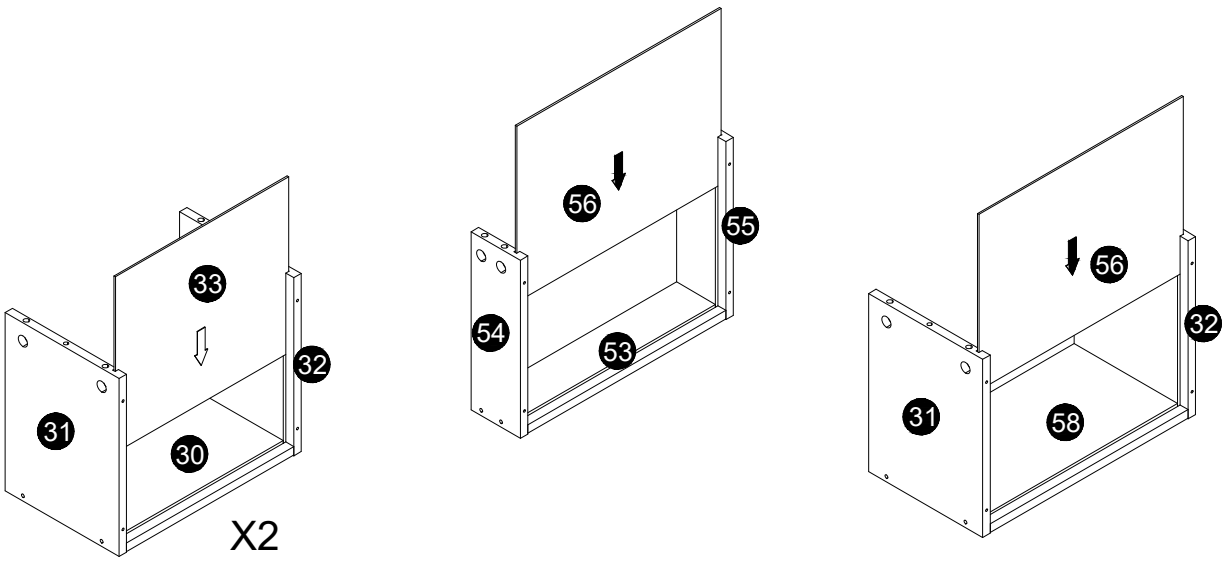
Q X16

M X6



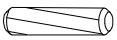


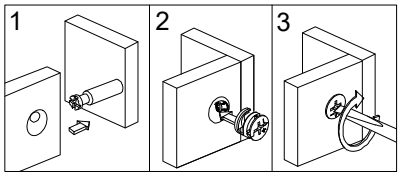
STEP 68

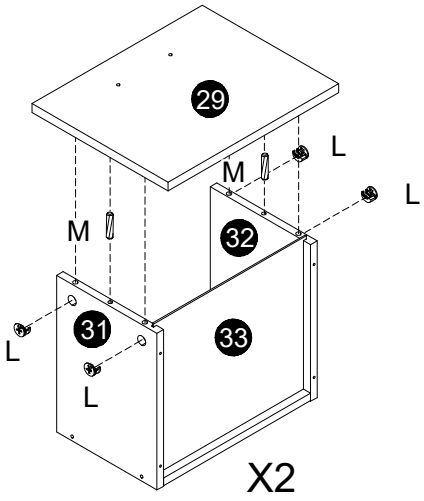


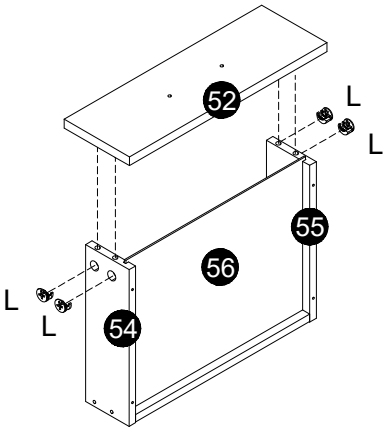
STEP 69

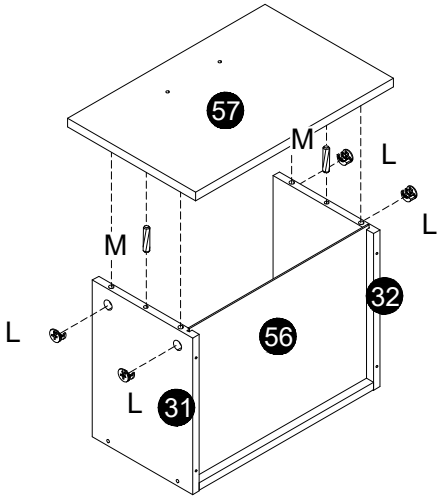
 L X16

 M X6

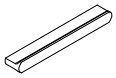




