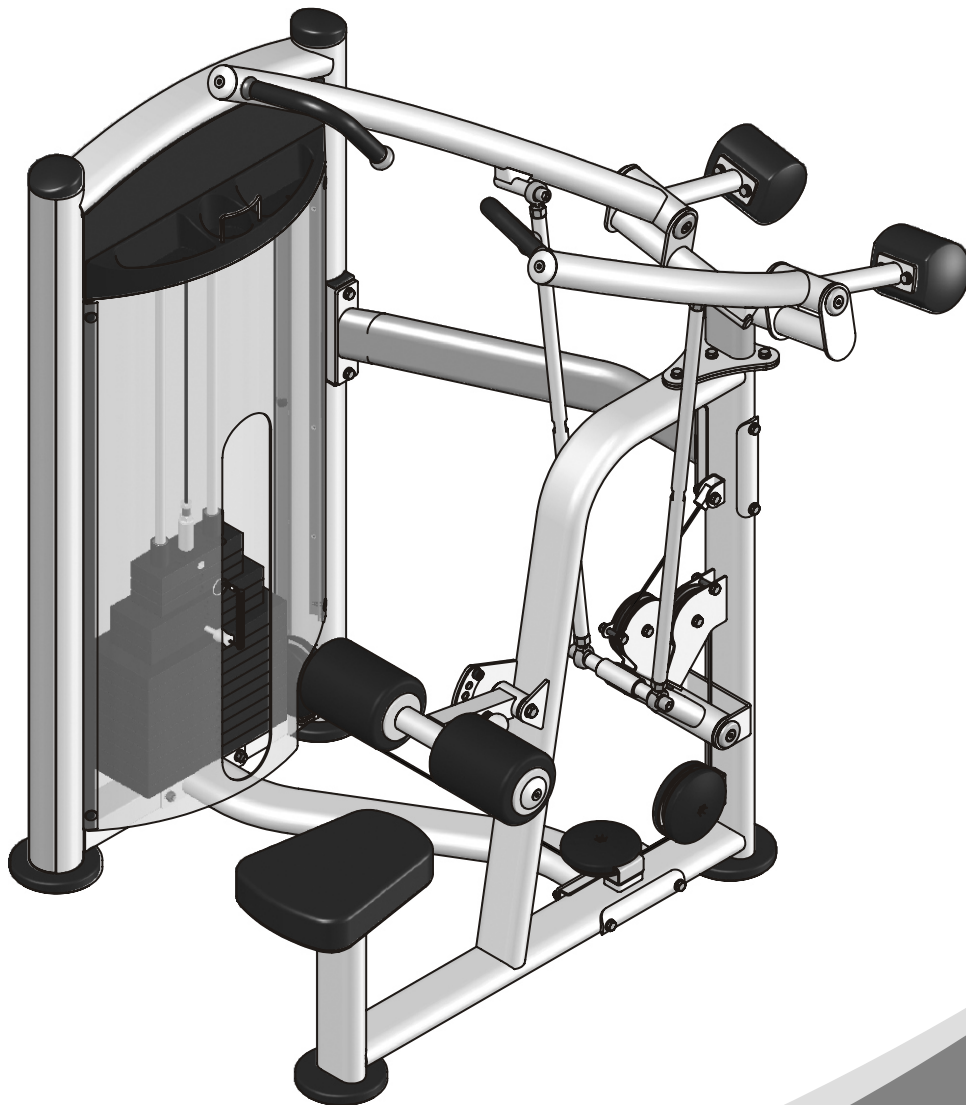


IT9302

LAT PULL

OWNER'S MANUAL



! CAUTION

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

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Please assemble according to the actual **weights and Shroud** you buy !

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

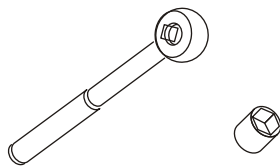
- * Read each step in the assembly instructions and follow the steps in sequence. Do not skip ahead. If you skip ahead, you may learn later that you have to disassemble components and that you may have damaged the equipment.
- * Assemble and operate the equipment on a solid, level surface. Locate the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

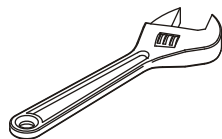
Before beginning assembly please take the time to read instructions thoroughly. Please use the various lists in this manual to make sure that all parts have been included in your shipment. When ordering, use part number and description from the lists. Use only our replacement part when servicing. Failure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

