

IFP1622

Standing Hip Abductor

OWNER'S MANUAL

22D

CAUTION! Read all precautions and instructions in this manual before using this equipment.

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Important Safety Instructions

Before beginning any fitness program, you should obtain a complete physical examination from your physician. When using exercise equipment, basic precautions should always be taken, including the following:

1. Read all instructions before using the equipment.
These instructions are written to ensure your safety and to protect the unit.
2. Use the equipment only for its intended purpose as described in this guide.
Do not use accessory attachments that are not recommended by the manufacturer: such attachments might cause injuries.
3. The product should only be used on a level surface and is with 0.6 meters space around the product.
Do not use the equipment outdoors.
4. Do not allow children on or near the equipment. And children are not allowed to use this equipment.
Teenagers should use this equipment with adult supervision.
5. Do not overexert yourself or work to exhaustion.
Do not attempt to lift more weight than you can control safely.
If you feel any pain or abnormal symptoms, stop your workout immediately and consult your physician.
6. This equipment is not used as medical apparatus and instruments.
7. Never operate the unit when it has been dropped or damaged.
Never drop or insert anything into any opening in the equipment.
Always check the unit and its cables before each use. Make sure that all fasteners and cables are secure and in good working condition.
Frayed or worn cables can be dangerous and may cause injury. Periodically check these cables for any indication of wear.
Keep hands, limbs, loose clothing and long hair well out of the way of moving parts.
8. Be careful when getting on or off the equipment.
9. Wear proper exercise clothing and shoes for your workout, no loose clothing.

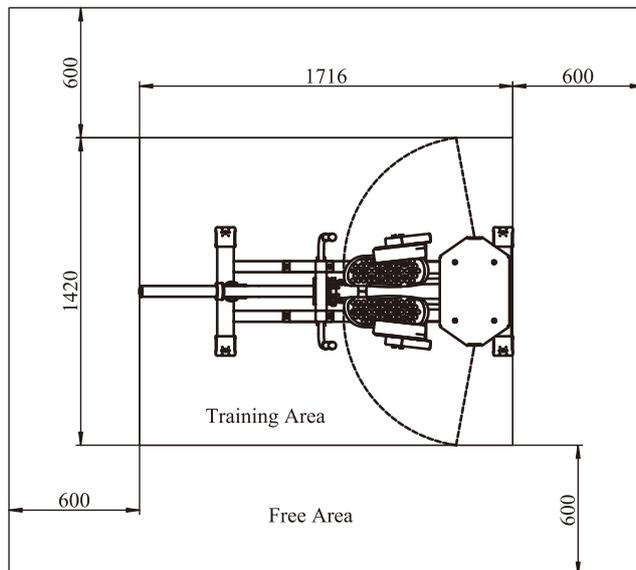
Important Safety Instructions

Personal Safety During Assembly

Read each step in the assembly instructions and follow the steps in sequence. Do not skip ahead. If you skip ahead, you may learn later that you have to disassemble components and that you may have damaged the equipment.

Assemble and operate the equipment on a solid, level surface. Locate the unit a few feet from walls or furniture to provide easy access. The equipment is designed for your enjoyment. By following these precautions and using common sense, you will have many safe and pleasurable hours of healthful exercise with the equipment.

Training Area and Free Area



Specifications

Class: S

Maximum Wt. Capacity: 150kg/ 330lbs

Maximum User Weight: 150kg/ 330lbs

Product Dimension: 1716*592*1280mm

Product Total Surface: 1716*1420mm

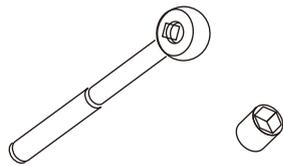
Product Total Mass:

Instructions

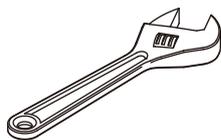
Before beginning assembly please take the time to read instructions thoroughly. Please use the various lists in this manual to make sure that all parts have been included in your shipment. When ordering, use part number and description from the lists. Use only our replacement part when servicing. Failure to do so will void your warranty and could result in personal injury.

The equipment is designed to provide the smoothest, most effective exercise motion possible. After assembly, you should check all functions to ensure correct operation. If you experience problems, first recheck the assembly instructions to locate any possible errors made during assembly. If you are unable to correct the problem, call your authorized dealer. Be sure to have your serial number and this manual when calling. When all parts have been accounted for, continue on.

