

SL7002

Pulldown

OWNER'S MANUAL



! CAUTION

Read all precautions
and instructions in this manual
before using this equipment

Engineered and manufactured by **Impulse®** Fitness

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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:

- * Read all instructions before using the equipment. These instructions are written to ensure your safety and to protect the unit.
- * Do not allow children on or near the equipment.
- * 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.
- * Wear proper exercise clothing and shoes for your workout----no loose clothing.
- * Be careful when getting on or off the equipment.
- * Do not overexert yourself or work to exhaustion.
- * If you feel any pain or abnormal symptoms, stop your workout immediately and consult your physician.
- * 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.
- * Do not attempt to lift more weight than you can control safely.
- * Do not use the equipment outdoors.

Personal Safety During Assembly

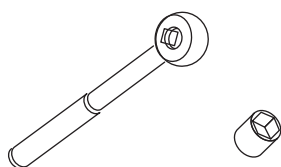
- * Read each step in the assembly instructions and follow the steps in sequence. Do not skip ahead. If you skip ahead, you may learn later that you have to disassemble components and that you may have damaged the equipment.
- * Assemble and operate the equipment on a solid, level surface. Locate the 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.

Instructions

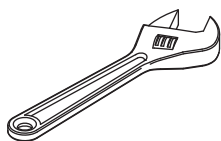
Before beginning assembly please take the time to read instructions thoroughly. Please use the various lists in this manual to make sure that all parts have been included in your shipment. When ordering, use part number and description from the lists. Use only our replacement part when servicing. Failure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

