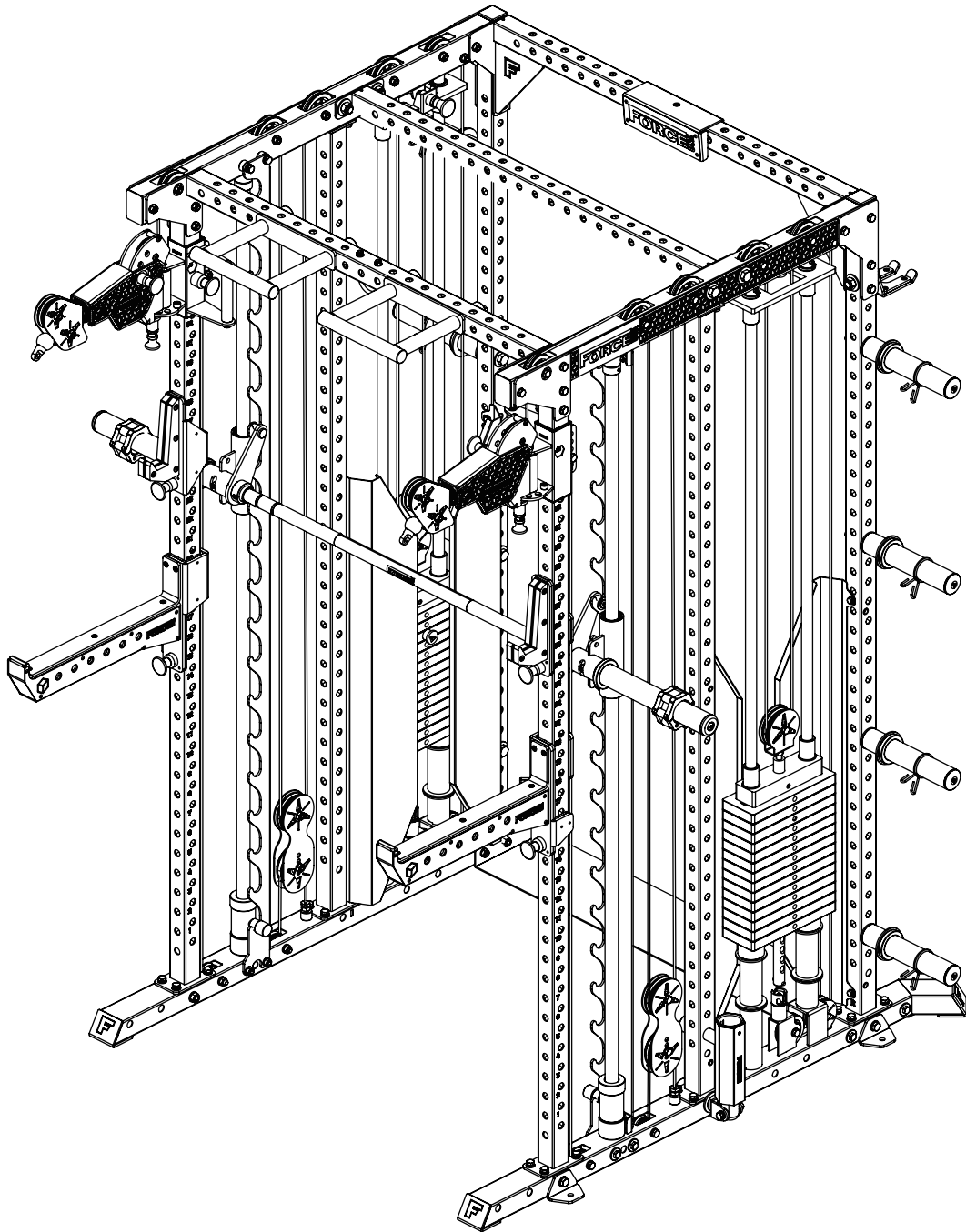


FORCE^{USA}



USER MANUAL | **F-M10**



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IMPORTANT SAFETY INSTRUCTIONS



Regular maintenance is key to ensuring your safety and extending the lifespan of your Force USA equipment. Following the cleaning and lubrication cycles detailed here prevents premature wear, helps avoid potential injuries, and ensures optimal performance.

1. General Readiness & Assembly

- **Read the Manual:** Read all instructions and warning labels before assembling or using this equipment. Keep these instructions for future reference.
- **Assembly Safety:** It is highly recommended that two or more people perform the assembly. Assemble on a flat, level surface.
- **Hardware:** During assembly, only tighten nuts and bolts loosely. Once fully assembled, tighten all hardware from the bottom up, working evenly around the unit.
- **Orientation:** "Left" and "right" refer to the perspective of standing in front of and facing the equipment.

2. Medical & Health Advisory

- **Consult a Physician:** Before starting any exercise program, consult your doctor, especially if you are over 35 or have pre-existing health conditions.
- **Listen to Your Body:** Stop immediately if you experience pain, dizziness, nausea, or shortness of breath.
- **Preparation:** Always stretch and warm up properly prior to using the equipment.

3. Environment & Workspace

- **Surface:** Use a flat, stable surface. Consider a mat to protect your flooring.
- **Clearance:** Maintain at least 3–5 feet (1–1.5 meters) of clearance around the unit to avoid obstacles or interference.
- **Storage:** Do not use or store the equipment outdoors or near water.

4. Proper Usage & Technique

- **Safe Interaction:** Keep hair, fingers, and clothing away from all moving parts. Tie back long hair and remove jewelry.
- **Technique:** Focus on correct form and controlled movements. Increase weight or intensity gradually.

- **Supervision:** Keep children and pets away from the equipment at all times. For heavy lifting, use a spotter.

5. Technical Maintenance & Inspection

(Refer to the Maintenance Checklist on page 6 for specific component care)

- **Pre-Use Inspection:** Ensure all parts are in working order before every session. Check for cracks, wear, or loose bolts.
- **Moving Parts:** Do not over-tighten components with a pivoting function; they must move freely.
- **Specific Lubrication:** Use only silicone spray for the Smith Bar and Guide Rods as specified. Never spray ball bearings with silicone, as this washes out the internal grease.
- **Cable Integrity:** Regularly check cables for proper tension and signs of fraying. Ensure the weight selector pin inserts smoothly.
- **Defective Parts:** Never operate the equipment if parts are worn or malfunctioning. Replace defective components immediately.

6. Daily Cleaning

- **Hygiene:** Wipe down the equipment after each use with a dry, non-abrasive cloth to remove sweat and dust, preventing corrosion and material degradation.

BEFORE YOU START CONTINUED

MAINTENANCE CHECKLIST FOR FITNESS EQUIPMENT

• 1. Smith Bar

- Cleaning and Care
- The Smith bar must only be cleaned and lubricated with silicone spray.
- Manufacturer recommendation: CardioStrong silicone spray (FitShop).
- **Procedure:**
- Spray the bar generously with silicone spray.
- Wipe thoroughly with a dry, clean cloth.
- Repeat the process until the bar is completely clean.
- Finally, spray the bar again and leave the silicone spray on the surface as a protective and lubricating layer.
- **Maintenance Interval**
- Especially important before first use.
- Inspect every 4–6 weeks.
- Reapply if the bar appears dry.
- A light lubricating film should always be present on the bar.

• 2. Weight Stack Guide Rods

- Cleaning and Care
- The guide rods must only be cleaned and lubricated with silicone spray.
- Manufacturer recommendation: CardioStrong silicone spray (FitShop).
- **Procedure:**
- Spray the guide rod with silicone spray.
- Wipe with a dry cloth.
- Repeat until the rod is completely clean.
- Spray again and leave the product on the surface as a protective and lubricating layer.
- **Maintenance Interval**
- Especially important before first use.
- Inspect every 4–6 weeks.
- Reapply if the surface appears dry.
- A light lubricating film must be present at all times.

• 3. Machine Ball Bearings

- **Important Notes**
- Ball bearings must not be sprayed with

silicone spray, as this may wash out the existing bearing grease.

- Maintenance should be performed once per year.
- Use penetrating grease for servicing.
- Apply penetrating grease directly to the ball bearings once per year.

4. Cables

Inspection and Adjustment

- Regularly check cables for proper tension and overall condition.
- If necessary, tighten the cable at one of the adjustment points.
- The goal is to ensure that the weight selector pin can be inserted smoothly into every weight plate.
- If insertion is not possible, slightly loosen the cable accordingly.

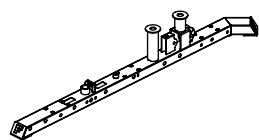
Special Note – Freestyle Pulley

- Ensure that the cable at the rear of the Freestyle Pulley (front cable attachment)
 - either hangs straight down
 - or has slight play for movement.
- This prevents the formation of a predetermined breaking point.

Maintenance Schedule Overview

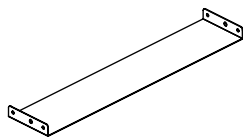
Maintenance Area	Maintenance Interval
Smith Bar	Every 4–6 weeks
Weight Stack Guide Rods	Every 4–6 weeks
Cables	Annually

HARDWARE IDENTIFIER



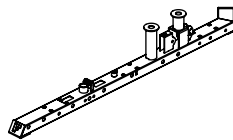
① x1

Base Frame - Right



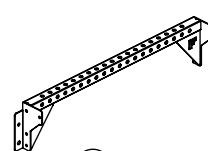
② x1

Connection Frame



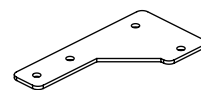
⑦ x1

Base Frame - Left



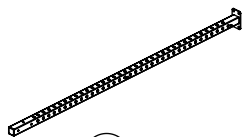
⑧ x1

Rear Top Connecting Frame



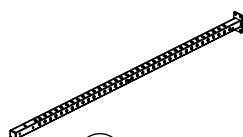
⑨ x2

Rear Top Support Bracket



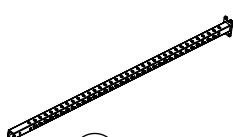
⑬ x1

Rear Right Upright



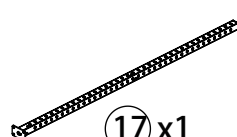
⑭ x1

Rear Left Upright



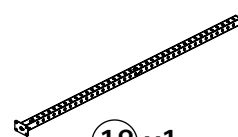
⑯ x2

Front Upright



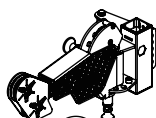
⑰ x1

Middle Right Upright



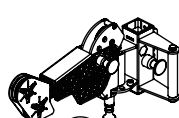
⑱ x1

Middle Left Upright



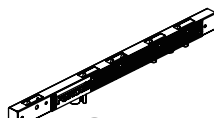
⑲ x1

Freestyle Trolley Right



⑳ x1

Freestyle Trolley Left



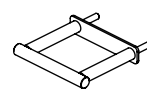
㉑ x1

Right Top Frame



㉒ x1

Left Top Frame



㉓ x2

Adjustable Pull Up Handle



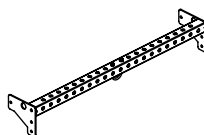
㉔ x4

Knurled Nut



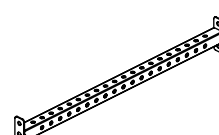
㉕ x2

Front Top Support Bracket



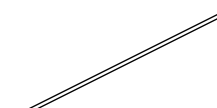
㉖ x1

Front Connection Frame



㉗ x1

Middle Connection Frame



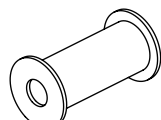
㉘ x4

Guide Rod



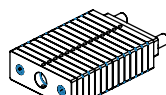
㉚ x4

Weight Stack Rubber Bumper



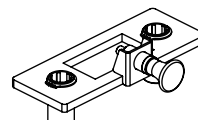
㉛ x4

Weight Stack Spacer



㉜ x2

Weight Stack



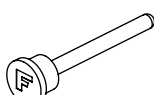
㉝ x2

2KG Incremental Weight Plate



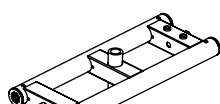
㉞ x2

Pulley Frame



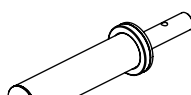
㉟ x2

Weight Stack Selector Pin



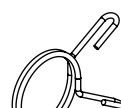
㊱ x2

Weight Plate Frame



㊲ x4

Weight Plate Storage



㊳ x4

Spring Collar



㊴ x2

Upper Main Frame Cable



㊵ x2

Pulley Bracket



㊶ x8

75mm Pulley



㊷ x6

90mm Pulley



㊸ x6

50mm Pulley



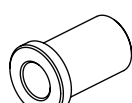
㊹ x24

Pulley Bushing



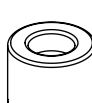
㊺ x2

Lower Main Frame Cable



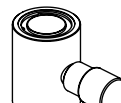
㊻ x8

Pulley Bushing



㊼ x2

Smith Bar Guide Rod



㊽ x2

Smith Bar Safety Hook



㊾ x2

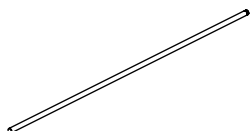
Smith Bar Rubber Bumper

HARDWARE IDENTIFIER



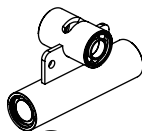
56 x2

Smith Bar Top Locking Sleeve



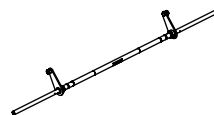
57 x2

Smith Bar Guide Rod



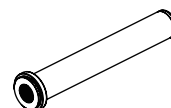
58 x2

Smith Bar Sliding Frame



59 x1

Smith Bar



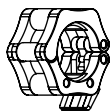
60 x2

Smith Barbell Sleeve



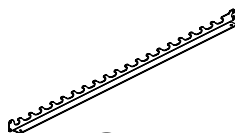
61 x2

Smith Barbell Sleeve Spacer



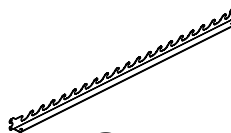
63 x2

Magnetic Olympic Lock Collar



64 x1

Smith Bar Hook Plate - Right



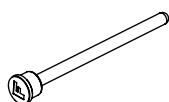
65 x1

Smith Bar Hook Plate - Left



68 x2

spacer sleeve



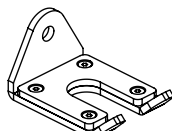
97 x4

Mag Pin



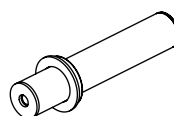
72 x8

Spring Collar



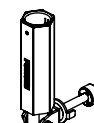
73 x1

Barbell Hanger



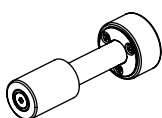
74 x8

Weight Plate Storage



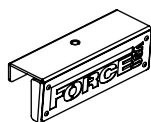
76 x1

Magnetic Landmine



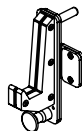
77 x1

Landmine Magnet



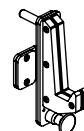
78 x1

LOGO Plate



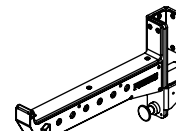
79 x1

J-Hook Right



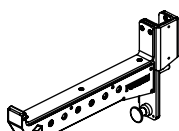
80 x1

J-Hook Left



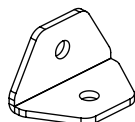
81 x1

Spotter Arm Right



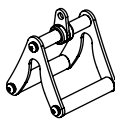
82 x1

Spotter Arm Left



83 x4

Bracket L-Shape Floor



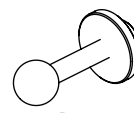
87 x1

Close Grip Triangular Landmine Handle



88 x2

Hook



89 x4

Peg



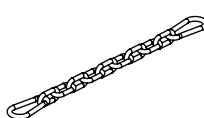
90 x1

Ankle Cuff



91 x2

Single Knurled Handle



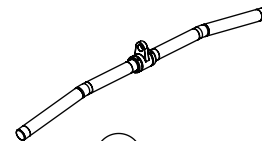
92 x4

Extension Chain



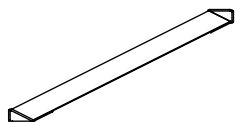
93 x1

Tricep Rope



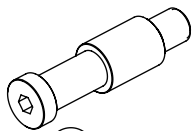
94 x1

Revolving Lat Pull Down Bar



95 x1

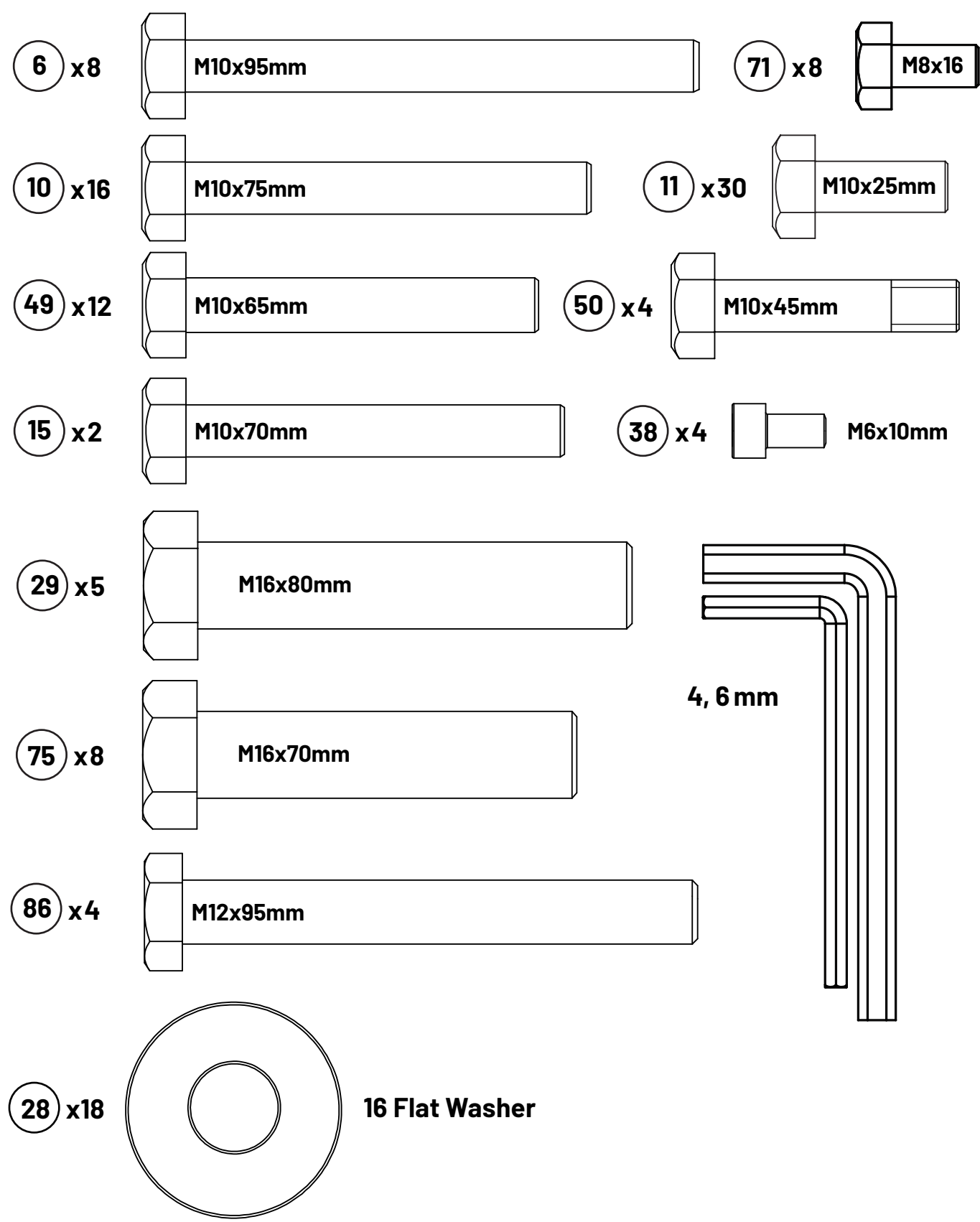
Bodyweight Assisted Strap



96 x8

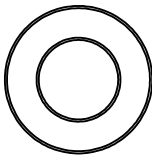
Weight Stack Band Peg Hook

HARDWARE IDENTIFIER



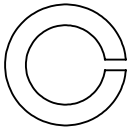
HARDWARE IDENTIFIER

4 x75



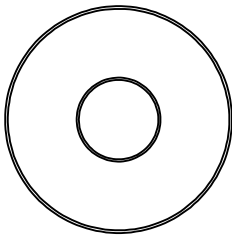
10 Flat Washer

12 x28



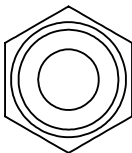
10 Spring Washer

3 x6



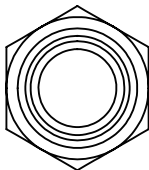
Large Flat Washer

5 x41



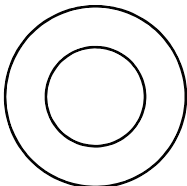
M10 Lock Nut

85 x4



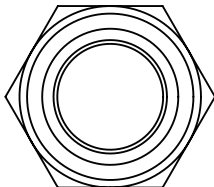
M12 Lock Nut

84 x8

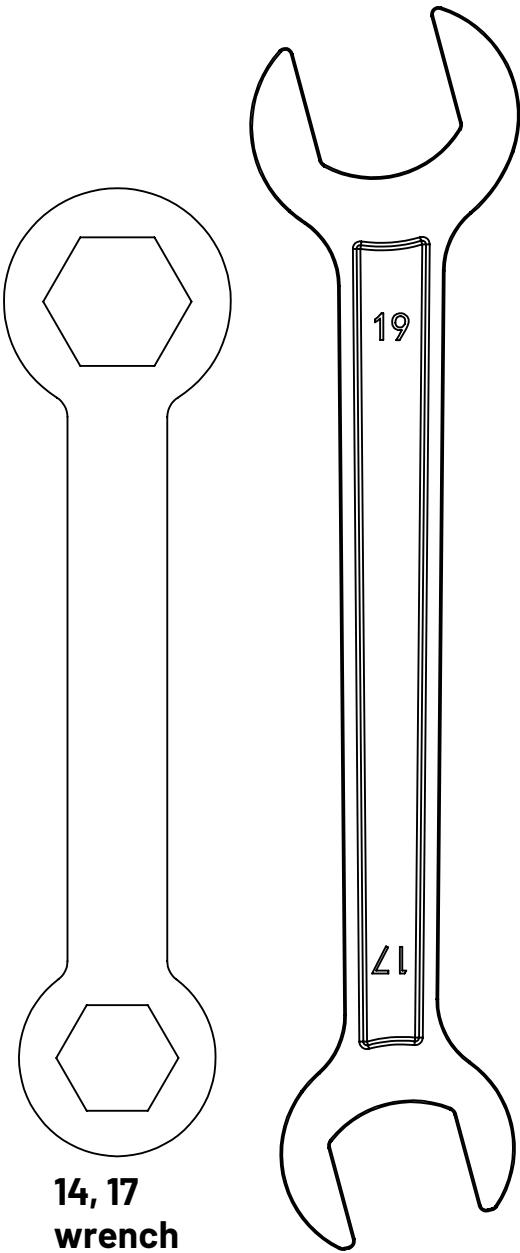


12 Flat Washer

30 x5



M16 Lock Nut



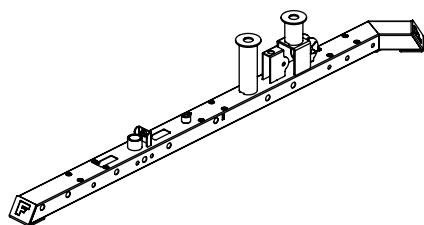
14, 17
wrench

17, 19
wrench



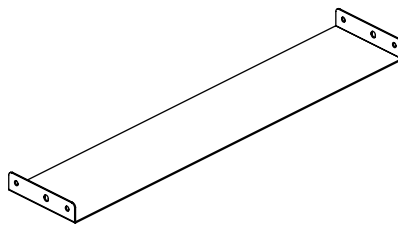
STEP1-PARTS & HARDWARE

Throughout this manual RIGHT and LEFT is defined as if you are standing in front of and facing the equipment.



