

BRUTE[®]
force
AUSTRALIA

270PTM

ASSEMBLY MANUAL



PARTS LIST

Congratulations on purchasing the BRUTEforce® 270PTM Functional Training Machine.

By following the assembly procedure outlined in this manual will allow for correct and efficient way to assemble your machine.

Given the machine includes a large quantity of components, installation time will vary with different individuals. We recommend at least one and a half days should be set aside for the process. Two people will be required at times for installation.

If at any stage you have difficulties in interpreting the manual do not hesitate to contact one of our technicians for assistance, via email or face time. enquire@bruteforceaustralia.com

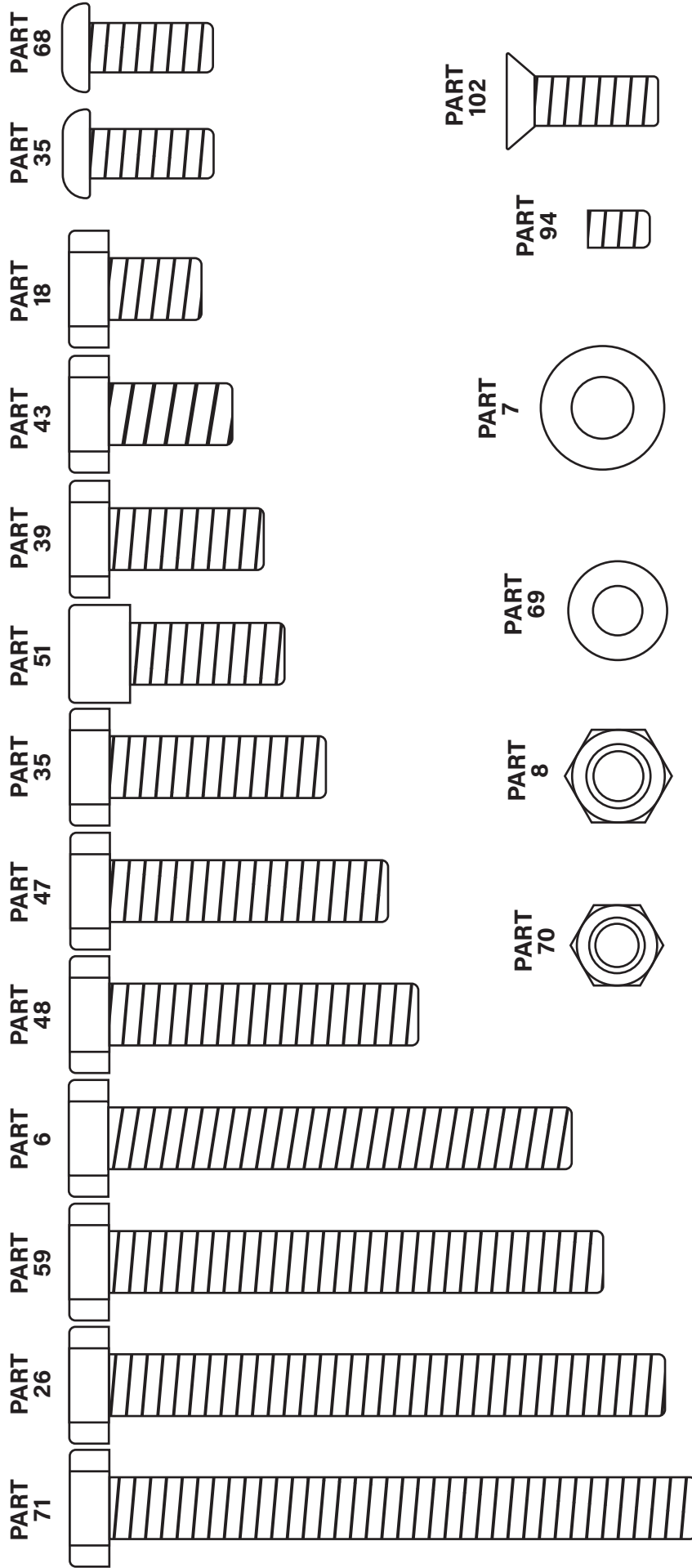
Enjoy your machine and all the best with your fitness goals.

Part #	Description	Quantity
1	Foot Plate	1
2A	Rear Upright Frame (L)	1
2B	Rear Upright Frame (R)	1
3A	Lower Bending Tube (L)	1
3B	Lower Bending Tube (R)	1
4	Upper Frame	1
5A	Upper Bending Tube (L)	1
5B	Upper Bending Tube (R)	1
6	Hex Bolt M10*75	60
7	Washer Ø10	230
8	Lock Nut M10	115
9	Chin Up Frame	1
10	Upper Plate	4
11A	Pulley Bracket Frame (L)	1
11B	Pulley Bracket Frame (R)	1
12A	Middle Upright (L)	1
12B	Middle Upright (R)	1
13A	Front Upright (L)	1
13B	Front Upright (R)	1
14	Lower Plate	4
15A	Front Pulley Slider (L)	1
15B	Front Pulley Slider (R)	1
16	Front Foot	2
17	Upper End Piece	2
18	Hex Bolt M10*15	12
19	Lower Guide Rod Bracket	2
20	Upper Guide Rod Bracket	2
21	Guide Rod	2
22	Rubber Cushion	4
23A	Bearing Casing (L)	1
23B	Bearing Casing (R)	1
24	Rubber Stopper	2
25A	Safety (L)	1
25B	Safety (R)	1
26	Hex Head Bolt M10*90	8
27	Outer Spacer	2
28	Inner Spacer	2
29	Olympic Sheath	2
30	Ring Spacer	2

Part #	Description	Quantity
31	Rubber Ring	2
32	End Cover	2
33	Circlip Ø38	2
34	Smith Bar	1
35	Button Head Bolt M8*20	2
36	Rear Upper Frame	1
37	Slider	1
38	Guide Rod	2
39	Hex Bolt M10*25	2
40	Pulley Bracket	1
41	Rear Lower Frame	1
42A	Weight Holder (L)	1
42B	Weight Holder (R)	1
43	Hex Bolt M10*20	28
44	Cable A (Approx. 2.65m)	2
45	Pulley	29
46	L-bracket	7
47	Hex Bolt M10*45	2
48	Hex Bolt M10*50	21
49	Counter Weight	2
50	Cable End A	11
51	Round Head Bolt M10*25	2
52	Cable End B	2
53	Cable B (Approx. 5m)	1
54	Floating Pulley Bracket	3
55	Tricep/Bicep Bar	1
56	Hex Bolt M10*35	6
57	Cable C (Approx. 4.25m)	2
58	Pulley Spacer	16
59	Hex Bolt M10*80	12
60	Cable D (Approx. 2m)	1
61	Cable Pulley Bracket	1
62	Cable E (Approx. 10m)	1
63	Board	1
64	Olympic Bar Holder	2
65	Landmine Attachment	1
66	Bushing	2
67	Clip	1
68	Button Head Bolt M8*20	4

Part #	Description	Quantity
69	Washer Ø8	8
70	Lock Nut M8	4
71	Hex Bolt M10*95	4
72A	Spotter Arm (L)	1
72B	Spotter Arm (R)	1
73	Anchoring System	1
74A	J-hook (L)	1
74B	J-hook (R)	1
75	Lat Par Attachment	1
76A	Dipping Handle (L)	1
76B	Dipping Handle (R)	1
77	D-handle	2
78	T-bar Row Handle	1
79	Pull Pin	1
80	Securing Pin	1
81	Rubber Foot	4
82	Plastic Sleeve Bushing	4
83	Bracket Pull Pin	2
84	Swivel Bracket	2
85	Bearing Ø32	4
86	Circlip Ø20	2
87	Handle Grip	2
88A	Smith Hook (L)	1
88B	Smith Hook (R)	1
89	Grub Screw M10	4
90	Bearing Ø46	4
91	Linear Bearing	6
92	Circlip Ø46	8
93	Smith Pin	24
94	Grub Screw M6	39
95	Ball Stopper	3
96	Ball	3
97	Cable End Cover	3
98	Carabiner	5
99	Hand Grip	4
100	Cushion	2
101	Plastic Washer	2
102	Counter Sunk Bolt M8*15	2
103	Plastic Cap	2
104	Flower Nut	2