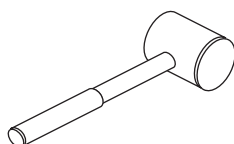
Tools Required



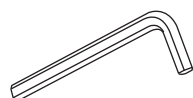
Ratchet Wrench and Socket



Adjustable Wrench



Rubber Mallet



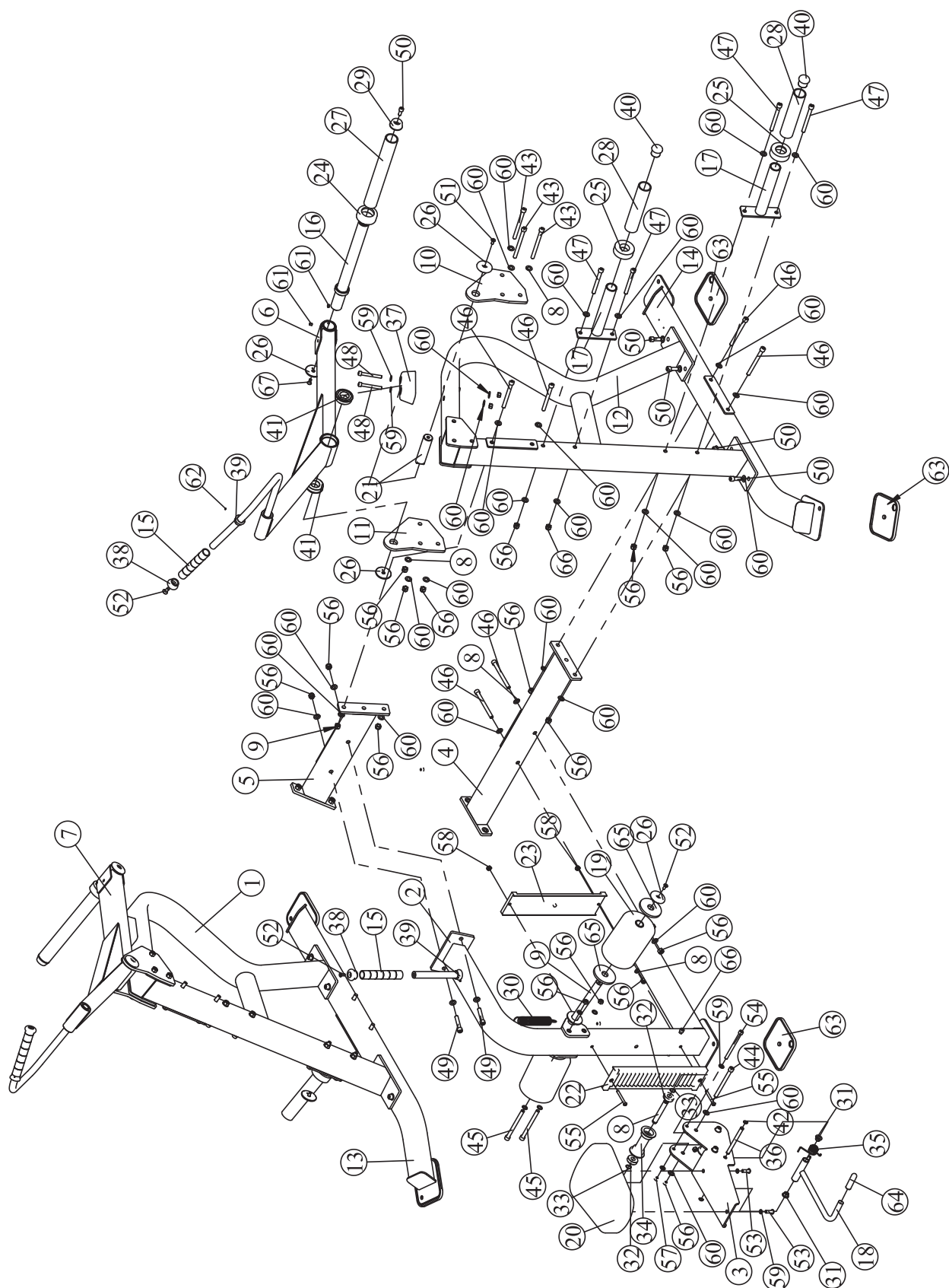