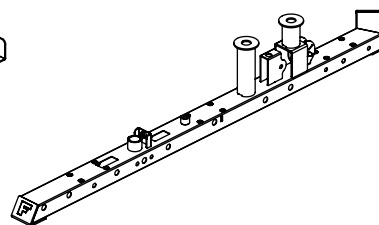
① x1

Base Frame - Right



② x1

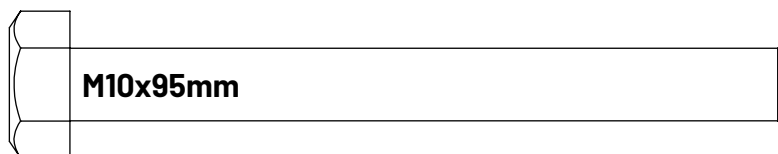
Connection Frame



⑦ x1

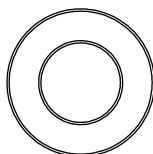
Base Frame - Left

⑥ x4



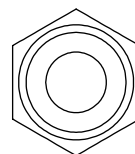
M10x95mm

④ x4



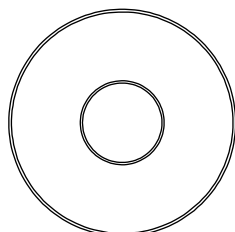
10 Flat Washer

⑤ x4



M10 Lock Nut

③ x4

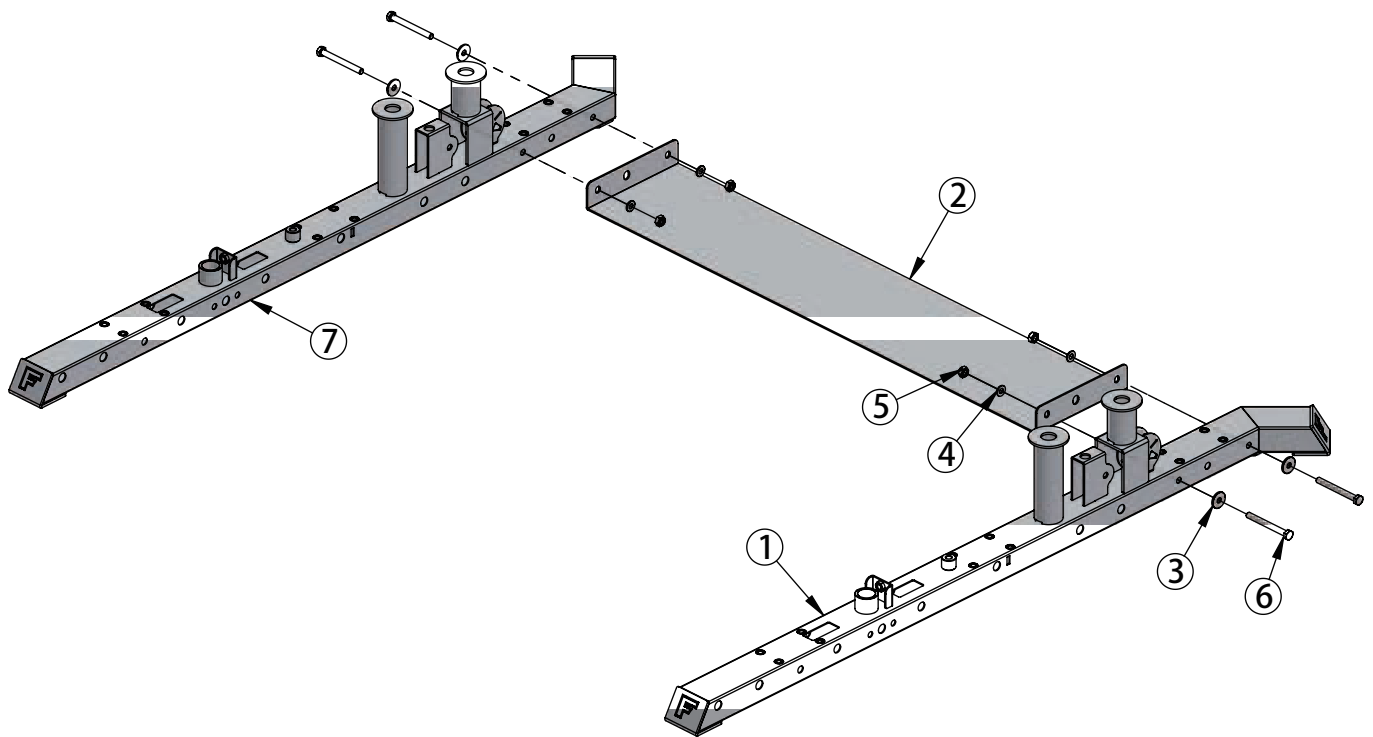


Large Flat Washer

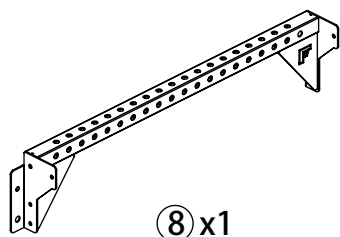
STEP1-ASSEMBLY



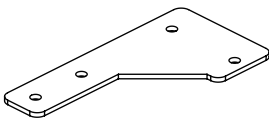
Hand tighten this step's hardware



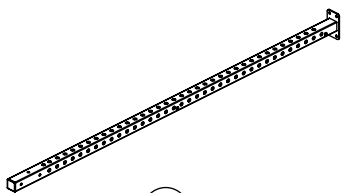
STEP2-PARTS & HARDWARE



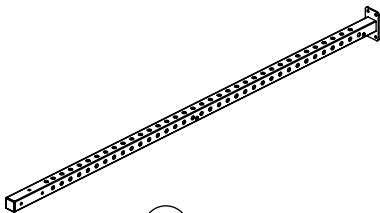
8 x1
Rear Top Connecting Frame



9 x2
Rear Top Support Bracket

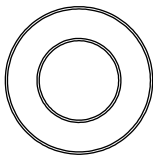


13 x1
Rear Right Upright



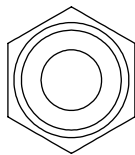
14 x1
Rear Left Upright

4 x20



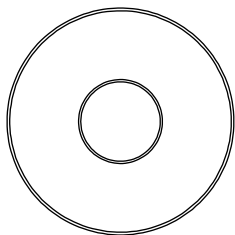
10 Flat Washer

5 x6



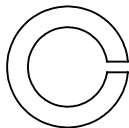
M10 Lock Nut

3 x2



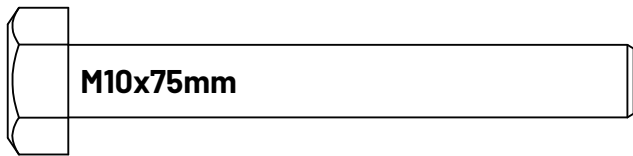
Large Flat Washer

12 x8



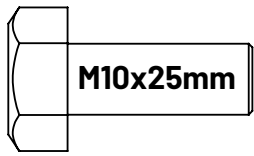
10 Spring Washer

10 x6



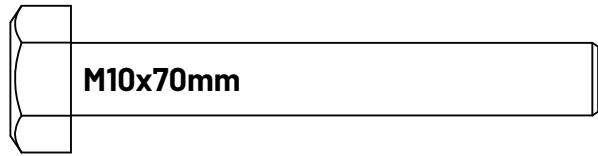
M10x75mm

11 x8



M10x25mm

15 x2

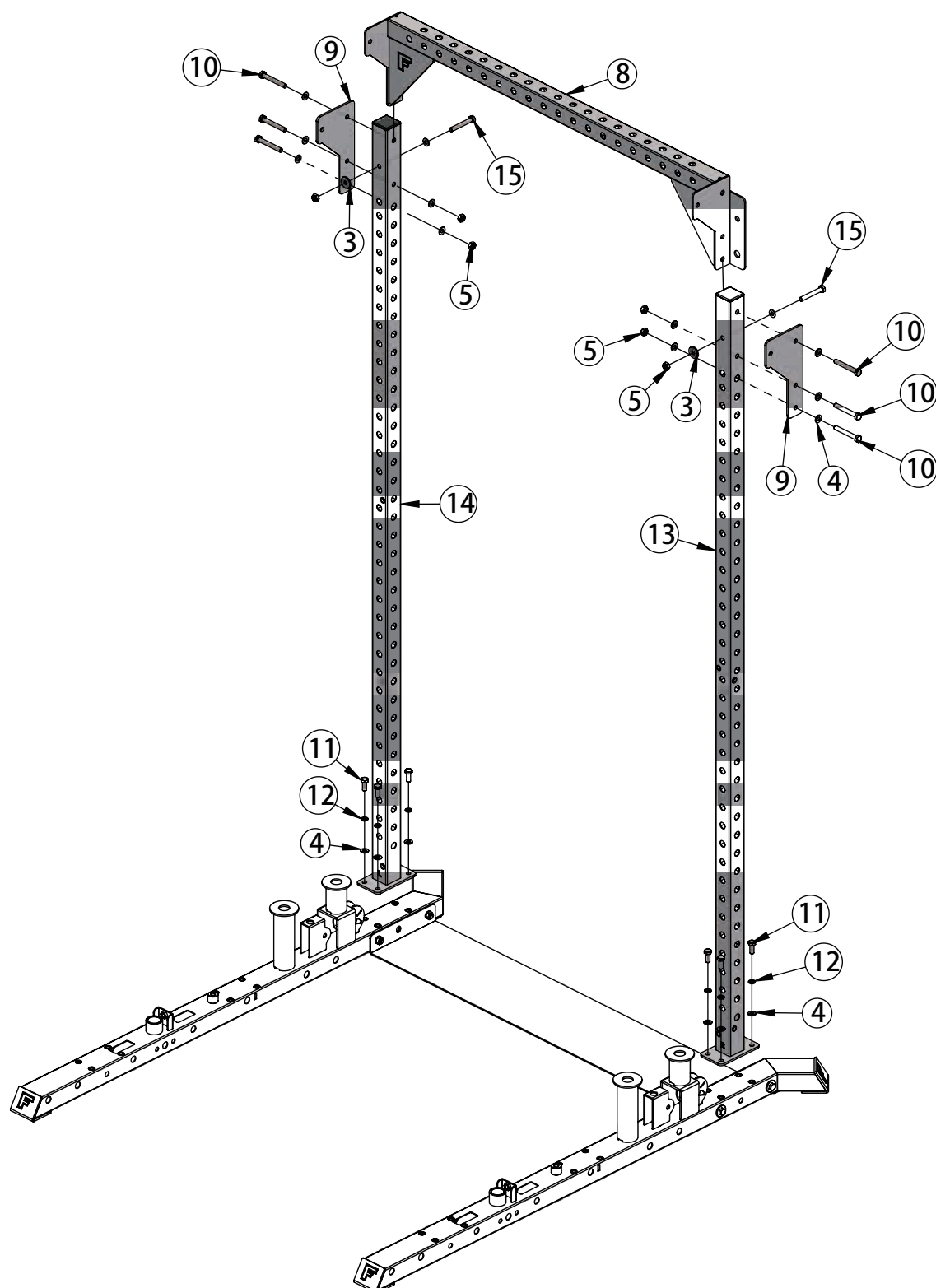


M10x70mm

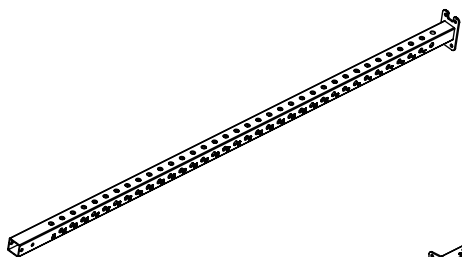
STEP2-ASSEMBLY



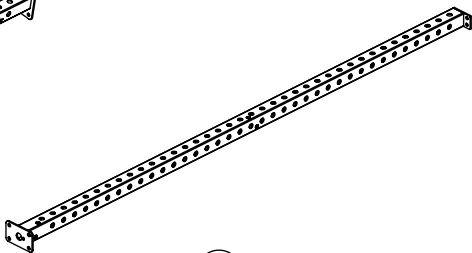
Hand tighten this step's hardware



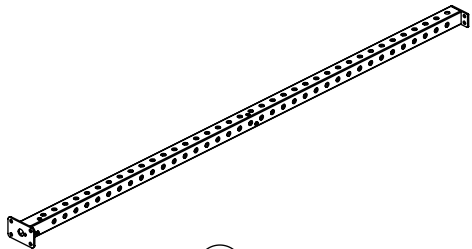
STEP3-PARTS & HARDWARE



16 x2
Front Upright

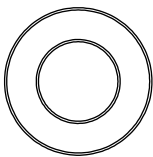


17 x1
Middle Right Upright



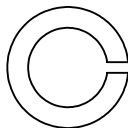
18 x1
Middle Left Upright

4 x16



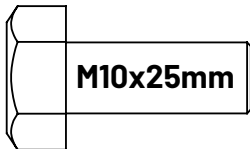
10 Flat Washer

12 x16



10 Spring Washer

11 x16

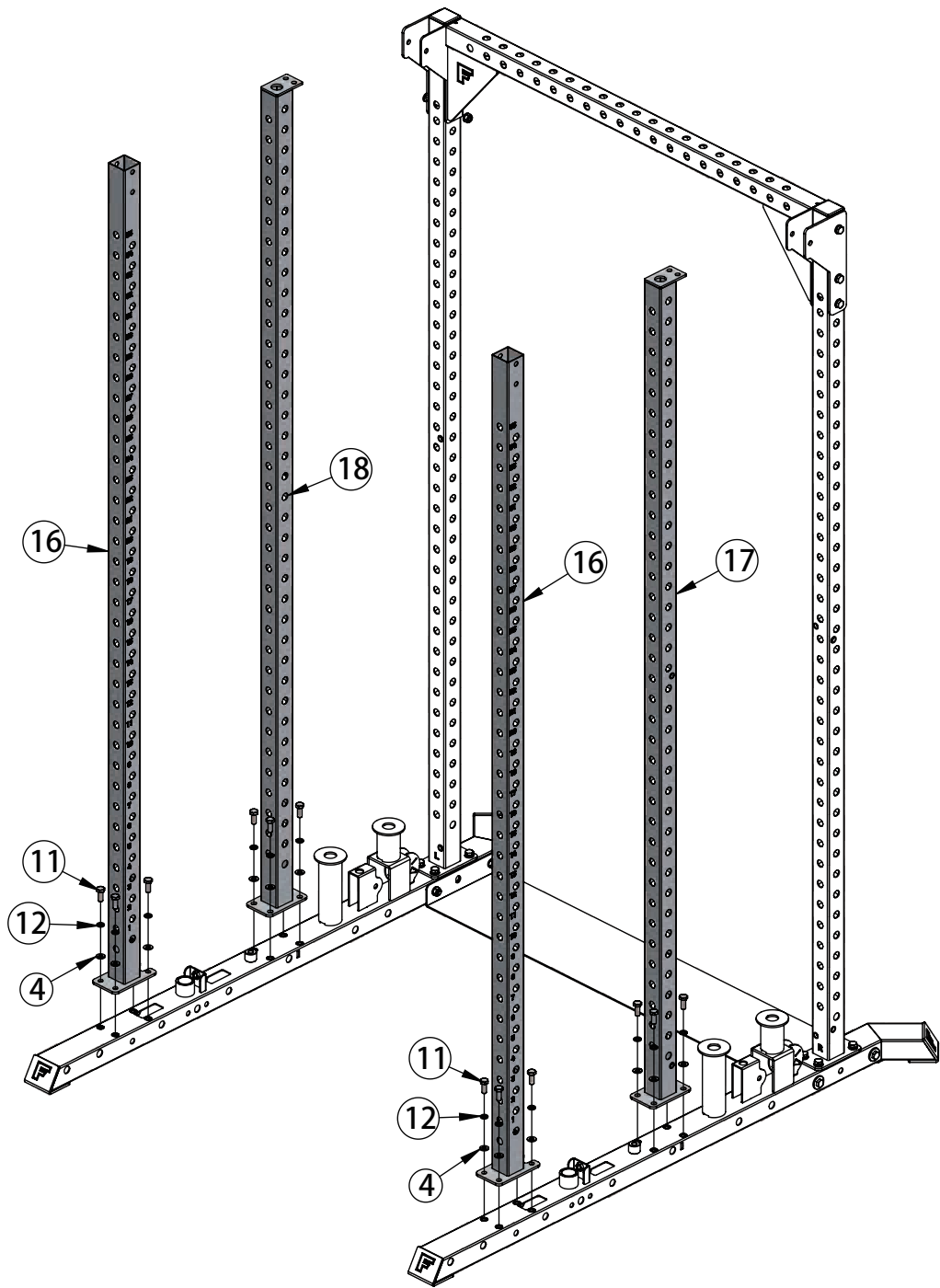


M10x25mm

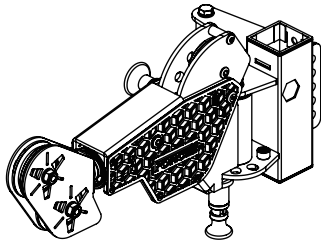
STEP3-ASSEMBLY



Hand tighten this step's hardware

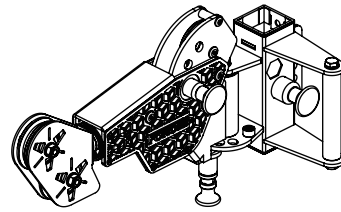


STEP4-PARTS & HARDWARE



19 x1

Freestyle Trolley Right



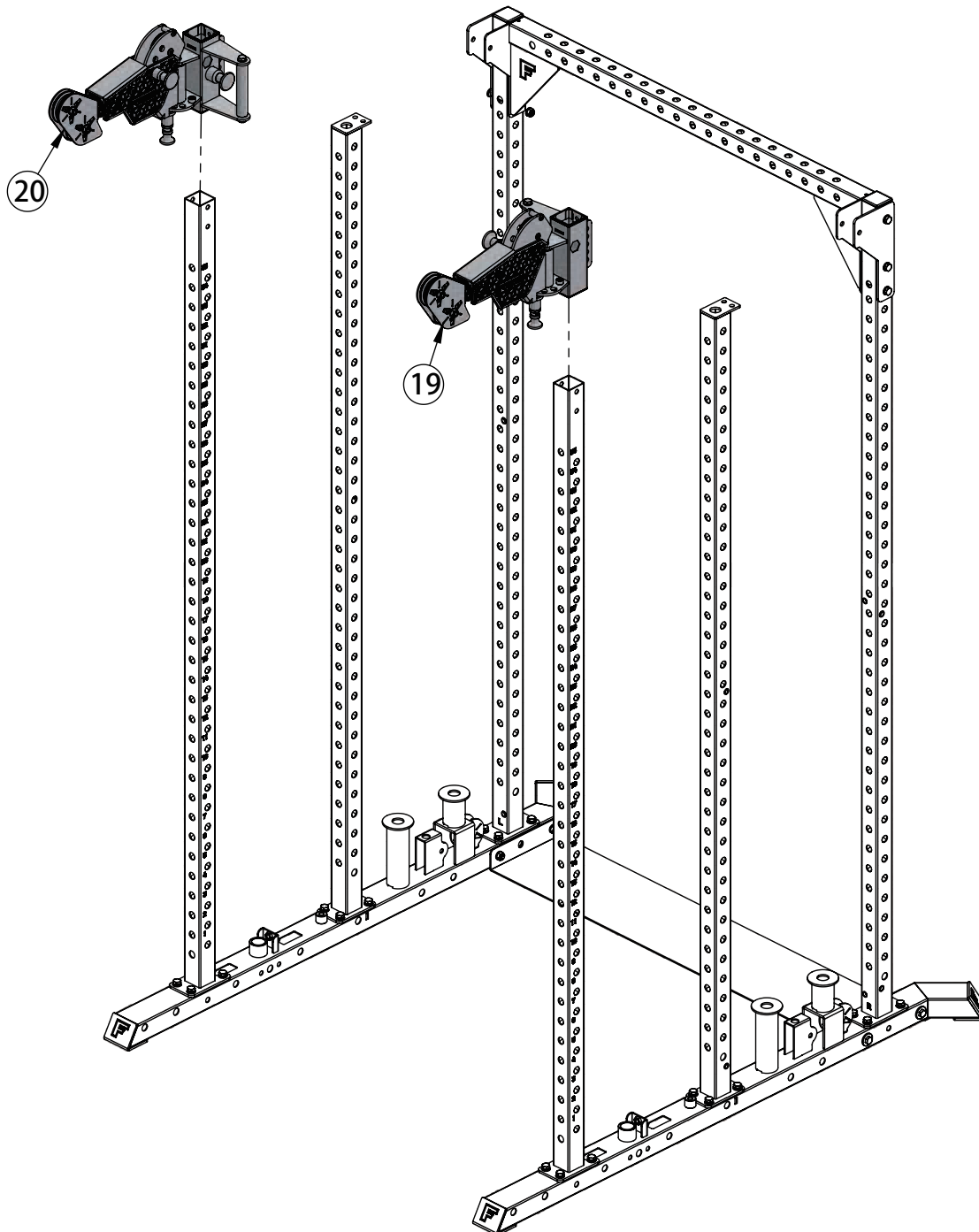
20 x1

Freestyle Trolley Left

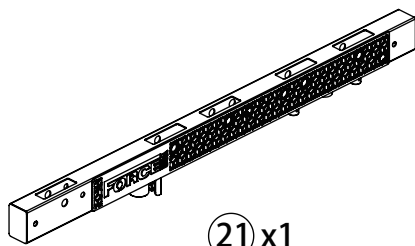
STEP4-ASSEMBLY



Hand tighten this step's hardware

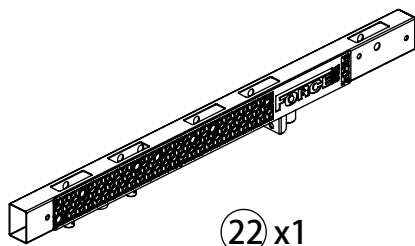


STEP5-PARTS & HARDWARE



21 x1

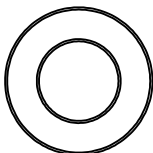
Right Top Frame



22 x1

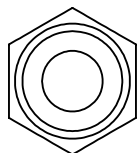
Left Top Frame

4 x8



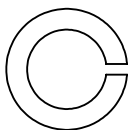
10 Flat Washer

5 x2



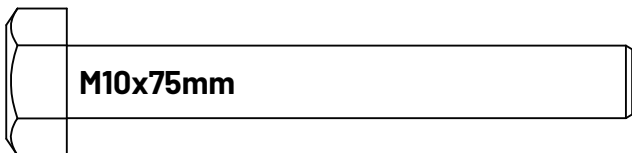
M10 Lock Nut

12 x4



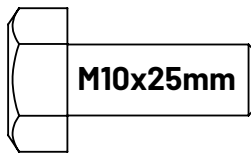
10 Spring Washer

10 x2



M10x75mm

11 x4

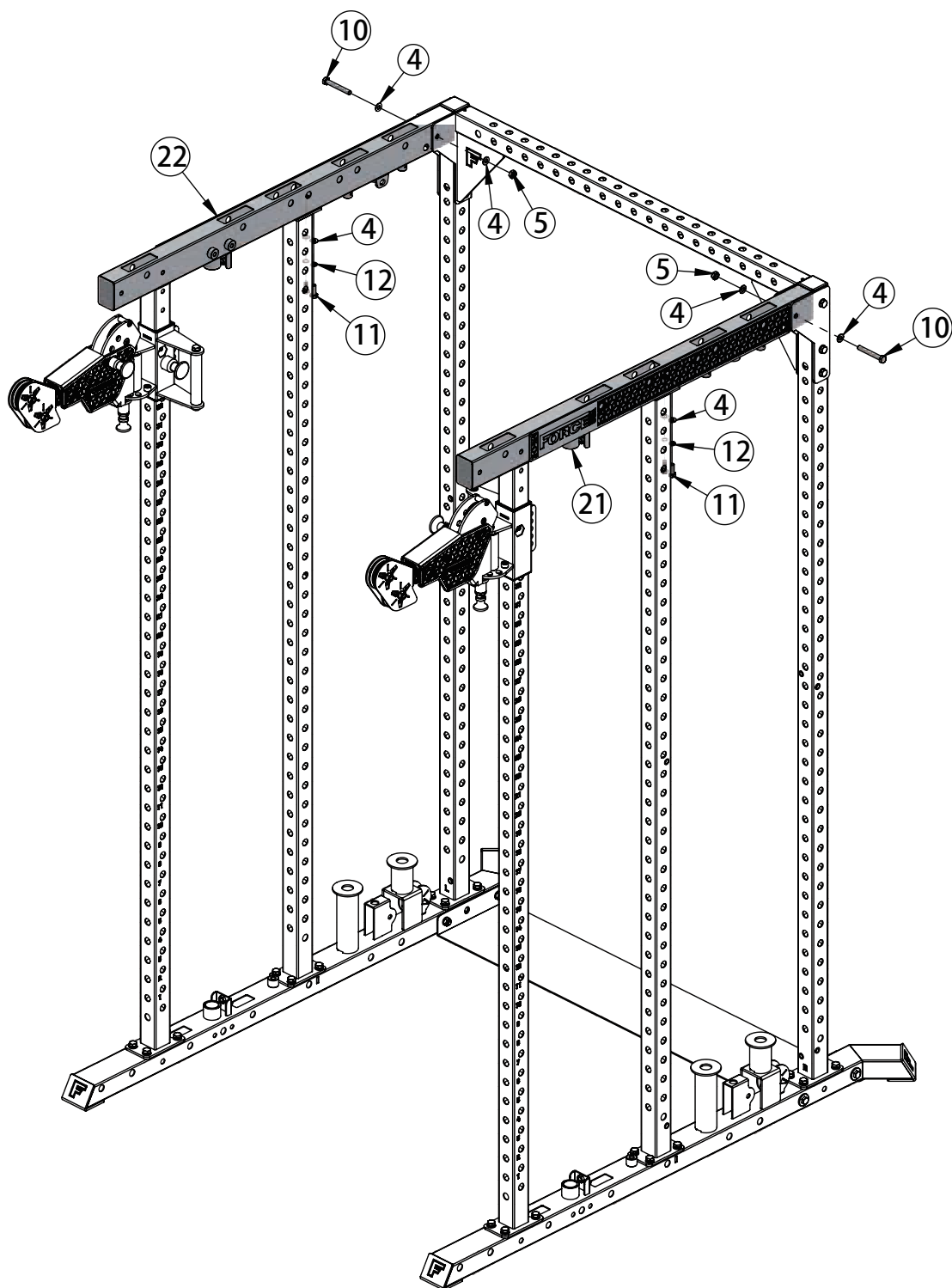


M10x25mm

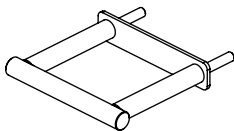
STEP5-ASSEMBLY



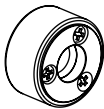
Hand tighten this step's hardware