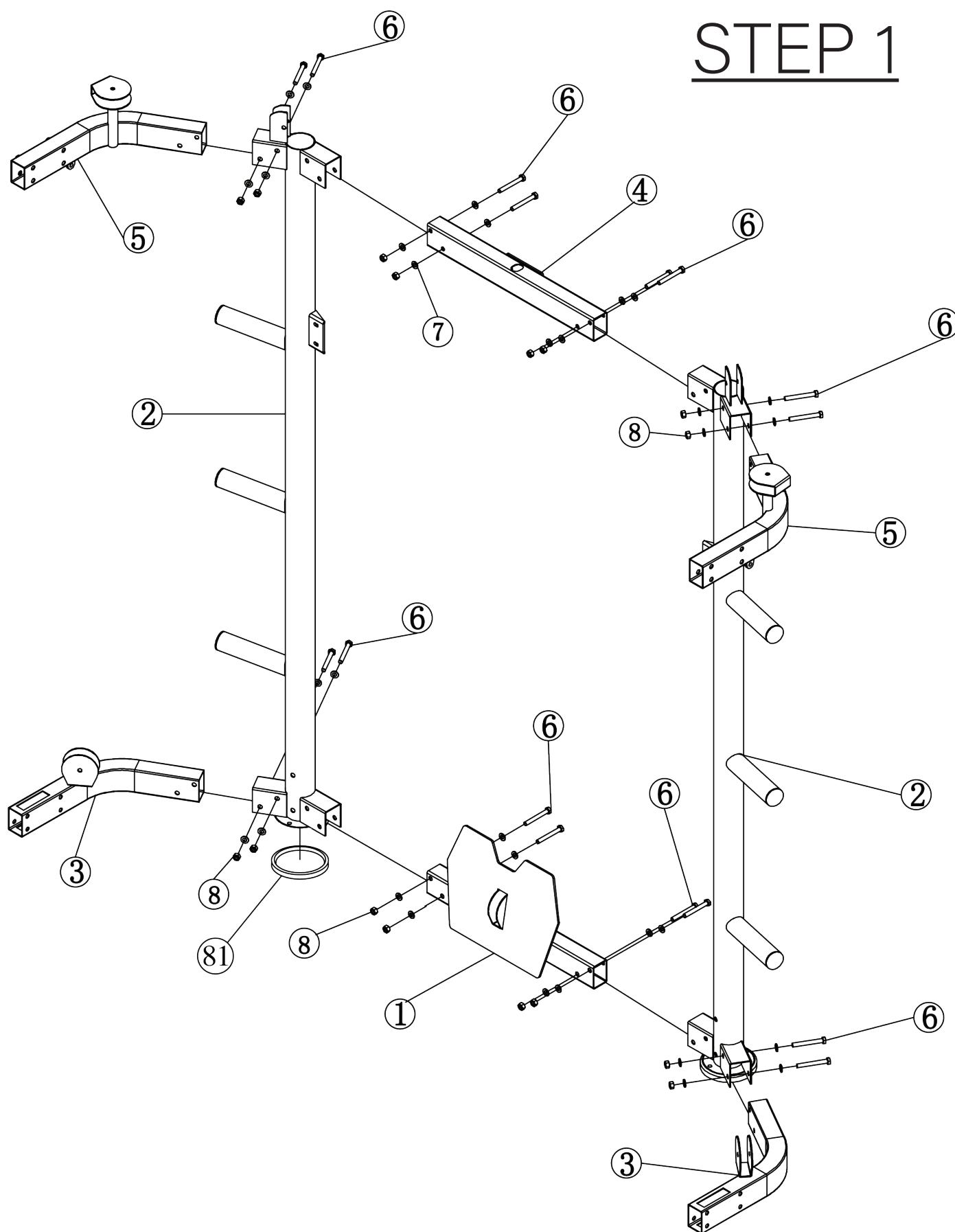
HARDWARE GUIDE



!! IMPORTANT !!

DO NOT FULLY TIGHTEN HARDWARE UNTIL FULLY ASSEMBLED. PLEASE NOTE THIS MANUAL SHOWS ALL COMPONENTS, SOME MAY BE PRE-ASSEMBLED.

STEP 1



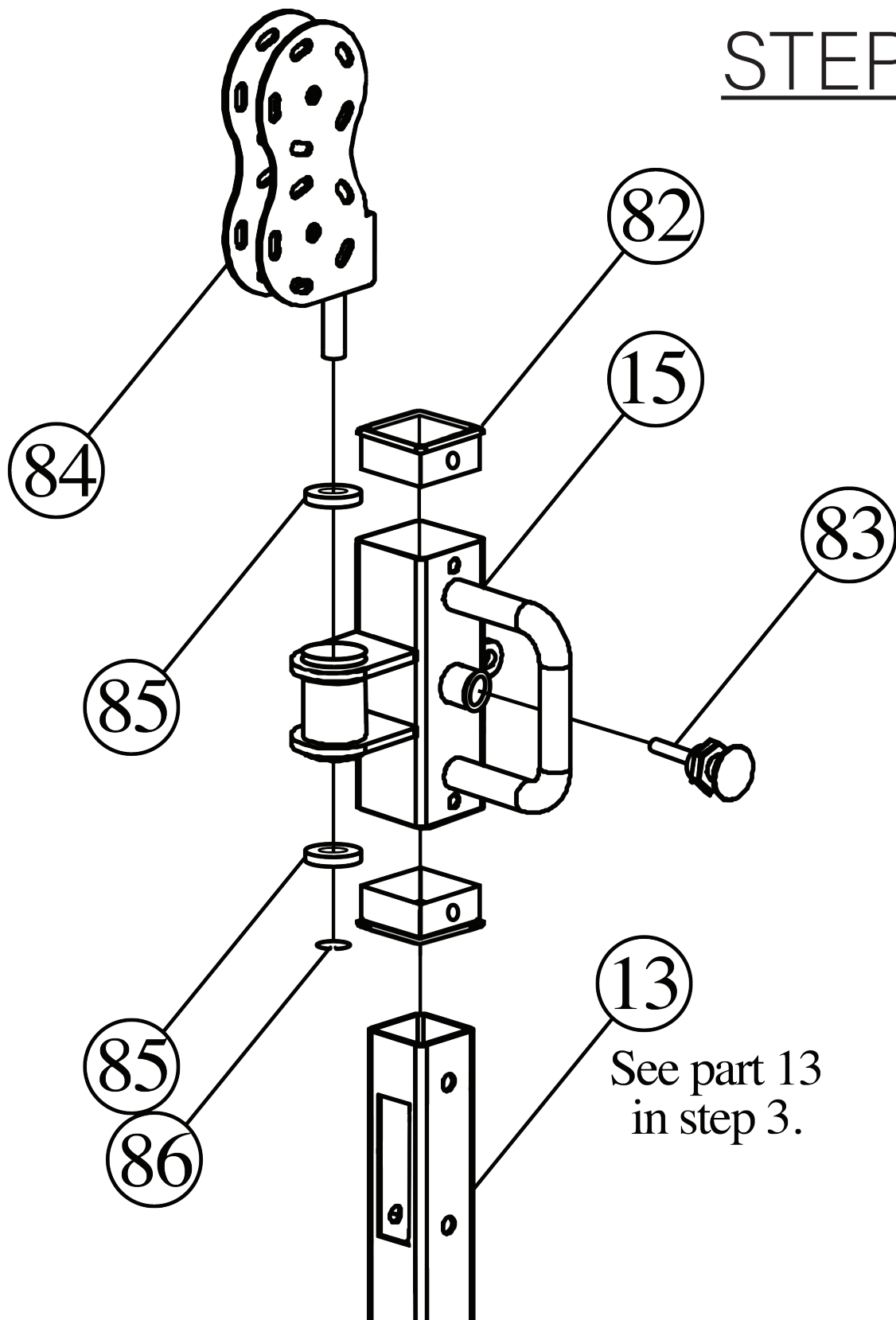
ASSEMBLY STEP 1

1. Fit Rubber Feet (81) onto bottom of Rear Upright (2A, 2B)
2. Fix Lower Bending Tubes (3A, 3B) to Rear Uprights (2A, 2B) using Hex Bolts M10*75 (6), Washers Ø10 (7), Lock Nut M10 (8)
3. Fix Foot Plate (1) to Rear Uprights (2A, 2B) using Hex Bolts M10*75 (6), Washers Ø10 (7), Lock Nut M10 (8)
4. Fix Upper Bending Tubes (5A, 5B) to Rear Uprights (2A, 2B) using Hex Bolts M10*75 (6), Washers Ø10 (7), Lock Nut M10 (8)
5. Fix Upper Frame (4) to Rear Uprights (2A, 2B) using Hex Bolts M10*75 (6), Washers Ø10 (7), Lock Nut M10 (8)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
1	Front Upright	1
2	Rear Upright Frame	2 (A,B)
3	Lower Bending Tube	2 (A,B)
4	Upper Frame	1
5	Upper Bending Tube	2 (A,B)
6	Hex Bolt M10*75	16
7	Washer Ø10	32
8	Lock Nut M10	16
81	Rubber Foot	2