Hex Key Wrench Set

Parts List

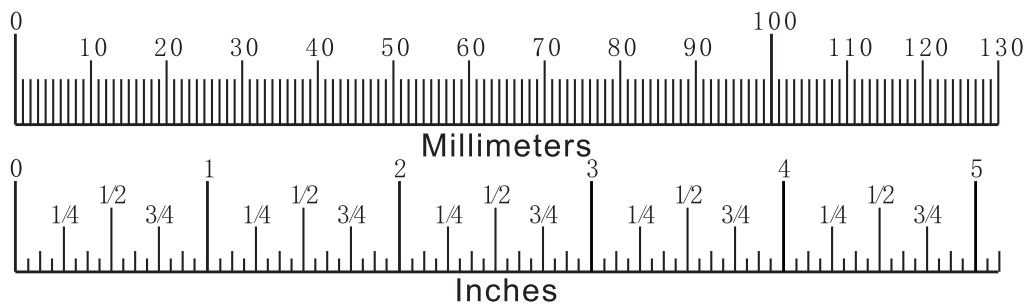
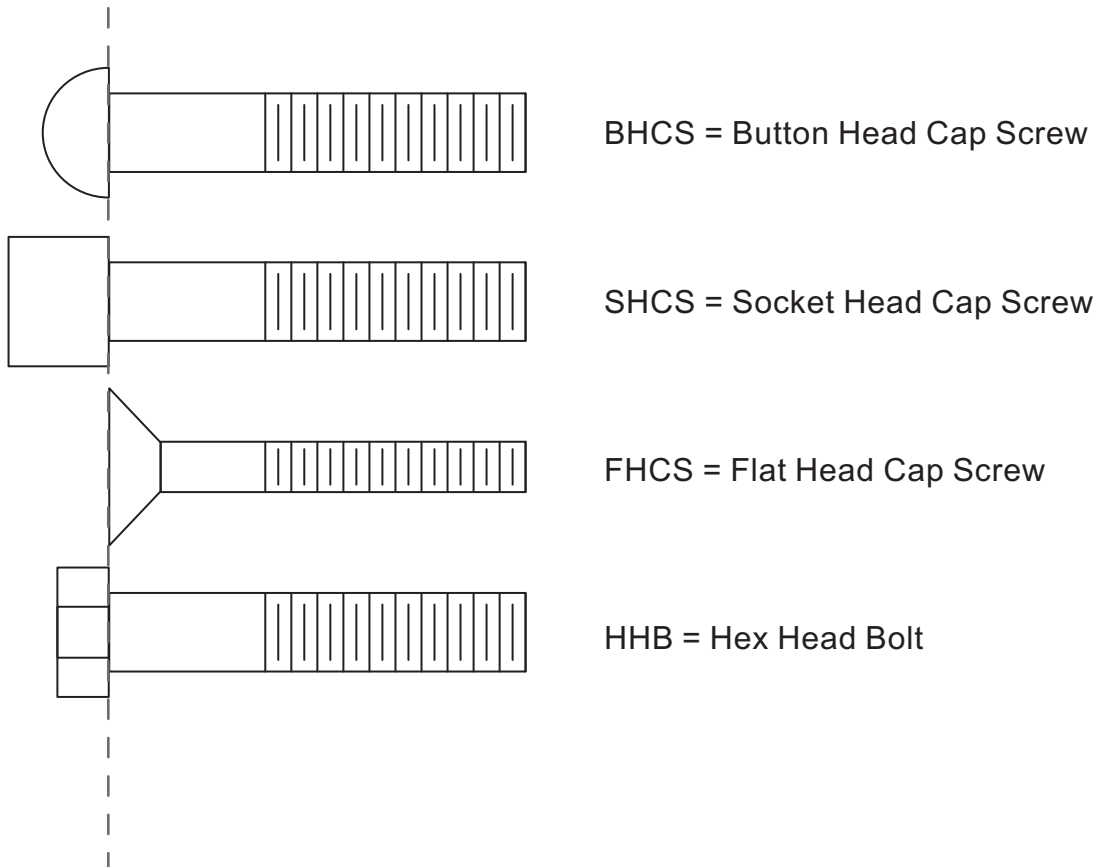
NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