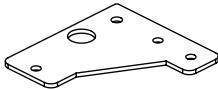
STEP6-PARTS & HARDWARE



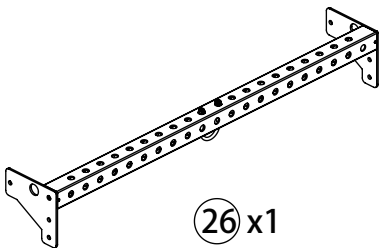
23 x2
Adjustable Pull Up Handle



24 x4
Knurled Nut

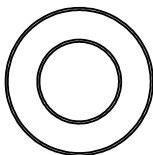


25 x2
Front Top Support Bracket



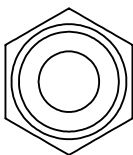
26 x1
Front Connection Frame

4 x14



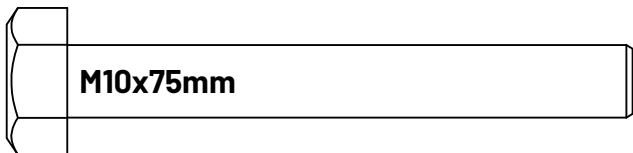
10 Flat Washer

5 x6



M10 Lock Nut

10 x8

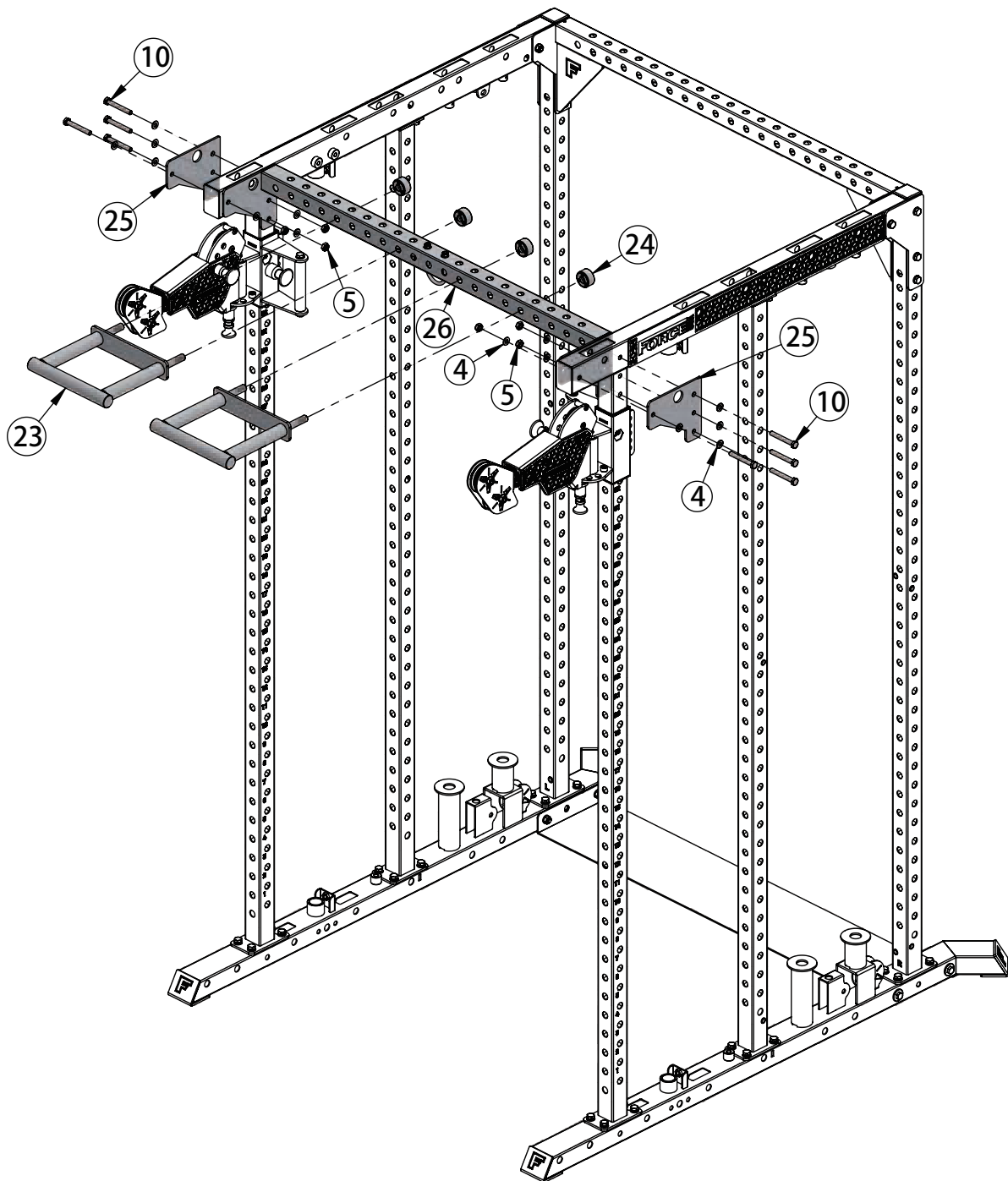


M10x75mm

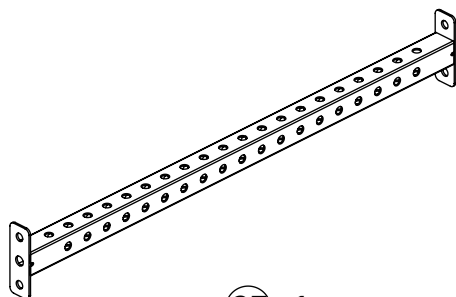
STEP6-ASSEMBLY



Hand tighten this step's hardware



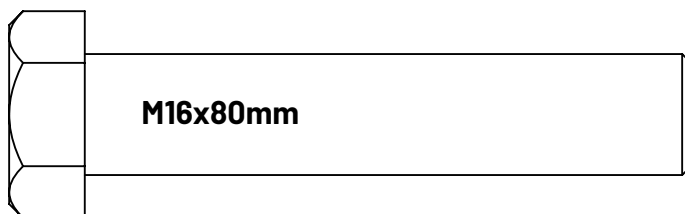
STEP7-PARTS & HARDWARE



27 x1

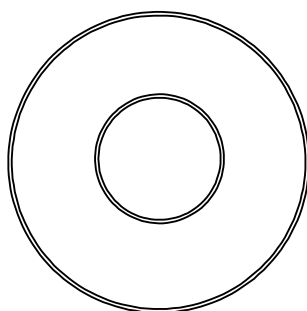
Middle Connection Frame

29 x4



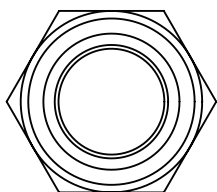
M16x80mm

28 x8



16 Flat Washer

30 x4

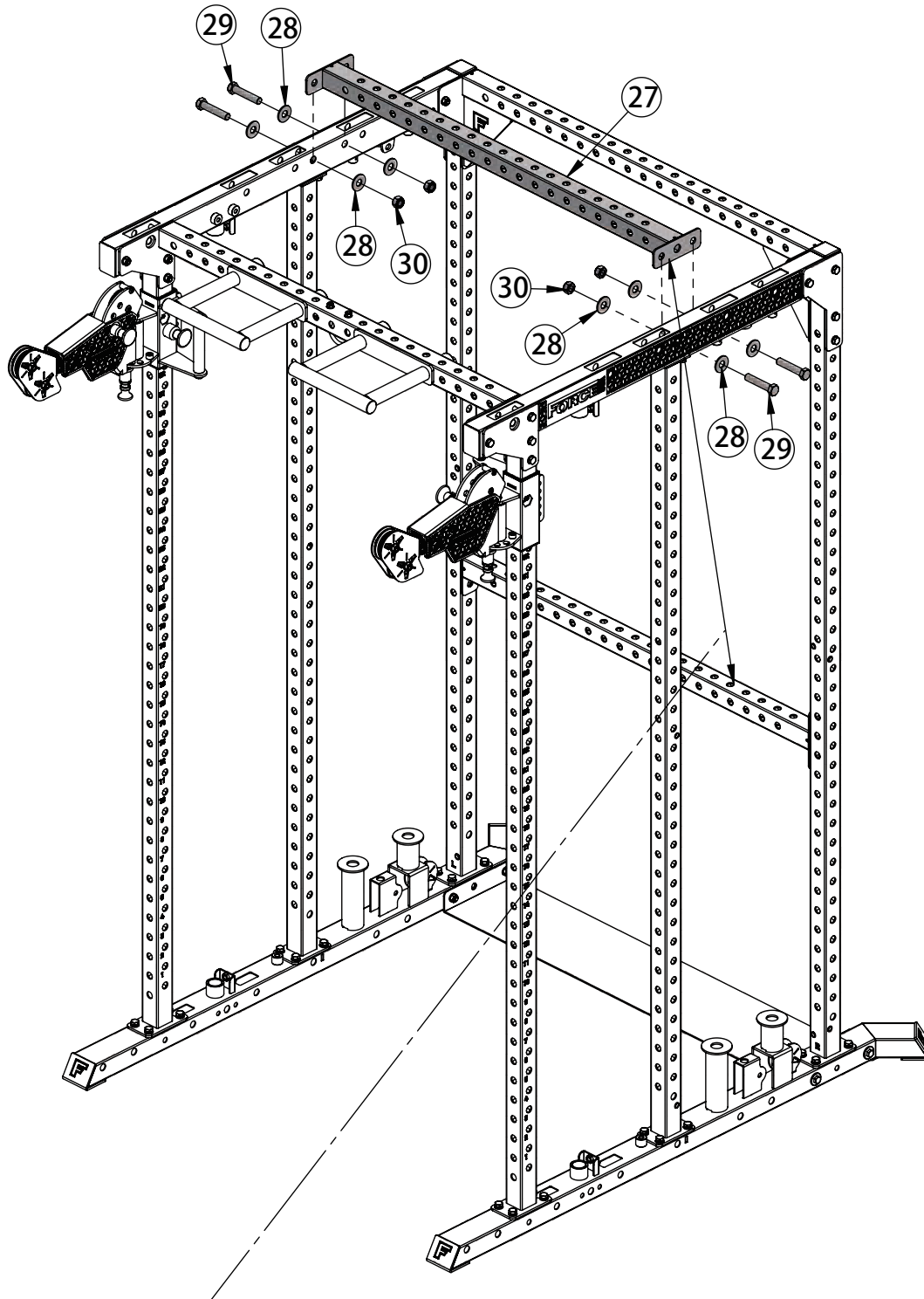


M16 Lock Nut

STEP7-ASSEMBLY



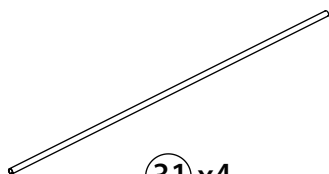
Fully tighten this step's hardware



**This component can be installed on the top or the back.
Installing it on the back will be more stable.**

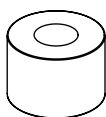
STEP8-PARTS & HARDWARE

If you choose to assemble with the F-M10-PLC , please refer to the next step.



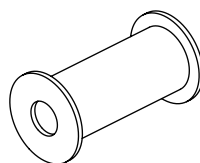
31 x4

Guide Rod



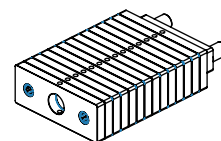
32 x4

Weight Stack Rubber Bumper



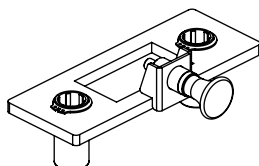
33 x4

Weight Stack Spacer



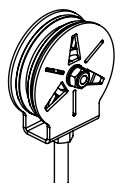
34 x2

Weight Stack



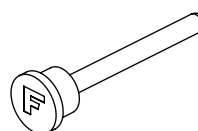
35 x2

2KG Incremental Weight Plate



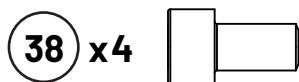
36 x2

Pulley Frame



37 x2

Weight Stack Selector Pin



38 x4

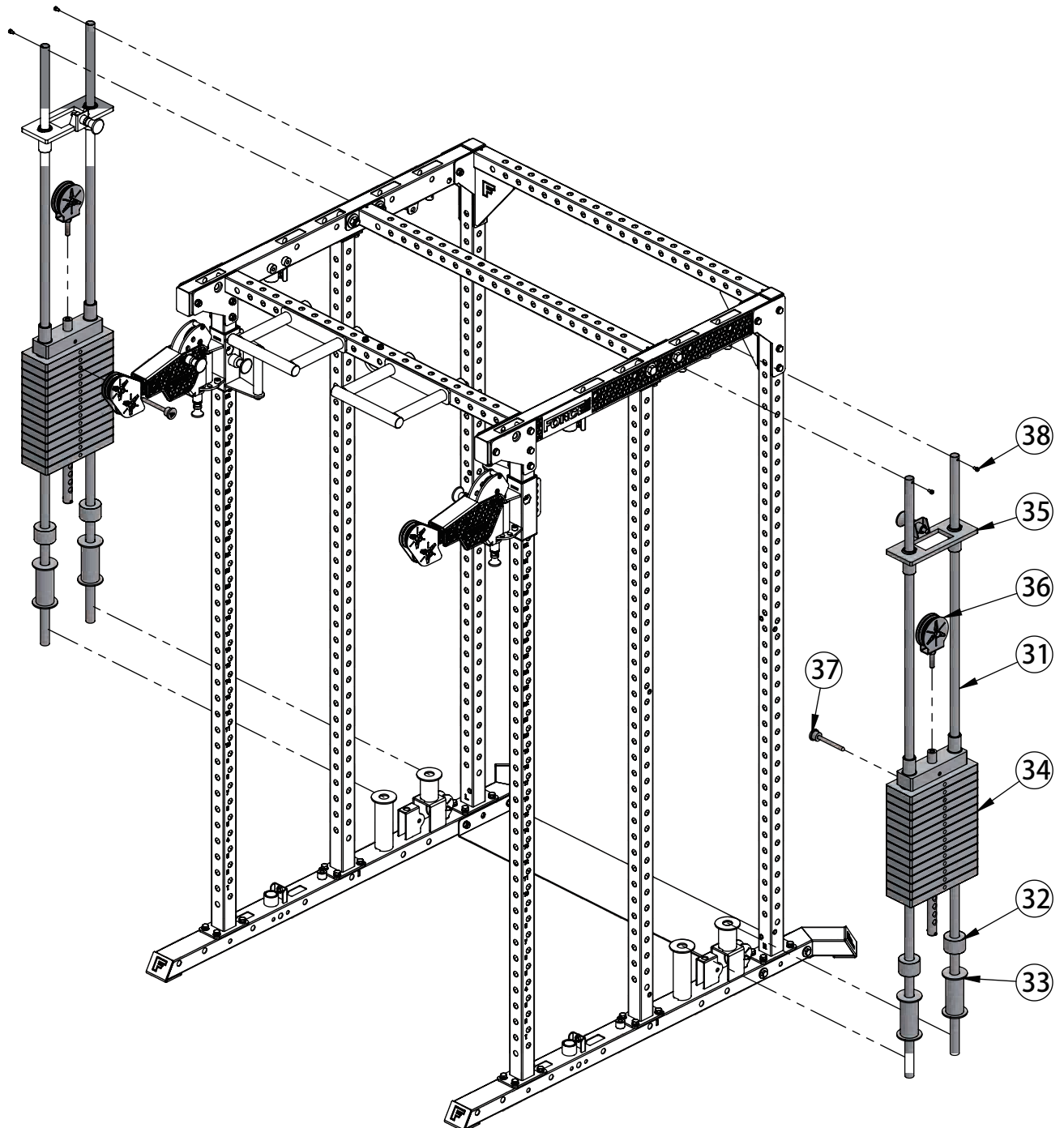
M6x10mm

STEP8-ASSEMBLY



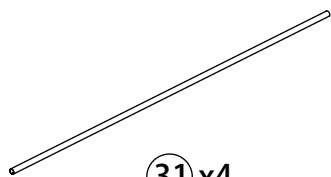
Fully tighten this step's hardware

If you choose to assemble with the F-M10-PLC , please refer to the next step.

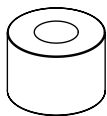


STEP9-PARTS & HARDWARE

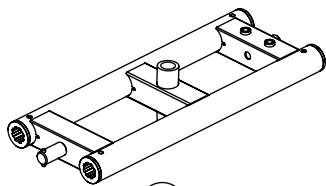
If you choose to assemble with the F-M10-MS-150LBS , Please skip this step.



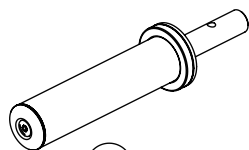
31 x4
Guide Rod



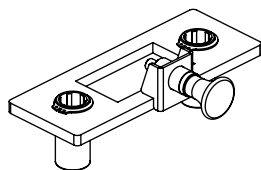
32 x4
Weight Stack Rubber Bumper



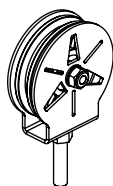
39 x2
Weight Plate Frame



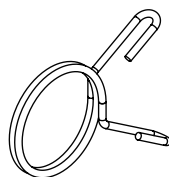
40 x4
Weight Plate Storage



35 x2
2KG Incremental Weight Plate



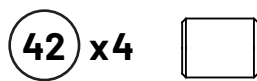
36 x2
Pulley Frame



41 x4
Spring Collar



38 x4 M6x10mm



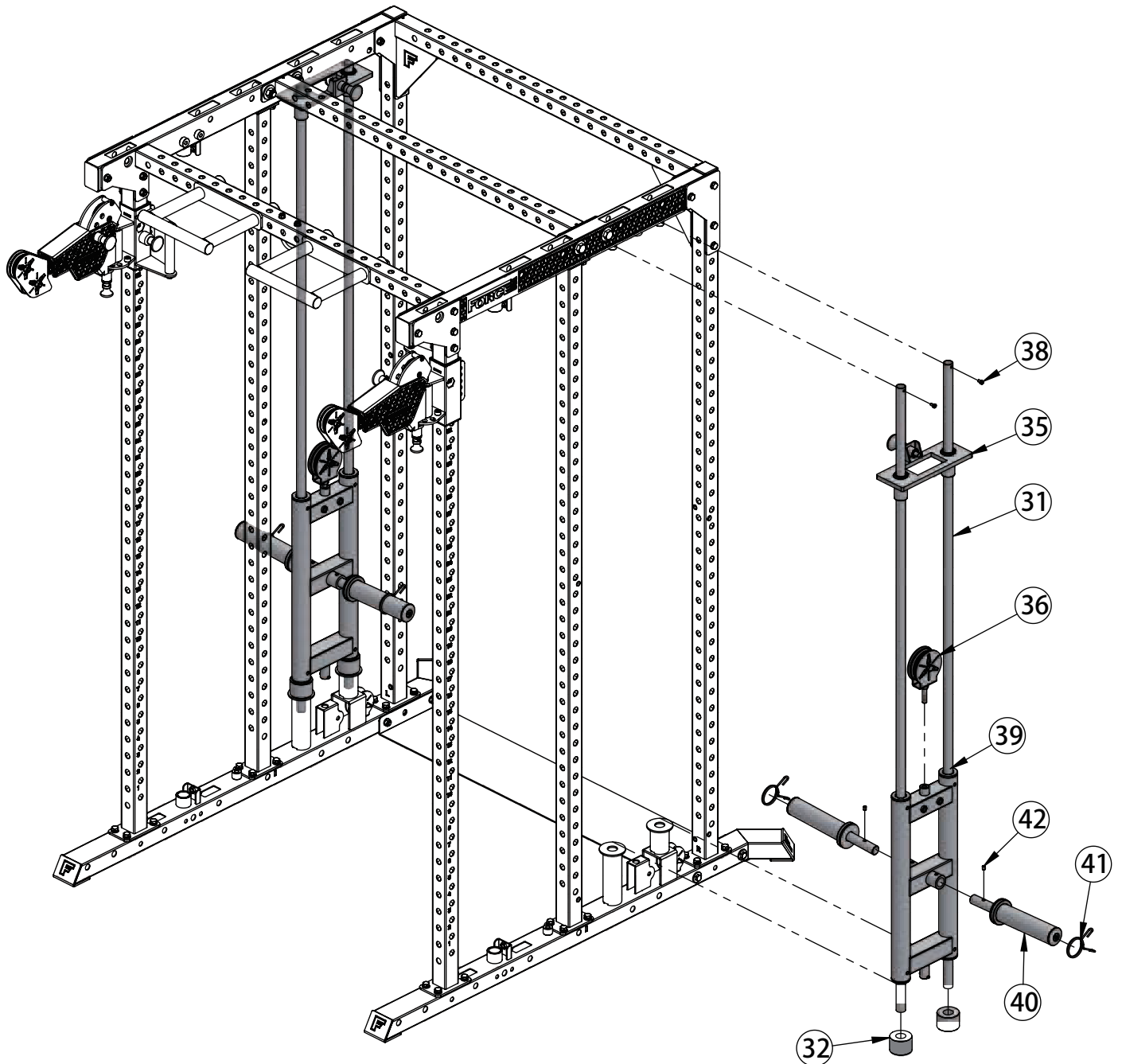
42 x4 M8x10mm

STEP9-ASSEMBLY

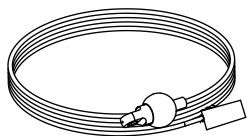


Fully tighten this step's hardware

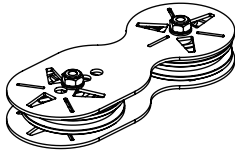
If you choose to assemble with the F-M10-MS-150LBS , Please skip this step.