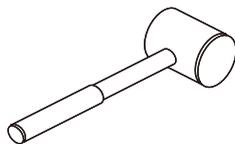
Tools Required



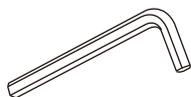
Ratchet Wrench and Socket



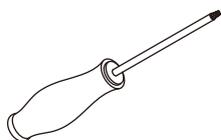
Adjustable Wrench



Rubber Mallet



Hex Key Wrench Set



Phillips Screwdriver

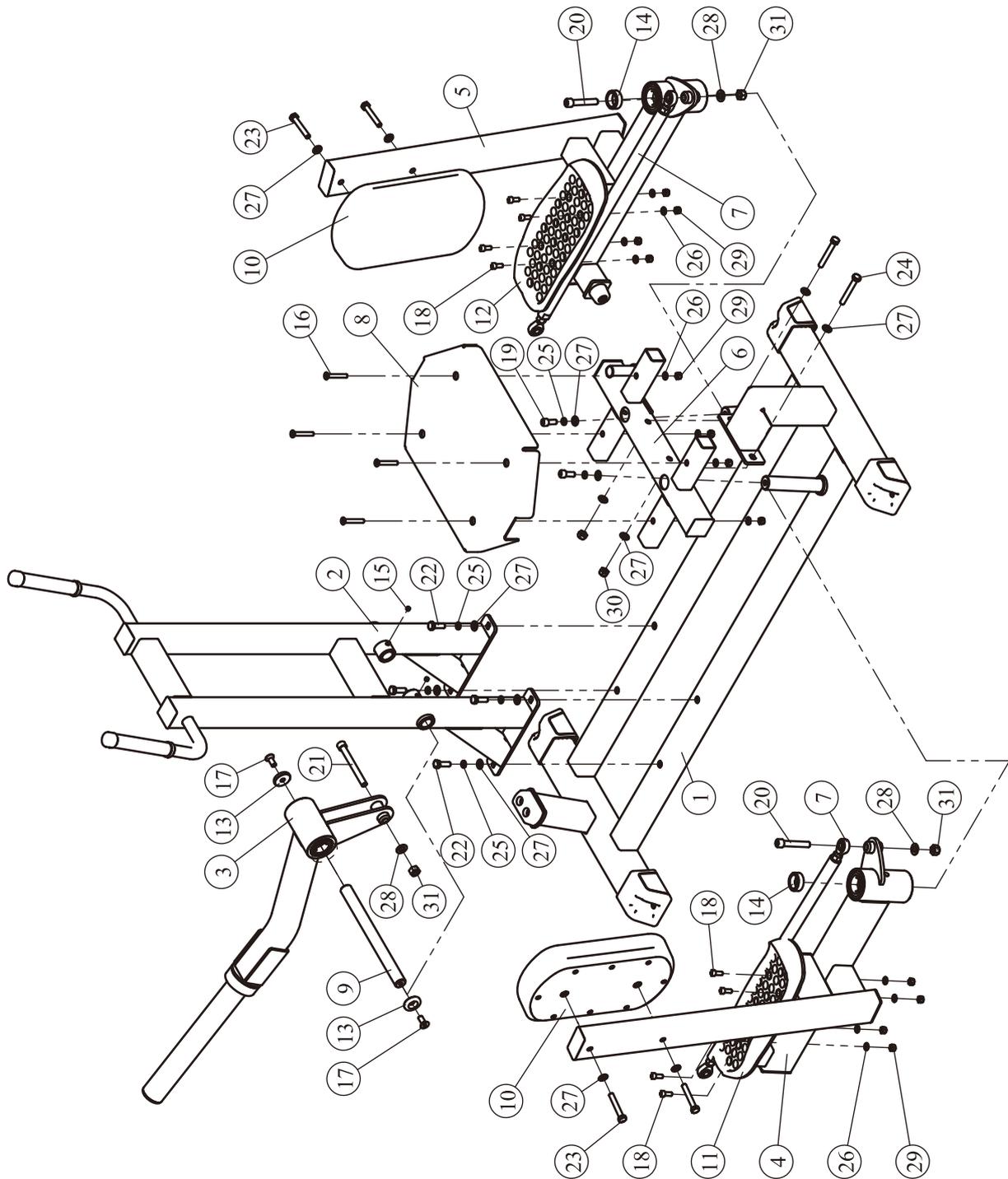
Exploded View and Parts List

Overall

Item No.	Part No.	Description	QTY
1	IFP162201ASSY	Bottom Frame ASSY	1
2	IFP162202ASSY	Stand Frame ASSY	1
3	IFP162203ASSY	Barbell Bar Rack ASSY	1
4	IFP162204ASSY	Left Swing Frame ASSY	1
5	IFP162205ASSY	Right Swing Frame ASSY	1
6	IFP162206ASSY	Pedal Fixed Mount ASSY	1
7	IFP162207ASSY	Link Rod ASSY	2
8	IFP16220800	Foot Plate	1
9	IFP17070900	Shaft	1
10	IT95261200V3	Leg Pad	2
11	IW38700	Left Pedal	1
12	IW38800	Right Pedal	1
13	IN-D21202000	Cap $\Phi 38$	2
14	SL0011000	Circle Ring $\Phi 40 \times \Phi 30.2 \times 14.5$	2
15	GB77M8*6DHS2	Socket Set Screw M8*6	2
16	CNLM8*55DHS20	Flat Head Cap Screw M8*55	4
17	CNLM10*25DS20NL	Flat Head Cap Screw M10*25	2
18	GB70M8*20DHS20	Socket Head Cap Screw M8*20	8
19	GB70M10*25DHS20NL	Socket Head Cap Screw M10*25	2
20	GB70M12*70DHS20	Socket Head Cap Screw M12*70	2
21	GB70M12*115DHS20	Socket Head Cap Screw M12*115	1
22	GB5780M10*30DHS20NL	Hex Head Bolt M10*30	4
23	GB5780M10*65DHS20	Hex Head Bolt M10*65	4
24	GB5780M10*75DHS20	Hex Head Bolt M10*75	2
25	GB9310DHS12	Spring Washer $\Phi 10$	6
26	GB958DHS2	Flat Washer $\Phi 9 \times \Phi 16 \times 1.6$	12
27	GB9510DHS2	Flat Washer $\Phi 11 \times \Phi 20 \times 2$	14
28	GB9512DHS2	Flat Washer $\Phi 13 \times \Phi 24 \times 2.5$	3
29	NM8DHS2	Nylon Lock Nut M8	12
30	NM10DHS2	Nylon Lock Nut M10	2
31	NM12DHS2	Nylon Lock Nut M12	3