Item No.	Description	Qty	No parts	Item No.	Description	Qty	No parts
1	left Upright Frame	1	SL70020100	37	Large Rubber Bumper	2	PL380800
2	Seat Standing Frame	1	SL70020200	38	Aluminium Cap Ø25	3	IT90102100
3	Seat Frame	1	SL70073800	39	Aluminium Ring Ø25	3	IT90102200
4	Cross Frame	1	SL70020400	40	End Plug	4	RF-6012500
5	Up Cross Frame	1	SL70020500	41	Tapered Roller Bearing	4	
6	Right Arm Frame	1	SL70020600	42	External Retaining Ring Ø12	2	GB894.112FH12
7	Left Arm Frame	1	SL70020700	43	Socket Head Cap Screw M12*155	6	GB70M12*155DHS20
8	Wheel Shaft	3	SL70012500	44	Socket Head Cap Screw M12*145	3	GB70M12*145DHS20
9	Foam Bracket	2	SL70020900V1	45	Socket Head Cap Screw M12*140	2	GB70M12*140DHS20
10	Pivot Plate	2	SL70021000	46	Socket Head Cap Screw M12*135	10	GB70M12*135DHS20
11	Pivot Plate 1	2	SL70021100	47	Socket Head Cap Screw M12*125	8	GB70M12*125DHS20
12	Right Upright Frame	1	SL70021200	48	Socket Head Cap Screw M12*90	4	GB70M12*90DHS20
13	Left Bottom Frame	1	SL70010200	49	Socket Head Cap Screw M12*85	2	GB70M12*85DHS20
14	Right Bottom Frame	1	SL70010100	50	Socket Head Cap Screw M12*35	10	GB70M12*35*35DHS20NL
15	Aluminium Grip	3	SL70012100	51	Flat Head Cap Screw M12*30	4	CNLM12*30DS20NL
16	Weight Horn Assembly	2	SL70021600	52	Flat Head Cap Screw M10*25	5	CNLM10*25DS20NL
17	Weight Plate Storage	4	SL70100300	53	Button Head Cap Screw M10*30	2	PNLM10*30DHS20
18	Adjustable Handle	1	SL70012800	54	Socket Head Cap Screw M10*145	1	GB70M10*145DHS20
19	FOAM	2	SL70021900V1	55	Button Head Cap Screw M8*70	2	
20	Seat Pad	1	SL70013000V1	56	Nylon lock Nut M12	35	NM12DHS2
21	Pivot Shaft Ø30	2	SL70011500	57	Nylon lock Nut M10	1	NM10DHS2
22	Front Plastic Plate	1	SL70011100	58	Nylon lock Nut M8	2	NM8DHS2
23	Rear Plastic Plate	1	SL70011200	59	Flat Washer Ø11*Ø20*2	4	GB9510DHS2
24	Rubber Bumper	2	SL70011600	60	Flat Washer Ø13*Ø24*1.5	80	DQ12DHS2A
25	Weight Horn Rubber Donut	4	HF985A1500	61	Socket Set Screw M8*6	4	GB77M8*6DHS2
26	Domed Aluminium Cap	8	SL70011700	62	Socket Set Screw 10-32*3.2	6	YZGB7710-32*3.2N19
27	Long Weight Horn Sleeve	2	SL70011800	63	Rubber Foot	5	CWRVL0051200
28	Weight Horn Sleeve	4	SL70100400	64	Rubber Grip	1	CG50001700
29	Weight Horn Plastic Cap	2	SL70012000	65	Aluminium Ring Ø90	4	IT70165000
30	Pull Spring	1	SL70012200	66	Plastic Sleeve	2	SL70013200
31	Oilite Bushing	2	M01402000	67	Flat Head Cap Screw M12*50	2	CNLM12*50*50DS20NL
32	Ball Bearing	6	GB2766203-2Z	68	Hex key S=10	1	NBS10DHS
33	External Retaining Ring Ø17	6	GB894.117FH12	69	Hex key S=8	1	NBS8DHS
34	Idler Wheel	3	SL70012400	70	Hex key S=6	1	NBS6DHS
35	Wring Spring	1	SL70012600	71	Hex key S=4	1	NBS4DHS
36	Shaft For Adjustable Handle	1	SL70012700				