STEP10-PARTS & HARDWARE



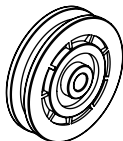
④③ x2
Upper Main Frame Cable



④④ x2
Pulley Bracket



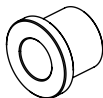
④⑤ x8
75mm Pulley



④⑥ x6
90mm Pulley

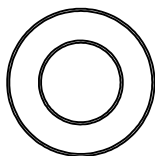


④⑦ x2
50mm Pulley



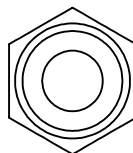
④⑧ x24
Pulley Bushing

④ x8



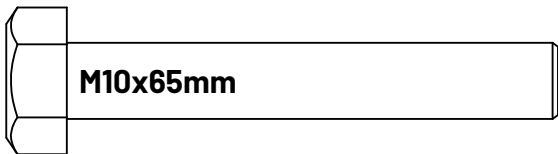
10 Flat Washer

⑤ x16



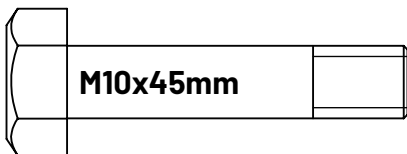
M10 Lock Nut

④⑨ x12



M10x65mm

⑤① x4

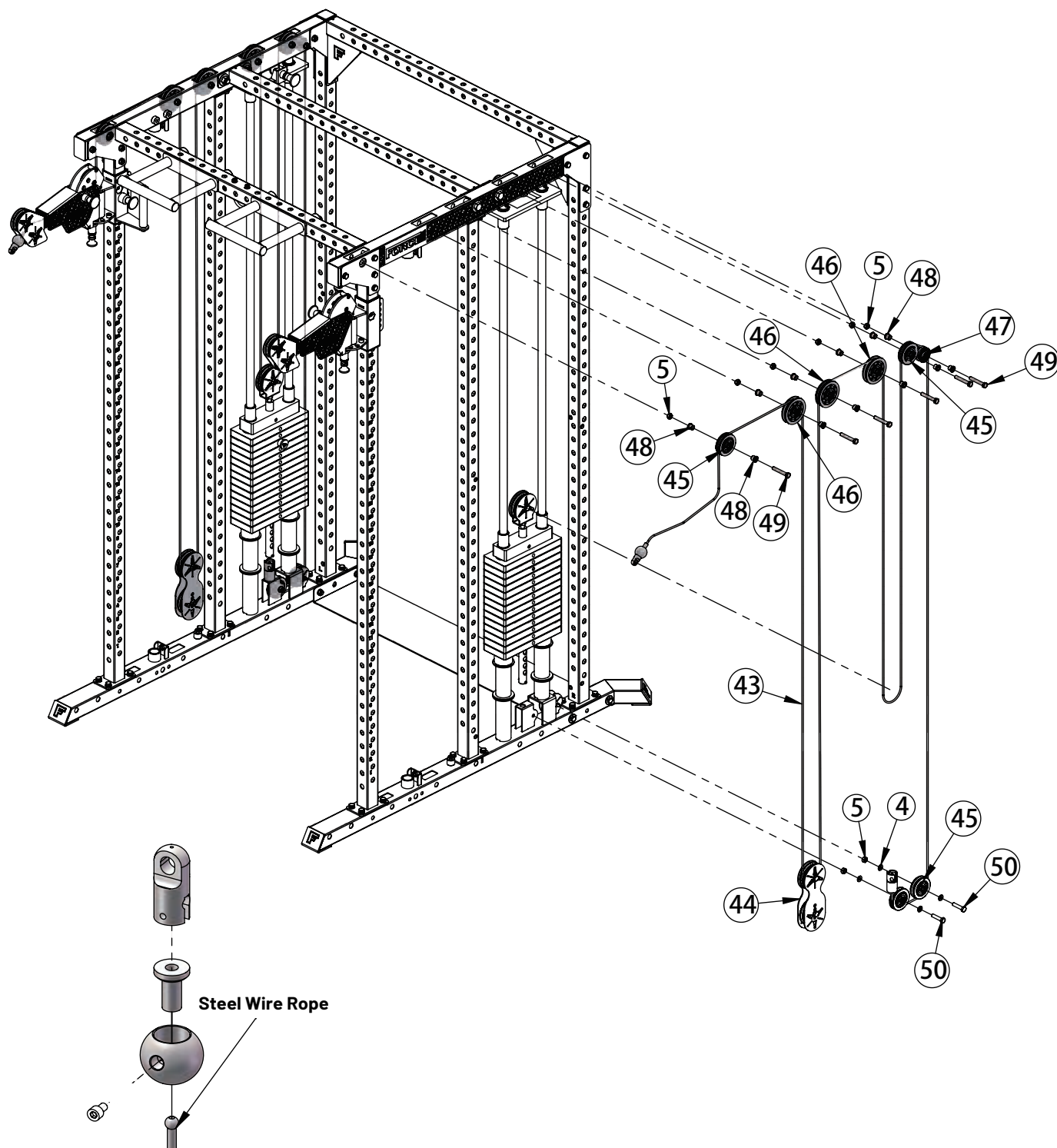


M10x45mm

STEP10-ASSEMBLY



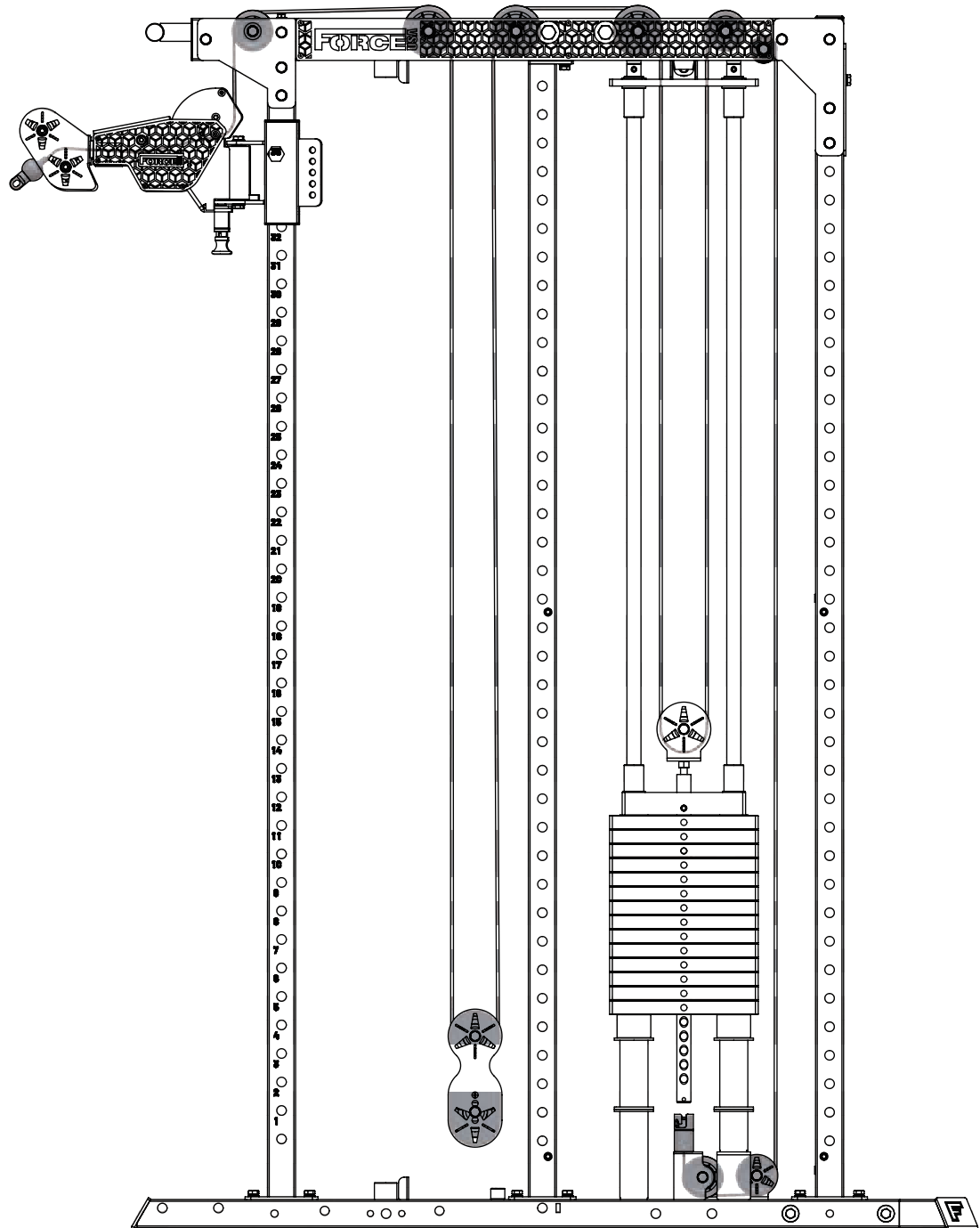
Fully tighten this step's hardware



STEP10-ASSEMBLY



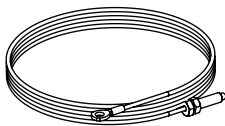
Fully tighten this step's hardware



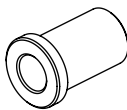
STEP11-PARTS & HARDWARE



④7 x6
50mm Pulley

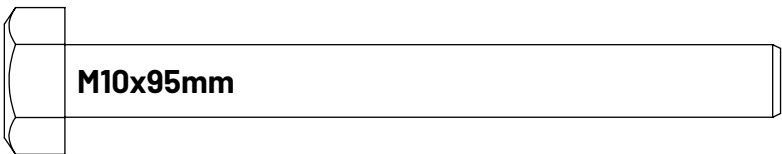


⑤1 x2
Lower Main Frame Cable

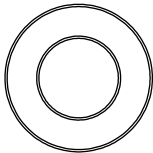


⑤2 x8
Pulley Bushing

⑥ x4

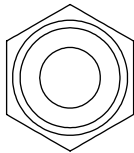


④ x4



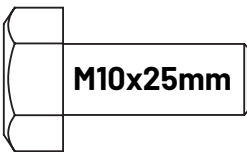
10 Flat Washer

⑤ x6



M10 Lock Nut

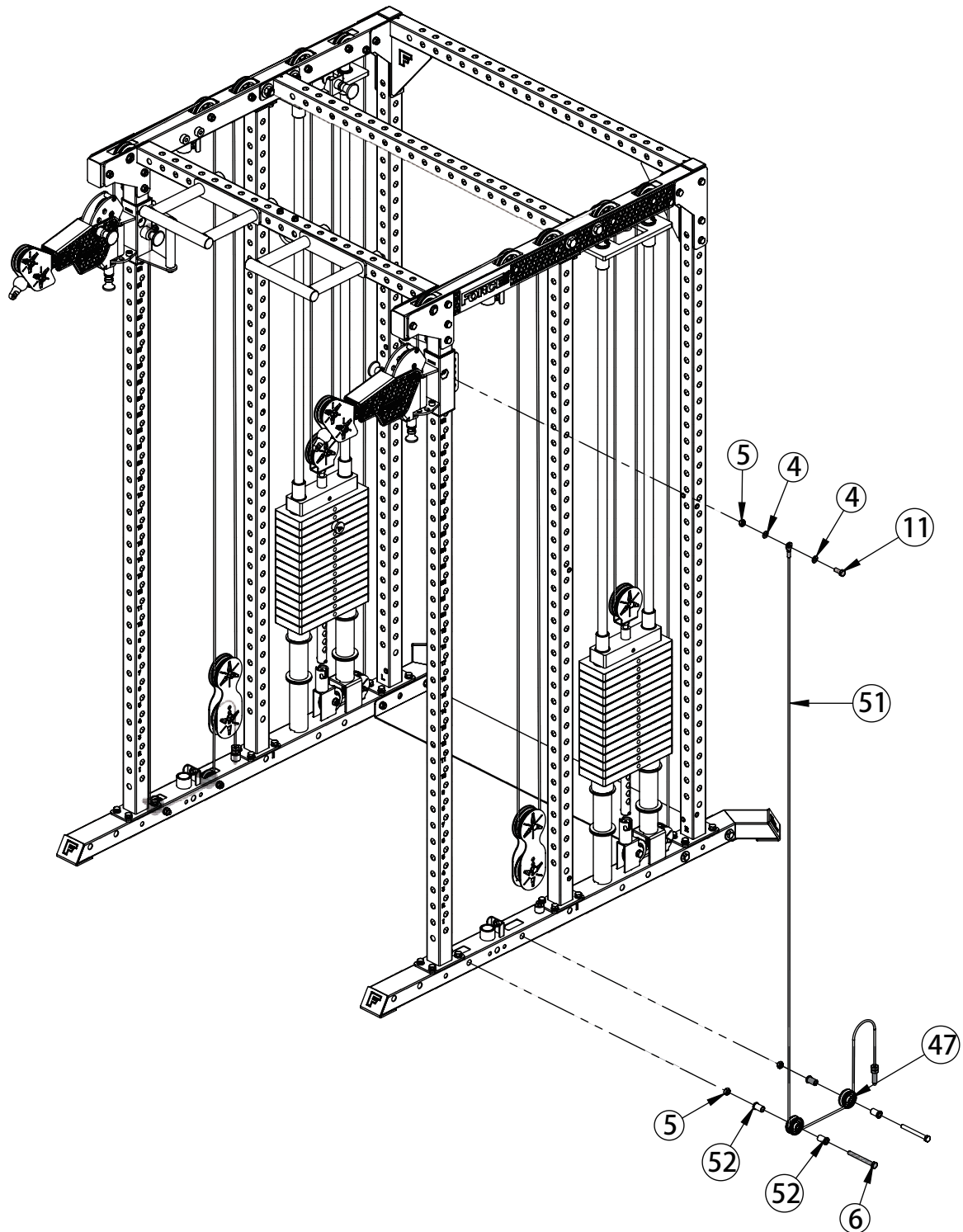
⑪ x2



STEP11-ASSEMBLY



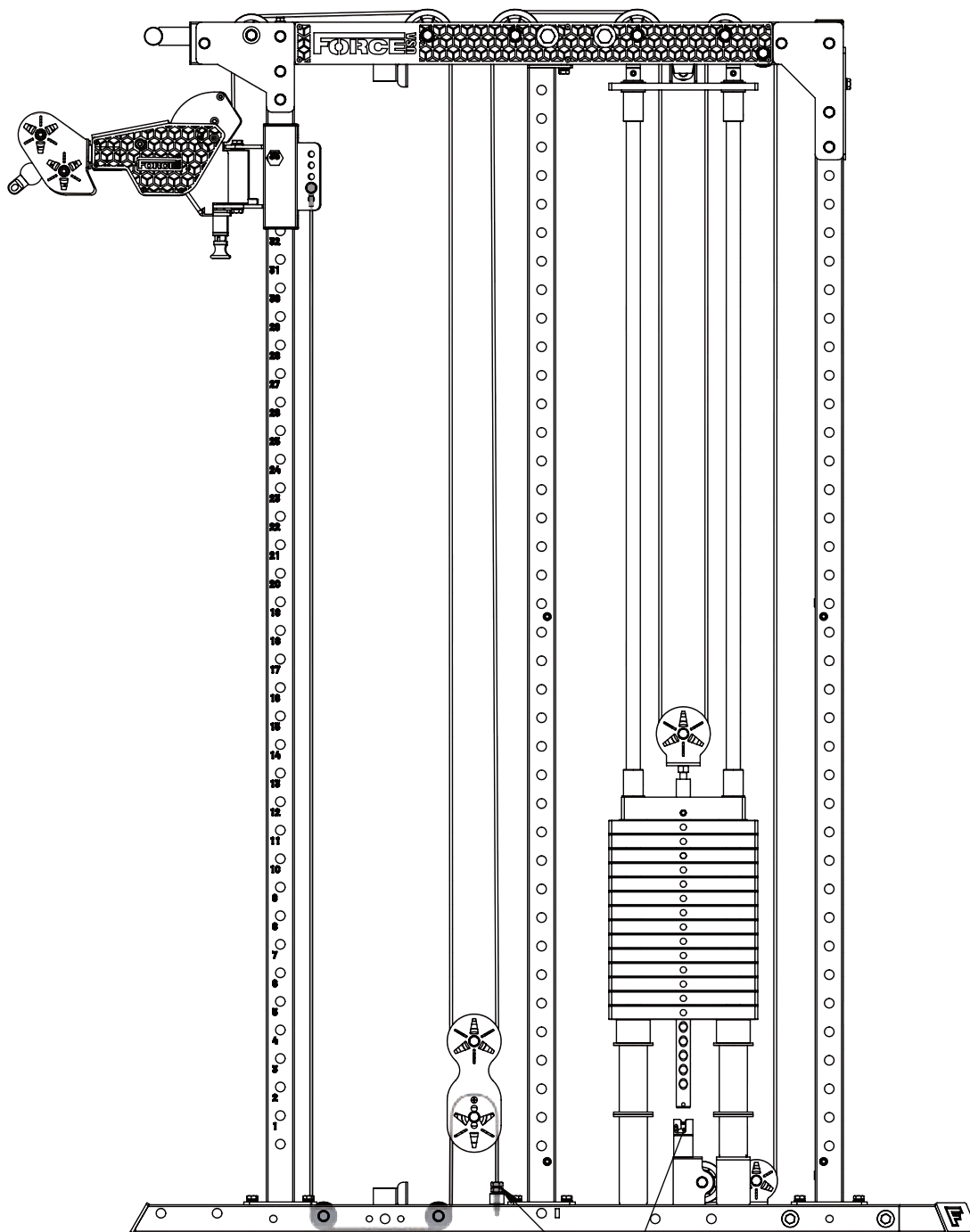
Fully tighten this step's hardware



STEP11-ASSEMBLY



Fully tighten this step's hardware



If the hanging sleeve is difficult to attach to the selector rod, please loosen the screw of the cable.

STEP12-PARTS & HARDWARE

If you haven't purchased the F-M10-SMITH, please skip this step.



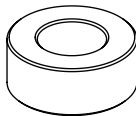
53 x2

Smith Bar Guide Rod Bottom Insert



54 x2

Smith Bar Safety Hook



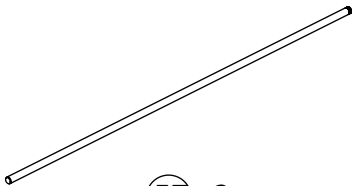
55 x2

Smith Bar Rubber Bumper



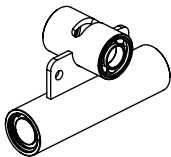
56 x2

Smith Bar Top Locking Sleeve



57 x2

Smith Bar Guide Rod



58 x2

Smith Bar Sliding Frame

42 x2



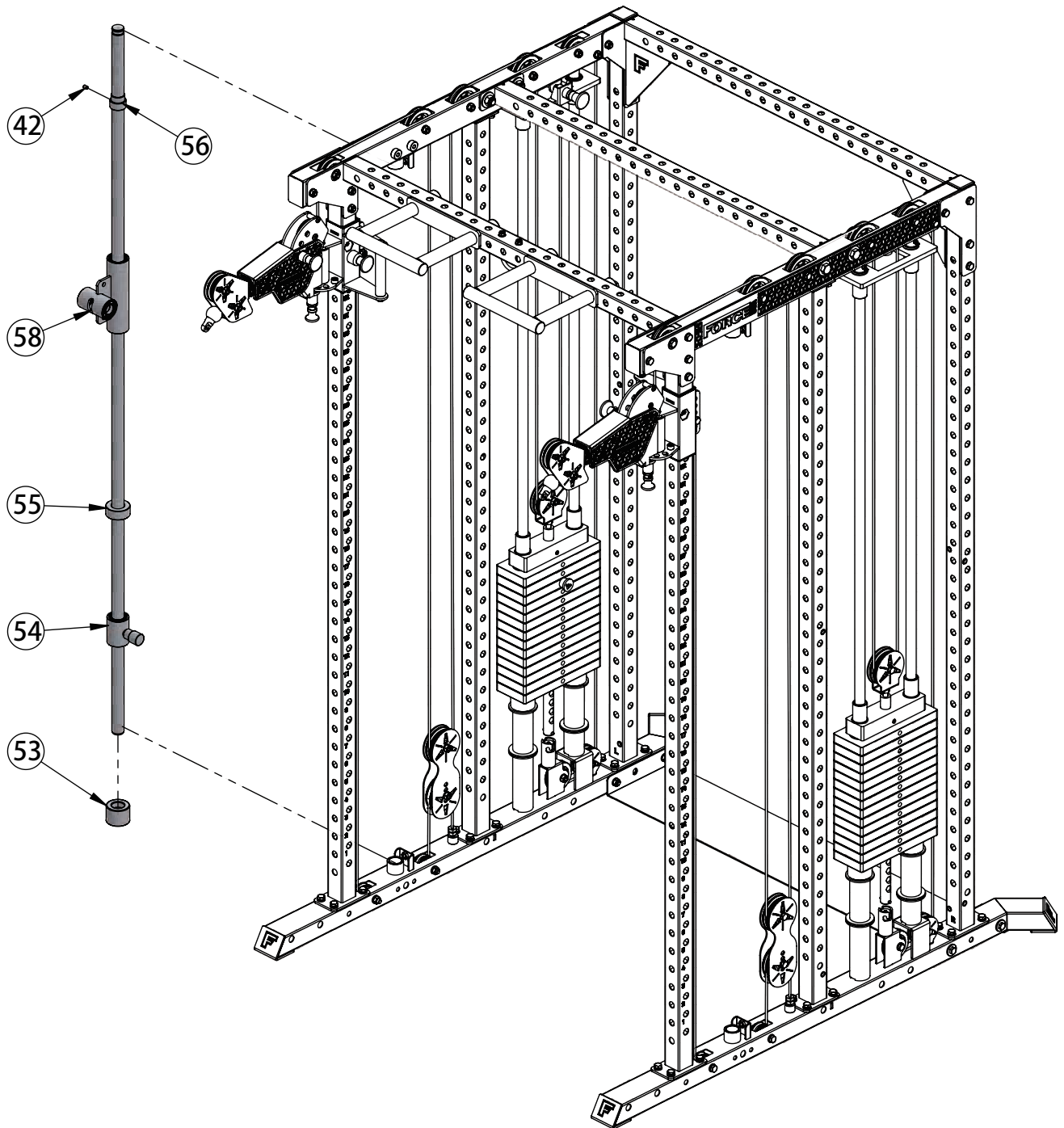
M8x10mm

STEP12-ASSEMBLY



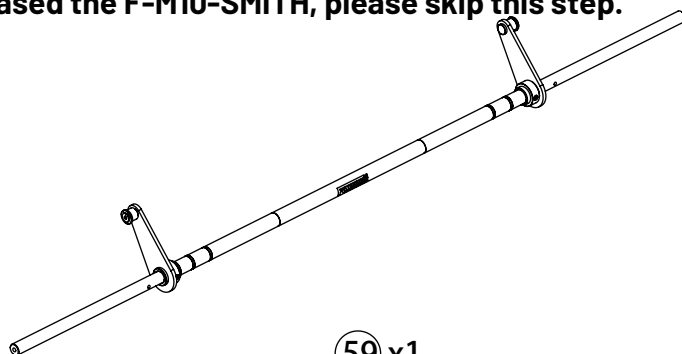
Fully tighten this step's hardware

If you haven't purchased the F-M10-SMITH, please skip this step.



STEP13-PARTS & HARDWARE

If you haven't purchased the F-M10-SMITH, please skip this step.



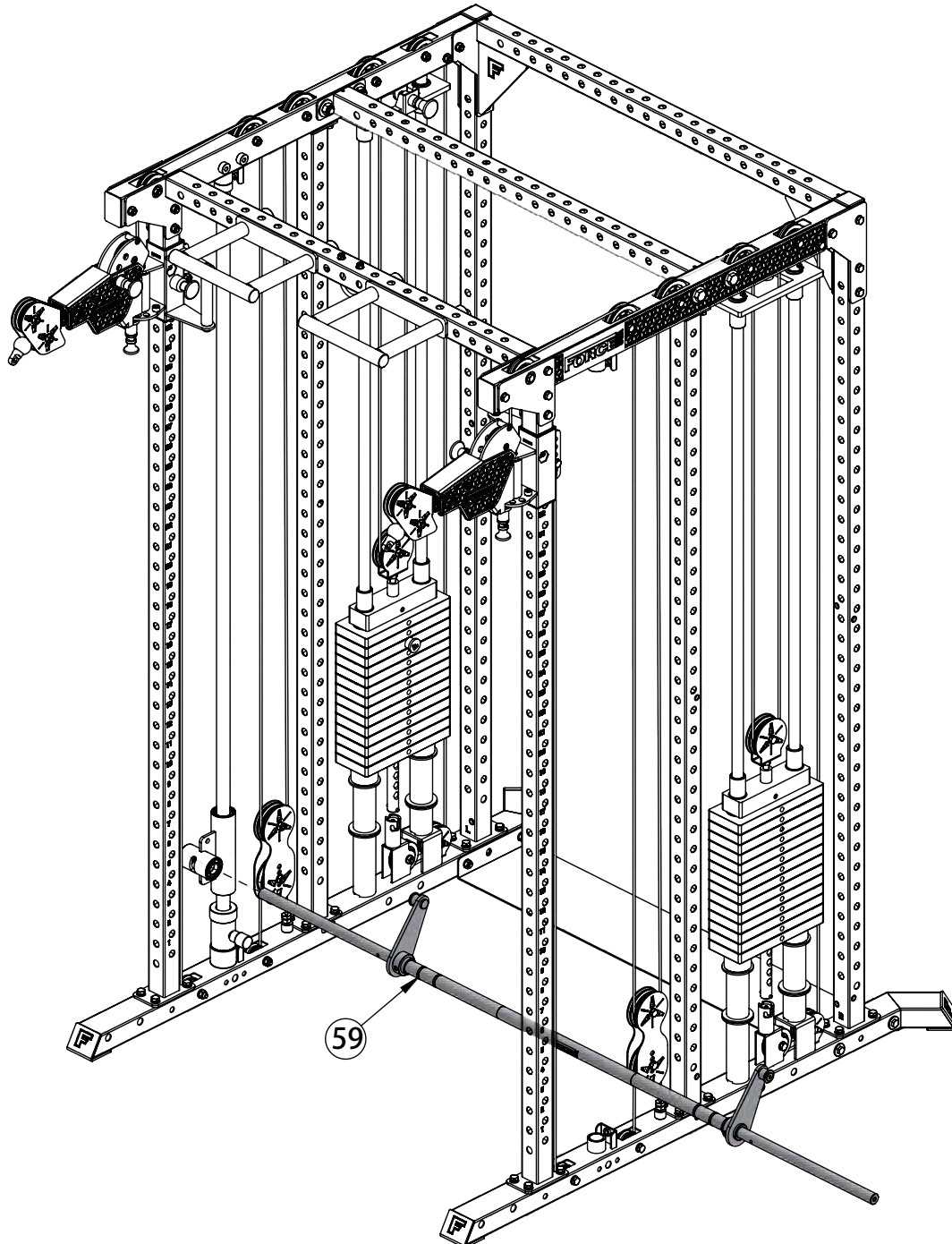
59 x1
Smith Bar

STEP13-ASSEMBLY



Fully tighten this step's hardware

If you haven't purchased the F-M10-SMITH, please skip this step.



STEP14-PARTS & HARDWARE

If you haven't purchased the F-M10-SMITH, please skip this step.



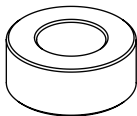
53 x2

Smith Bar Guide RodBottom Insert



54 x2

Smith Bar Safety Hook



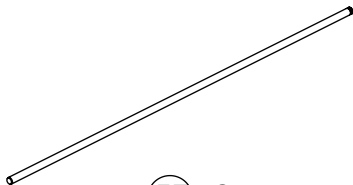
55 x2

Smith Bar Rubber Bumper



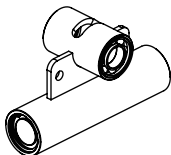
56 x2

Smith Bar Top Locking Sleeve



57 x2

Smith Bar Guide Rod



58 x2

Smith Bar Sliding Frame

42 x2



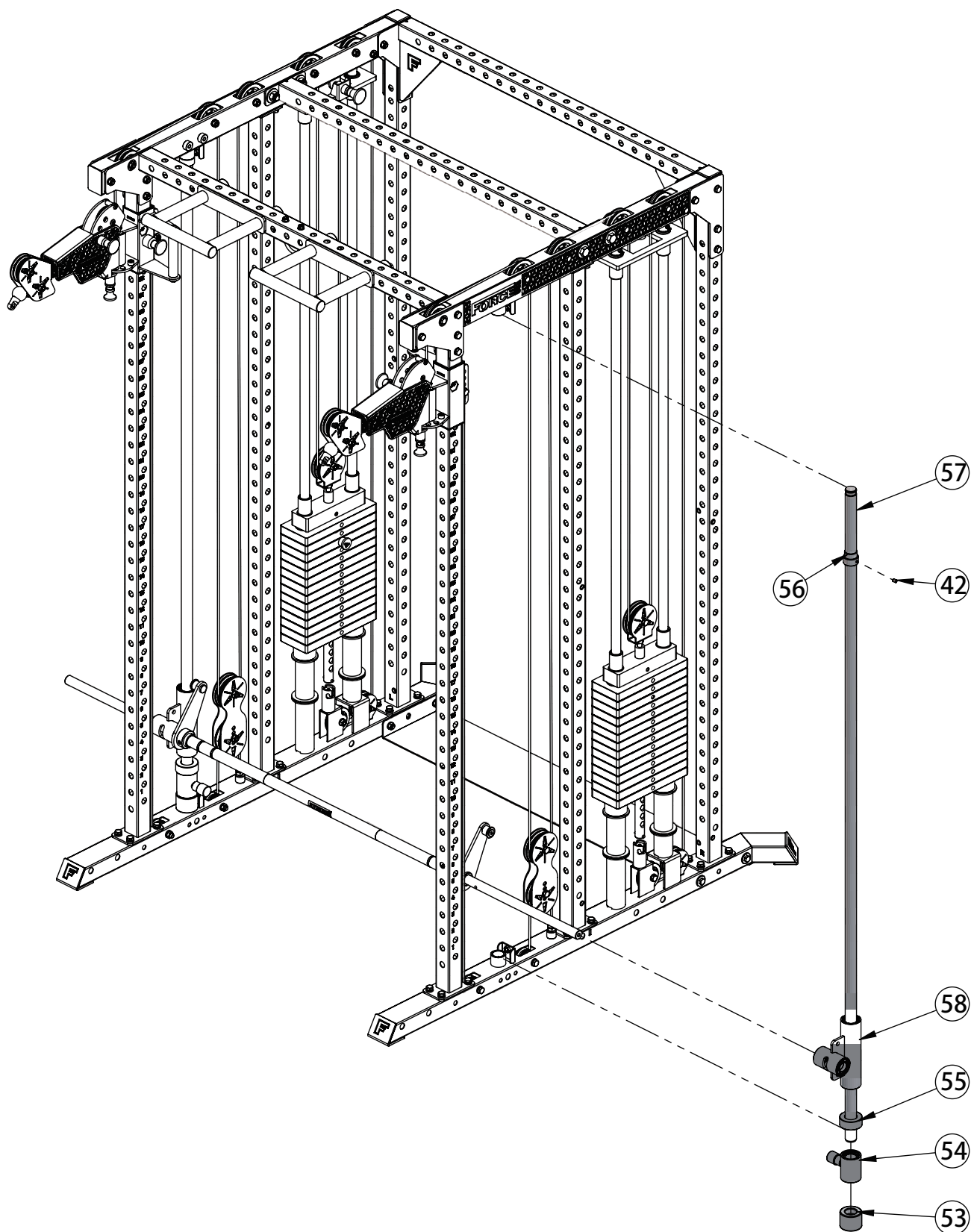
M8x10mm

STEP14-ASSEMBLY



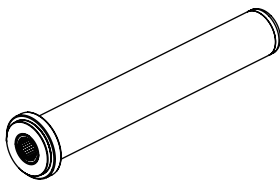
Fully tighten this step's hardware

If you haven't purchased the F-M10-SMITH, please skip this step.