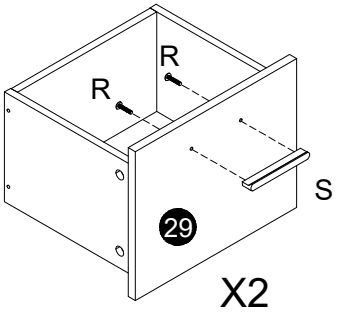


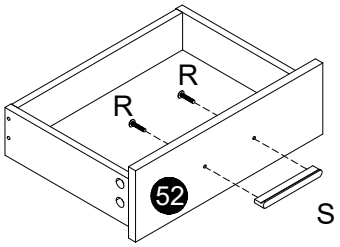


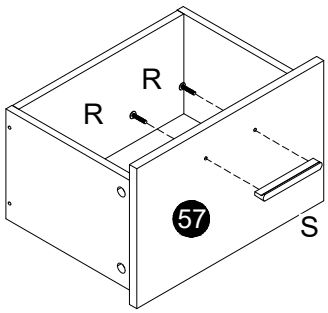
STEP 70

 S X4

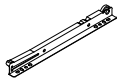
 R X8

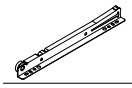




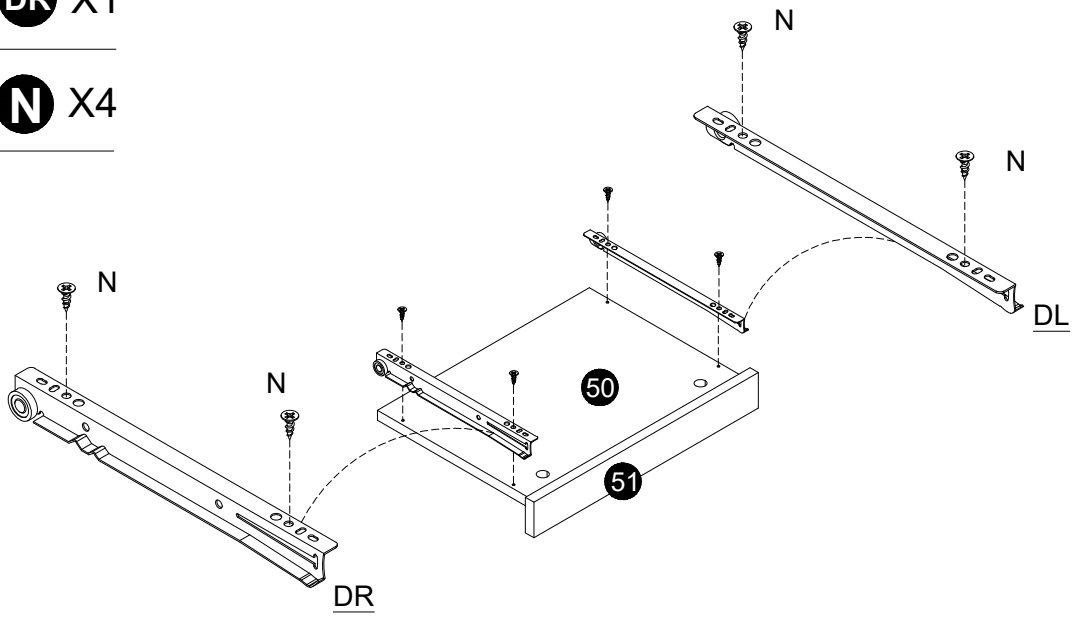


STEP 71

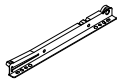

DL X1


DR X1


N X4