Exploded View



Measurement Guide



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.



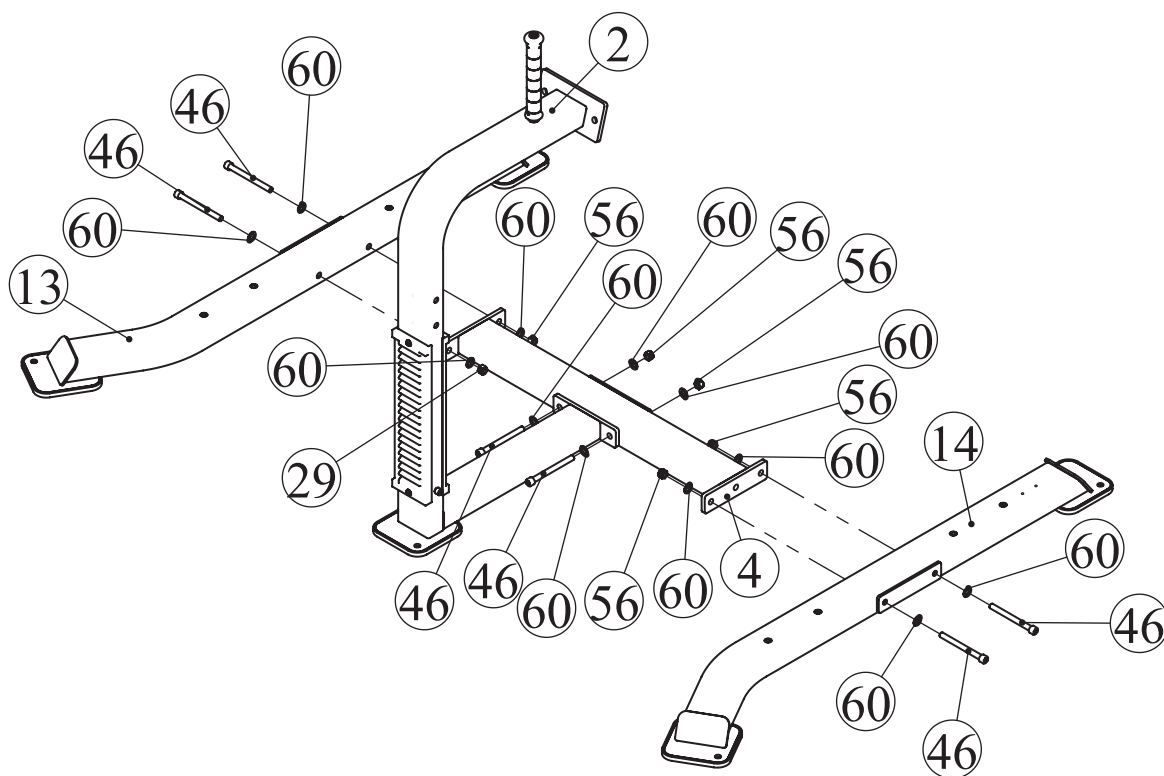
Note

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 Left Bottom Frame (#13) the Right Bottom Frame (#14) to the Cross Frame (#4), using:
eight $\Phi 13 \times \Phi 24 \times 1.5$ Flat Washers (#60) four M12*135 SHCS (#46)
four M12 Nylon lock Nuts (#56)
2. Attach the Seat Standing Frame (#2) to the Cross Frame (#4), using:
four $\Phi 13 \times \Phi 24 \times 1.5$ Flat Washers (#60) two M12*135 SHCS (#46)
two M12 Nylon lock Nuts (#56)