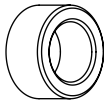
STEP15-PARTS & HARDWARE

If you haven't purchased the F-M10-SMITH, please skip this step.



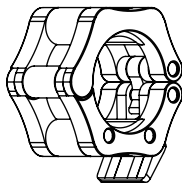
60x2

Smith Barbell Sleeve



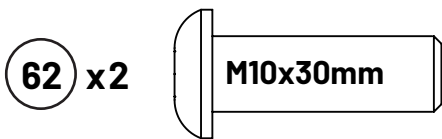
61x2

Smith Barbell Sleeve Spacer



63x2

Magnetic Olympic Lock Collar



62 x2

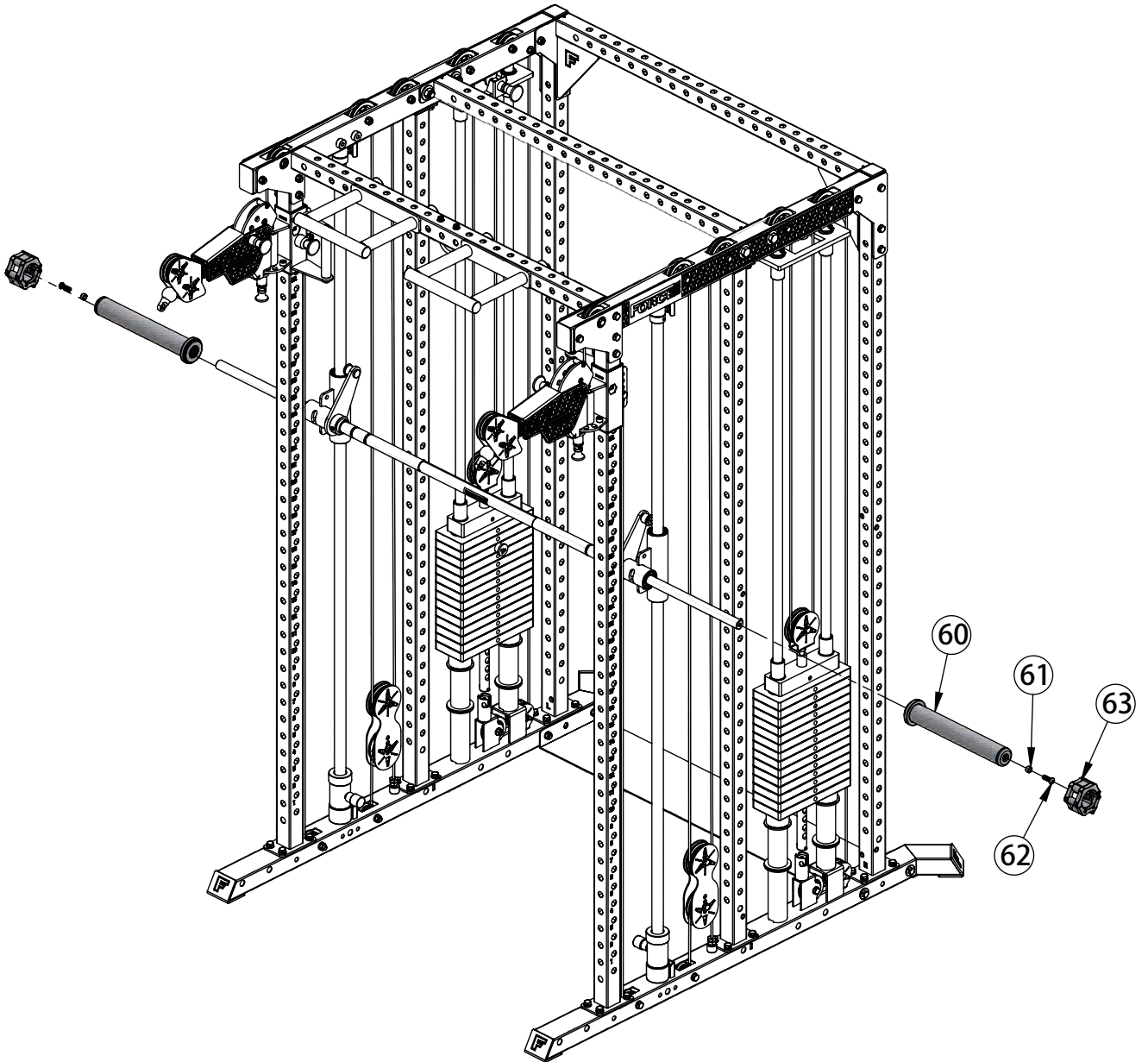
M10x30mm

STEP15-ASSEMBLY



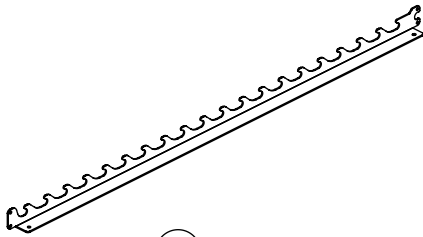
Fully tighten this step's hardware

If you haven't purchased the F-M10-SMITH, please skip this step.



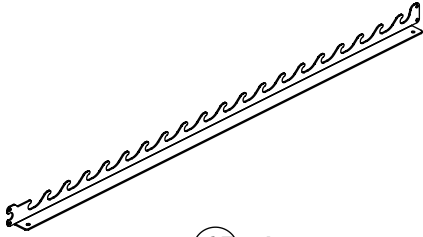
STEP16-PARTS & HARDWARE

If you haven't purchased the F-M10-SMITH, please skip this step.



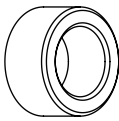
64 x1

Smith Bar Hook Plate - Right



65 x1

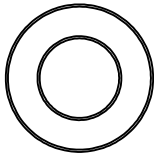
Smith Bar Hook Plate - Left



68 x2

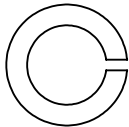
spacer sleeve

4 x12



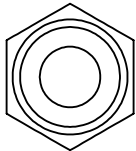
10 Flat Washer

12 x8



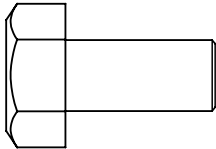
10 Spring Washer

5 x4



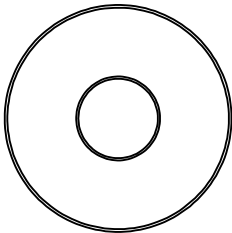
M10 Lock Nut

67 x8



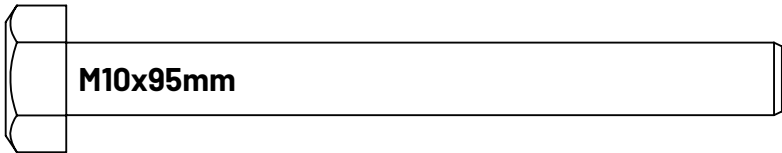
M10x20mm

3 x4



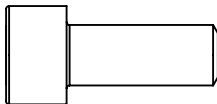
Large Flat Washer

6 x4



M10x95mm

66 x2



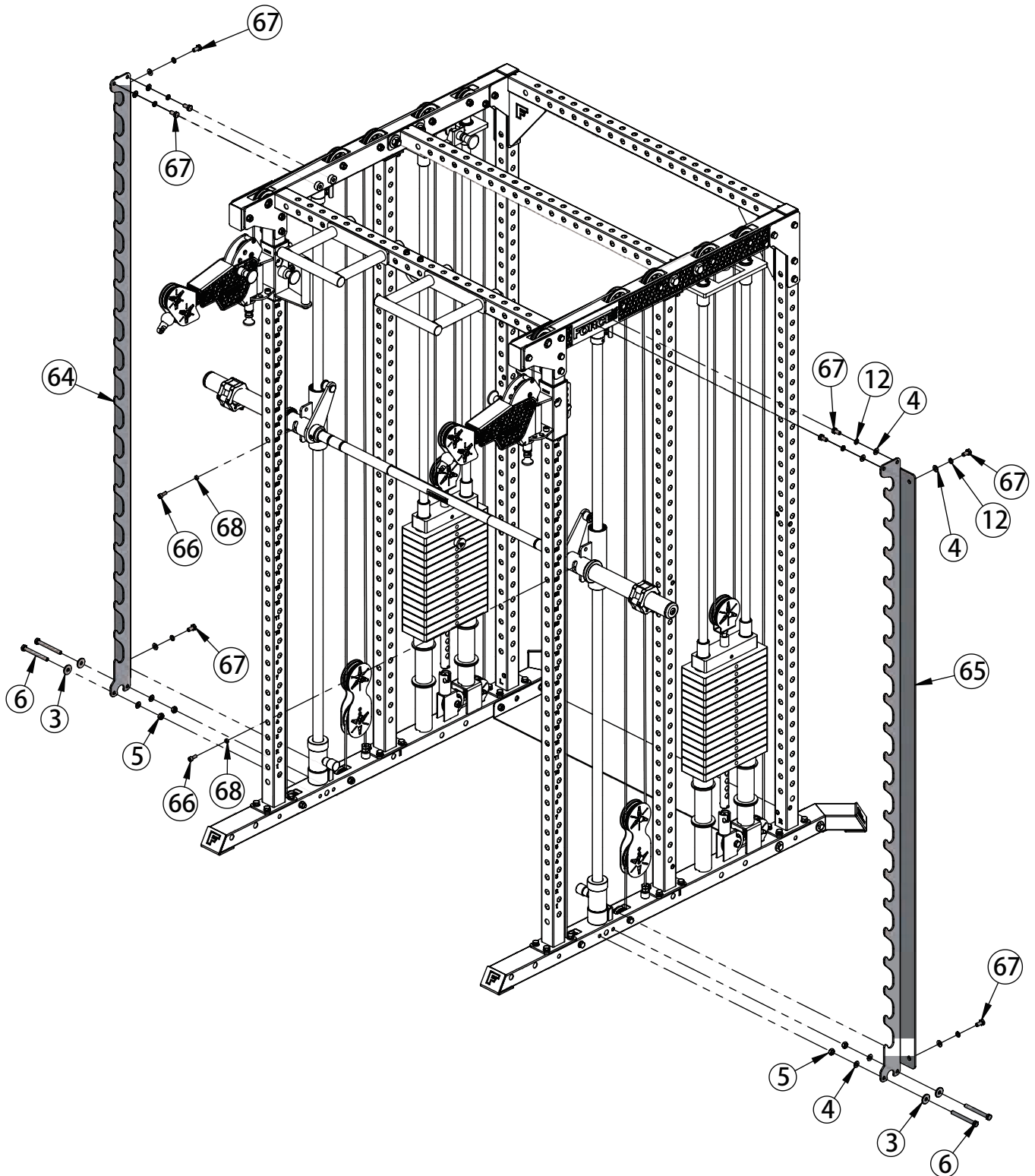
M8x20mm

STEP16-ASSEMBLY

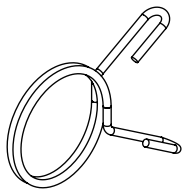


Fully tighten this step's hardware

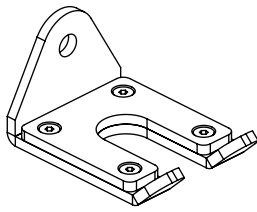
If you haven't purchased the F-M10-SMITH, please skip this step.



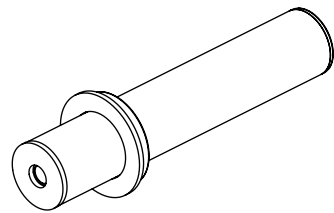
STEP17-PARTS & HARDWARE



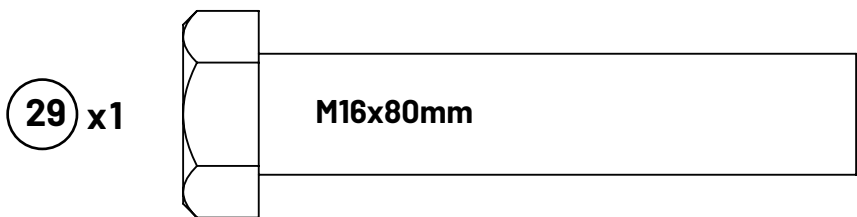
72x8
Spring Collar



73x1
Barbell Hanger

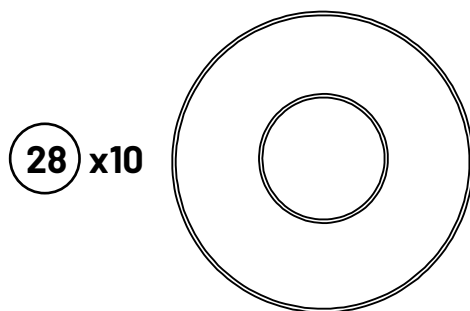


74x8
Weight Plate Storage



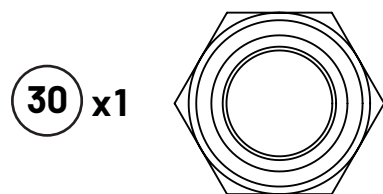
29x1

M16x80mm



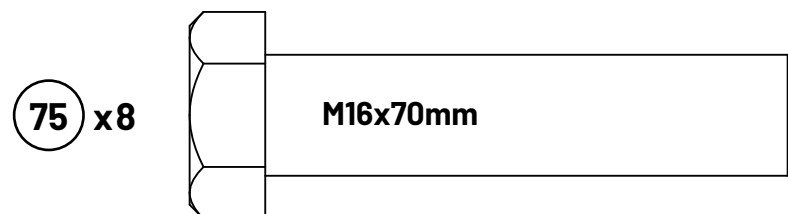
28x10

16 Flat Washer



30x1

M16 Lock Nut



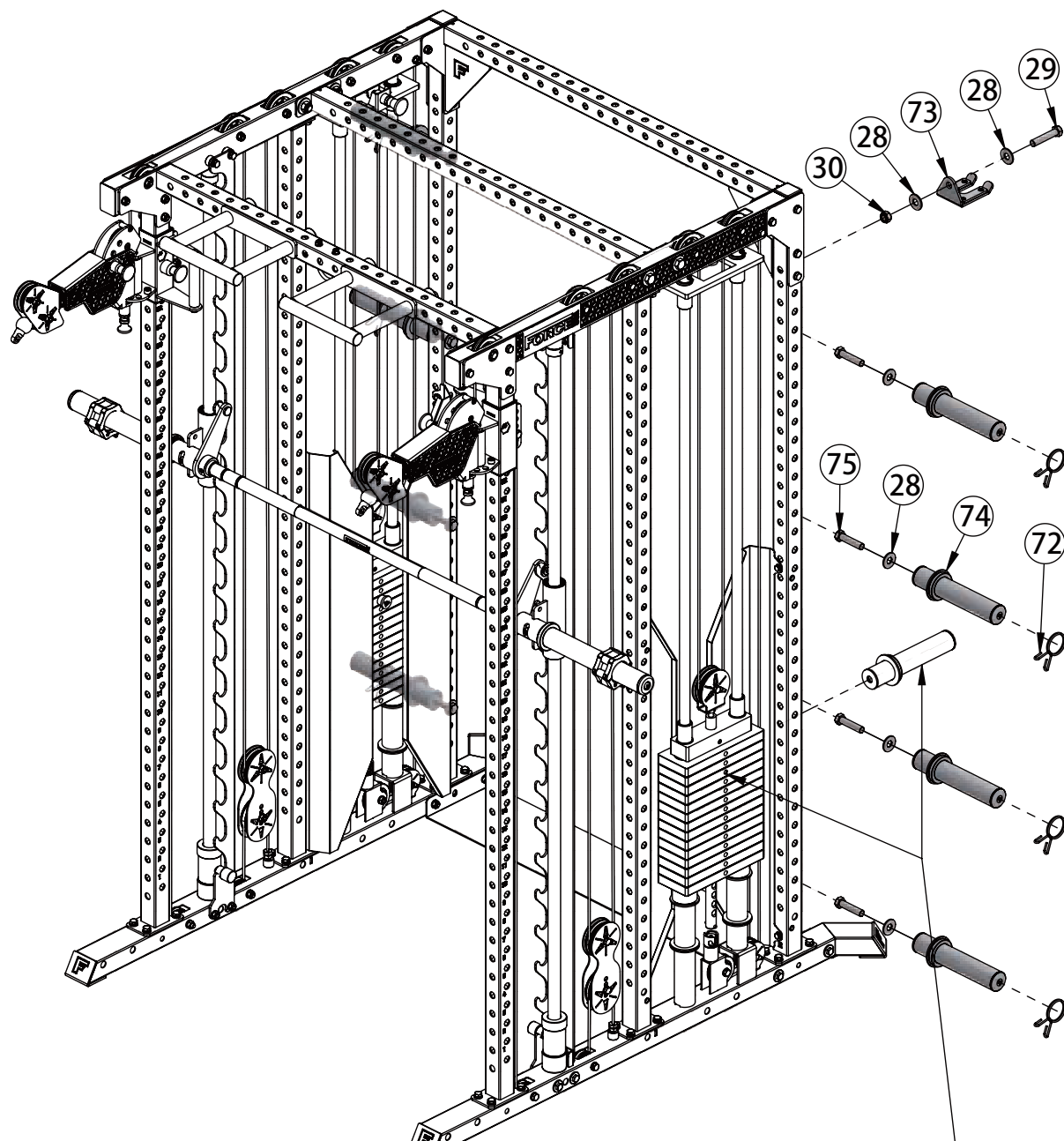
75x8

M16x70mm

STEP17-ASSEMBLY

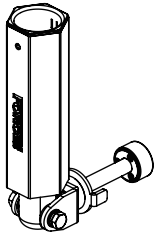


Fully tighten this step's hardware

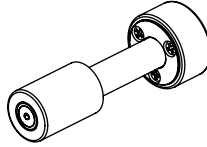


If the F-M10-PLC is selected, this parts should be installed at the back.