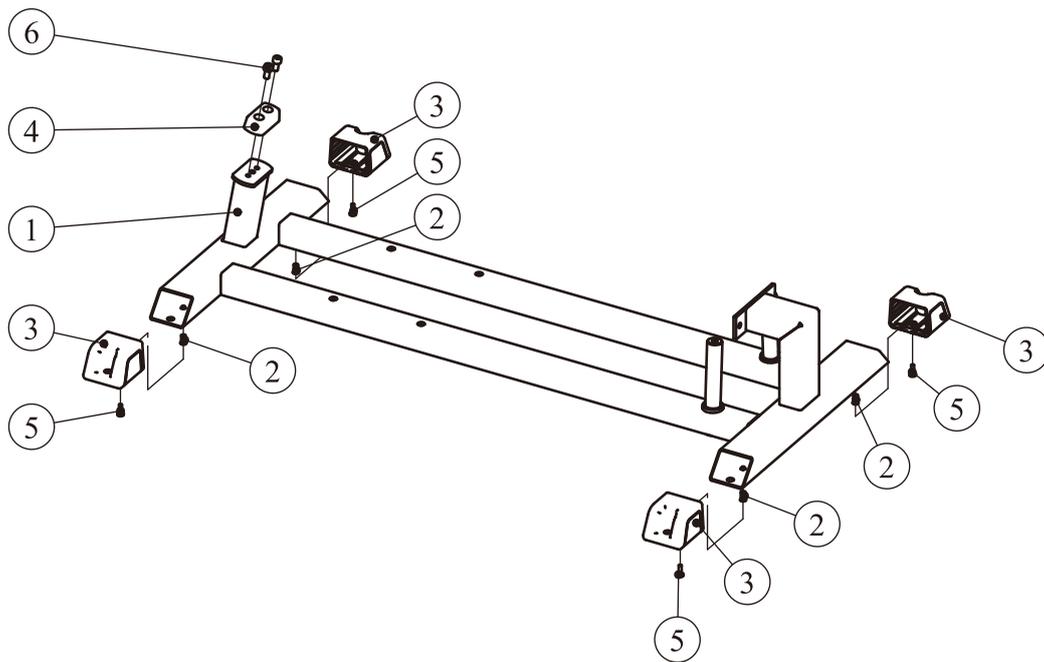
Exploded View and Parts List

Overall



Exploded View and Parts List

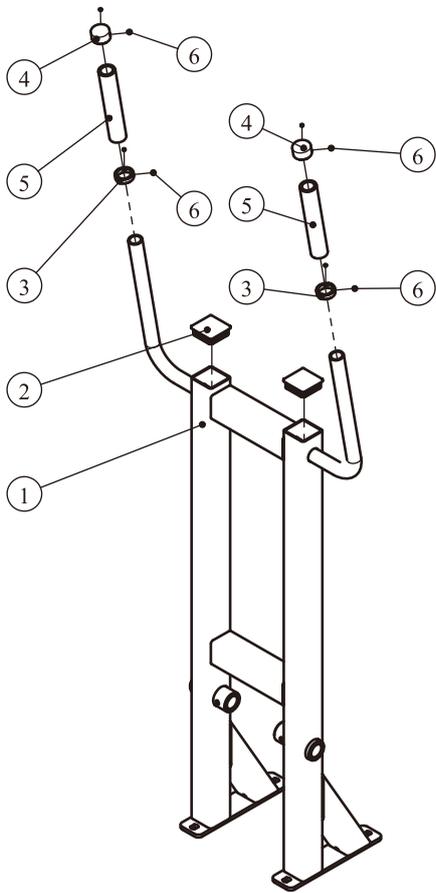
Bottom Frame ASSY



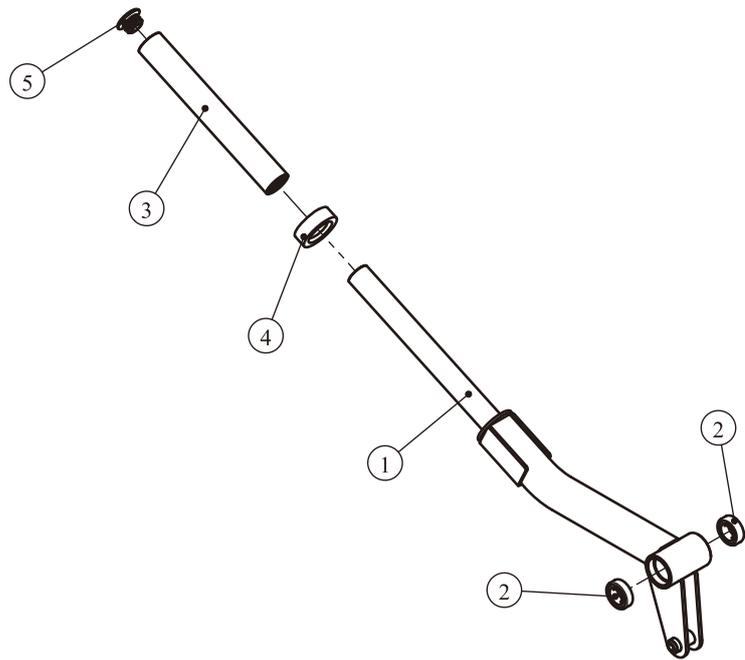
Grade No.	Part No.	Description	QTY
1.1	IFP16220100	Bottom Frame	1
1.2	GB17880.5M6*16.5DS17	Rivet Nut M6	4
1.3	IFP12013300	Foot Cap	4
1.4	RS17000400	Rubber Bumper	1
1.5	GB818M6*20DHS2	Cross Recessed Pan Head Screw M6*20	4
1.6	GB70M10*20DHS20NL	Socket Head Cap Screw M10*20	2

Exploded View and Parts List

Stand Frame ASSY



Barbell Bar Rack ASSY

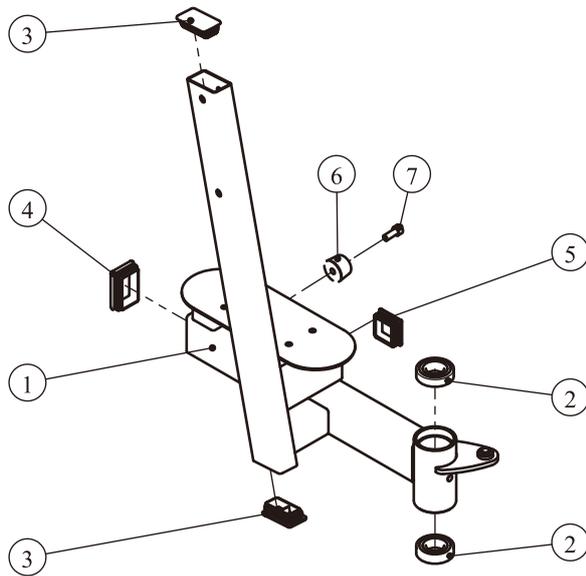


Grade No.	Part No.	Description	QTY
2.1	IFP16220200	Stand Frame	1
2.2	KPSFID3000	Tube Plug □50.8	2
2.3	V39500	Aluminum Grip Ring Φ25.4	2
2.4	V39600	Aluminum Grip Cap Φ25.4	2
2.5	026-01PL0206-14	Grip	2
2.6	YZGB7710-32*3.2N19	Socket Set Screw 10-32UNF*3.2	8

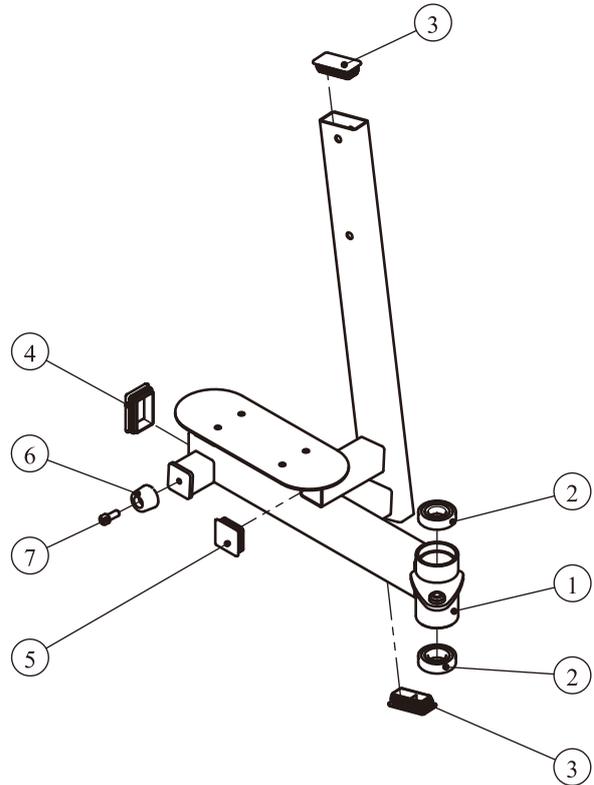
Grade No.	Part No.	Description	QTY
3.1	IFP16220300	Barbell Bar Rack	1
3.2	GB2766205-2ZC3	Bearing 6205	2
3.3	IFP16053000	Weight Horn Sleeve	1
3.4	HF985A1500	Rubber Bumper	1
3.5	IFP16053100	Tube Plug Φ45	1

Exploded View and Parts List

Left Swing Frame ASSY



Right Swing Frame ASSY



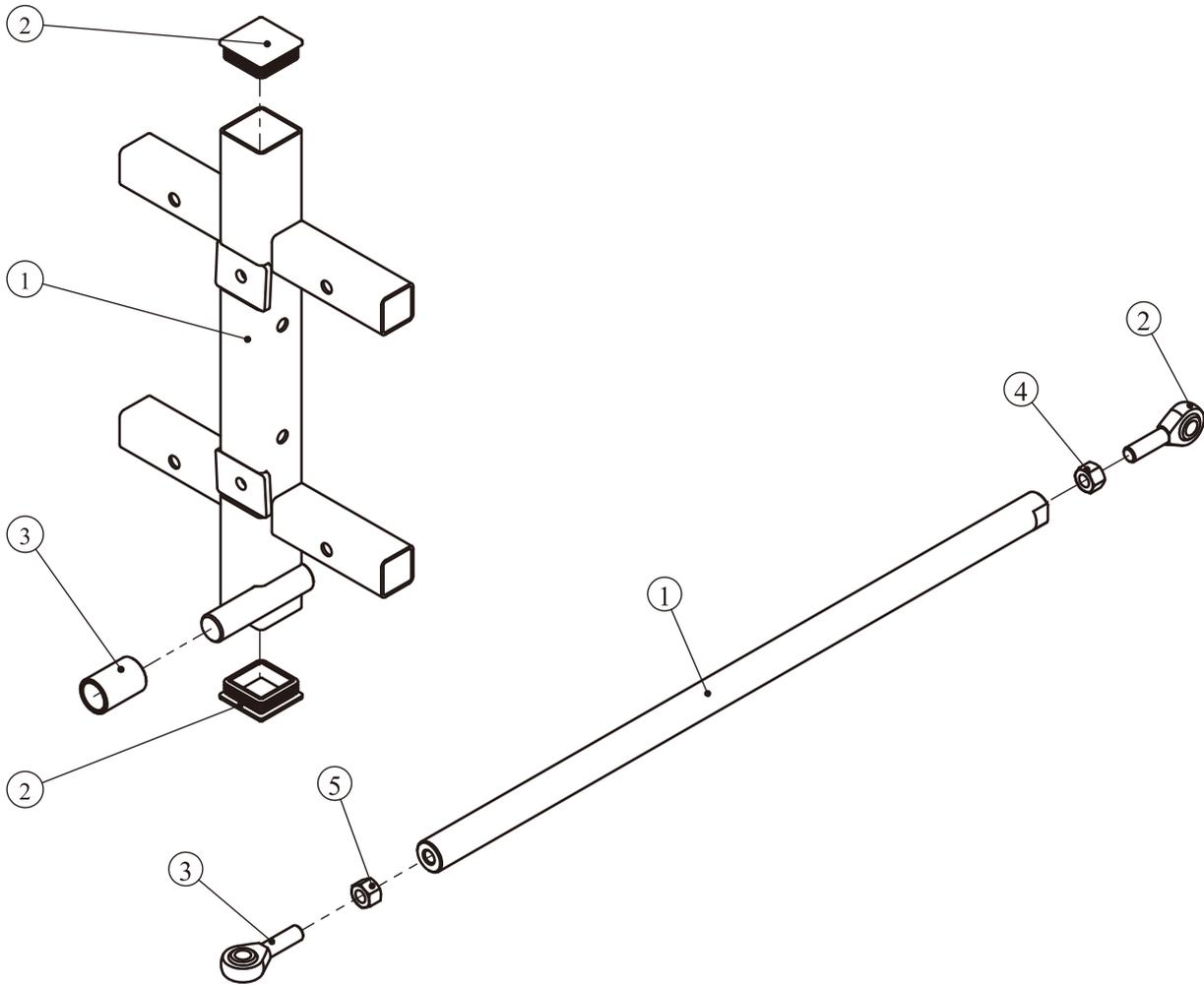
Grade No.	Part No.	Description	QTY
4.1	IFP16220400	Left Swing Frame	1
4.2	GB2766206-2ZC3	Bearing 6206	2
4.3	CF37543400	Tube Plug □38.1*76.2	2
4.4	KPSFID2800	Tube Plug □50.8*76.2	1
4.5	KPSFID3000	Tube Plug □50.8	1
4.6	PBG10002	Rubber Bumper	1
4.7	GB70M10*25DHS20NL	Socket Head Cap Screw M10*25	1