STEP 72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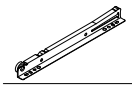
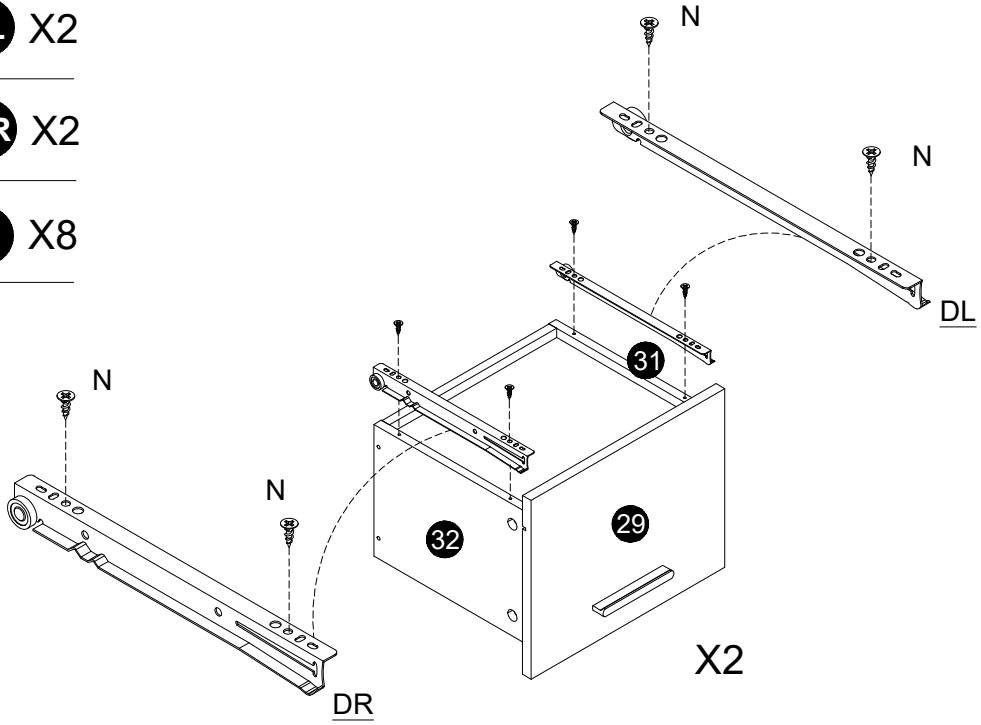
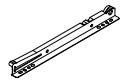

DR X2


N X8



STEP 73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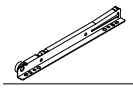
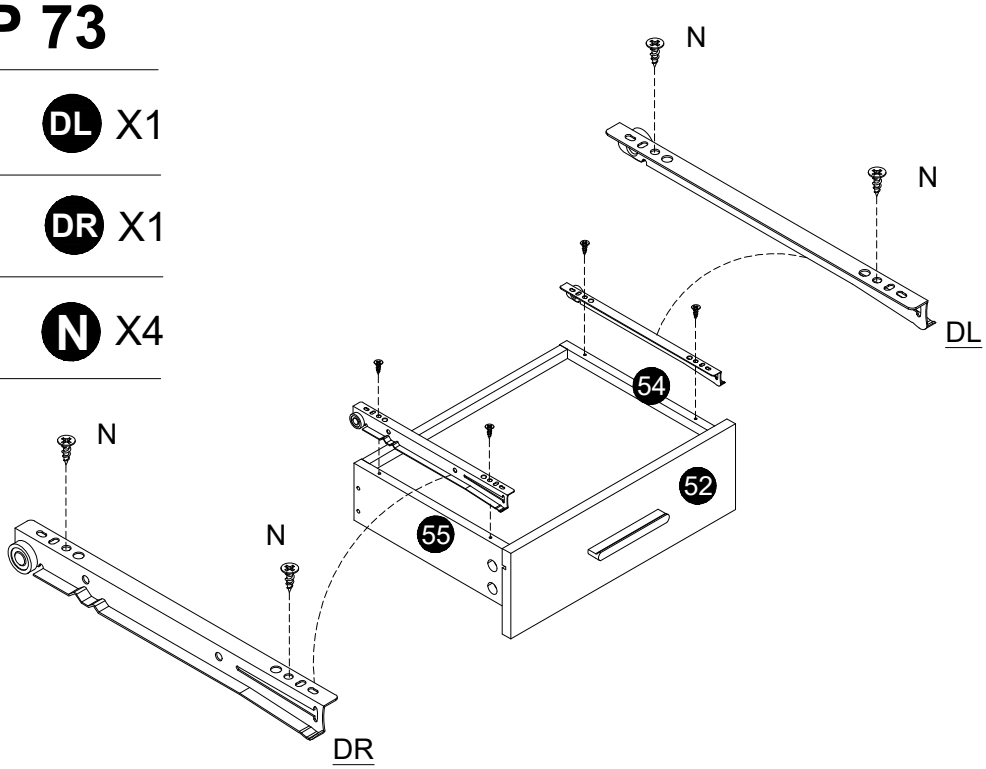
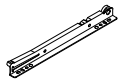