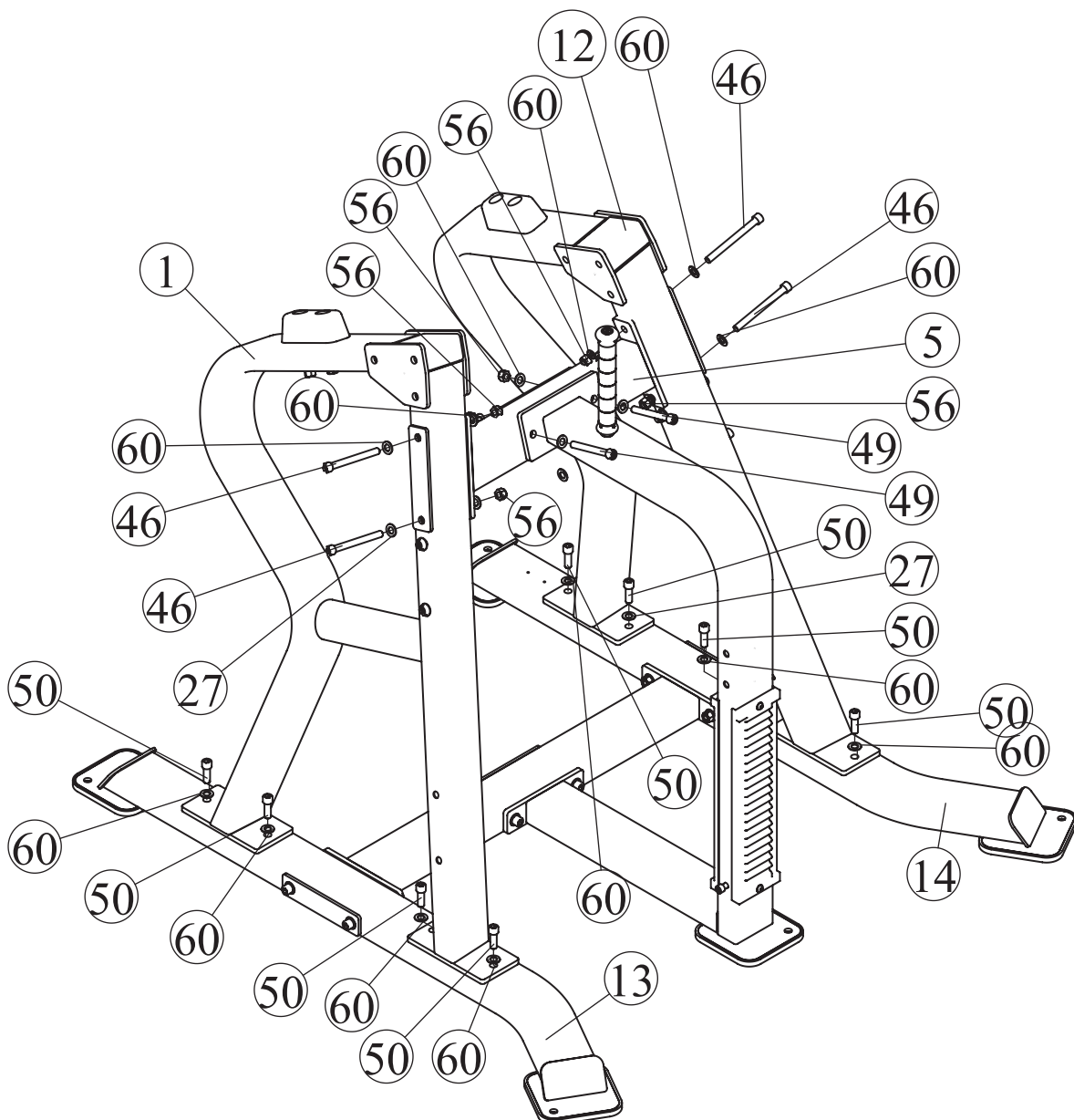


Assembly

Step 2

1. Attach the left Upright Frame (#1) to the Left Bottom Frame (#13), using:
four $\Phi 13 \times \Phi 24 \times 1.5$ Flat Washers (#60) four M12*35 SHCS (#50)
2. Attach the Right Upright Frame (#12) to the Right Bottom Frame (#14), using:
four $\Phi 13 \times \Phi 24 \times 1.5$ Flat Washers (#60) four M12*35 SHCS (#50)
3. Attach Up Cross Frame (#5) to the left Upright Frame (#1) and the Right Upright Frame (#12), the Seat Standing Frame (#2) using:
twelve $\Phi 13 \times \Phi 24 \times 1.5$ Flat Washers (#60) four M12*135 SHCS (#46)
two M12*85 SHCS (#49) six M12 Nylon lock Nuts (#56)

NOTE: Tighten all the hardware.