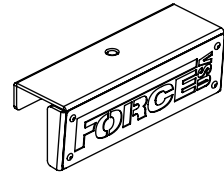
STEP18-PARTS & HARDWARE



76x1
Magnetic Landmine



77x1
Landmine Magnet

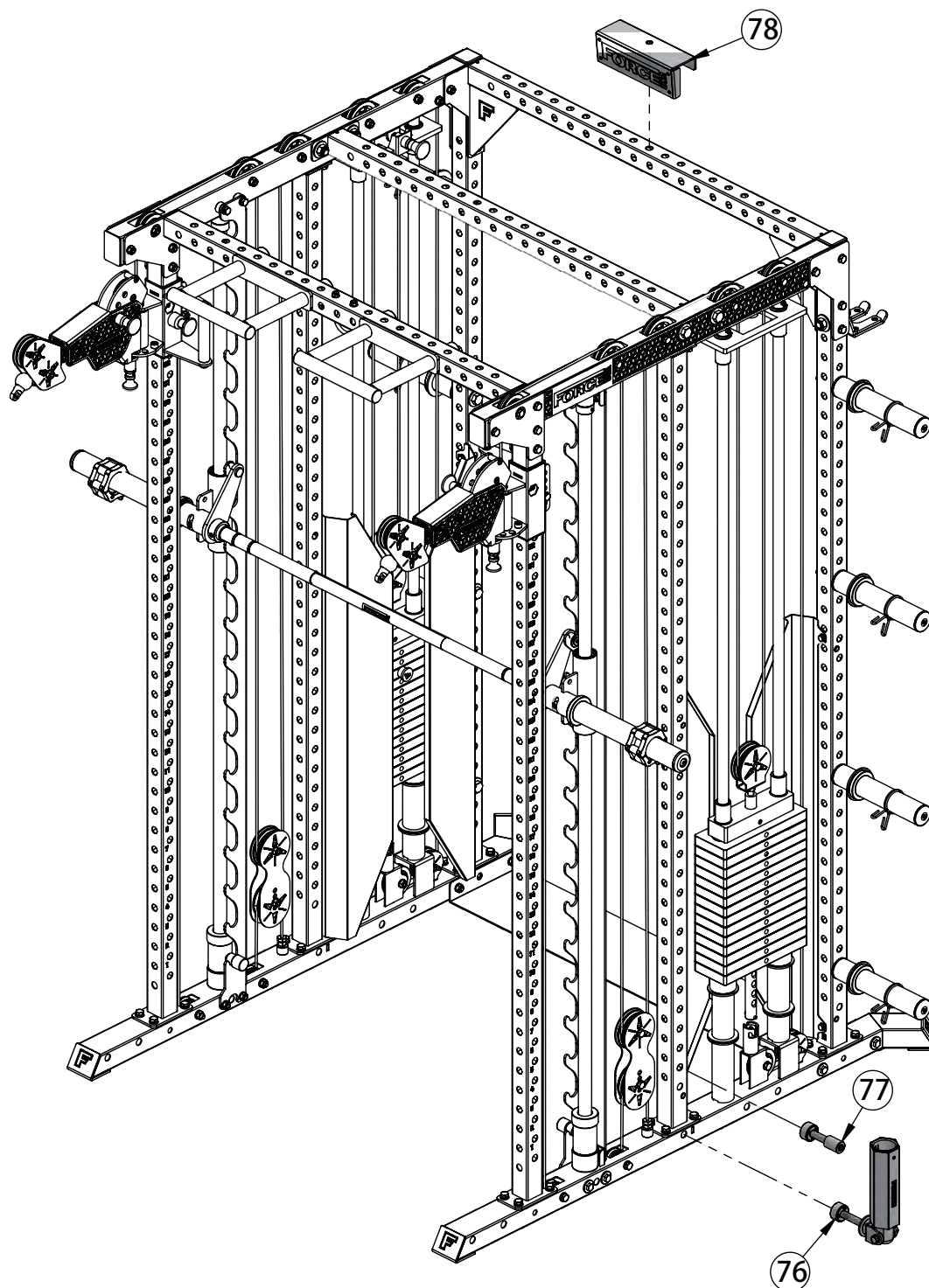


78x1
LOGO Plate

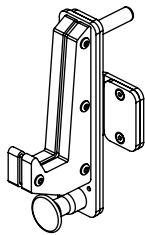
STEP18-ASSEMBLY



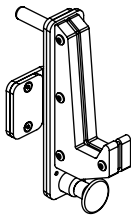
Fully tighten this step's hardware



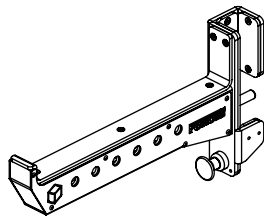
STEP19-PARTS & HARDWARE



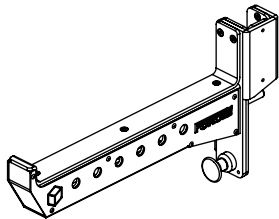
79x1
J-Hook Right



80x1
J-Hook Left



81x1
Spotter Arm Right

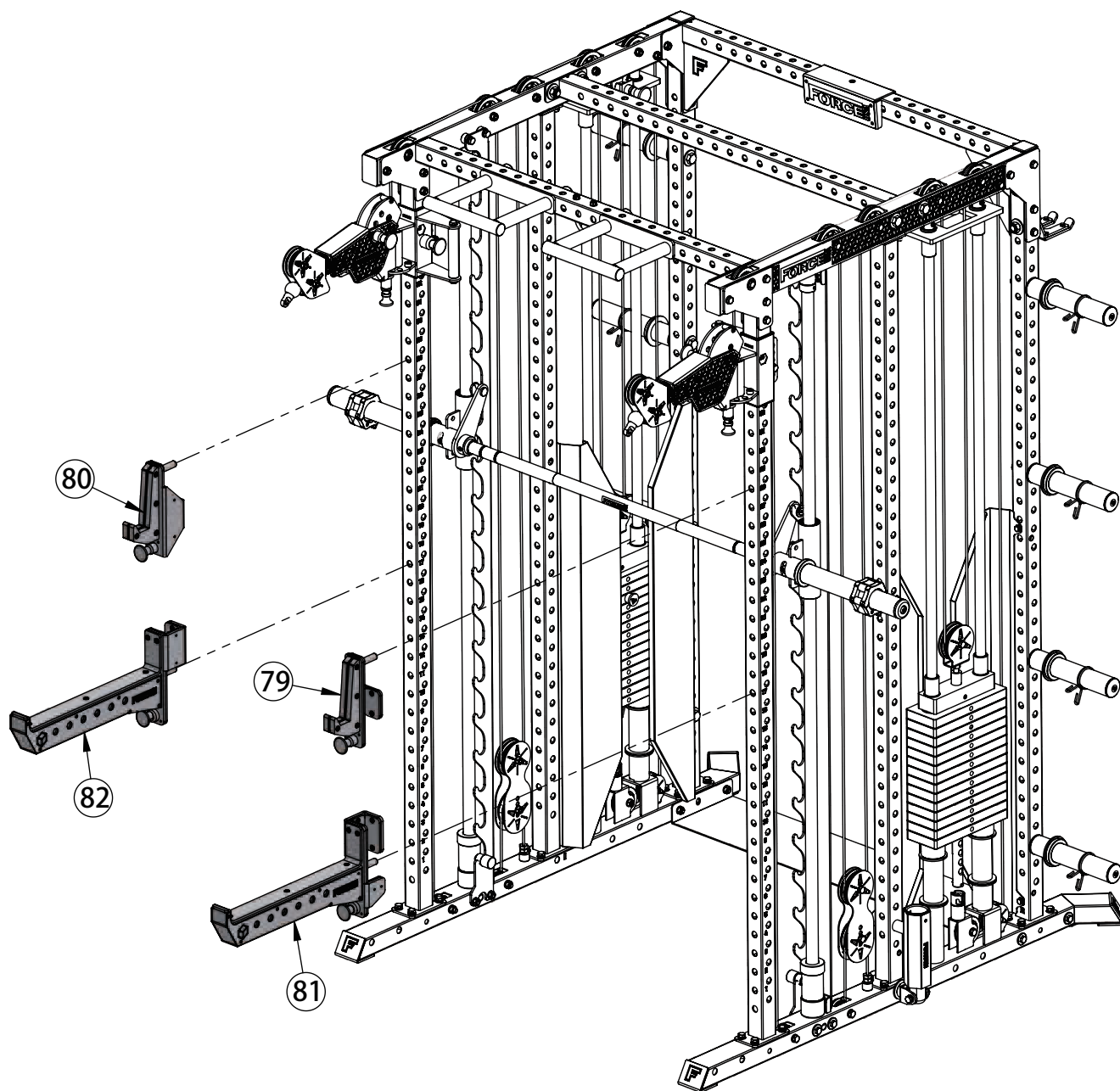


82x1
Spotter Arm Left

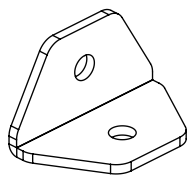
STEP19-ASSEMBLY



Fully tighten this step's hardware



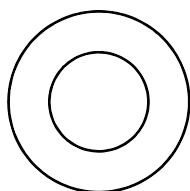
STEP20-PARTS & HARDWARE



83 x4

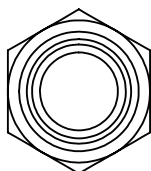
Bracket L-Shape Floor

84 x8



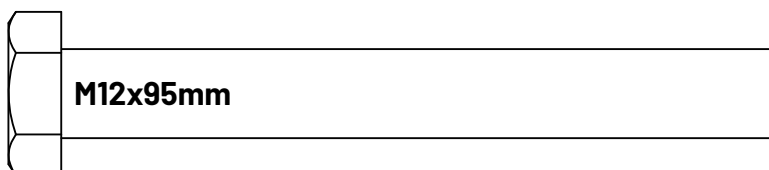
12 Flat Was

85 x4



M12 Lock Nut

86 x4

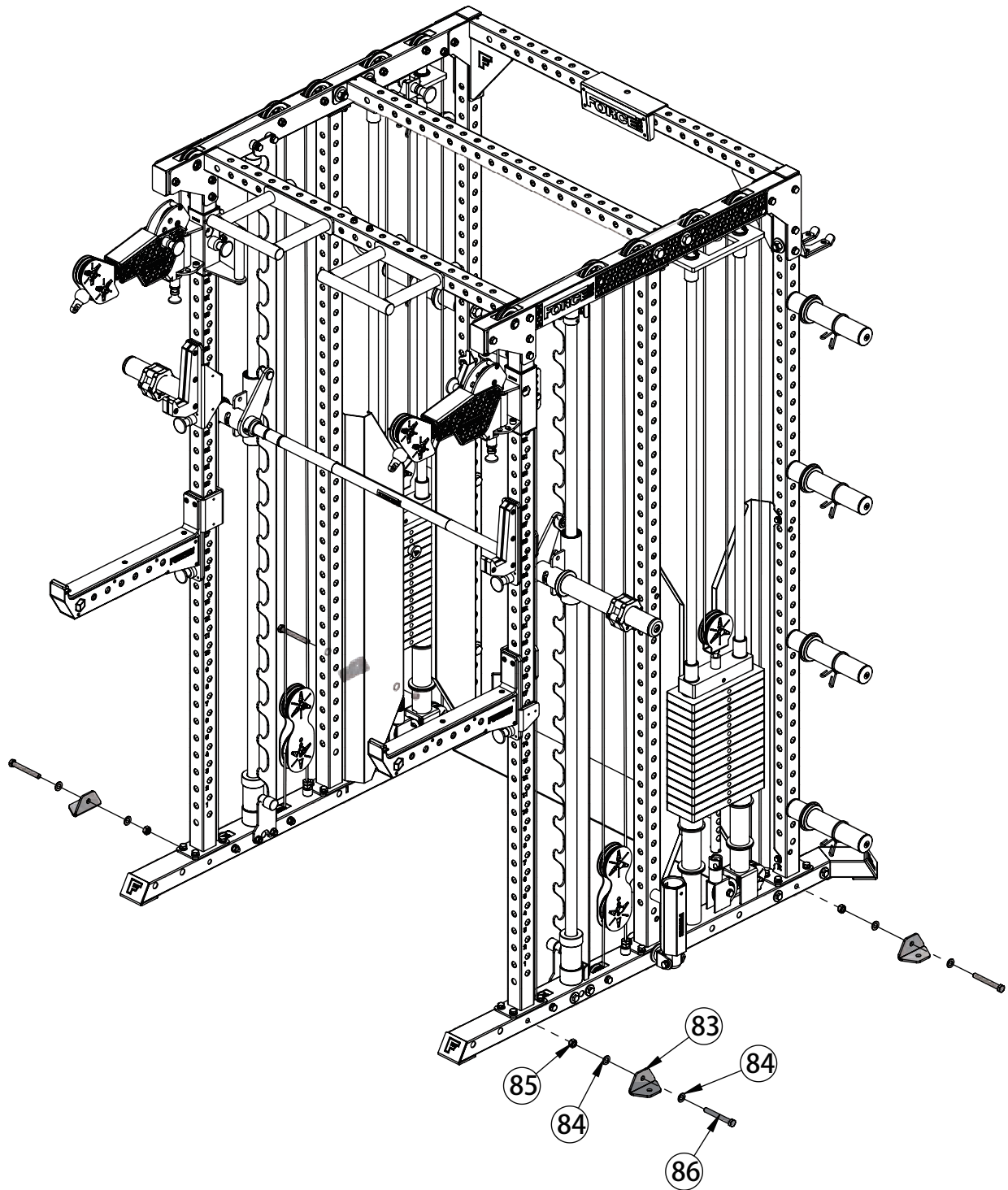


M12x95mm

STEP20-ASSEMBLY



Fully tighten this step's hardware



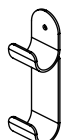
ATTACHMENTS AND ACCESSORIES

Illustrations may appear different than actual attachments



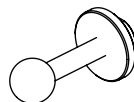
87 x1

Close Grip Triangle Landmine Handle



88 x2

Hook



89 x4

Peg



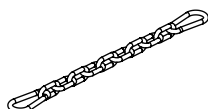
90 x1

Ankle Cuff



91 x2

Single Knurled Handle



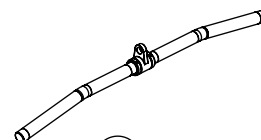
92 x4

Extension Chain



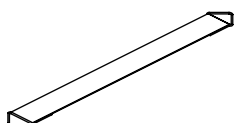
93 x1

Tricep Rope



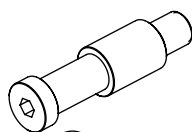
94 x1

Revolving Lat Pull Down Bar



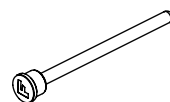
95 x1

Bodyweight Assisted Strap



96 x8

Weight Stack Band Peg Hook



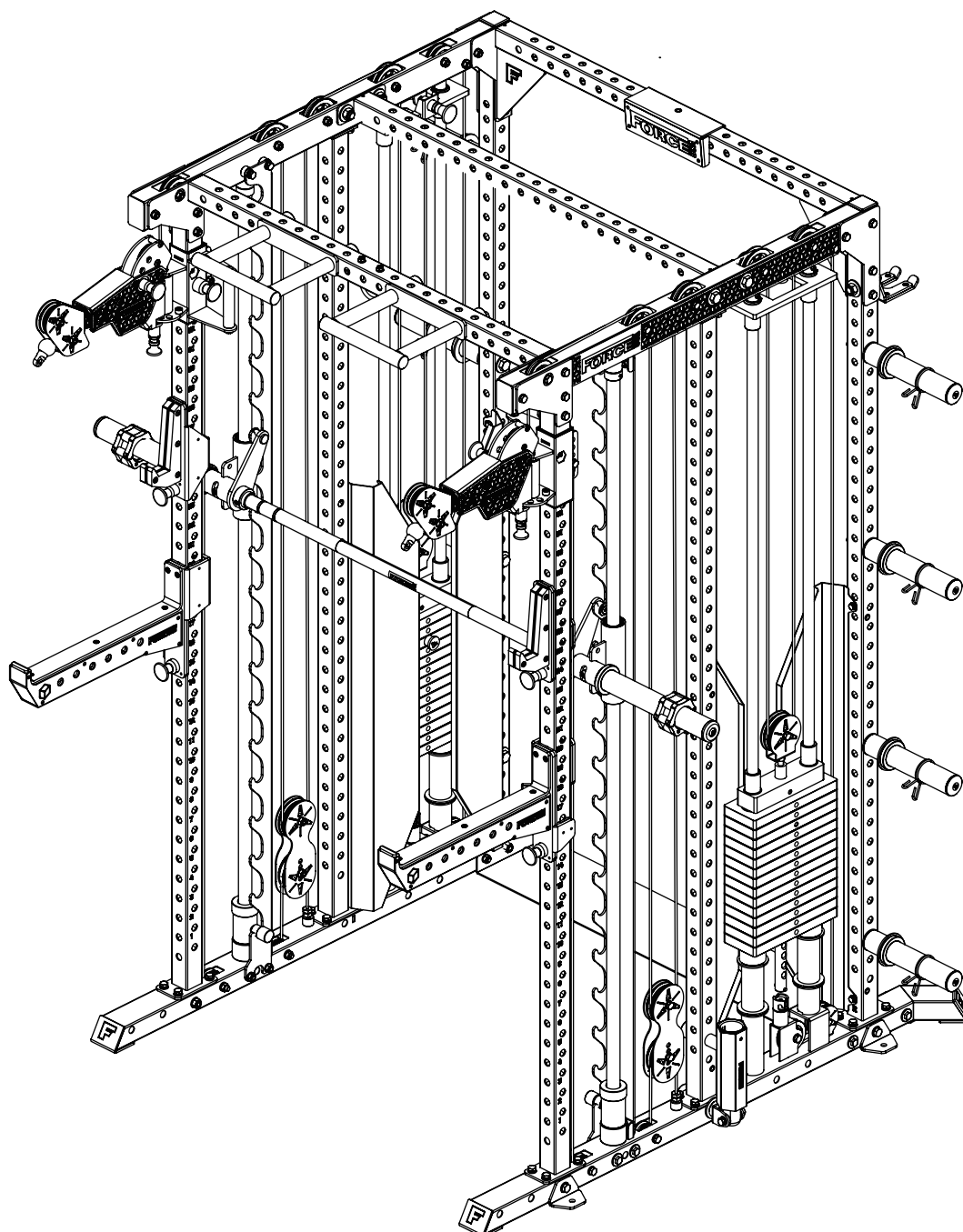
97 x4

Mag Pin

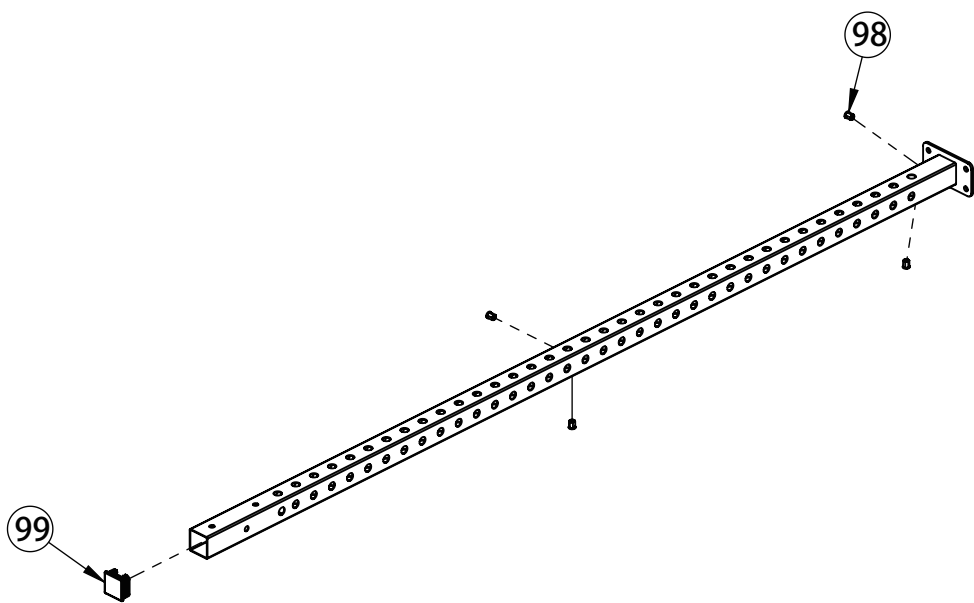
FINAL TOUCHES



Congratulations! The main unit assembly is complete. The finishing touch is to tighten all the hand tight hardware. We recommend starting at the bottom and working your way up, moving around evenly around the unit where possible. This will help ensure your unit is level and square.

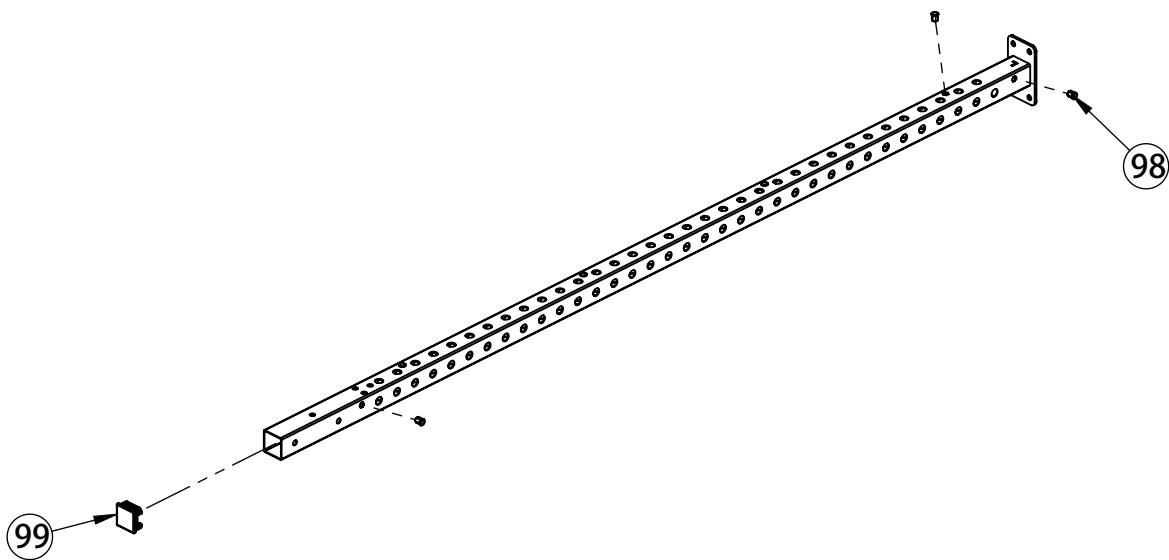


EXPLODED DIAGRAMS



Rear Right Upright

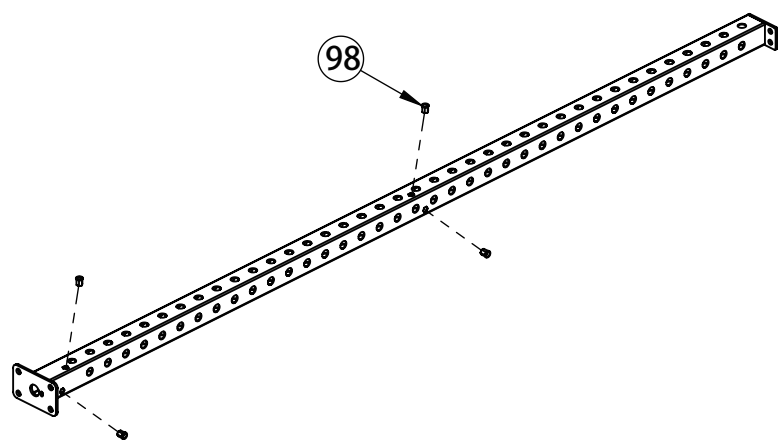
NO.	Part Name	Specification	QTY
98	Hexagonal rivet nut	M8	4
99	Square Tube Plug	□50×50×2	1



Rear Right Upright

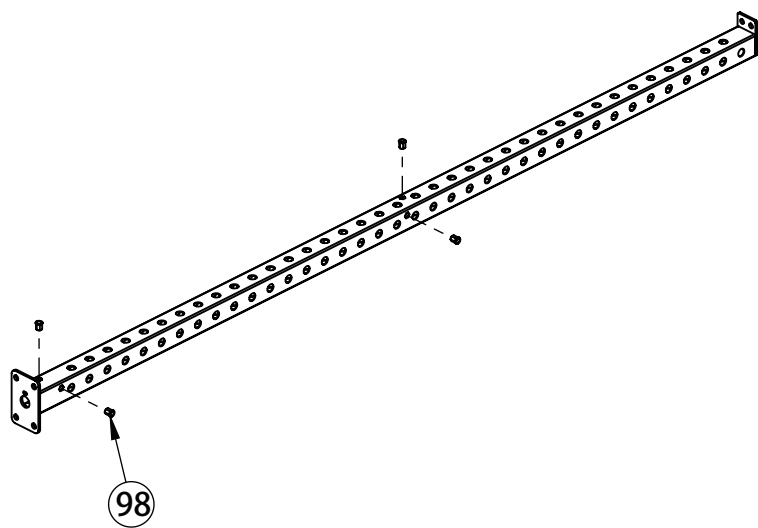
NO.	Part Name	Specification	QTY
98	Hexagonal rivet nut	M8	4
99	Square Tube Plug	□50×50×2	1

EXPLODED DIAGRAMS



Middle Right Upright

N0.	Part Name	Specification	QTY
98	Hexagonal rivet nut	M8	4

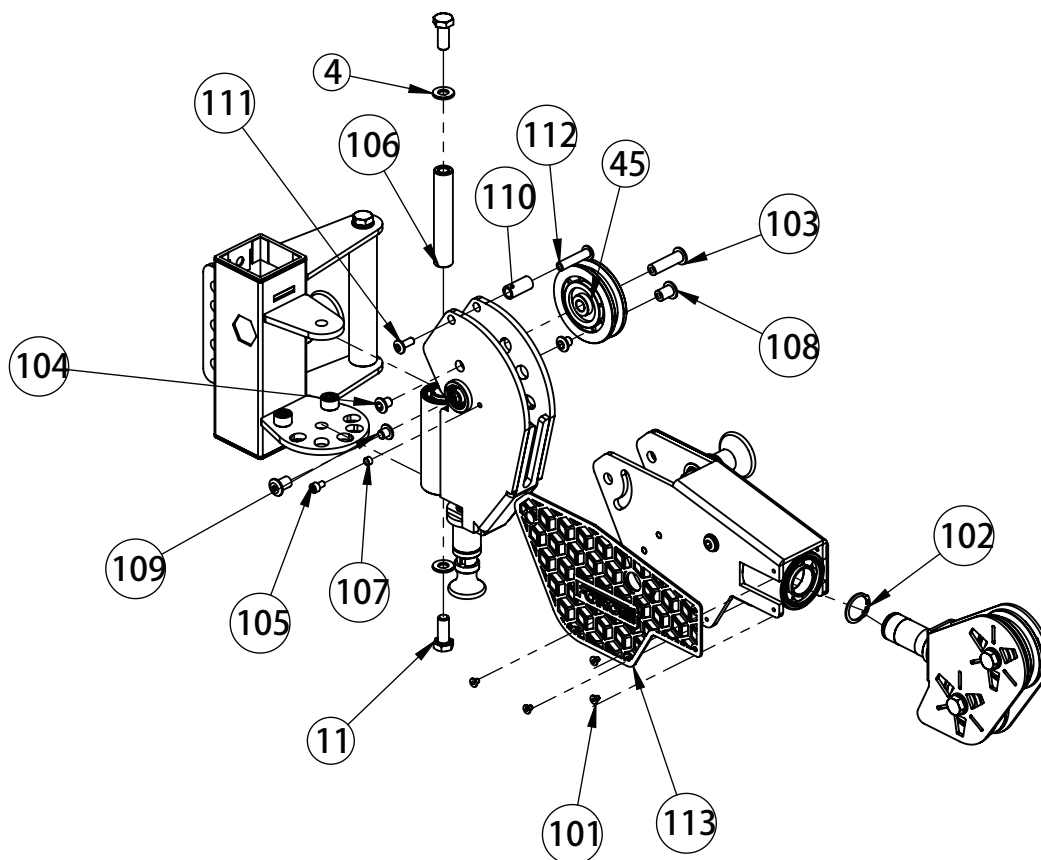


Middle Left Upright

N0.	Part Name	Specification	QTY
98	Hexagonal rivet nut	M8	4

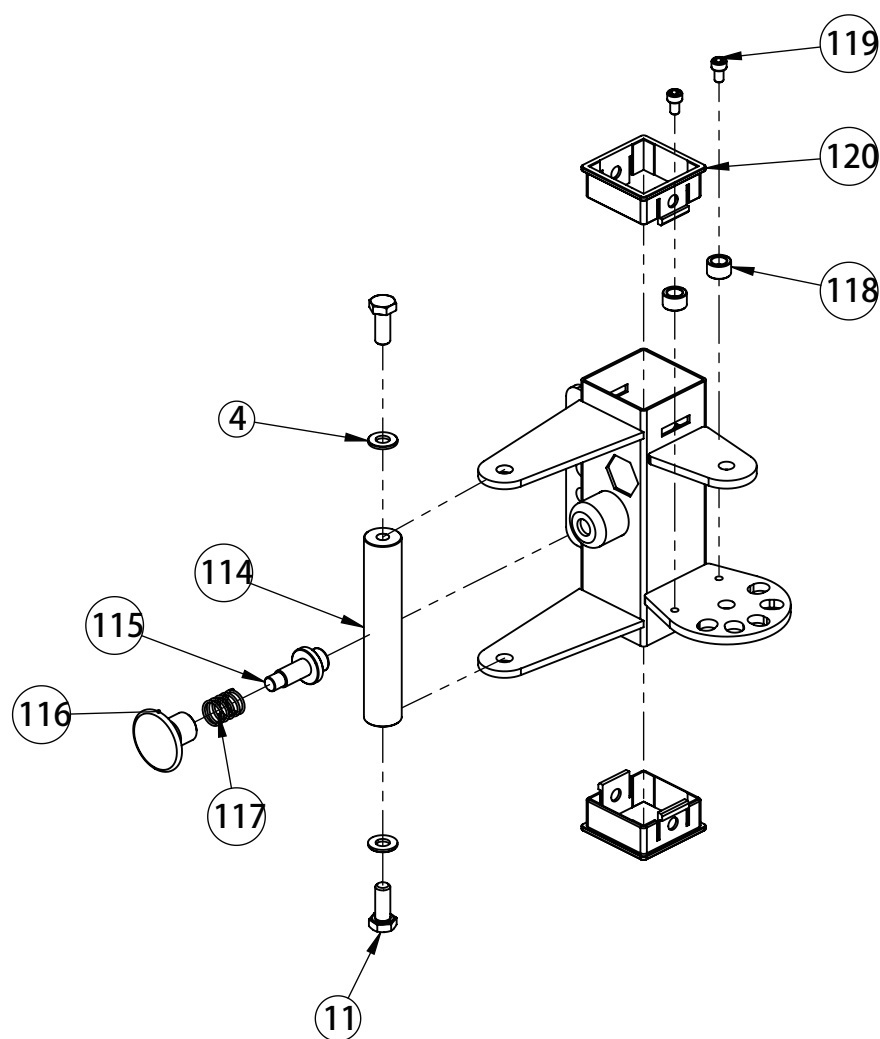
EXPLODED DIAGRAMS

Freestyle Trolley Left



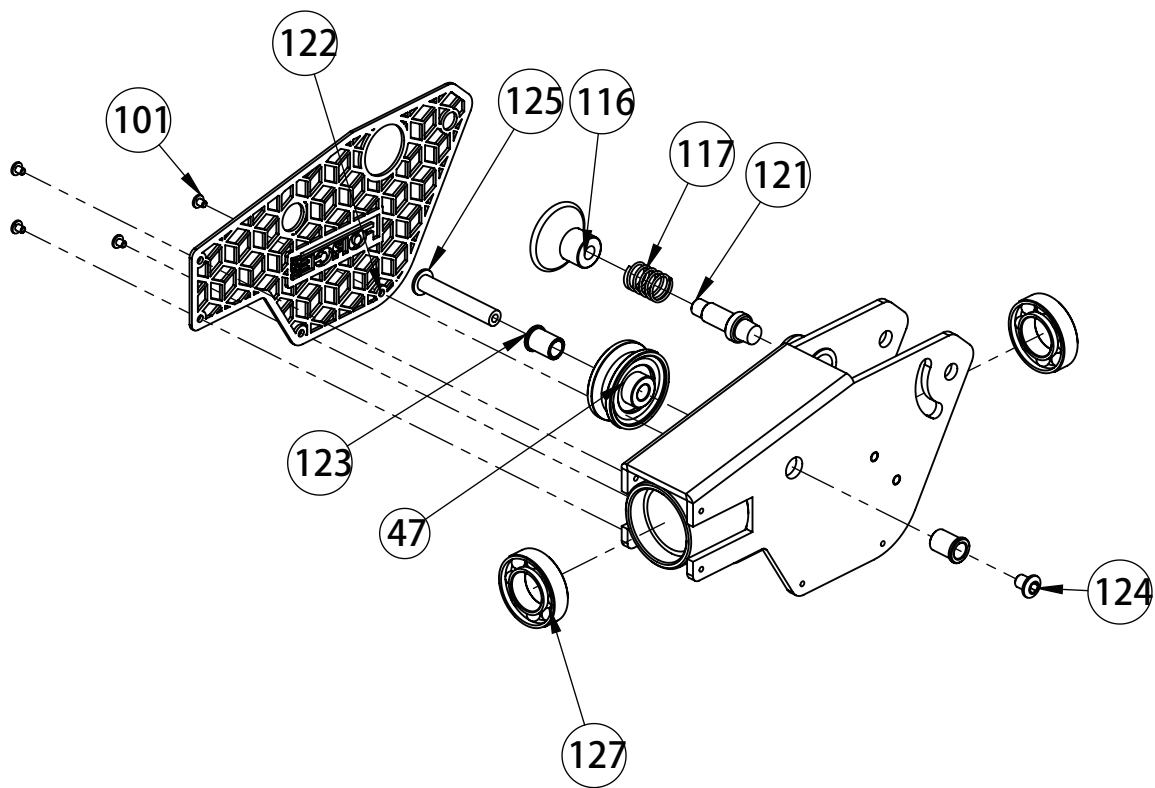
NO.	Part Name	Specification	QTY
4	M10 flat washer	M10	2
11	hexagon bolt	M10X25	2
45	M75 Pulley	M75	1
101	hexagon bolt	M4X5	4
102	elastic retaining rings	M25	1
103	hexagon bolt	M8X35	1
104	nut	M8X35	1
105	hexagon socket cap screws	M5X8	1
106	Inner shaft	M17X97	1
107	spacer sleeve	7X5.2X4	1
108	hexagon bolt	M8X16	2
109	nut	M8X16	2
110	drivepipe	M12XM8.1X26	1
111	hexagon bolt	M6X35	1
112	nut	M6X35	1
113	LOGO plate		1