DR X1


N X4



STEP 74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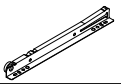
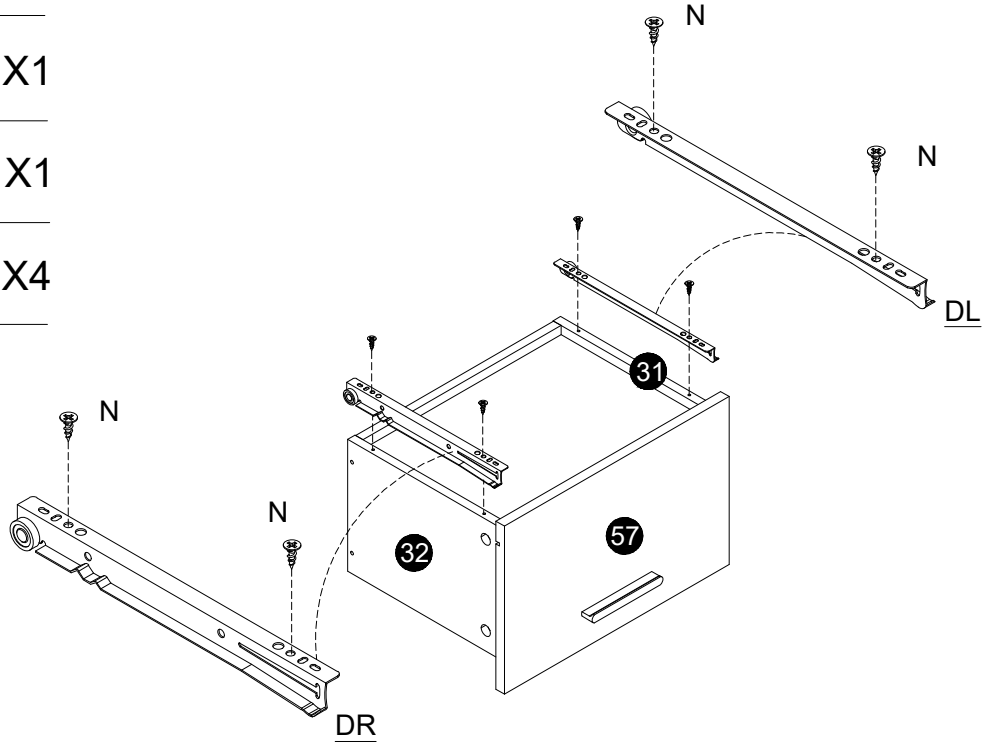
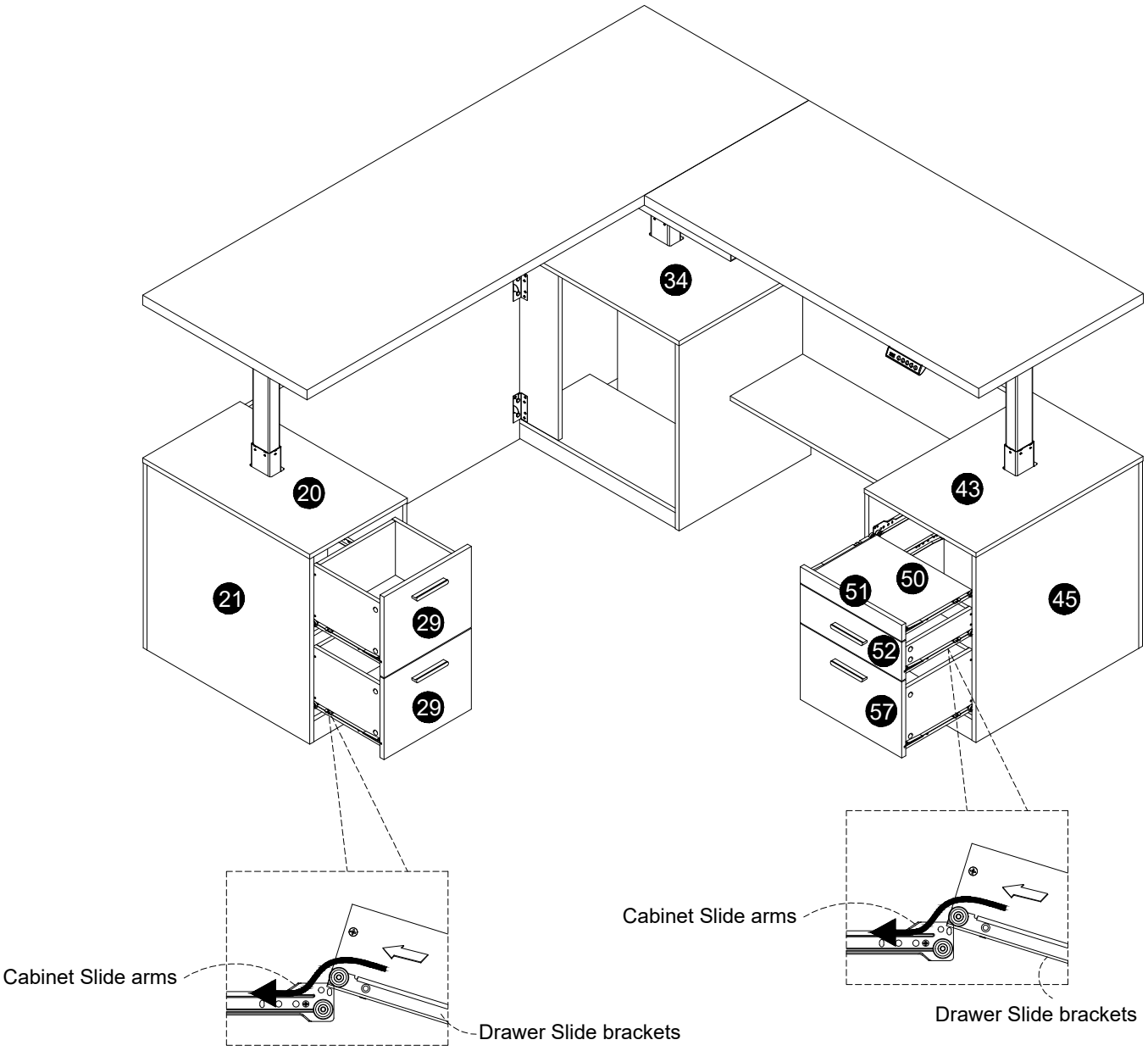