Grade No.	Part No.	Description	QTY
5.1	IFP16220500	Right Swing Frame	1
5.2	GB2766206-2ZC3	Bearing 6206	2
5.3	CF37543400	Tube Plug □38.1*76.2	2
5.4	KPSFID2800	Tube Plug □50.8*76.2	1
5.5	KPSFID3000	Tube Plug □50.8	1
5.6	PBG10002	Rubber Bumper	1
5.7	GB70M10*25DHS20NL	Socket Head Cap Screw M10*25	1

Exploded View and Parts List

Pedal Fixed Mount ASSY

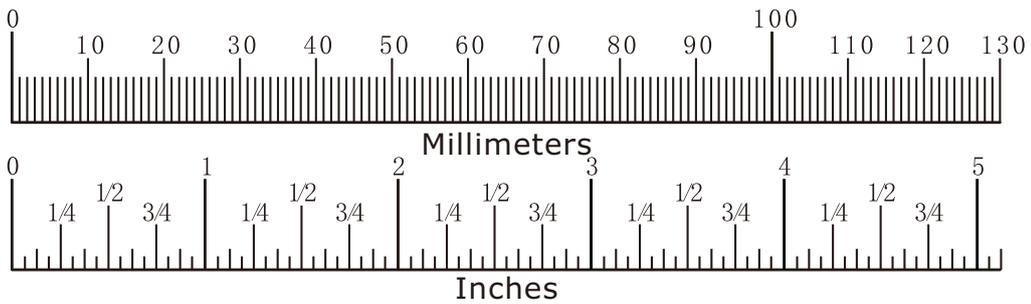
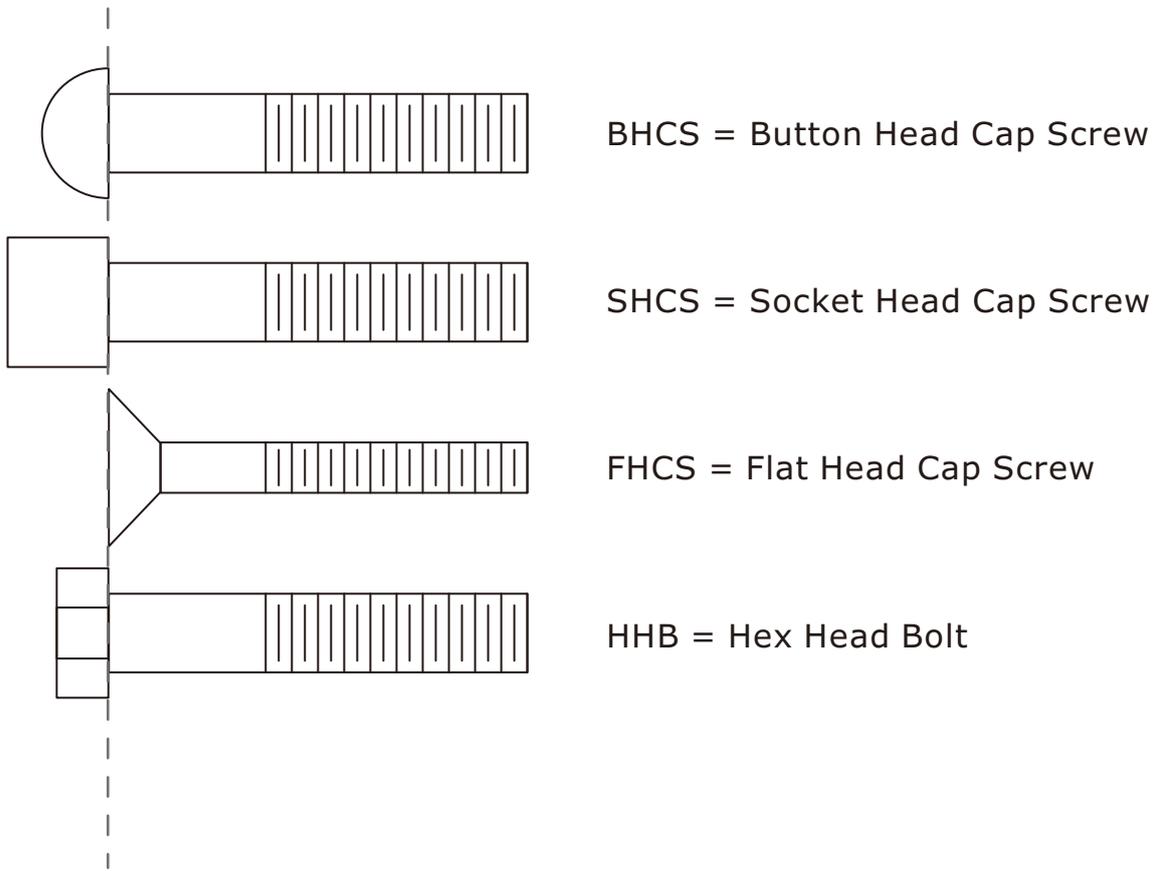
Link Rod ASSY



Grade No.	Part No.	Description	QTY
6.1	IFP16220600	Pedal Fixed Mount	1
6.2	KPSFID3000	Tube Plug □50.8	2
6.3	IN-D10141900	Nylon Sleeve	1

Grade No.	Part No.	Description	QTY
7.1	IFP16220700	Link Rod	1
7.2	SA12T_K	Rod Rnds Bearings	1
7.3	SA12T_KL	Rod Rnds Bearings(LH)	1
7.4	GB41M12DS2	Hex Nut M12	1
7.5	GB41LM12DS2	Hex Nut M12(LH)	1

Measurement Guide



Diameter of bolt (mm/inch)	M6(1/4")	M8(5/16")	M10(3/8")	M12(1/2")	M16(5/8")
Tightening torque (N.m)	9~12	22~30	45~59	78~104	193~257
Operational methods for adult men	The strength of the wrist	The strength of the wrist and forearm	The strength of the entire arm	The strength of the arm and upper body	with all strength

Assembly Instructions

Assembly of the equipment takes professional installers about 2 hours. If this is the first time you have assembled this type of equipment, plan to spend more time. It is strongly recommended to assemble the equipment by professional installers. You may find it quicker, safer, easier to assemble this equipment with the help of a friend, as some of components may be large, heavy or awkward to handle alone. It is important that you assemble your product in a clean, clear, uncluttered area. This will enable you to move around the product while you are fitting components and reduce the possibility of injury during assembly.