STEP 2



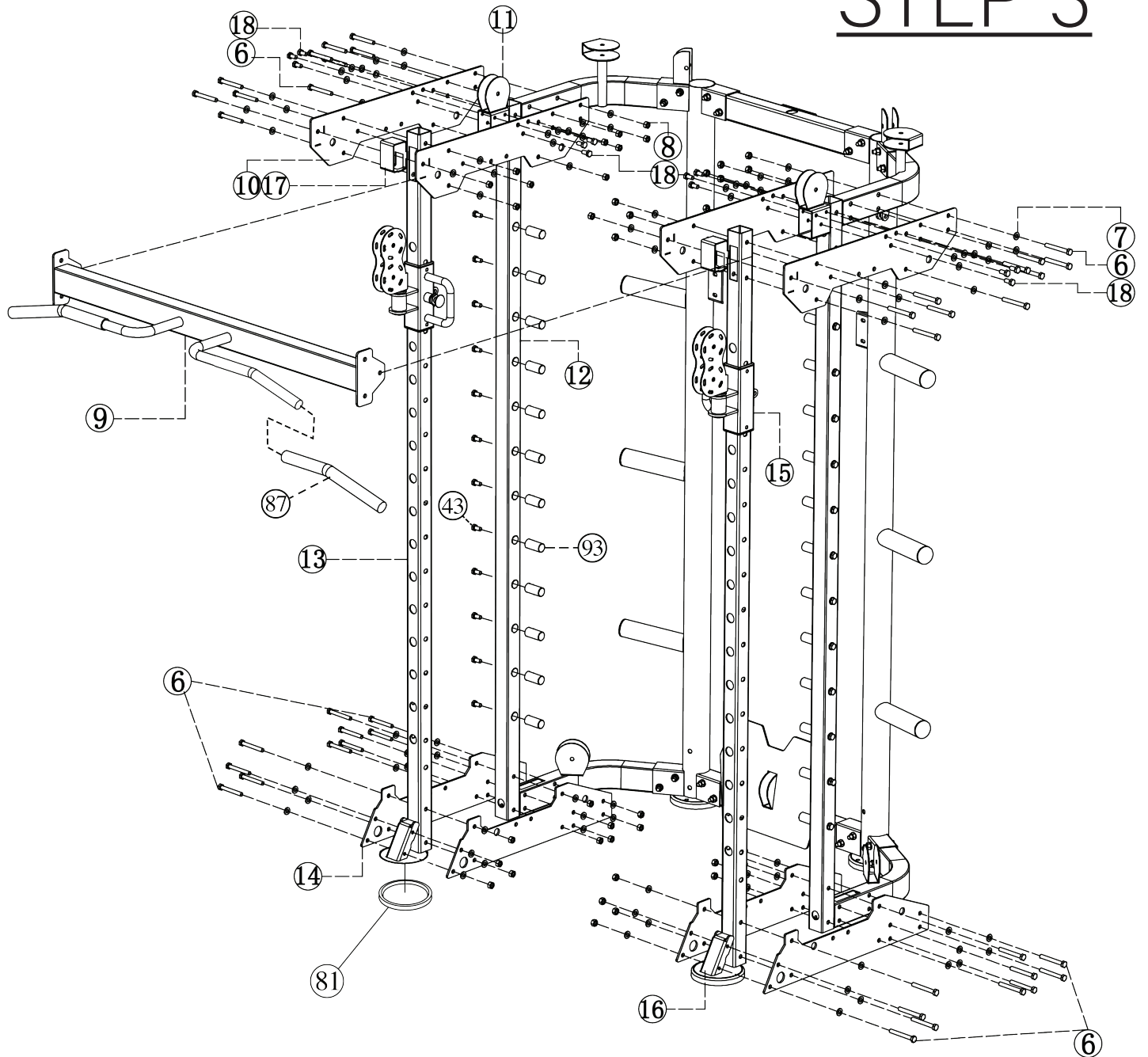
ASSEMBLY STEP 2

1. Insert Plastic Sleeve Bushings (82) into Front Pulley Sliders (15A, 15B)
2. Fit Bearings Ø32 (85) into Front Pulley Sliders (15A, 15B)
3. Slide Swivel Bracket (84) into Front Pulley Sliders (15A, 15B) and secure with Circlip Ø20 (86)
4. Fit Bracket Pull Pin (83) into Front Pulley Sliders (15A, 15B)
5. Slide Front Pulley Sliders (15A, 15B) on to Front Uprights (13A, 13B)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
13	Front Upright	2 (A,B)
15	Front Pulley Slider	2 (A,B)
82	Plastic Sleeve Bushing	4
83	Bracket Pull Pin	2
84	Swivel Bracket	2
85	Bearing Ø32	4
86	Circlip Ø20	2

STEP 3



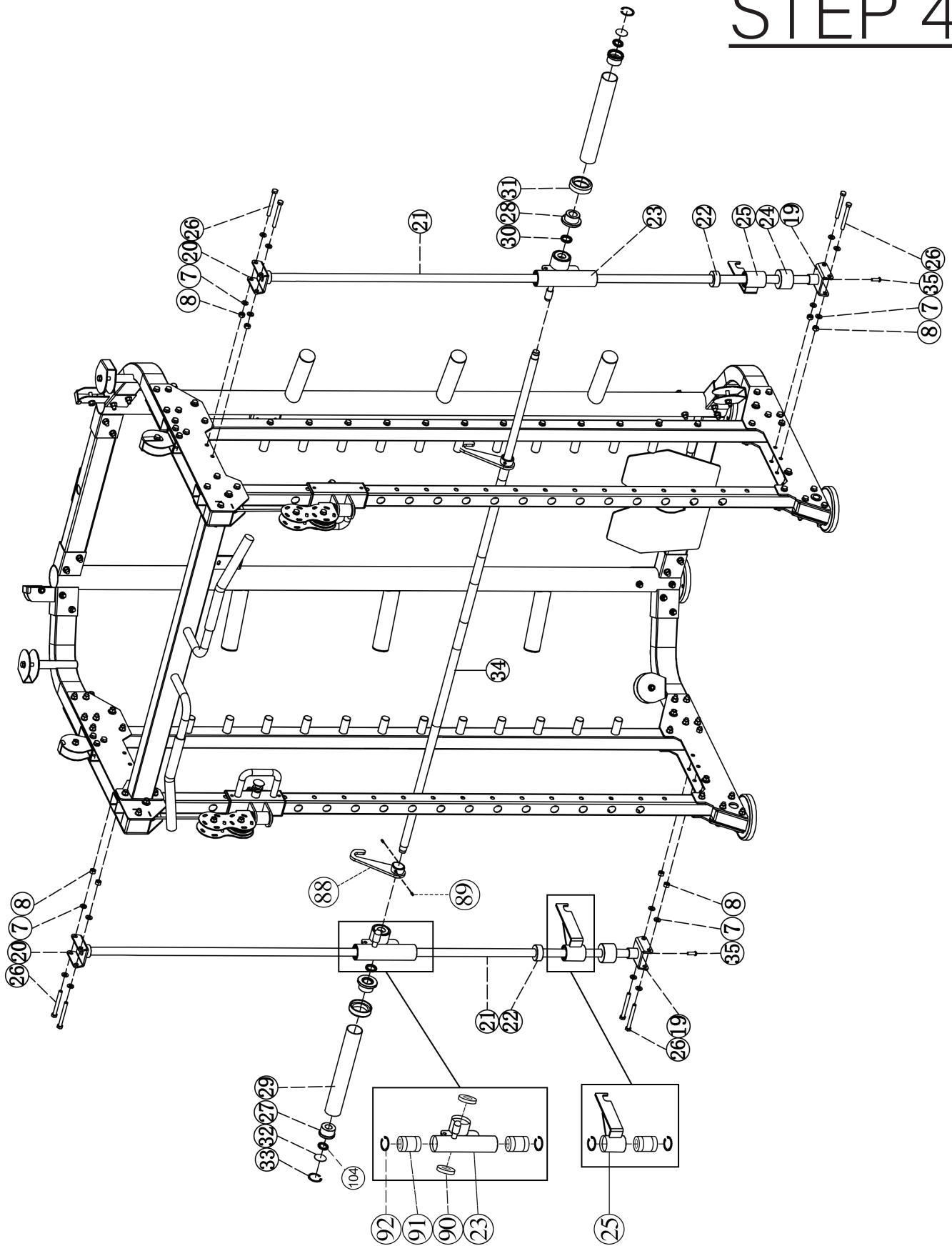
ASSEMBLY STEP 3

1. Fit Rubber Feet (81) onto bottom of Front Feet (16)
2. Fit Handle Grips (87) on to Chin Up Frame (9)
3. Fix Middle Uprights (12A, 12B), Front Uprights (13A, 13B), Front Feet (16) and Lower Plates (14) to Lower Bending Tubes (3A, 3B) using Hex Bolts M10*75 (6), Washers Ø10 (7) and Lock Nuts M10 (8)
4. Fix Middle Uprights (12A, 12B), Front Uprights (13A, 13B), Pulley Bracket Frames (11A, 11B), Upper End Pieces (17), Chin Up Frame (9) and Upper Plates (10) to Upper Bending Tubes (5A, 5B) using Hex Bolts M10*75 (6), Hex Bolts M10*15 (18), Washers Ø10 (7), and Lock Nuts M10 (8)
5. Fit Smith Pins (93) into Middle Uprights (12A, 12B) using Hex Bolts M10*20 (43)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
9	Chin Up Frame	1
10	Upper Plate	4
11	Pulley Bracket Frame	2 (A,B)
12	Middle Upright	2 (A,B)
13	Front Upright	2 (A,B)
14	Lower Plate	4
15	Front Pulley Slider	2 (A,B)
16	Front Foot	2
17	Upper End Piece	2
18	Hex Bolt M10*15	12
6	Hex Bolt M10*75	40
7	Washer Ø10	92
8	Lock Nut M10	40
87	Handle Grip	2
43	Hex Bolt M10*20	24
93	Smith Pin	24
81	Rubber Foot	2