DR X1


N X4



STEP 75


34
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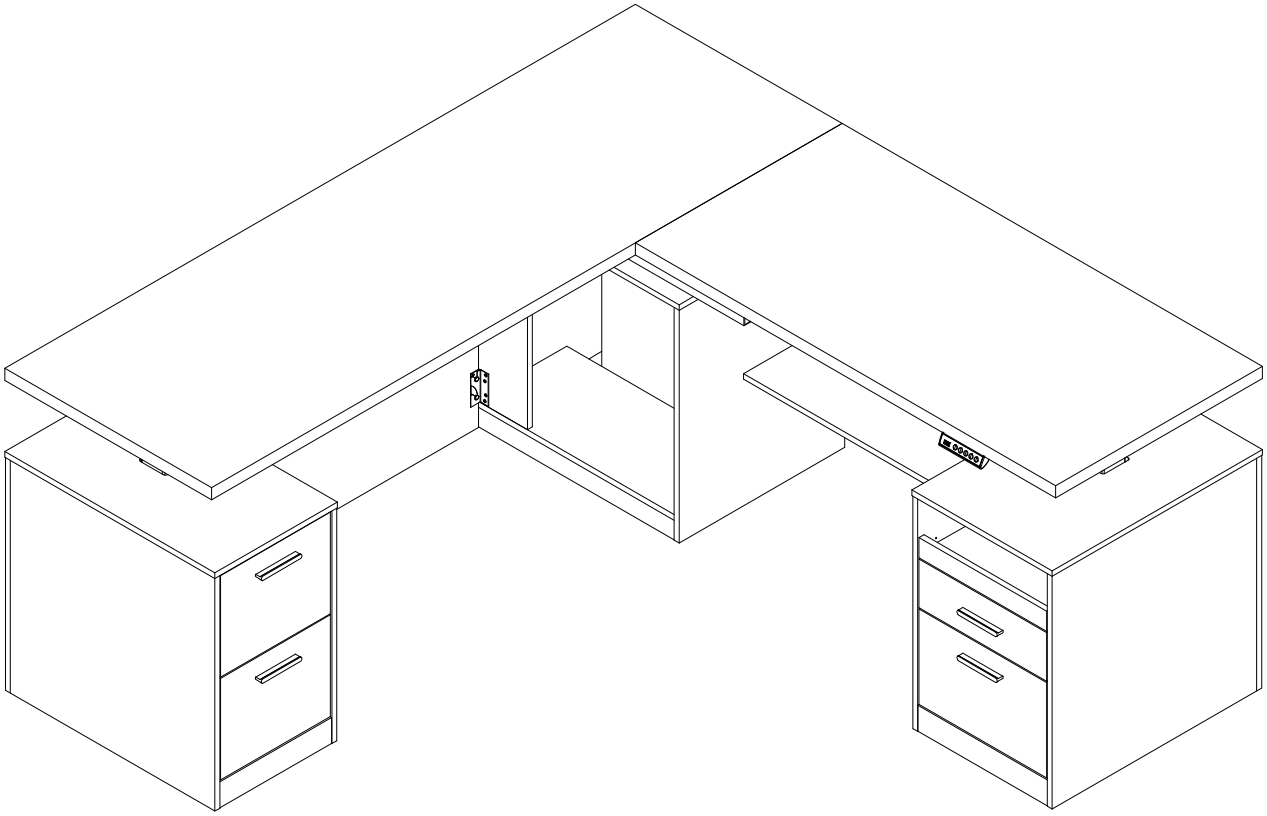
Cabinet Slide arms
Drawer Slide brackets
Cabinet Slide arms
Drawer Slide brackets

STEP 76



KDBC45C User Manual V1.0

Button Interface

Press "▲" to move up.
Press "▼" to move down.
Metric units displayed without decimal point.

Reset

When the system behaves abnormally, or the digital tube displays "rES", the lifting desk needs to be reset.
Reset procedure: After moving to the lowest height position, press and hold the "▼" key for 5 seconds. The display will show "rES" and the desk will automatically start moving down to the very bottom and then rebound to a certain height (you can release the key during this process).
When in an unreset state, pressing the down key can initiate an automatic reset.
After reset is complete, the lowest height is displayed, indicating a successful reset.

Memory Positions

Move to the desired height to store, then press and hold the corresponding number key "1 - 3". The current height will be stored in the corresponding memory position (H1 - H3). Briefly press a memory key to move the desk to the corresponding stored height.

Anti-Pinch Sensitivity Setting

Press and hold the "1+2" keys for 3 seconds to change the collision protection force level: Light (L), Normal ( ), Heavy (H), Off (OFF). The setting is automatically saved and exited once configured.

Lock Function

Lock: Press and hold the "1+3" keys for 3 seconds to lock. The digital tube displays "LoC".

Unlock: Press and hold the "1+3" keys for 3 seconds again to unlock.

Error Code	Description	Solution
E02 （Obstacle Protection）	An alarm triggers and movement stops immediately during movement if the desktop vibrates, collides, or tilts. Moves in reverse a short distance automatically to clear, or press any key to stop and clear during reverse movement.	Check and ensure no significant vibration, obstacles, or tilting occurs during desk operation, then operate again.
HOT （Overheat Protection）	Power supply temperature is too high, or the system has been running continuously for too long. (Operation exceeds 2 minutes) Stays lit.	Restart the power or let the system rest for 18 minutes before operating again.
E10	Motor abnormality	Power off, recheck and ensure the connection between the motor and the controller is secure, then power on again.
E20	Overload	If this alarm occurs during upward movement, remove some weight from the desktop before operating. If it occurs during downward movement, power off, remove some weight from the desktop, then power on again.
E31	Under-voltage Protection	Power off, recheck and ensure the connection between the power supply and the controller is secure, then power on again.
E32	Over-voltage Protection	Power off, recheck and ensure the connection between the power supply and the controller is secure, then power on again.

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