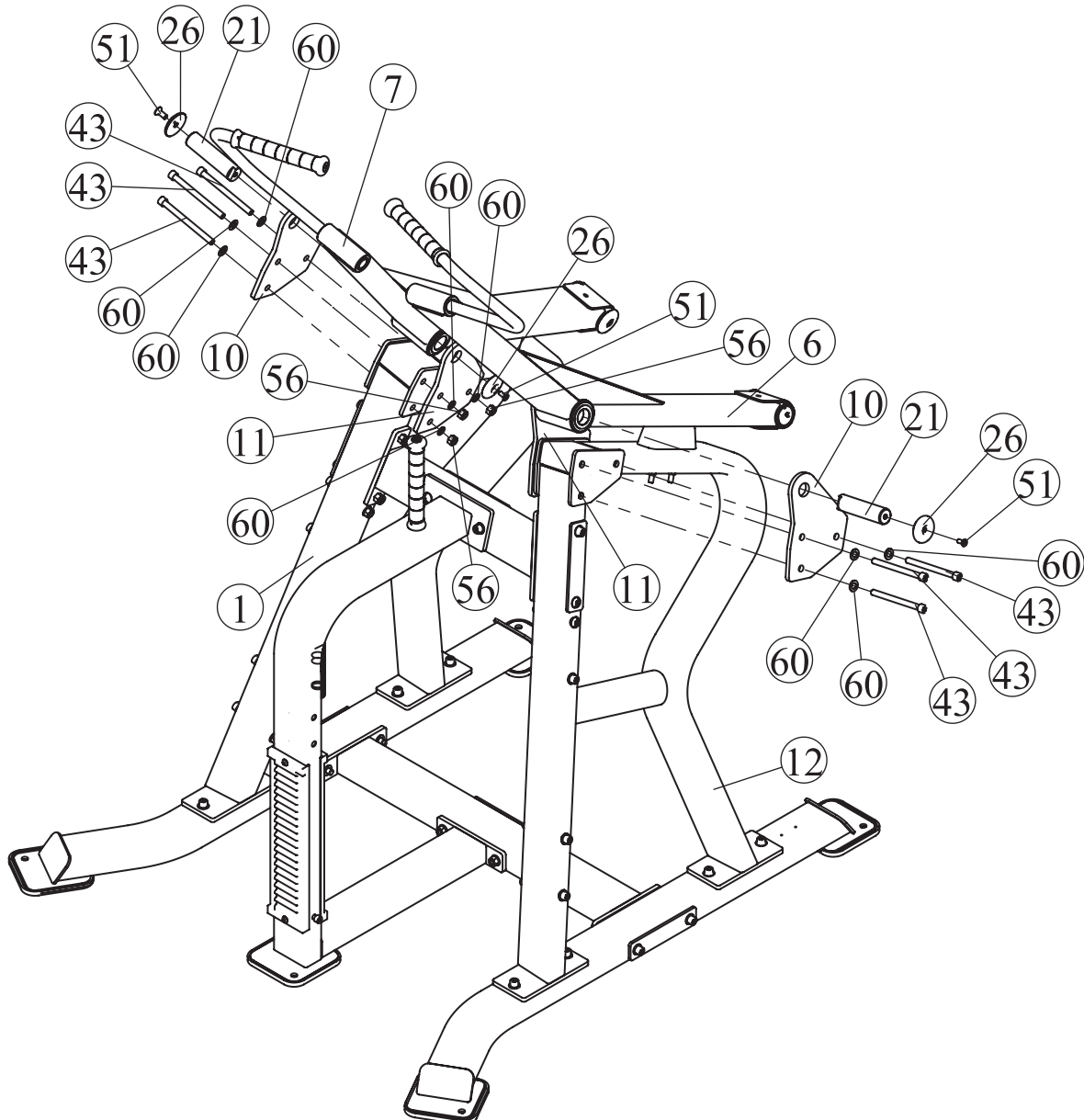
Assembly

Step 3

1. Attach the Left Arm Frame (#7) to the left Upright Frame (#1), using:

one Pivot Plate (#10)	one Pivot Plate 1 (#11)
one $\Phi 30$ Pivot Shaft (#21)	six $\Phi 13 \times \Phi 24 \times 1.5$ Flat Washers (#60)
three M12*155 SHCS (#43)	three M12 Nylon lock Nuts (#56)
two Domed Aluminium Caps (#26)	two M12*30 FHCS (#51)
2. Attach the Right Arm Frame (#6) to the Right Upright Frame (#12), using:

one Pivot Plate (#10)	one Pivot Plate 1 (#11)
one $\Phi 30$ Pivot Shaft (#21)	six $\Phi 13 \times \Phi 24 \times 1.5$ Flat Washers (#60)
three M12*155 SHCS (#43)	three M12 Nylon lock Nuts (#56)
two Domed Aluminium Caps (#26)	two M12*30 FHCS (#51)