STEP 4



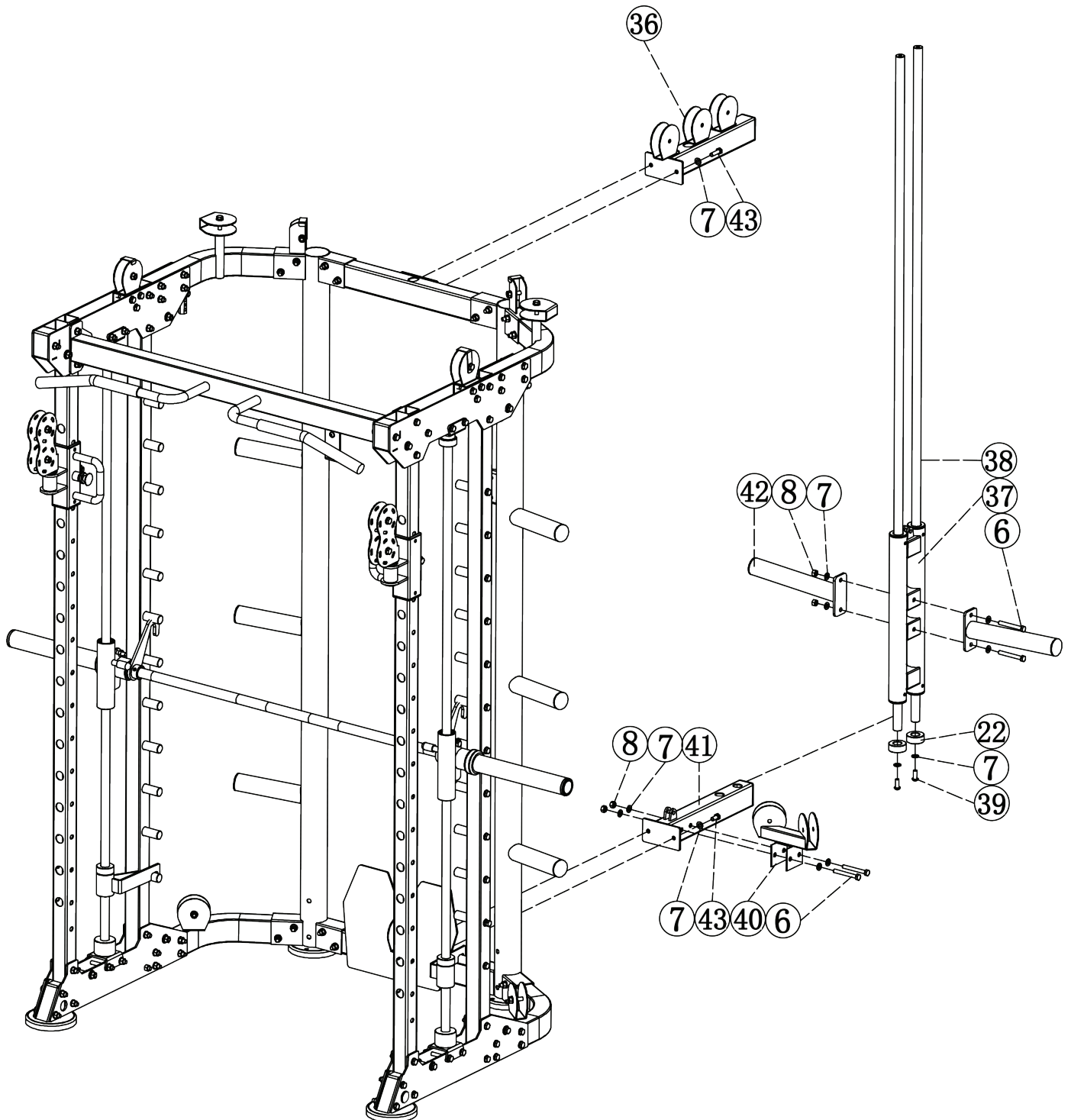
ASSEMBLY STEP 4

1. Slide Smith Hooks (88A, 88B) onto Smith Bar (34) and secure with Grub Screws M10 (89)
Fit Linear Bearings (91) into Bearing Casings (23A, 23B) and Safeties (25A, 25B) and
2. secure with Circlips Ø46 (92)
3. Fit Bearings Ø46 (90) into Bearing Casings (23A, 23B)
4. Slide Bearing Casings (23A, 23B), Ring Spacers (30), Inner Spacers (28), Olympic Sheaths (29), Rubber Rings (31) and Outer Spacers (27) onto Smith Bar (34) and secure with Flower Nuts (104), End Covers (32) and Circlips Ø38 (33)
5. Fix Lower Guide Rod Brackets (19) and Upper Guide Rod Brackets (20) to Lower Plates (14) and Upper Plates (10) using Hex Bolts M10*90 (26), Washers Ø10 (7) and Lock Nuts M10 (8)
6. Slide Guide Rod (21) through Upper Guide Rod Brackets (20)
7. Slide Bearing Casings (23A, 23B), Rubber Cushions (22), Safeties (25) and Rubber Stoppers (24) onto Guide Rods (21)
8. Lower Guide Rods (21) into Lower Guide Rod Bracket (19) and fix with Botton Head Bolts M8*20 (35)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
19	Lower Guide Rod Bracket	2
20	Upper Guide Rod Bracket	2
21	Guide Rod	2
22	Rubber Cushion	2
23A	Bearing Casing	2 (A,B)
24	Rubber Stopper	2
25A	Safety	2 (A,B)
26	Hex Head Bolt M10*90	8
7	Washer Ø10	16
8	Lock Nut M10	8
27	Outer Spacer	2
28	Inner Spacer	2
29	Olympic Sheath	2
30	Ring Spacer	2
31	Rubber Ring	2
32	End Cover	2
33	Circlip Ø38	2
34	Smith Bar	1
35	Button Head Bolt M8*20	2
88	Smith Hook	2 (A,B)
89	Grub Screw M10	4
90	Bearing Ø46	4
91	Linear Bearing	6
92	Circlip Ø46	8
104	Flower Nut	2