NOTE

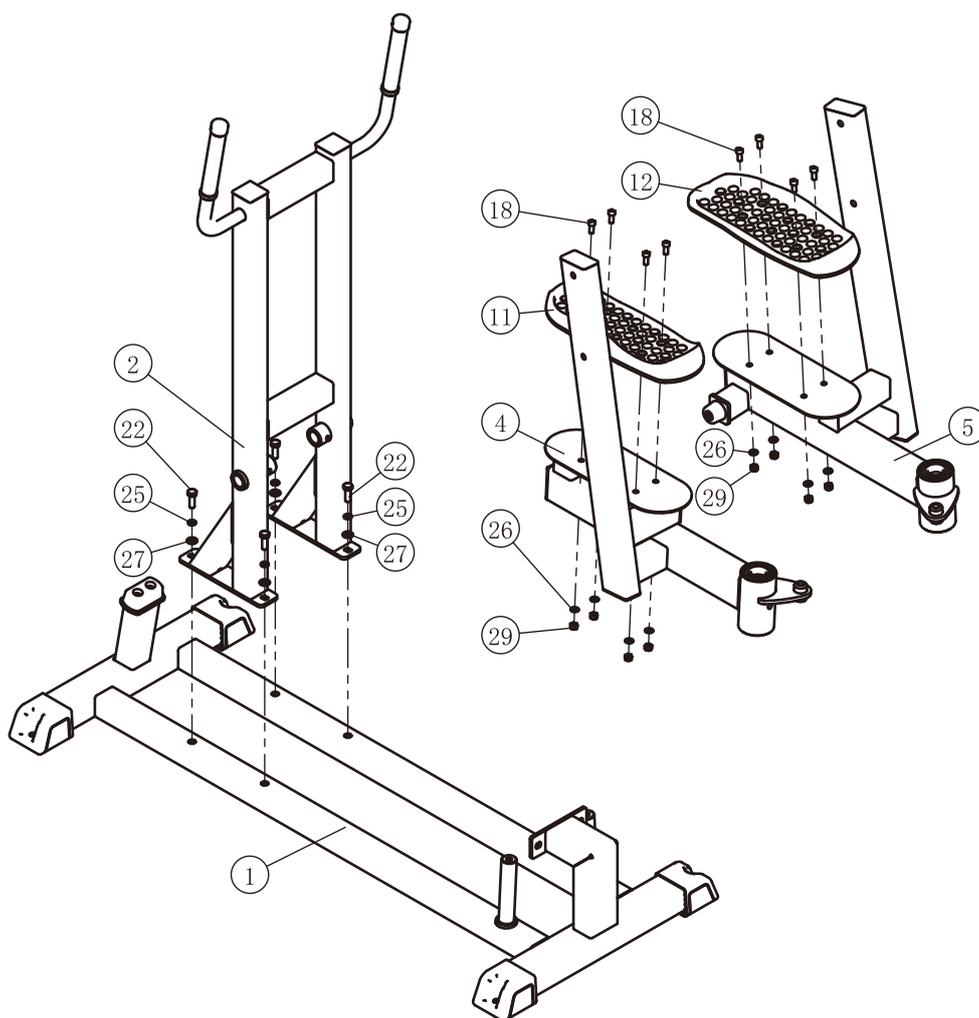
As with any assembled part, proper alignment and adjustment is critical. While tightening the fasteners, be sure to leave room for adjustments. Do not fully tighten the fasteners until instructed to do so. Be careful to assemble the components in the sequence presented in this guide.

Assembly

STEP 1

1. Attach the Stand Frame ASSY (#2) to the Bottom Frame ASSY (#1) using:
 - four M10*30 HHB (#22)
 - four $\Phi 10$ Spring Washer (#25)
 - four $\Phi 11*\Phi 20*2$ Flat Washer (#27)
2. Attach the Left Pedal (#11) to the Left Swing Frame ASSY (#4) using:
 - four M8*20 SHCS (#18)
 - four $\Phi 9*\Phi 16*1.6$ Flat Washer (#26)
 - four M8 Nylon Lock Nut (#29)
3. Attach the Right Pedal (#12) to the Right Swing Frame ASSY (#5) using:
 - four M8*20 SHCS (#18)
 - four $\Phi 9*\Phi 16*1.6$ Flat Washer (#26)
 - four M8 Nylon Lock Nut (#29)

Note: Wrench Tighten Bolts and Nylon Lock Nuts.