Assembly

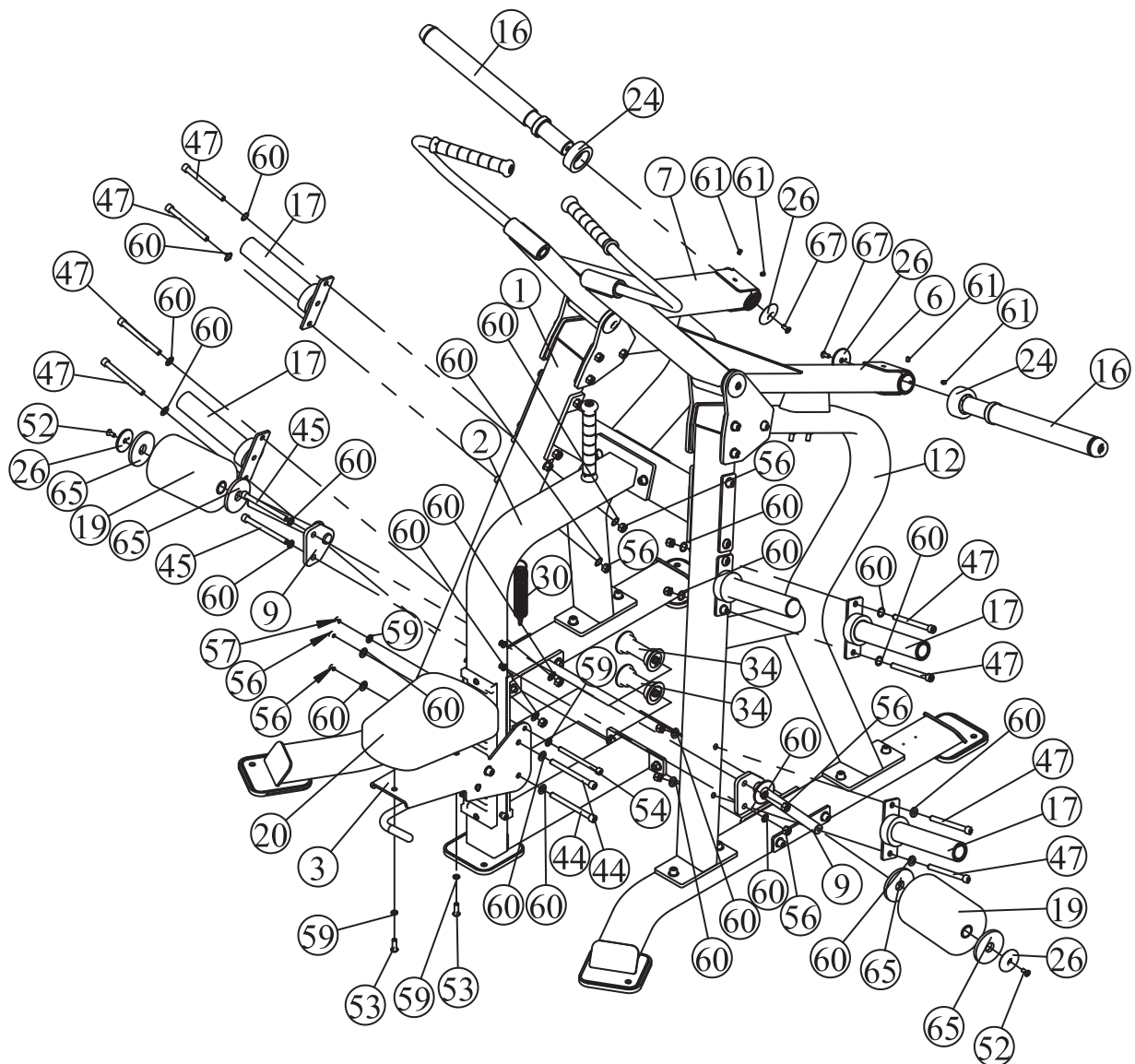
Step 4

1. Attach two Weight Horn Assembly (#16) to the Left Arm Frame (#7) and the Right Arm Frame (#6), using:
 - two Rubber Bumpers (#24)
 - two M12*50 FHCS (#67)
 - two Domed Aluminium Caps (#26)
 - four M8*6 Socket Set Screws (#61)
2. Attach the Seat Pad (#20) to the Seat Frame (#3), using:
 - two $\Phi 11 \times \Phi 20 \times 2$ Flat Washer (#59)
 - two M10*30 BHCS (#53)
3. Attach the Seat Frame (#3) to the Seat Standing Frame (#2), using:
 - two Idler Wheel Assemblys (#34)
 - two M12*145 SHCS (#44)
 - four $\Phi 13 \times \Phi 24 \times 1.5$ Flat Washers (#60)
 - two M12 Nylon lock Nuts (#56)
4. Attach two Foam Brackets (#9) to the Seat Standing Frame (#2), using:
 - four $\Phi 13 \times \Phi 24 \times 1.5$ Flat Washers (#60)
 - two M12*140 SHCS (#45)
 - two M12 Nylon lock Nuts (#56)
5. Attach two Foams (#19) to the Foam Bracket (#9), using:
 - four $\Phi 90$ Aluminium Rings (#65)
 - two M10*25 FHCS (#52)
 - two Domed Aluminium Caps (#26)
5. Attach four Weight Plate Storages (#17) to the left Upright Frame (#1) and the Right Upright Frame (#12), using:
 - sixteen $\Phi 13 \times \Phi 24 \times 1.5$ Flat Washers (#60)
 - eight M12*125 SHCS (#47)
 - eight M12 Nylon lock Nuts (#56)
6. Attach the Pull Spring (#30) to Seat Frame (#3) and the Seat Standing Frame (#2), using:
 - two $\Phi 11 \times \Phi 20 \times 2$ Flat Washers (#59)
 - one M10*145 SHCS (#54)
 - one M10 Nylon lock Nut (#57)

NOTE: Tighten all the hardware.

Assembly

Step 4



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 bolt 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.

Specifications

Class: S

Maximum Wt.Capacity: 300Kg/660lbs