STEP 5



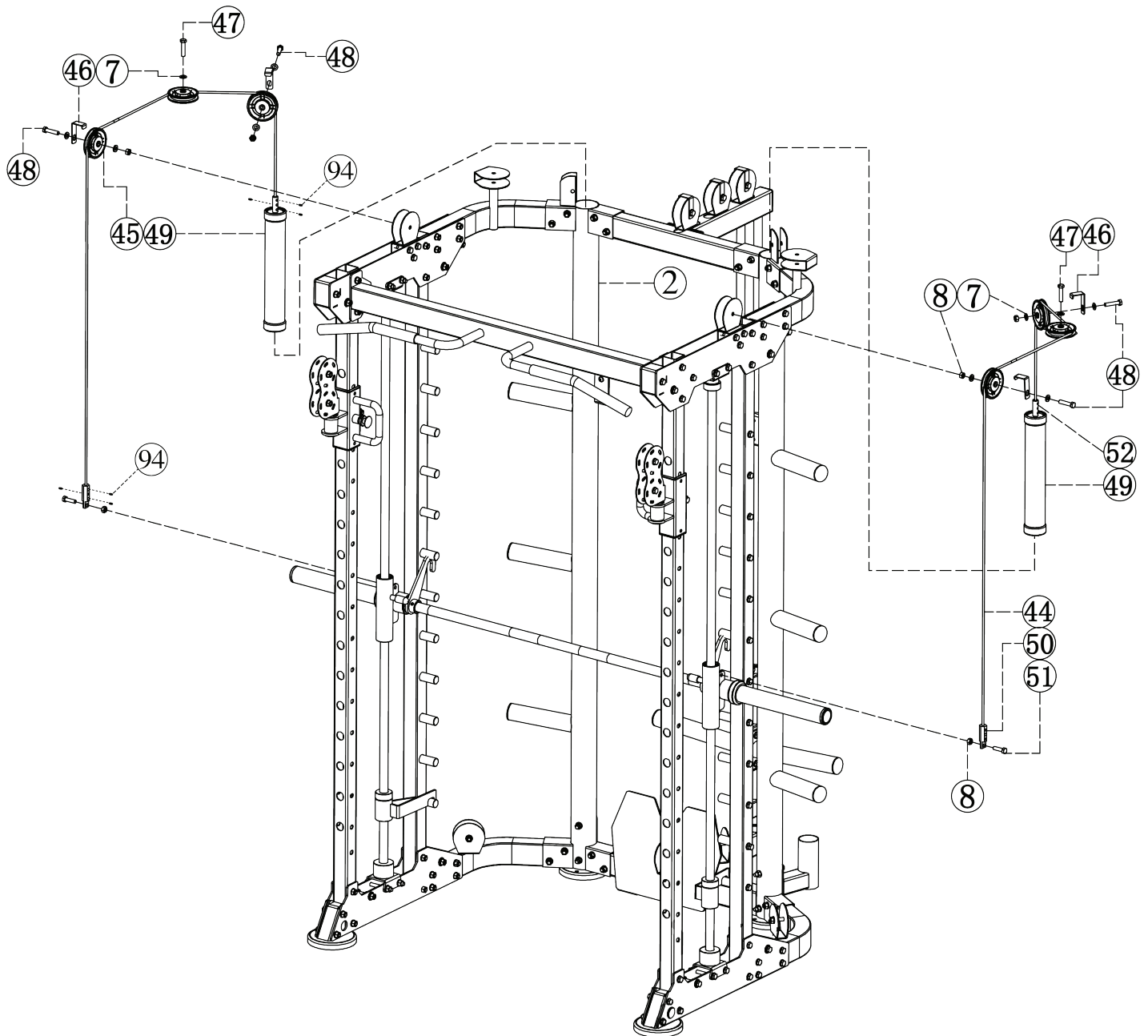
ASSEMBLY STEP 5

1. Fix Rear Lower Frame (41) to Foot Plate (1) using Hex Bolt M10*20 (43) and Washers Ø10 (7)
2. Fix Pulley Bracket (40) to Rear Lower Frame (41) using Hex Bolts M10*75 (6), Washers Ø10 (7) and Lock Nuts M10 (8)
3. Slide Slider (37) and Rubber Cushions (22) onto Guide Rods (38)
4. Insert Guide Rods (38) into Rear Lower Frame (41) and secure with Hex Bolt M10*25 (39) and Washers Ø10 (7)
5. Fix Weight Holders (42A, 43B) onto Slider (37) using Hex Bolt M10*75 (6), Washers Ø10 (7) and Lock Bolts M10 (8)
6. Fit Rear Upper Frame (36) onto Guide Rods (38) and fix to Upper Frame (4) using Hex Bolts M10*20 (43)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
36	Rear Upper Frame	1
37	Slider	1
38	Guide Rod	2
22	Rubber Cushion	2
39	Hex Bolt M10*25	2
7	Washer Ø10	2
40	Pulley Bracket	1
41	Rear Lower Frame	1
42	Weight Holder	2 (A,B)
43	Hex Bolt M10*20	4
6	Hex Bolt M10*75	4
7	Washer Ø10	12
8	Lock Nut M10	4

STEP 6



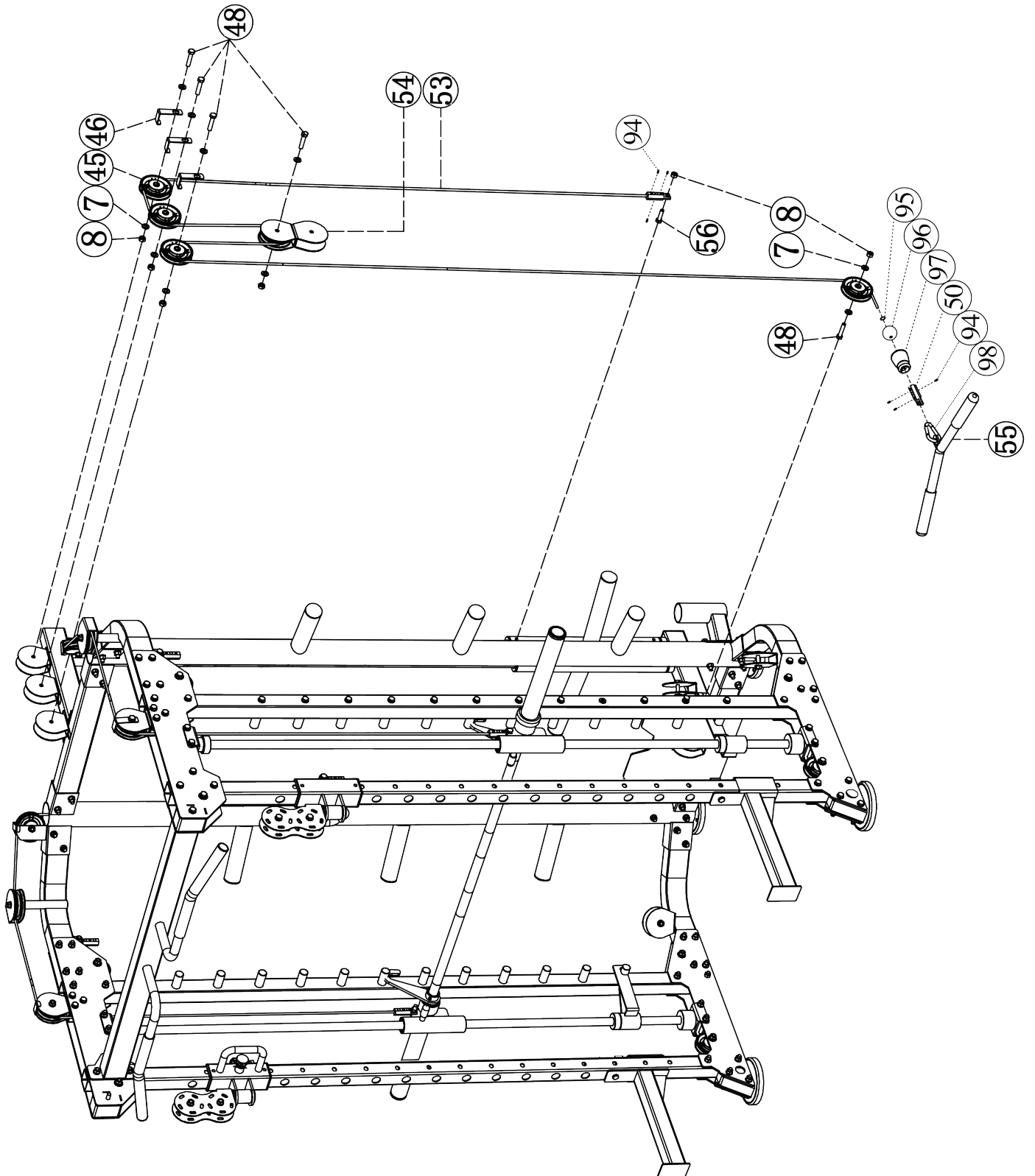
ASSEMBLY STEP 6

1. Fix Cable Ends B (52) to Counter Weights (49)
2. Secure Cables A (44) to Cable End B (52) using Grub Screw M6 (94)
3. Fix Pulleys (45) and L-brackets (46) to Upper Bending Tubes (5A, 5B) and Pulley Bracket Frames (11) using Hex Bolts M10*45 (47), Hex Bolts M10*50 (48), Washers Ø10 (7) and Lock Nuts M10 (8)
4. Fix Cable Ends A (50) to Bearing Casings (23A, 23B) using Round Head Bolts M10*25 (51)
5. Insert counter weights (49) into rear upright posts (2A, 2B)
6. Feed Cables A (44) through cable path and secure to Cable End A (50) using Grub Screws M6 (94)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
44	Cable A (Apprx. 2.65m)	2
45	Pulley	6
46	L-bracket	4
47	Hex Bolt M10*45	2
48	Hex Bolt M10*50	4
7	Washer Ø10	10
8	Lock Nut M10	4
49	Counter Weight	2
50	Cable End A	2
51	Round Head Bolt M10*25	2
8	Lock Nut M10	2
52	Cable End B	2
94	Grub Screw M6	12