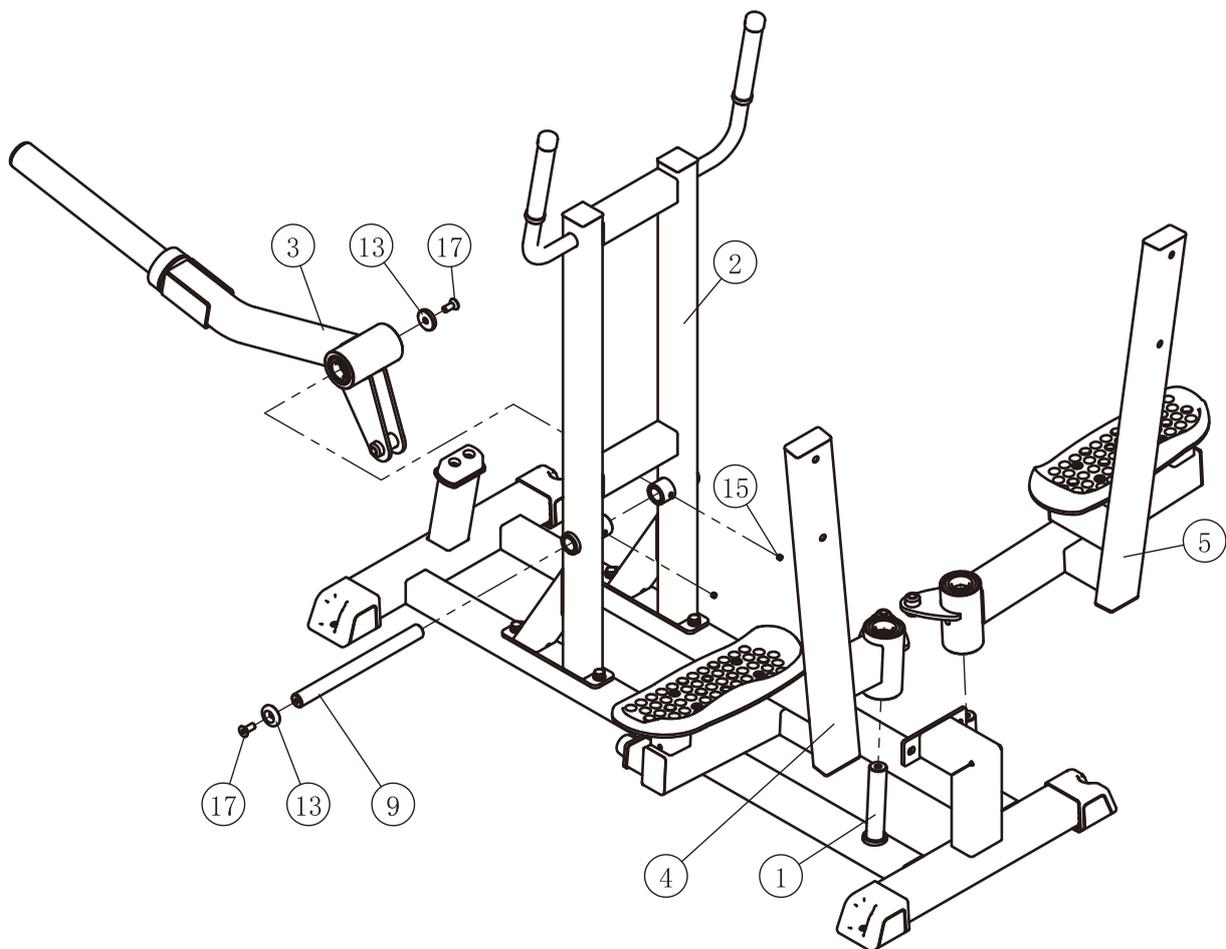


Assembly

STEP 2

1. Attach the Barbell Bar Rack ASSY (#3) to the Stand Frame ASSY (#2) using:
one Shaft (#9) two $\Phi 38$ Cap (#13)
two M8*6 Socket Set Screw (#15)
two M10*25 FHCS (#17)
2. Attach the Left Swing Frame ASSY (#4) and the Right Swing Frame ASSY (#5) to the Bottom Frame ASSY (#1).

Note: Wrench Tighten Bolts.



Assembly

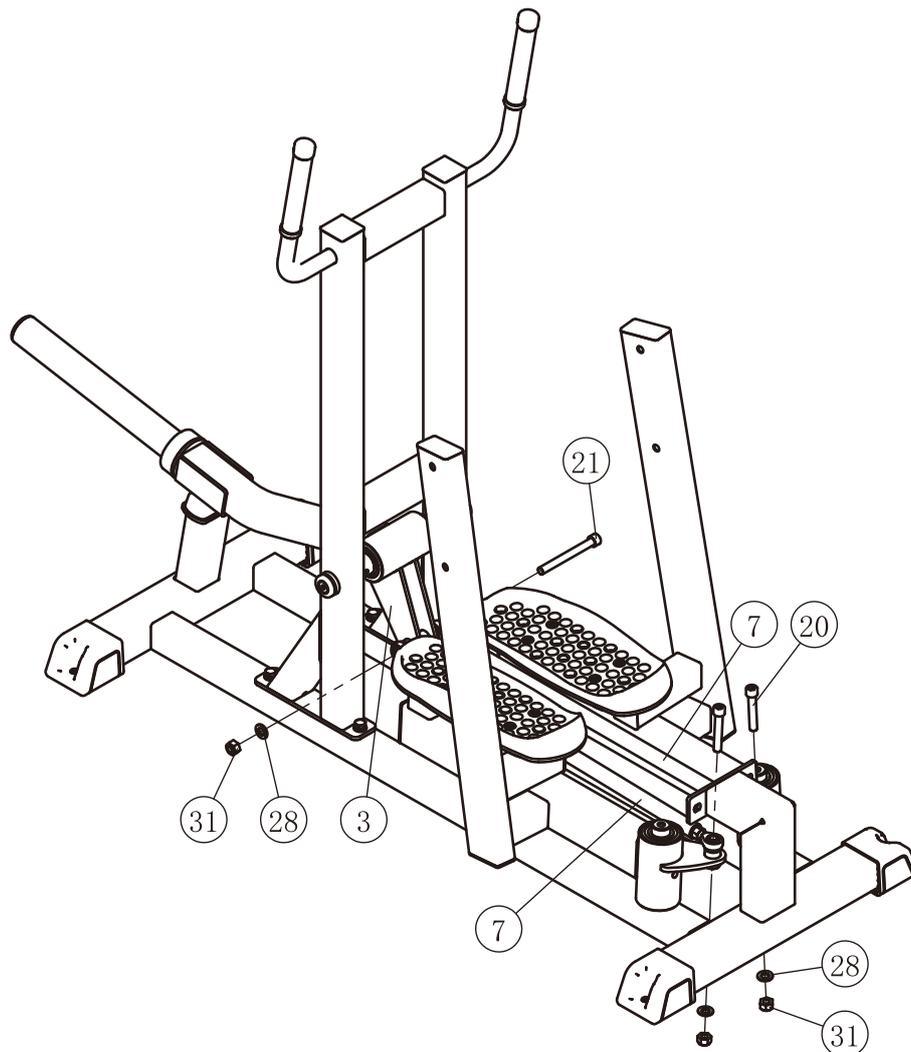
STEP 3

Attach two Link Rod ASSY (#7) to the Barbell Bar Rack ASSY (#3) and the Left Swing Frame ASSY (#4) and the Right Swing Frame ASSY (#5) using:

- two M12*70 SHCS (#20)
- one M12*115 SHCS (#21)
- three $\Phi 13*\Phi 24*2.5$ Flat Washer (#28)
- three M12 Nylon Lock Nut (#31)

Note: 1. Wrench Tighten Bolts.

2. Adjust the Link Rod ASSY to make the Swing Frame ASSY symmetry.



Assembly

STEP 4

Attach the Pedal Fixed Mount ASSY (#6) to the Bottom Frame ASSY (#1) and the Left Swing Frame ASSY (#4) and the Right Swing Frame ASSY (#5) using:

two $\Phi 40 \times \Phi 30.2 \times 14.5$ Circle Ring (#14)

two M10*25 SHCS (#19)