EXPLODED DIAGRAMS



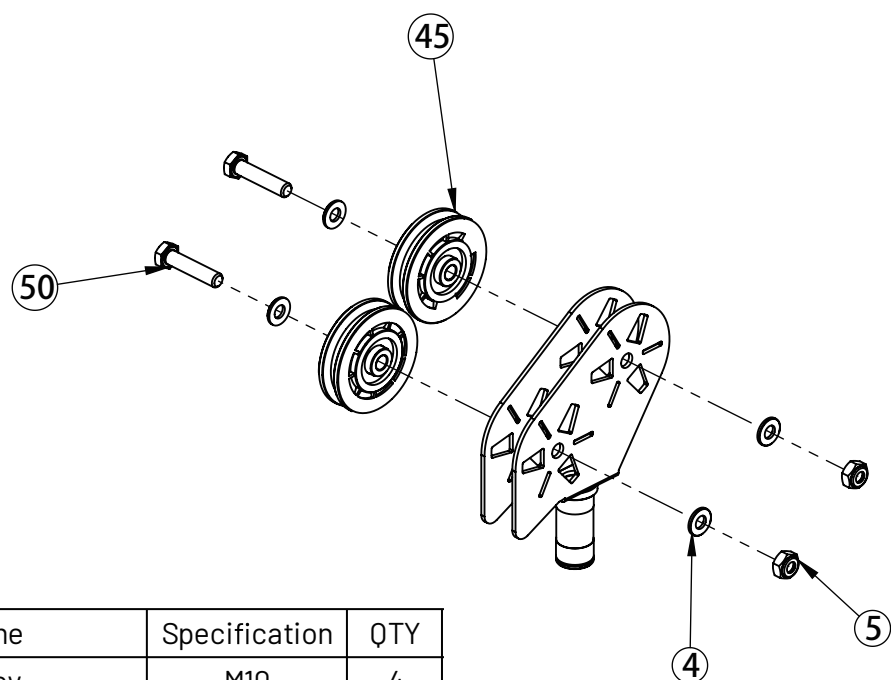
NO.	Part Name	Specification	QTY
4	M10 flat washer	M10	2
11	hexagon bolt	M10X25	2
114	handle	M25X138	1
115	Pulling pin shaft	M25	1
116	Pulling handle	M44	1
117	Pulling spring		1
118	Impact protection sleeve	M16	2
119	hexagon socket cap screws	M6X10	2
120	Bushing	50-60	2

EXPLODED DIAGRAMS

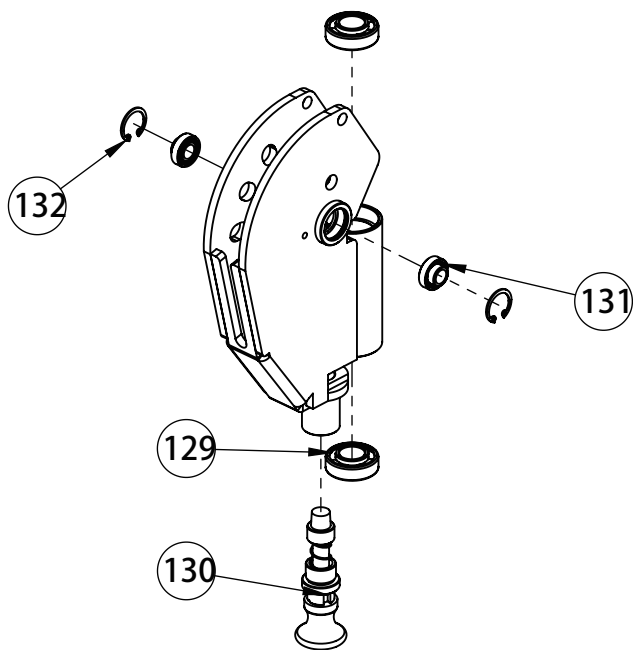


NO.	Part Name	Specification	QTY
47	M50 pulley	M50	1
101	Flat head hexagonal screw	M4X5	4
116	Pulling handle	M44	1
117	Pulling spring		1
121	Pulling pin shaft	M18	1
122	LOGO plate		1
123	Spacer sleeve	M16	2
124	hexagon bolt	M8x60	1
125	Nut	M8x60	1
126	plastic mat		4
127	deep groove ball bearing	6005	2

EXPLODED DIAGRAMS

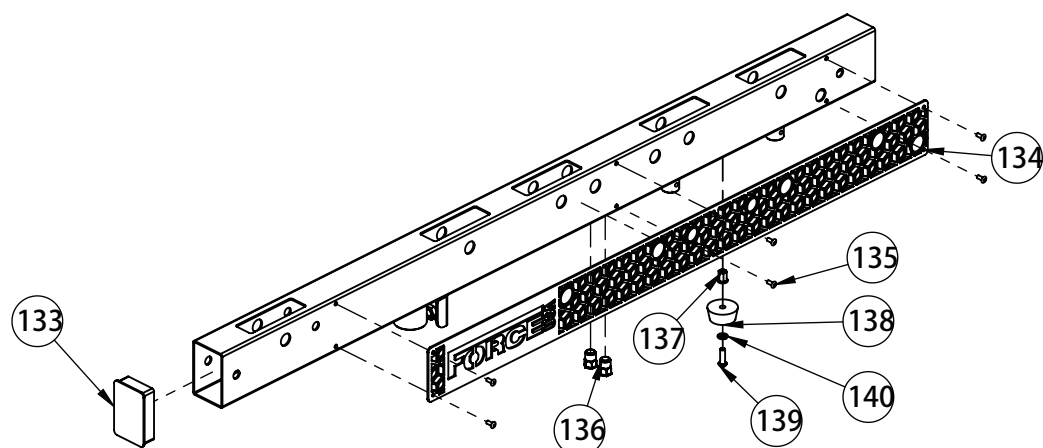


NO.	Part Name	Specification	QTY
4	M50 pulley	M10	4
5	nut	M10	2
45	M75 pulley	M75	2
50	hexagon bolt	M10X45	2



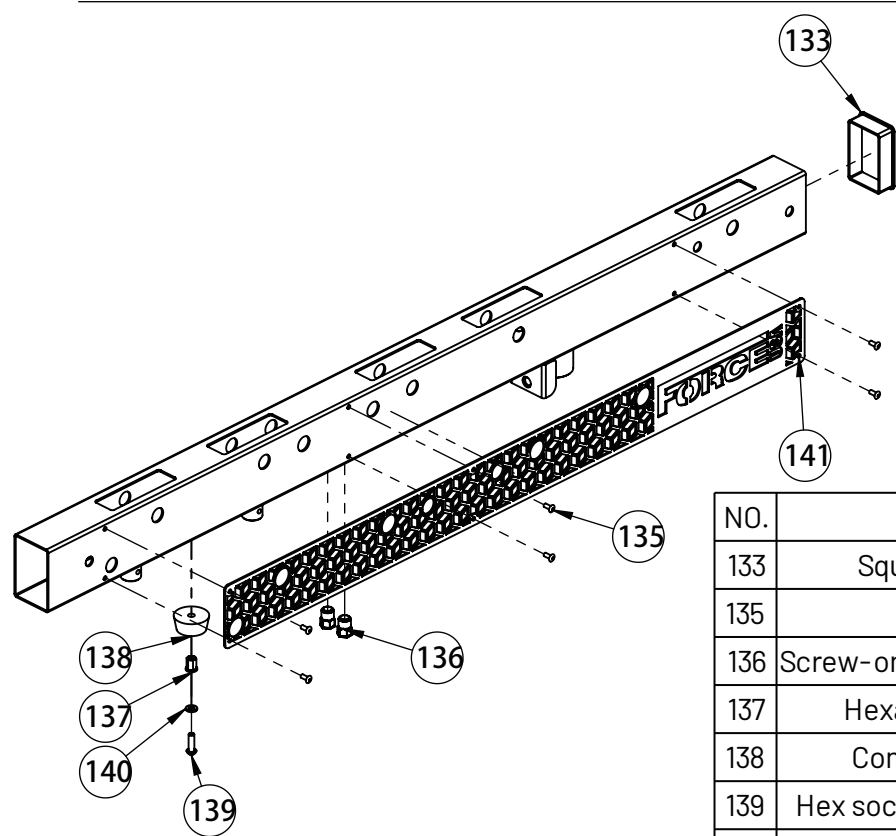
NO.	Part Name	Specification	QTY
129	deep groove ball bearing	6003	2
130	Positioning pull tab		1
131	deep groove ball bearing	31900	2
132	circlip for hole	M22	2

EXPLODED DIAGRAMS



NO.	Part Name	Specification	QTY
133	Square Tube Plug	50X75X2	1
134	LOGO plate		1
135	blind rivet	4x10	6
136	Screw-on hexagonal rivet nut	M10	2
137	Hexagonal rivet nut	M6	1
138	Conical buffer pad		1
139	Hex socket flat head screw	M6X20	1
140	flat washer	M6	1

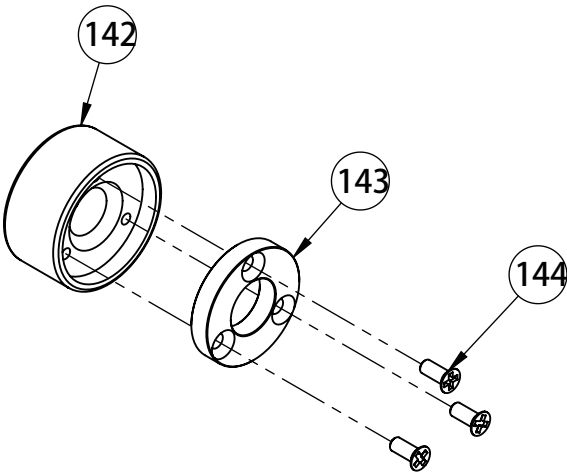
Right Top Frame



NO.	Part Name	Specification	QTY
133	Square Tube Plug	50X75X2	1
135	blind rivet	4x10	6
136	Screw-on hexagonal rivet nut	M10	2
137	Hexagonal rivet nut	M6	1
138	Conical buffer pad		1
139	Hex socket flat head screw	M6X20	1
140	flat washer	M6	1
141	LOGO plate		1

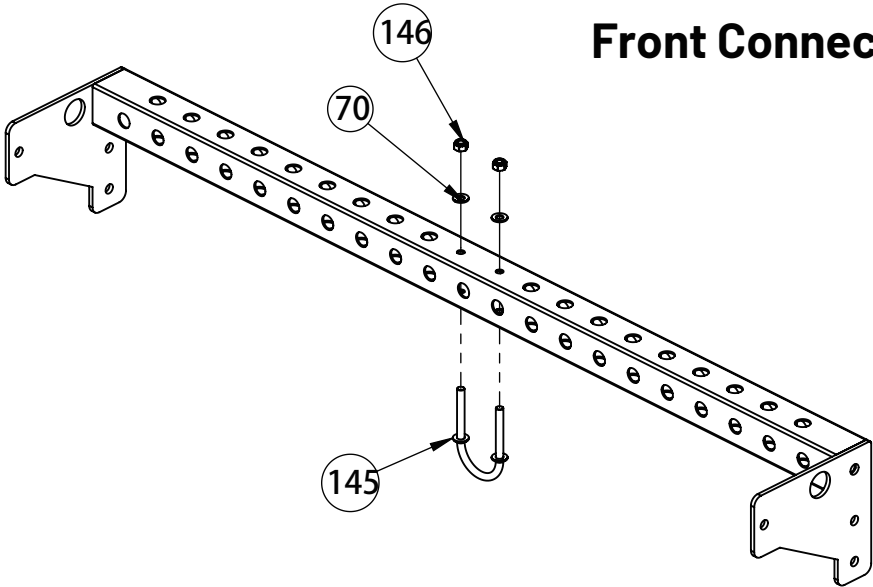
Left Top Frame

EXPLODED DIAGRAMS



NO.	Part Name	Specification	QTY
142	nut	M40	1
143	rubber mat		1
144	Cross-slot small countersunk screw	M4X10	3

Knurled Nut

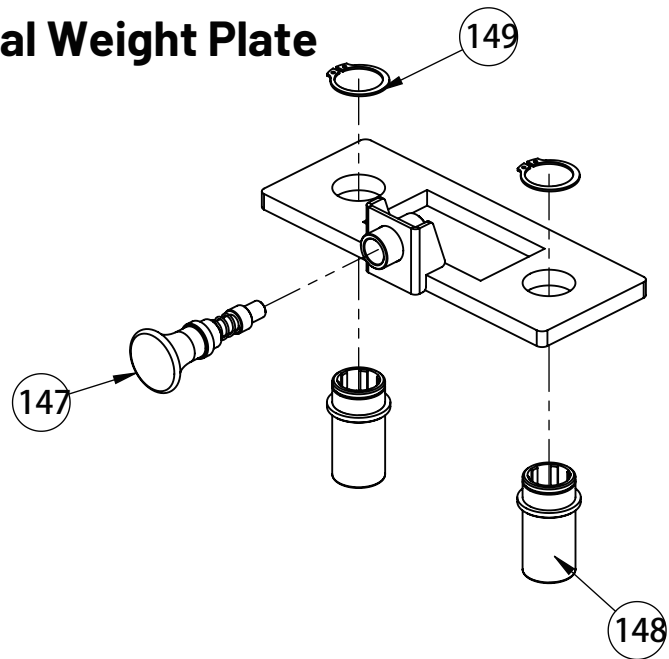


Front Connection Frame

NO.	Part Name	Specification	QTY
70	flat washer	M8	2
145	hanging ring		1
146	Nut	M8	2

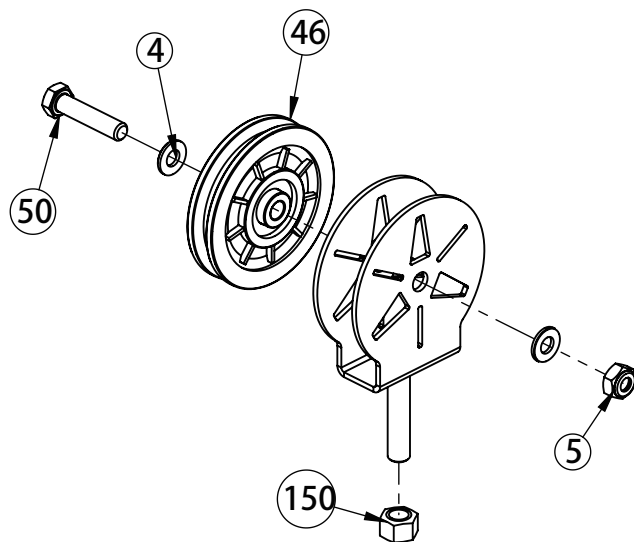
EXPLODED DIAGRAMS

2KG Incremental Weight Plate



NO.	Part Name	Specification	QTY
147	Handle release pin of umbrella	M12XM20X40	1
148	plastic sleeve		2
149	elastic collar	35	2

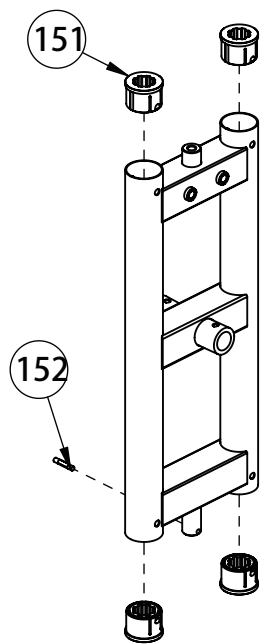
Pulley Frame



NO.	Part Name	Specification	QTY
4	flat washer	M10	2
5	nut	M10	1
46	90 pulley		1
50	hexagon bolt	M10X45	1
150	nut	M12	1

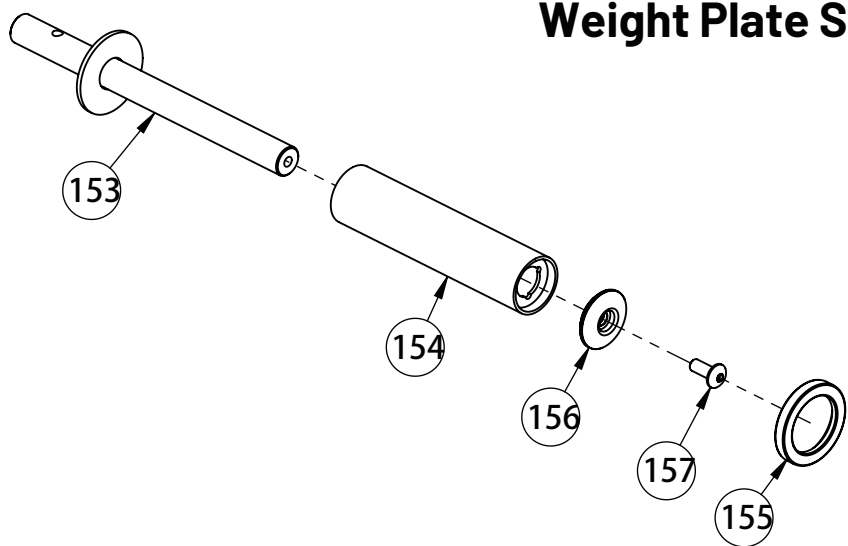
EXPLODED DIAGRAMS

Weight Plate Frame



NO.	Part Name	Specification	QTY
151	plastic sleeve		4
152	plug		1

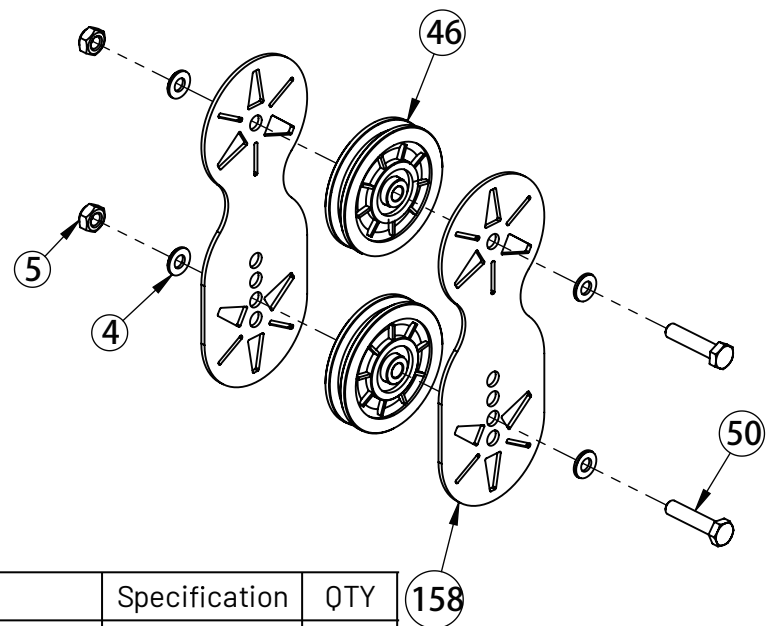
Weight Plate Storage



NO.	Part Name	Specification	QTY
153	Barbell holder		1
154	Barbell tube		1
155	Rubber retaining ring		1
156	Decorative aluminum cover		1
157	hexagon blot	M10X25	1

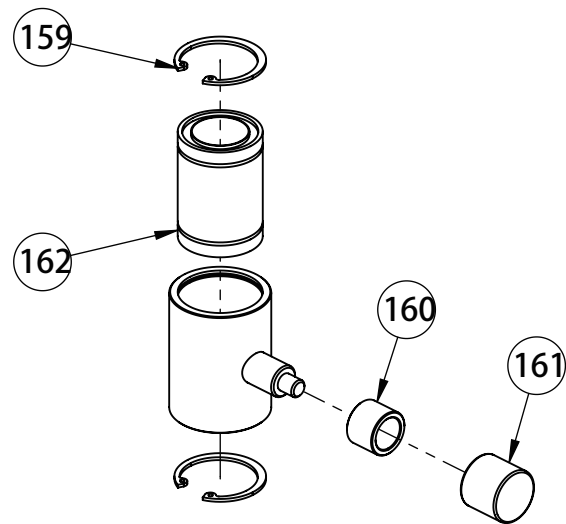
EXPLODED DIAGRAMS

Pulley Bracket



NO.	Part Name	Specification	QTY
4	flat washer	M10	4
5	nut	M10	2
46	90 pulley		2
50	hexagon blot	M10X45	2
158	Pulley adjustment plate		2

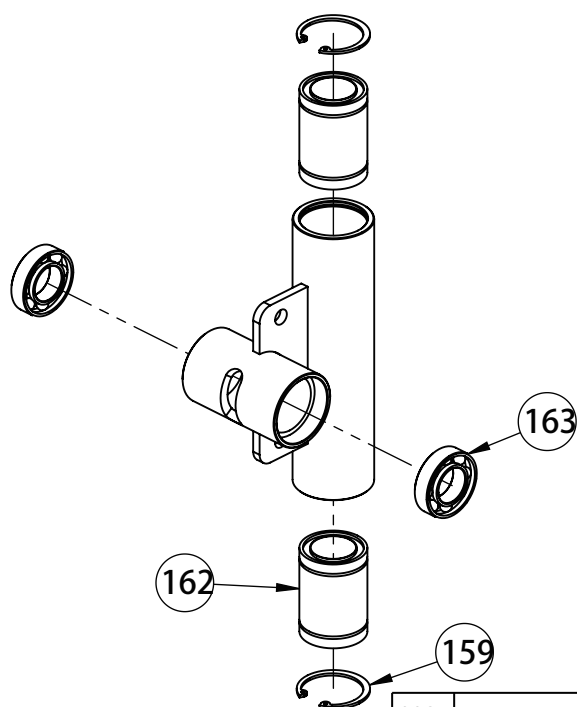
Smith Bar Safety Hook



NO.	Part Name	Specification	QTY
159	elastic collar	45	2
160	Safety interval sleeve		1
161	Safety handle		1
162	linear bearing		1

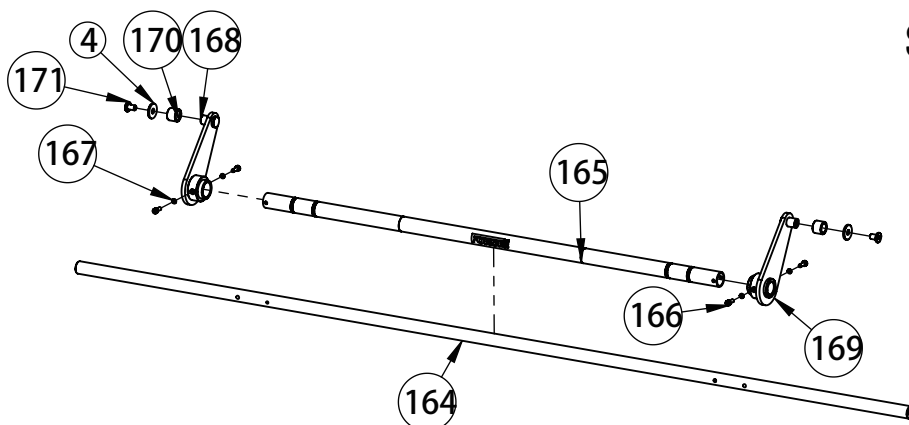
EXPLODED DIAGRAMS

Smith Bar Sliding Frame



N0.	Part Name	Specification	QTY
159	elastic collar	45	2
162	linear bearing		2
163	deep groove ball bearing		2

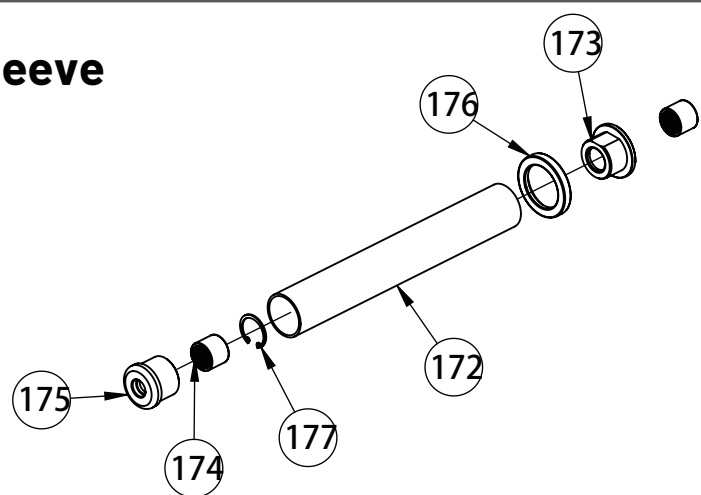
Smith Bar



NO.	Part Name	Specification	QTY
4	flat washer	M30XM10X3	2
164	Barbell inner bar		1
165	Barbell aluminum bar		1
166	hexagon bolt	M6X16	4
167	spring washer	M6X16	4
168	Left hook		1
169	Right hook		1
170	Safety interval sleeve		2
171	hexagon bolt	M10X16	2