STEP 7



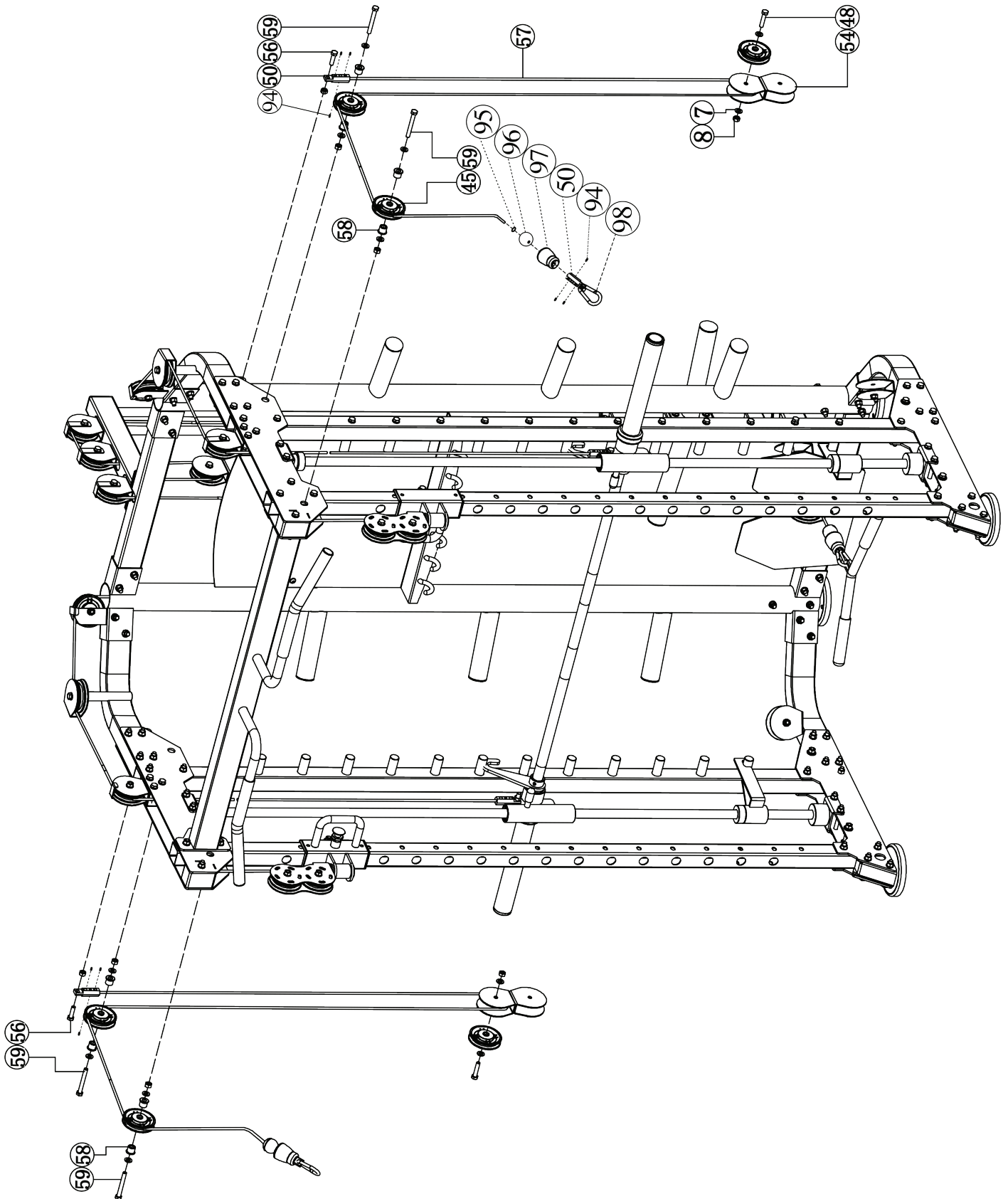
ASSEMBLY STEP 7

1. Slide Ball Stopper (95), Ball (96) and Cable End Cover (97) onto Cable B (53) and then secure Cable B (53) to Cable End A (50) using Grub Screws M6 (94)
2. Fix Pulleys (45) and L-brackets (46) to Foot Plate (1), Rear Upper Frame (36) and Floating Pulley Bracket (54) using Hex Bolts M10*50 (48), Washers Ø10 (7) and Lock Nuts M10 (8)
3. Fix Cable End A (50) to Slider (37) using Hex Bolt M10*35 (56), Washers Ø10 (7) and Lock Nut M10 (8)
4. Feed Cable B (44) through cable path and secure to Cable End A (50) using Grub Screws M6 (94)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
53	Cable B (Approx. 5m)	1
54	Floating Pulley Bracket	1
55	Tricep/Bicep Bar	1
45	Pulley	5
46	L-bracket	3
48	Hex Bolt M10*50	5
7	Washer Ø10	10
8	Lock Nut M10	6
56	Hex Bolt M10*35	1
50	Cable End A	3
94	Grub Screw M6	6
95	Ball Stopper	1
96	Ball	1
97	Cable End Cover	1
98	Carabiner	1

STEP 8



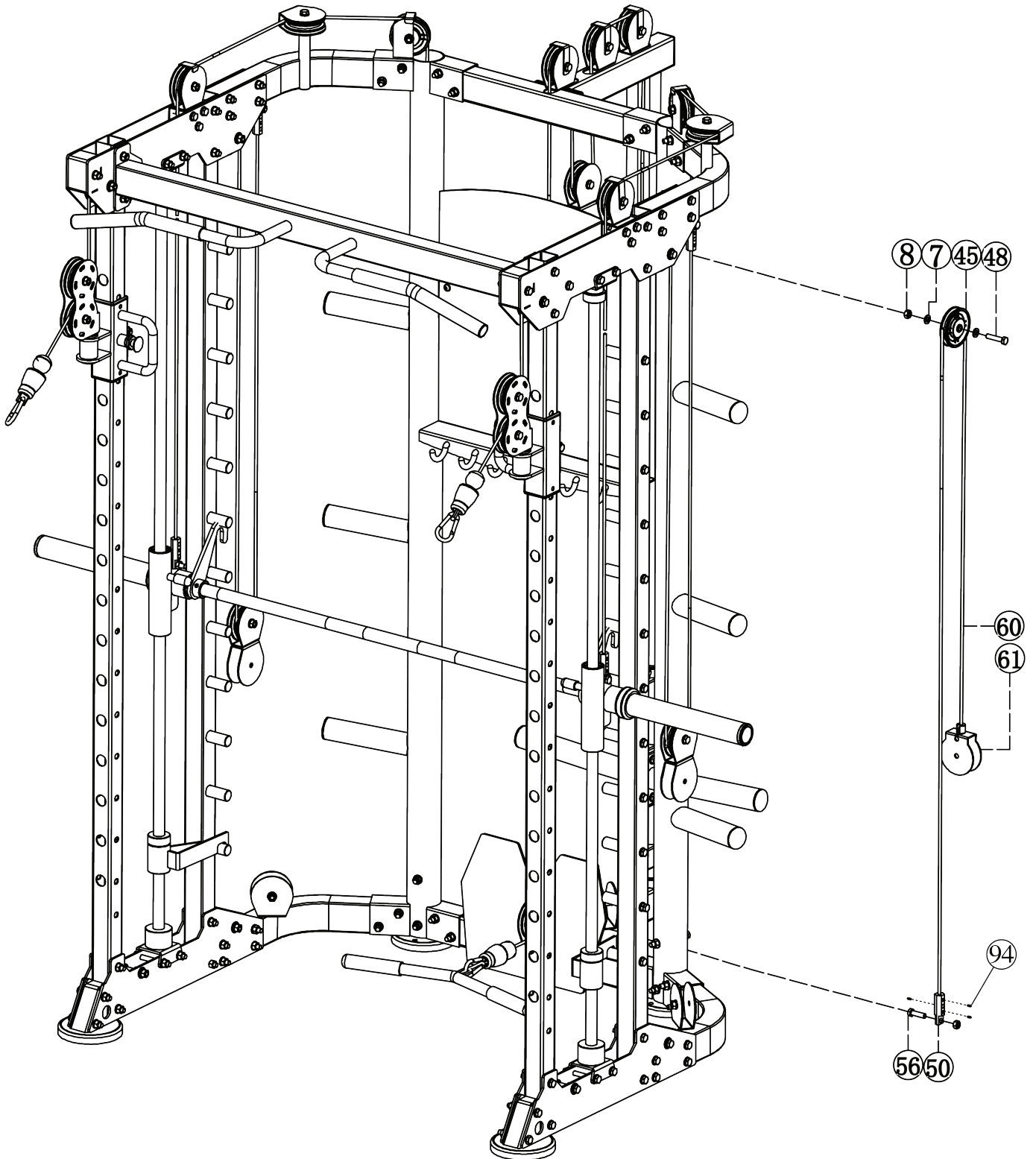
ASSEMBLY STEP 8

1. Slide Ball Stopper (95), Ball (96) and Cable End Cover (97) onto Cables C (57) and then secure Cables B (53) to Cable End A (50) using Grub Screws M6 (94)
2. Fix Pulleys (45) to Upper Plates (10) and Floating Pulley Bracket (54) using Hex Bolts M10*80 (59), Hex Bolts M10*50 (48), Pulley Spacers (58), Washers Ø10 (7) and Lock Nuts M10 (8)
3. Fix Cable Ends A (50) to Upper Bending Tubes (5A, 5B) using Hex Bolt M10*35 (56), Washers Ø10 (7) and Lock Nut M10 (8)
4. Feed Cables C (57) through cable path and secure to Cable End A (50) using Grub Screws M6 (94)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
57	Cable C (Approx. 4.25m)	2
58	Pulley Spacer	8
45	Pulley	6
50	Cable End A	6
54	Floating Pulley Bracket	2
48	Hex Bolt M10*50	2
59	Hex Bolt M10*80	4
56	Hex Bolt M10*35	2
7	Washer Ø10	12
8	Lock Nut M10	8
94	Grub Screw M6	4
95	Ball Stopper	12
96	Ball	2
97	Cable End Cover	2
98	Carabiner	2