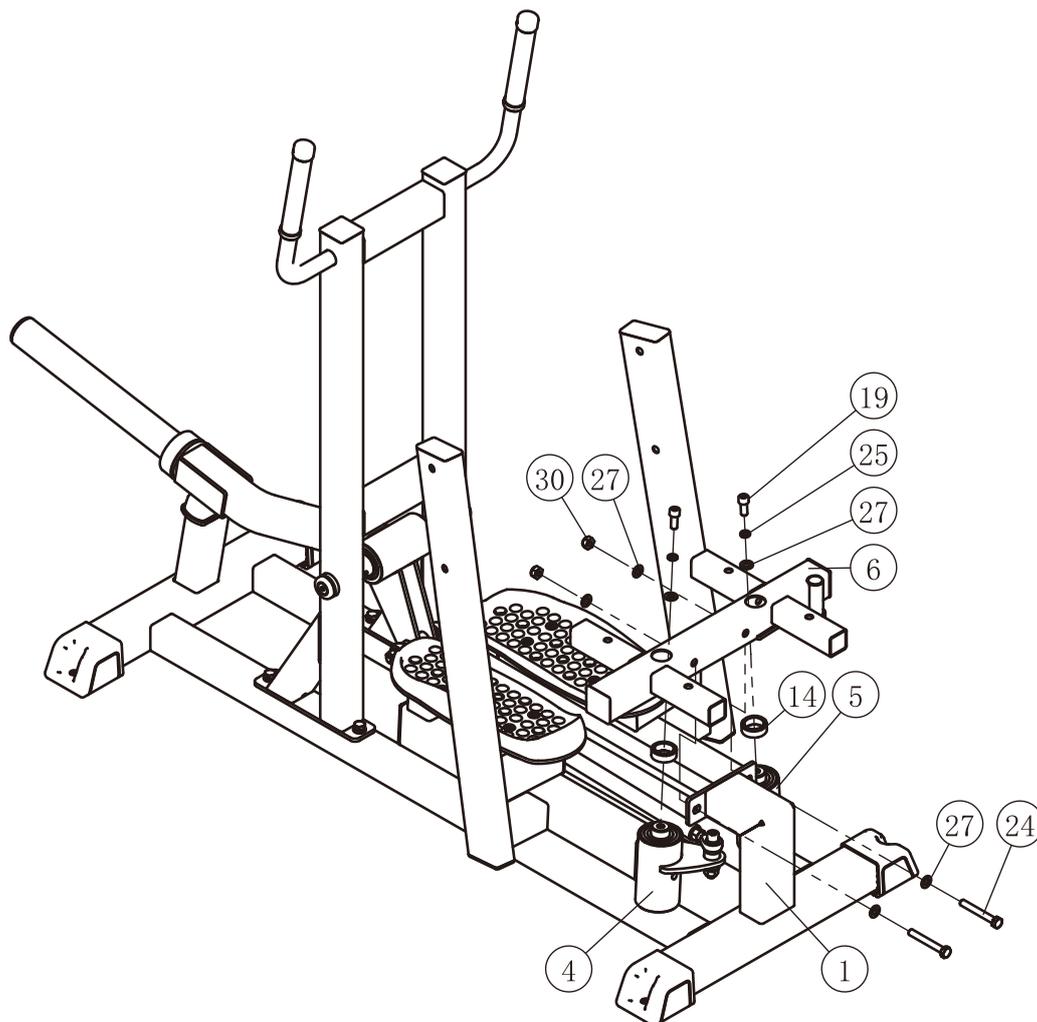
two M10*75 HHB (#24)

two $\Phi 10$ Spring Washer (#25)

six $\Phi 11 \times \Phi 20 \times 2$ Flat Washer (#27)

two M10 Nylon Lock Nut (#30)

Note: Wrench tighten bolts and Nylon Lock Nuts.

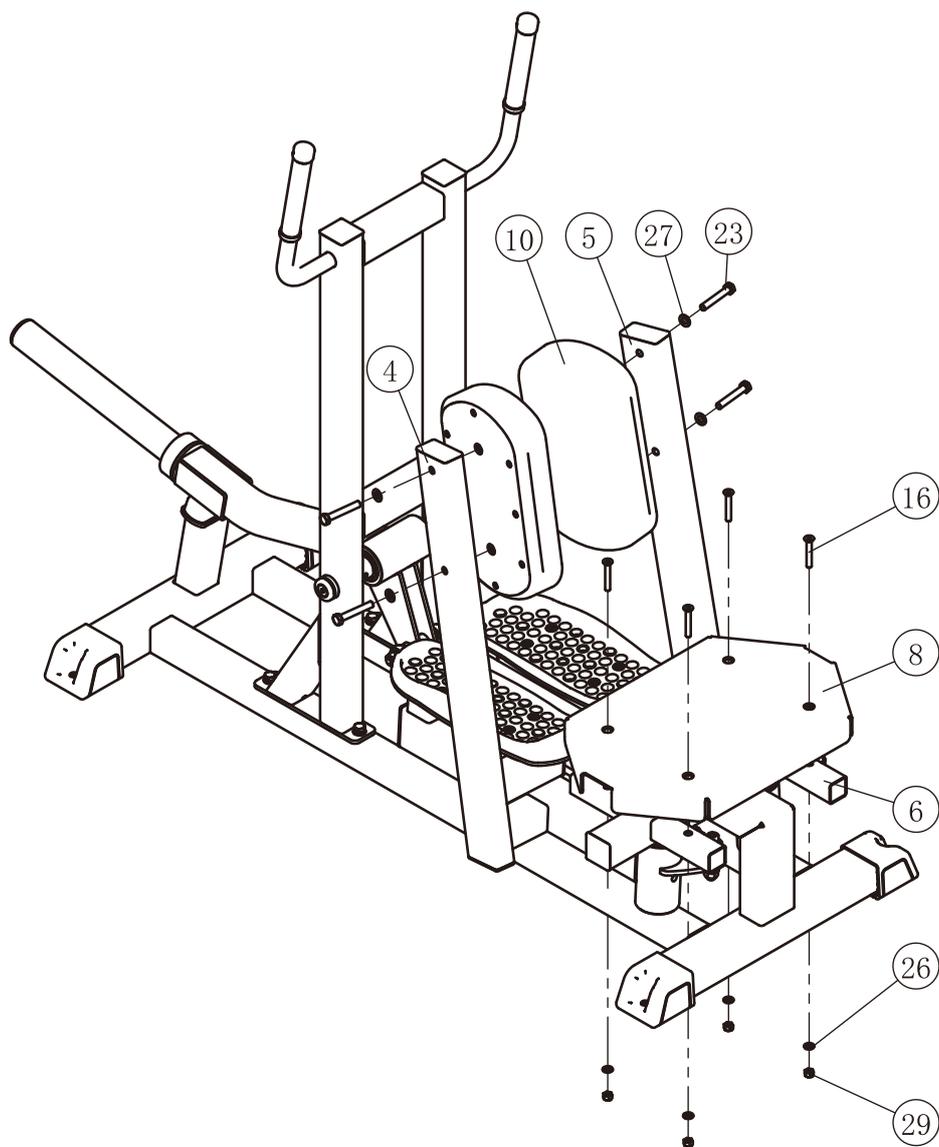


Assembly

STEP 5

1. Attach the Foot Plate (#8) to the Pedal Fixed Mount ASSY (#6) using:
 - four M8*55 FHCS (#16)
 - four $\Phi 9 \times \Phi 16 \times 1.6$ Flat Washer (#26)
 - four M8 Nylon Lock Nut (#29)
2. Attach two Leg Pad (#10) to the Left Swing Frame ASSY (#4) and the Right Swing Frame ASSY (#5) using:
 - four M10*65 HHB (#23)
 - four $\Phi 11 \times \Phi 20 \times 2$ Flat Washer (#27)

Note: Wrench tighten bolts and Nylon Lock Nuts.