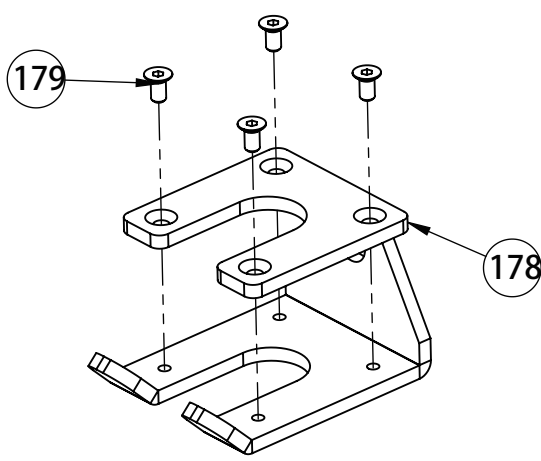
EXPLODED DIAGRAMS

Smith Barbell Sleeve



NO.	Part Name	Specification	QTY
172	Barbell sleeve		1
173	Aluminum inner retaining ring	M60	1
174	needle roller bearing		2
175	barbell bar end cap		1
176	Rubber retaining ring		1
177	elastic collar		1

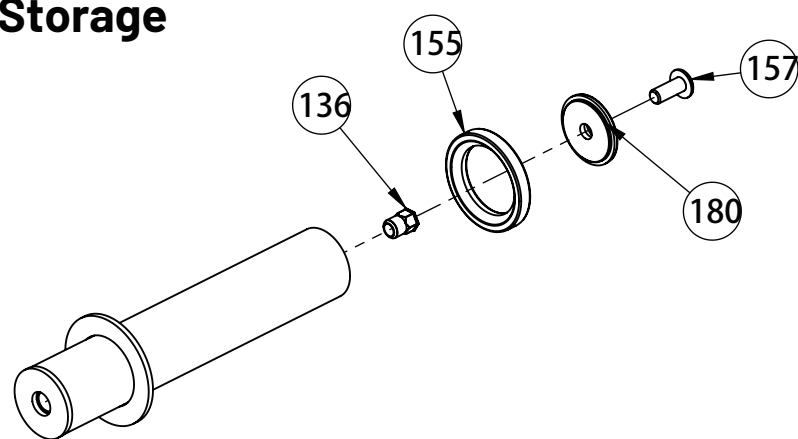
Barbell Hanger



NO.	Part Name	Specification	QTY
178	Hooked gasket		1
179	hexagon bolt	M6X12	4

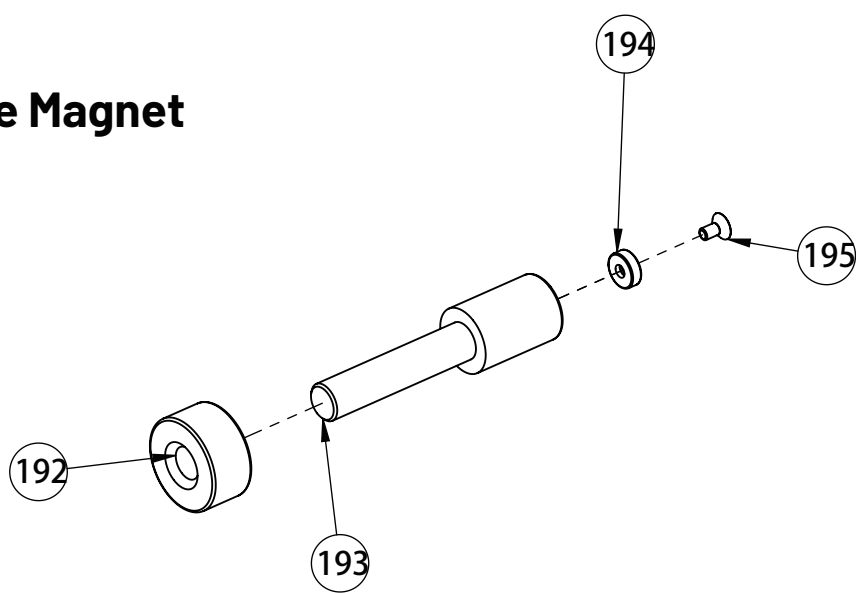
EXPLODED DIAGRAMS

Weight Plate Storage



NO.	Part Name	Specification	QTY
136	Screw-on hexagonal rivet nut	M10	1
155	Rubber retaining ring		1
157	hexagon bolt	M10X25	1
180	Decorative aluminum cover		1

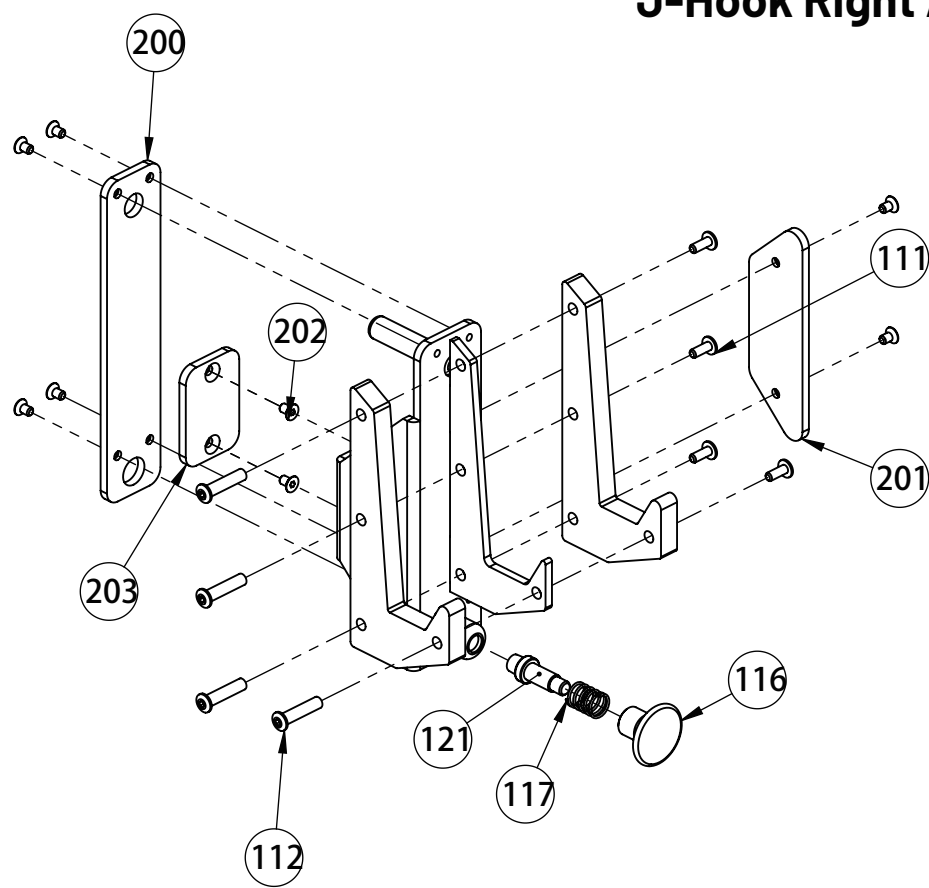
Landmine Magnet



NO.	Part Name	Specification	QTY
192	nut		1
193	Magnetic coupling shaft	M28	1
194	strong magnet		1
195	hexagon bolt	M5X10	1

EXPLODED DIAGRAMS

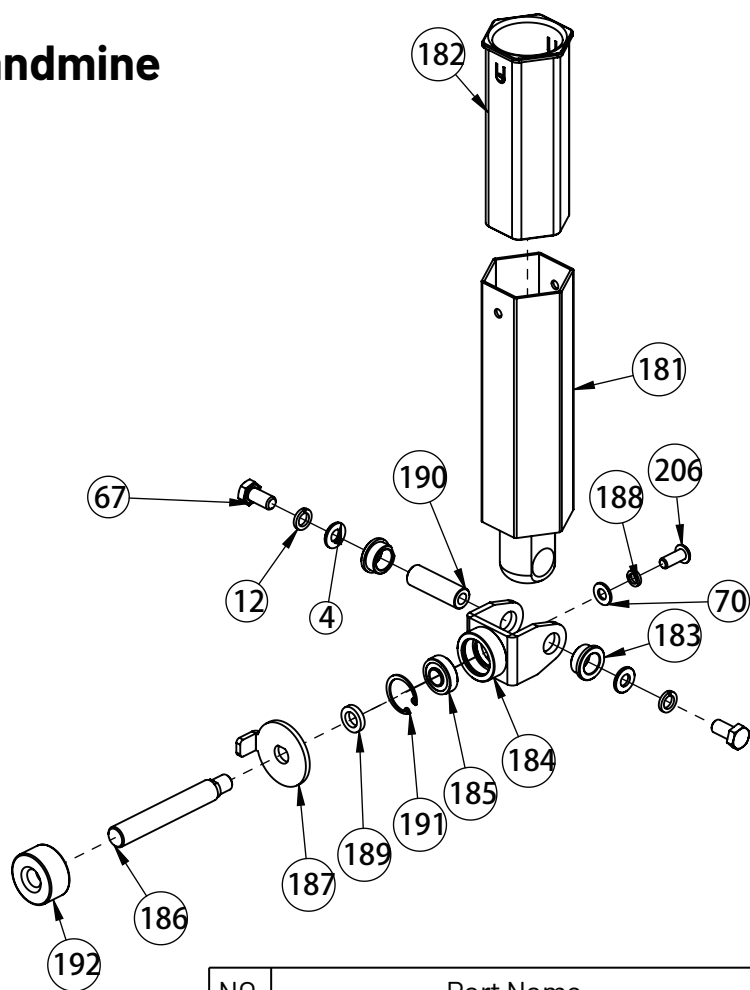
J-Hook Right And Left



NO.	Part Name	Specification	QTY
111	hexagon bolt	M6X35	4
112	nut	M6X35	4
116	Pulling handle		1
117	Pulling spring	M5X10	1
121	Pulling pin shaft		1
197	Hook plate		2
200	Long rubber sheet		1
201	Laminated rubber sheet		1
202	hexagon bolt	M6X16	8
203	Short spacer plate		1

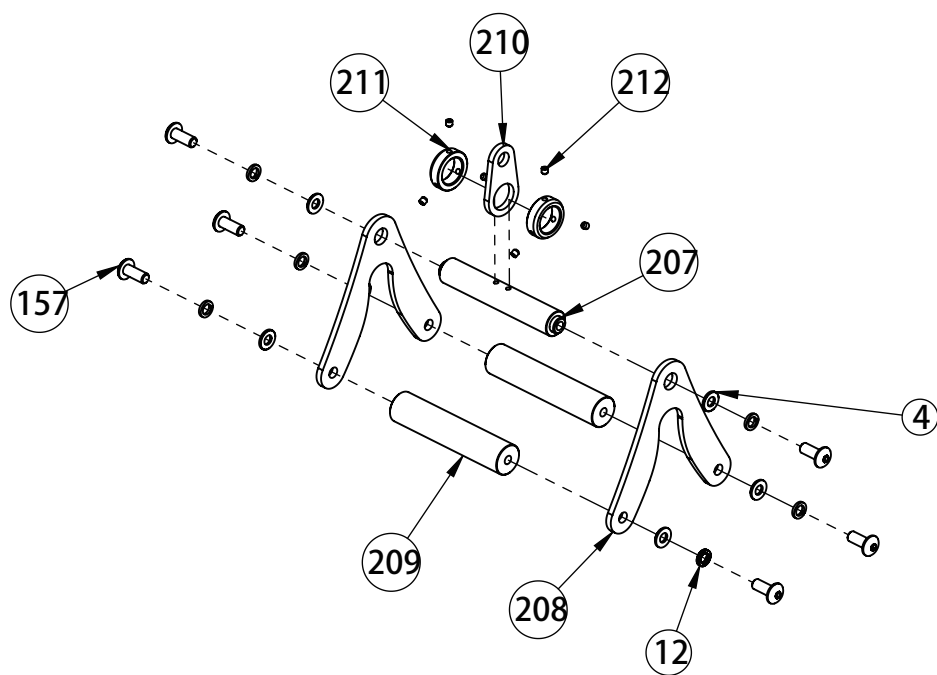
EXPLODED DIAGRAMS

Magnetic Landmine



NO.	Part Name	Specification	QTY
4	flat washer	M10	2
12	spring washer	M10	2
206	hexagon bolt	M8X20	1
67	hexagon bolt	M10X20	2
70	flat washer	M8	1
181	Landmine		1
182	reduction sleeve		1
183	Powder sleeve		2
184	Universal U-shaped part	M6X16	1
185	deep groove ball bearing	6001	1
186	universal joint	M25	1
187	Universal gasket		1
188	spring washer		1
189	Universal gasket	M8	1
190	Inner shaft	M15.8	1
191	elastic collar		1
192	nut	M16	1

EXPLODED DIAGRAMS

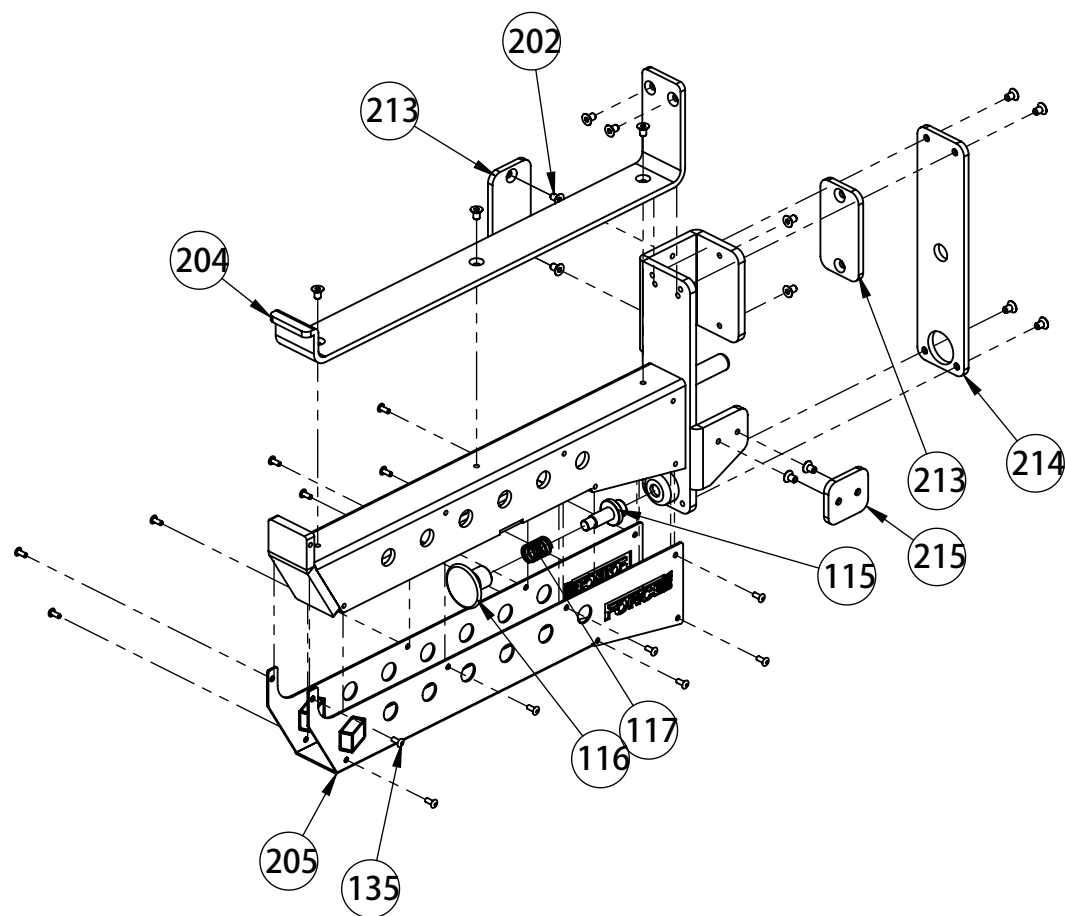


Close Grip Triang leLandmine Handle

NO.	Part Name	Specification	QTY
4	flat washer	M10	6
12	spring washer	M10	7
157	hexagon bolt	M10x25	6
207	Traction shaft		1
208	Pull the handle plate		2
209	Pull the handle shaft		2
210	Large hook plate		1
211	large puller handle retaining ring		2
212	hexagon bolt	M6X6	6

EXPLODED DIAGRAMS

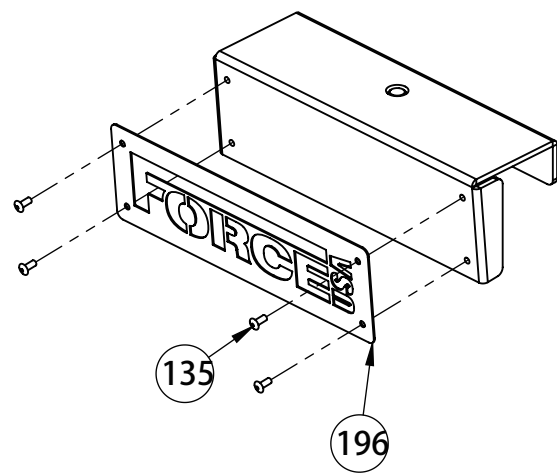
Spotter Arm Right



NO.	Part Name	Specification	QTY
115	Pulling pin shaft	M25	1
116	Pulling handle	M44	1
117	Pulling spring		1
135	blind rivet	4X10	15
202	hexagon bolt	M6X10	15
204	rubber mat		1
205	Decorative plate		1
213	Short spacer plate		2
214	Long rubber sheet		1
215	Short spacer plate		1

EXPLODED DIAGRAMS

LOGO Plate



NO.	Part Name	Specification	QTY
135	blind rivet	4X10	4
196	LOGO plate	M44	1

PART LIST

NO.	Part Name	Specification	QTY
1	Base Frame - Right		1
2	Connection Frame		1
3	Flat washer	M30XM10X3	12
4	Flat washer	M10	122
5	Nut	M10	54
6	Lock Nut	M10	12
7	Base Frame - Left		1
8	Rear Top Connecting Frame		1
9	Rear Top Support Bracket		2
10	Hexagon Bolt	M10x75	16
11	Hexagon Bolt	M10x25	34
12	Sping Washer	M10	45
13	Rear Right Upright		1
14	Rear Left Upright		1
15	Hexagon Bolt	M10x70	2
16	Front Upright		2
17	Middle Right Upright		1
18	Middle Left Upright		1
19	Freestyle Trolley Right		1
20	Freestyle Trolley Left		1
21	Right Top Frame		1
22	Left Top Frame		1
23	Adjustable Pull Up Handle		2
24	Knurled Nut		4
25	Front Top Support Bracket		2
26	Front Connection Frame		1
27	Middle Connection Frame		1
28	flat washer	M17XM40X3	18
29	Hexagon Bolt	M16X80	5
30	Nut	M16	5
31	Guide Rod		4
32	Weight Stack Rubber Bumper		4
33	Weight Stack Spacer		4
34	Weight Stack		2

PART LIST

NO.	Part Name	Specification	QTY
35	2KG Incremental Weight Plate		2
36	Pulley Frame		2
37	Weight Stack Selector Pin		2
38	Hexagon Bolt	M6X10	4
39	Weight Plate Frame		2
40	Weight Plate Storage		4
41	Spring Collar		4
42	Hexagon Bolt	M8X10	6
43	Upper Main Frame Cable		2
44	Pulley Bracket		2
45	75mm Pulley		14
46	90mm Pulley		12
47	50mm Pulley		8
48	Pulley Bushing		24
49	Hexagon Bolt	M10X65	12
50	Hexagon Bolt	M10X45	14
51	Lower Main Frame Cable		2
52	Pulley Bushing		8
53	Smith Bar Guide RodBottom Insert		2
54	Smith Bar Safety Hook		2
55	Smith Bar Rubber Bumper		2
56	Smith Bar Top Locking Sleeve		2
57	Smith Bar Guide Rod		2
58	Smith Bar Sliding Frame		2
59	Smith Bar		1
60	Smith Barbell Sleeve		2
61	Smith Barbell Sleeve Spacer		2
62	Hexagon Bolt	M10X30	2
63	Magnetic Olympic Lock Collar		2
64	Smith Bar Hook Plate - Right		1
65	Smith Bar Hook Plate - Left		1
66	Hexagon Bolt	M8X20	2
67	Hexagon Bolt	M10X20	10
68	Spacer sleeve		2

PART LIST

NO.	Part Name	Specification	QTY
70	Flat washer	M8	3
71	Hexagon Bolt	M8X16	8
72	Spring Collar		8
73	Barbell Hanger		1
74	Weight Plate Storage		8
75	Hexagon Bolt	M16X70	8
76	Magnetic Landmine		1
77	Landmine Magnet		1
78	LOGO Plate		1
79	J-Hook Right		1
80	J-Hook Left		1
81	Spotter Arm Right		1
82	Spotter Arm Left		1
83	Bracket L-Shape Floor		4
84	Flat washer	M12	8
85	Nut	M12	4
86	Hexagon Bolt	M12X95	4
87	Close Grip Triang leLandmine Handle		1
88	Hook		2
89	Peg		4
90	Ankle Cuff		2
91	Single Knurled Handle		2
92	Extension Chain		4
93	Tricep Rope		1
94	Revolving Lat Pull Down Bar		1
95	Bodyweight AssistedStrap		1
96	Weight Stack Band Peg Hook		8
97	Mag Pin		4
98	Hexagonalrivet nut	M8	16
99	Square Tube Plug		2
100	LOGO plate		1
101	Hexagon bolt	M4X5	16
102	Elastic retaining rings	M25	2

PART LIST

NO.	Part Name	Specification	QTY
103	Hexagon bolt	M8X35	2
104	Nut	M8X35	2
105	Hexagon socket cap screws	M5X8	2
106	Inner shaft	M17X97	2
107	Spacer sleeve	7X5.2X4	2
108	Hexagon bolt	M8X16	4
109	Nut	M8X16	4
110	Drivepipe	M12XM8.1X26	2
111	Hexagon bolt	M6X35	10
112	Nut	M6X35	10
113	LOGO plate		1
114	Handle	M25X138	2
115	Pulling pin shaft	M25	4
116	Pulling handle	M44	8
117	Pulling spring		8
118	Impact protection sleeve	M16	4
119	Hexagon socket cap screws	M6X10	4
120	Bushing	50-60	4
121	Pulling pin shaft	M18	4
122	LOGO plate		1
123	Spacer sleeve	M16	4
124	Hexagon bolt	M8x60	2
125	Nut	M8x60	2
126	Plastic mat		8
127	Deep groove ball bearing	6005	4
128	LOGO plate		1
129	Deep groove ball bearing	6003	2
130	Positioning pull tab		1
131	Deep groove ball bearing	31900	2
132	Circlip for hole	M22	2
133	Square Tube Plug	50X75X2	2
134	LOGO plate		1
135	Blind rivet	4x10	44
136	Screw-on hexagonalrivet nut	M10	12

PART LIST

NO.	Part Name	Specification	QTY
137	Hexagonal rivet nut	M6	2
138	Conical buffer pad		2
139	Hex socket flat head screw	M6X20	2
140	flat washer	M6	2
141	LOGO plate		1
142	Nut	M40	6
143	Rubber mat		6
144	Cross-slot small countersunk screw	M4X10	18
145	Hanging ring		1
146	Nut	M8	2
147	Handle release pin of umbrella	M12XM20X40	2
148	Plastic sleeve		4
149	Elastic collar	35	4
150	Nut	M12	2
151	Plastic sleeve		8
152	Plug		2
153	Barbell holder		4
154	Barbell tube		4
155	Rubber retaining ring		12
156	Decorative aluminum cover		4
157	Hexagon blot	M10X25	20
158	Pulley adjustment plate		4
159	Elastic collar	45	8
160	Safety interval sleeve		2
161	Safety handle		2
162	linear bearing		6
163	Deep groove ball bearing		4
164	Barbell inner bar		1
165	Barbell aluminum bar		1
166	Hexagon bolt	M6X16	4
167	Spring washer	M6X16	4
168	Left hook		1
169	Right hook		1
170	Safety interval sleeve		2

PART LIST

NO.	Part Name	Specification	QTY
171	Hexagon bolt	M10X16	2
172	Barbell sleeve		2
173	Aluminum innerretaining ring	M60	2
174	Needle roller bearing		4
175	Barbell bar end cap		2
176	Rubberretaining ring		2
177	Elastic collar		2
178	Hooked gasket		1
179	Hexagon bolt	M6X12	4
180	Decorative aluminum cover		8
181	Landmine		1
182	Reduction sleeve		1
183	Powder sleeve		2
184	Universal U-shaped part	M6X16	1
185	Deep groove ball bearing	6001	1
186	Universal joint	M25	1
187	Universal gasket		1
188	Spring washer		1
189	Universal gasket	M8	1
190	Inner shaft	M15.8	1
191	Elastic collar		1
192	Nut	M16	2
193	Magnetic coupling shaft	M28	1
194	Strong magnet		1
195	Hexagon bolt	M5X10	1
196	LOGO plate	M44	1
197	Hook plate		4
200	Long rubber sheet		2
201	Laminated rubber sheet		2
202	Hexagon bolt	M6X16	46
203	Short spacer plate		2
204	Rubber mat		2
205	Decorative plate		2
206	Hexagon bolt		1

PART LIST

NO.	Part Name	Specification	QTY
207	Traction shaft		1
208	Pull the handle plate		2
209	Pull the handle shaft		2
210	Large hook plate		1
211	Large puller handle retaining ring		2
212	Hexagon bolt	M6X6	6
213	Short spacer plate		4
214	Long rubber sheet		2
215	Short spacer plate		2

TROUBLE SHOOTING

Weight stack top plate and guide rod assembly is floating/not resting on weight stack plate:

The cable tension needs adjusting. There are 2 adjustment places. Either adjust the pulley that goes into weight stack by screwing it in/out of the top plate or by choosing a different bolt hole on the floating pulley. Refer to Step 7.

The base unit is not square or the smith machine is not resting on both sides:

Loosen all nuts and bolts and then retighten from the bottom up.

What if my Smith Machine is not smooth or drags on one side:

Ensure the unit is level and square. Clean and/or lubricate guide rods. Ensure guide rods are not bent or received any damage.

The cables are not smooth on one or both sides:

Ensure cables are ONLY touching the pulley wheels. Be sure cable routing is correct so that it is not going over or under bolts or the frame.

Ensure pulley wheels are not overtightened, and each wheel is able to move freely. Add lubrication to the bearings if necessary.

WARRANTY INFO

For warranty information please contact the dealer nearest to you.



<https://www.forceusa.com/locator>

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