STEP 9



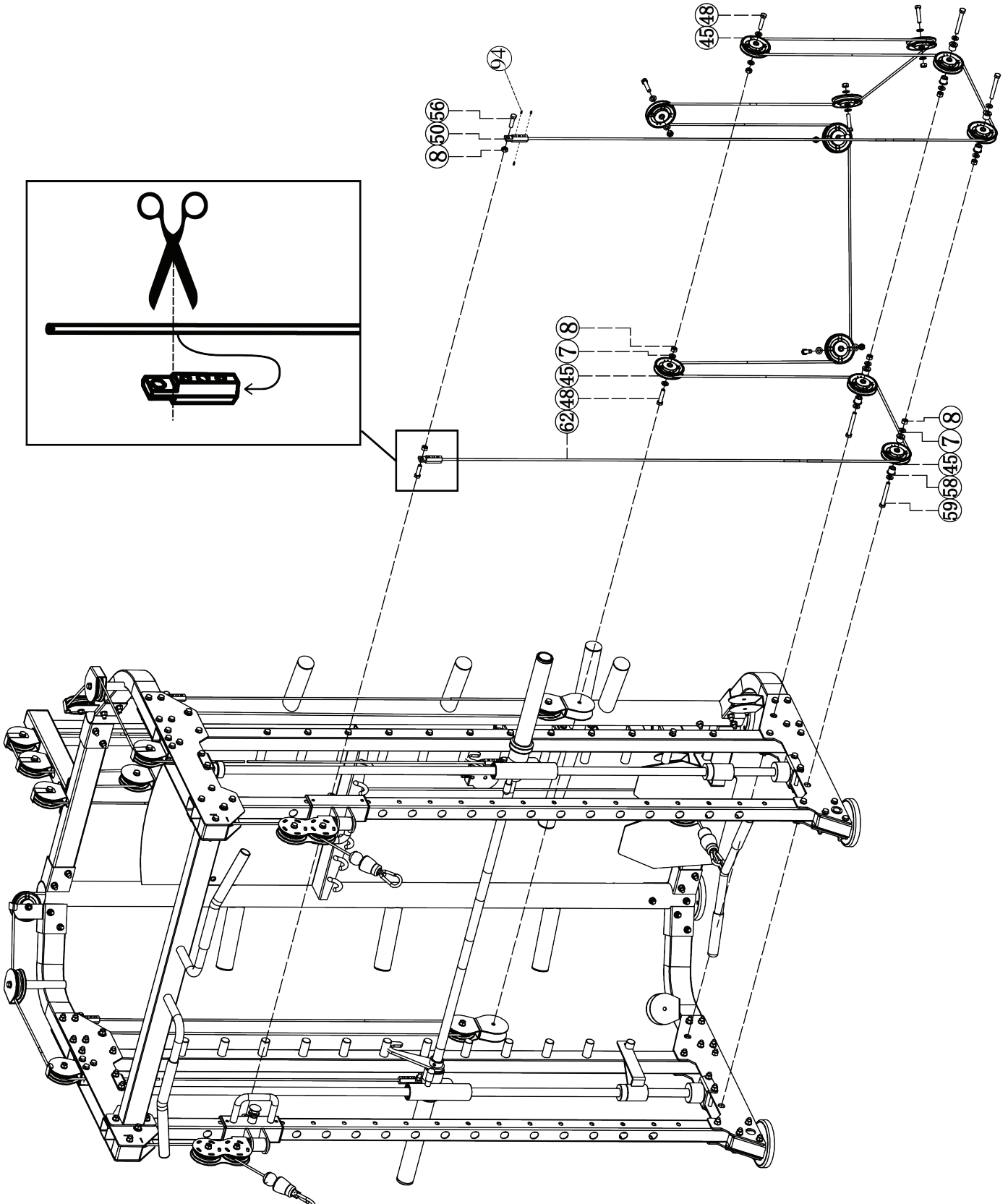
ASSEMBLY STEP 9

1. Secure Cable D (60) to Cable Pulley Bracket (61)
2. Fix Pulley (45) to Floating Pulley Bracket (54) using Hex Bolt M10*50 (48), Washers Ø10 (7) and Lock Nut M10 (8)
3. Fix Cable End A (50) to Rear Lower Frame (41) using Hex Bolt M10*35 (56), Washers Ø10 (7) and Lock Nut M10 (8)
4. Feed Cable D (60) through cable path and secure to Cable End A (50) using Grub Screws M6 (94)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
60	Cable D (Approx. 2m)	1
61	Cable Pulley Bracket	1
45	Pulley	1
50	Cable End A	1
48	Hex Bolt M10*50	1
56	Hex Bolt M10*35	1
7	Washer Ø10	2
8	Lock Nut M10	2
94	Grub Screw M6	3