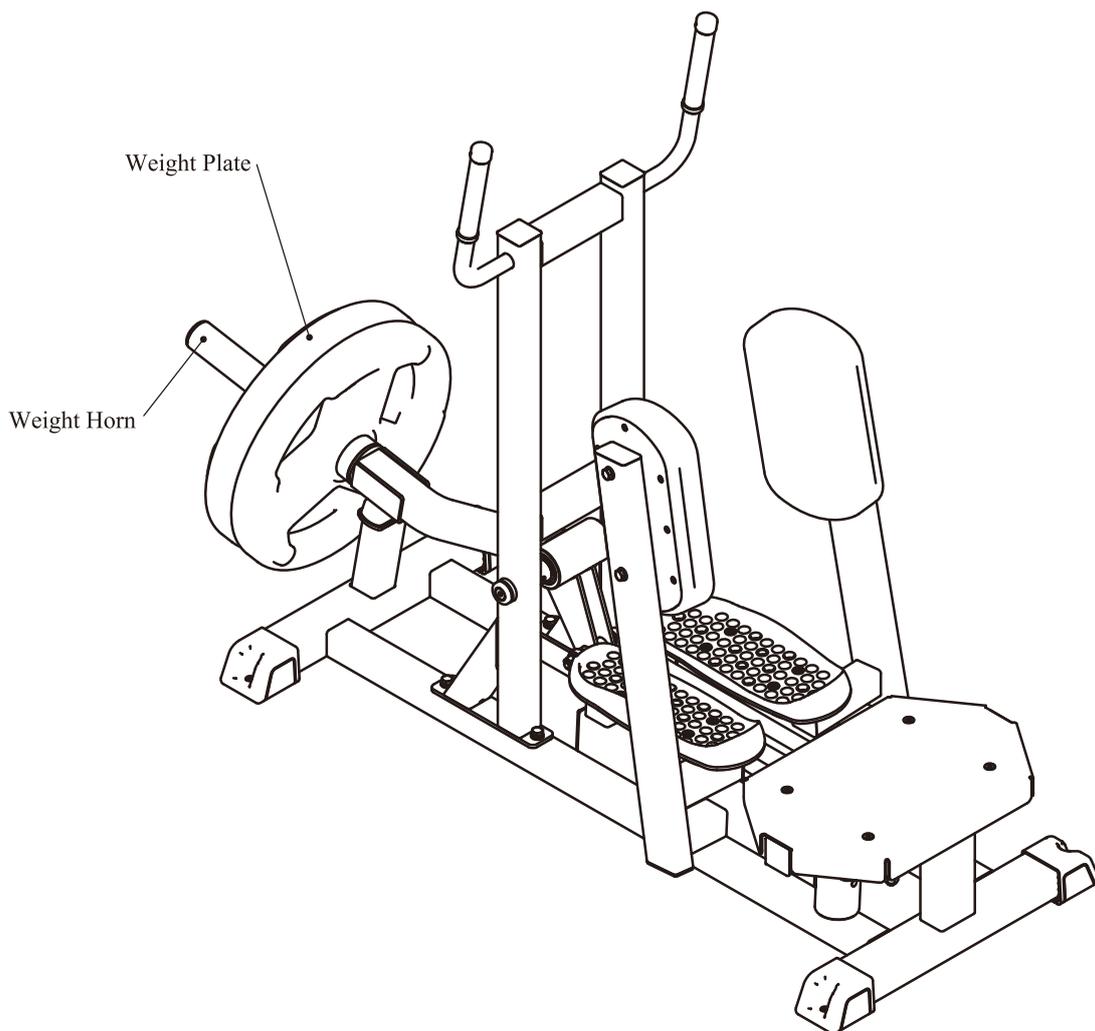
Adjust and Exercise Instruction

Weight Plate Installation Requirements

1. Please use Olympic Weight Plate which hole is greater than $\Phi 50\text{mm}$ and external diameter is less than $\Phi 450\text{mm}$.
2. The total weight can not be greater than 150kg.
3. This equipment does not contains Weight Plates.

Exercise Instruction

1. Select an appropriate weight on both weight horns.
2. Grasp the handles, slowly spread legs apart as fa as possible.
3. Slowly return to the starting position.



Maintenance Schedule

ROUTINE	COMMERCIAL MAINTENANCE	HOME MAINTENANCE	LATEST DATE ENTRY						
Inspect; Links, Pull Pins, Snap Locks, Swivels, Weight Stack Pins	DAILY	WEEKLY							
Clean; Upholstery	DAILY	WEEKLY							
Inspect; Cables or Belts and their tension	DAILY	WEEKLY							
Inspect; Accessory Bars, and Handles	WEEKLY	3 MONTHS							
Inspect; All Decals	WEEKLY	3 MONTHS							
Inspect; All Nuts and Bolts, Tighten if needed	WEEKLY	3 MONTHS							
Inspect; Anti-Skid Surface	WEEKLY	3 MONTHS							
Clean & Lubricate; Guide Rods with a Teflon (PTFE) based lubricant (Superlube)	MONTHLY	3 MONTHS							
Lubricate; Seat Sleeves, Turcite Bushings, Linear Bearing	MONTHLY	3 MONTHS							
Clean and Wax; All Glossy Finishes	6 MONTHS	YEARLY							
Repack with Grease; Linear Bearings	6 MONTHS	YEARLY							
Replace; Cables, Belts and Connecting Parts	YEARLY	3 YEARS							

Your equipment comes with a commercial maintenance decal. For personal, in home use, please follow the home maintenance schedule listed above.

General Maintenance Information

Links, Pull-Pins, Snap Hooks, Swivels, Weight Stack Pins:

- * Check all pieces for signs of visible wear or damage.
- * Check springs in snap hooks and pull-pins for proper tension and alignment.
- * If the spring sticks or has lost its rigidity, replace it immediately.

Upholstery:

- * To ensure prolonged upholstery life and proper hygiene, all upholstered pads should be wiped down with a damp cloth after every workout.
- * Periodically take the time to use a mild soap or an approved vinyl upholstery cleaner to deter the onset of cracking or drying. Avoid using any abrasive cleaners or cleaners not intended for use on vinyl.
- * Replace ripped or worn upholstery immediately.
- * Keep sharp or pointed objects clear of all upholstery.

Decals:

- * Inspect and familiarize yourself with any safety warnings or other user information posted on each decal.

Nuts and Bolts:

- * Inspect all nuts and bolts for any loosening and tighten if needed.
- * Go through a re-tightening sequence periodically to ensure that all hardware is tensioned proper.

Anti-Skid Surfaces:

- * These surfaces are designed to supply secure footing and need to be replaced if they appear worn or become slippery.

Belts and Cables:

- * We use only high quality belt, and mil-spec cables.
- * Visually inspect the belts and cables for fraying, cracking, peeling or discoloration.
- * While the machine is not in use, carefully run your fingers along the belt or cable to feel for thinning or bulging areas.
- * Replace belts and cables immediately at the first signs of damage or wear. Do not use equipment until belts or cables have been replaced.

Belt and Cable Tension:

- * Referring to the Owners Manual, when belts or cables are used check all bolts attachments to be sure they are properly attached.
- * Check slack in cables and re-adjust cable tension if needed.

Seat Sleeves, Guide Rods:

- * Wipe down adjusting tubes with a dust free rag before applying lubricant.
- * Lubricate seat sleeves and Guide Rods with a Silicon or Teflon based lubricant spray.

Linear Bearings:

- * Referring to the Owners Manual carefully disassemble the bearing from its housing and place a finger full of light grease (lithium, super lube, etc.) into the inside of the bearing. Using your finger, press the grease into the ball-bearings and their tracks. Repeat until the ball-bearing tracks are full of grease. Insert the shaft back into the bearing and wipe off excess grease.

PLEASE KEEP THIS FOR YOUR RECORDS

Weight Training Tips

Use this manual to guide you through the basic exercises you can perform on your equipment. To gain maximum results and avoid possible injury, consult a fitness professional to develop your complete exercise program.

Always consult your physician before starting any exercise program.

To be successful in your exercise program, it is important to develop an understanding of the basic principles of strength training. Now that you have your equipment, it is only natural that you want to get started immediately. First, determine a set of realistic goals and objectives for yourself. By deciding on an exercise plan that is right for you prior to starting, you will contribute significantly to your success.

Warm up properly before engaging in weight resistance training. Stretching, yoga, jogging, calisthenics or other cardiovascular exercise can help prepare your body for the heavier workload of lifting weights.

Learn how to perform the exercise correctly before using heavy weight. Correct form is important to avoid injury and to ensure that you work the proper muscle groups.

Know your limitations. If you are new to weight training or are embarking on an exercise regimen after a long layoff, start slowly and build foundational strength over a longer period of time.

Pay attention to your breathing. Exhale when you exert is a general rule of thumb. Never hold your breath.