STEP 10



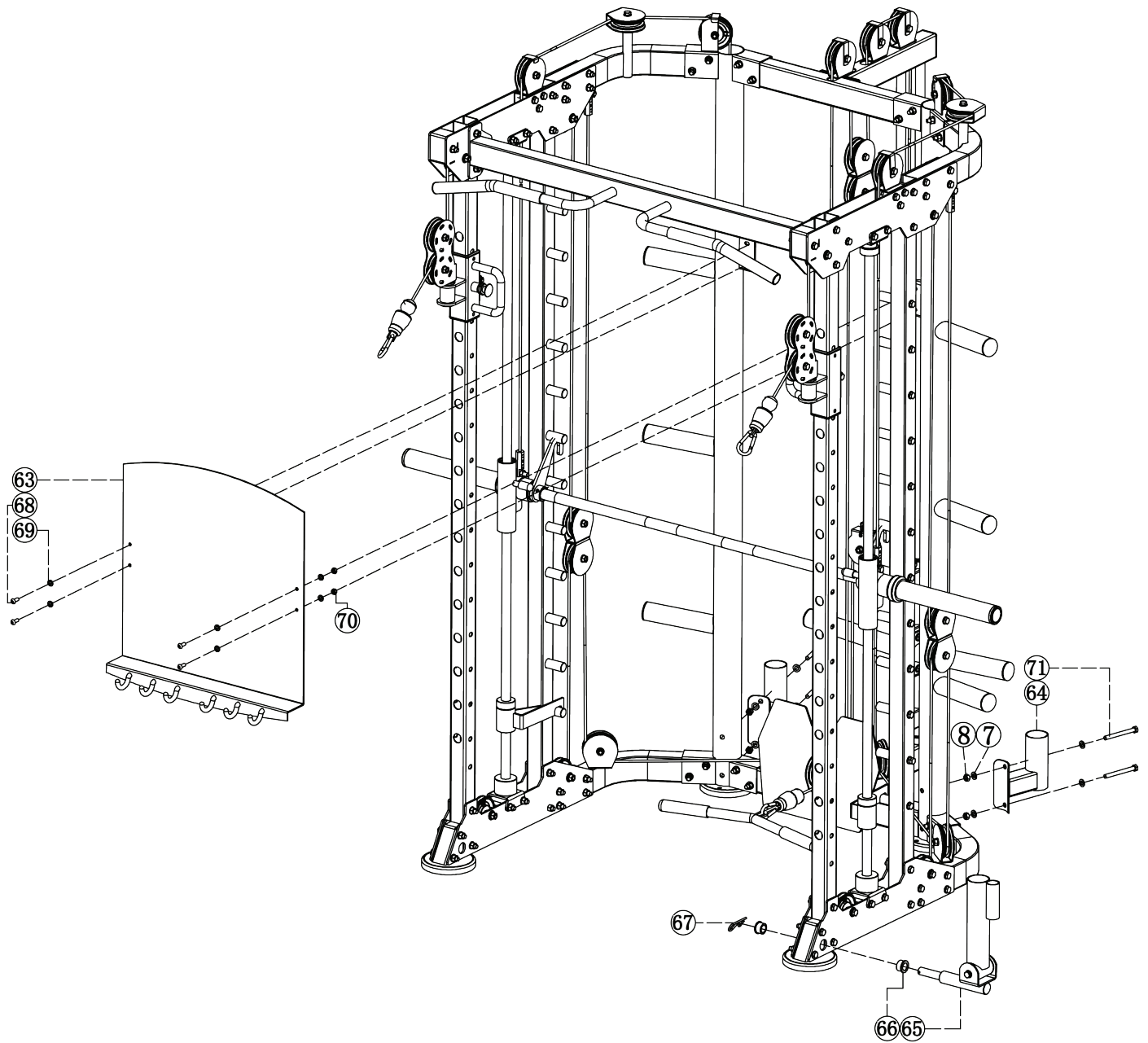
ASSEMBLY STEP 10

1. Fix Pulleys (45) to Lower Plates (14), Lower Bending Tubes (3A, 3B), Floating Pulley Brackets (54) and Pulley Bracket (40) using Hex Bolts M10*50 (48), Hex Bolts M10*80 (59), Pulley Spacers (58), Washers Ø10 (7) and Lock Nuts M10 (8)
2. Fix Cable Ends A (50) to Front Pulley Sliders (15A, 15B) using Hex Bolt M10*35 (56), Washers Ø10 (7) and Lock Nut M10 (8)
3. Secure ONE END of Cable E (62) to Cable End A (50) on Front Pulley Slider (15A) using Grub Screws M6 (94)
4. Feed Cable E (62) through cable path until unsecured end is at termination point. Check all Cables are running correctly on all pulleys. Pull Cable E (62) until cable is
5. under desired tension, then mark the correct length of the cable if it were to secure into Cable End A (50) on Front Pulley Slider (15B). Cut Cable.
6. Secure cut end of Cable E (62) to Cable End A (50) on Front Pulley Slider (15B) using Grub Screws M6 (94)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
62	Cable E (Approx. 10m)	1
45	Pulley	11
58	Pulley Spacer	8
50	Cable End A	4
48	Hex Bolt M10*50	7
56	Hex Bolt M10*35	2
59	Hex Bolt M10*80	4
7	Washer Ø10	22
8	Lock Nut M10	13
94	Grub Screw M6	6

STEP 11



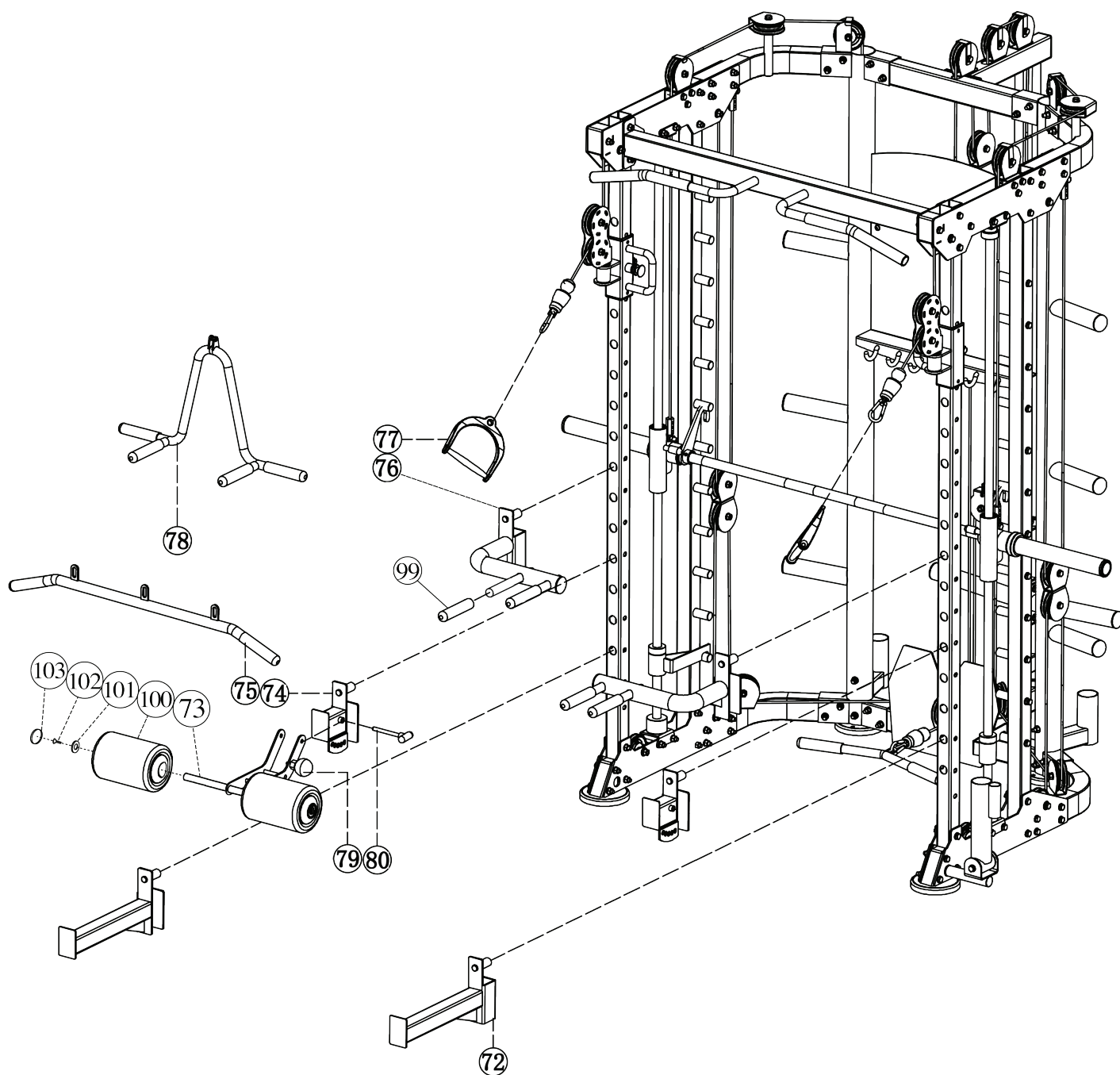
ASSEMBLY STEP 11

1. Fix Board (63) to Rear Uprights (2A, 2B) using Button Head Bolts M8*20 (68), Washers Ø8 (69) and Lock Nuts M8 (70)
2. Fix Olympic Bar Holders (64) to Rear Uprights (2A, 2B) using Hex Bolts M10*95 (71), Washers Ø10 (7) and Lock Nut M10 (8)
3. Slide Landmine Attachment (65) through Bushings (66) and Lower Plates (14) and secure with Clip (67)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
63	Board	1
64	Olympic Bar Holder	2
65	Landmine Attachment	1
66	Bushing	2
67	Clip	1
68	Button Head Bolt M8*20	4
69	Washer Ø8	8
70	Lock Nut M8	4
71	Hex Bolt M10*95	4
7	Washer Ø10	8
8	Lock Nut M10	4

STEP 12



ASSEMBLY STEP 12

1. Fit Cushions (100) on to Anchoring System (73) and secure using Counter Sunk Bolt M8*15 (102), Plastic Washer (101) and Plastic Cap (103)
2. Fit Hand Grips (99) to Dipping Handles (76A, 76B)

PARTS REQUIRED FOR THIS STEP

Part #	Description	QTY
72B	Spotter Arm	2 (A,B)
73	Anchoring System	1
74	J-hook	2 (A,B)
75	Lat Par Attachment	1
76	Dipping Handle	2 (A,B)
77	D-handle	2
78	T-bar Row Handle	1
79	Pull Pin	1
80	Securing Pin	1
100	Cushion	2
101	Plastic Washer	2
102	Counter Sunk Bolt M8*15	2
103	Plastic Cap	2

! WARNING

YOU MUST FOLLOW THESE PRECAUTIONS TO AVOID INJURY. SERIOUS INJURY CAN OCCUR ON THIS EQUIPMENT.

1. Before using, read all the warnings and precautionary instructions for the use of this machine. Use only for exercise intended. **DO NOT** modify this machine.
2. Consult a physician prior to use.
3. Keep clothing and body parts free from all moving parts.
4. Fully inspect machine before use. **DO NOT** use if broken or damaged. **DO NOT** attempt to repair. Notify professional immediately.
5. Be certain that all securing and safety pins are completely inserted and tightened during use. Use only the pins provided by the manufacturer. If unsure seek assistance.
6. Inspect all parts of the machine including cables and pulleys for wear and or damage prior to use. **DO NOT** attempt to fix, seek professional assistance.
7. Children are not allowed near this machine. Teenagers need to be supervised.
8. **DO NOT REMOVE THIS LABEL OR ANY OTHERS. REPLACE IF DAMAGED.**

270PTM
BRUTEforce® AUSTRALIA

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