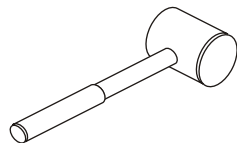
Tools Required



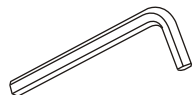
Ratchet Wrench and Socket



Adjustable Wrench



Rubber Mallet



Hex Key Wrench Set

Parts List

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

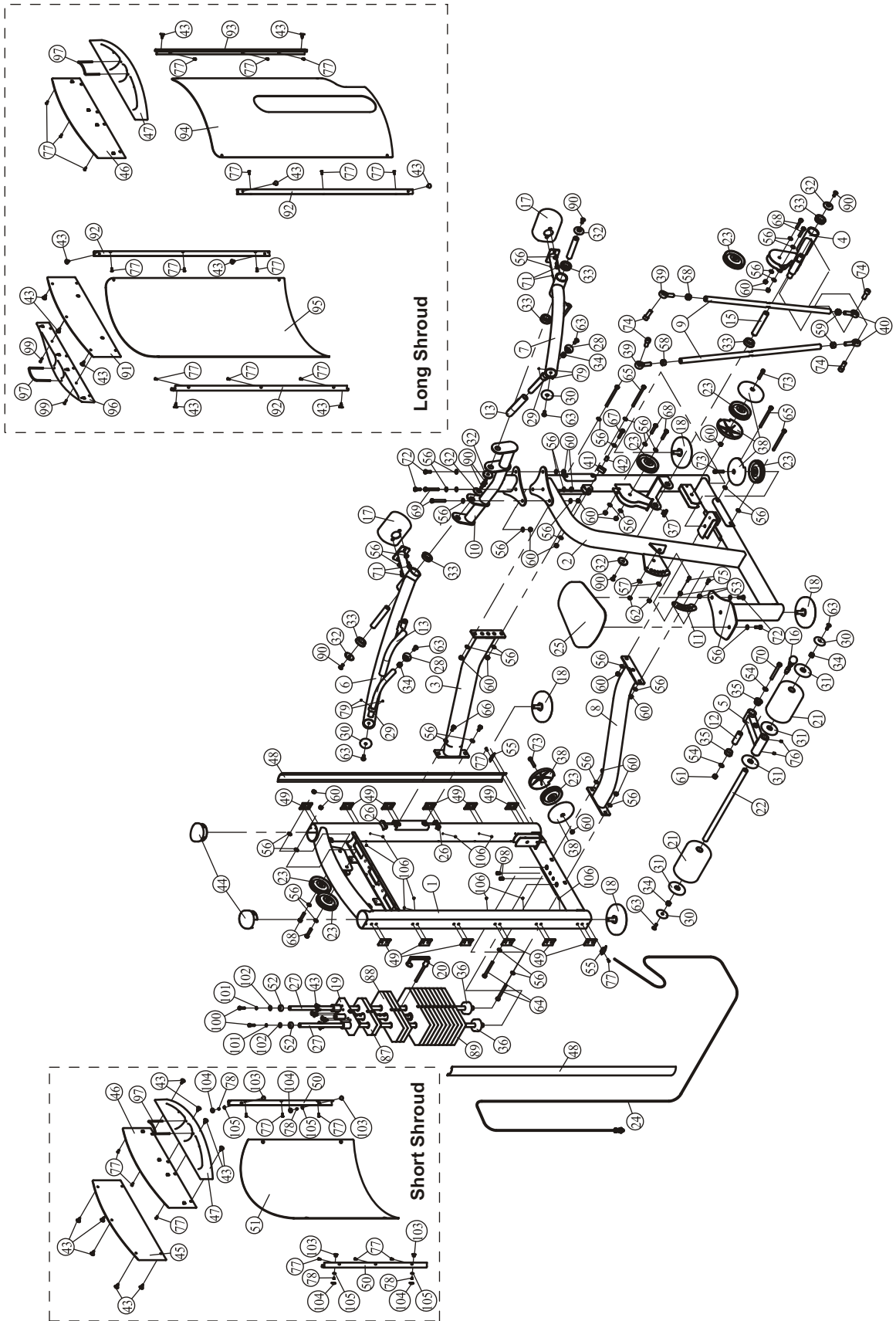
Item No.	Description	Qty	Item No.	Description	Qty
1	Weight Stack Frame	1	27	Guide Rod $\Phi 19 \times 1177$	2
2	Main Fram	1	28	Aluminium Grip Cap	2
3	Rear Cross Brace	1	29	Aluminium Grip Ring	2
4	Sway Pulley Bracket	1	30	Big Aluminium Cap $\Phi 60 \times \Phi 10.5 \times 10.9$	4
5	Foam Frame	1	31	Aluminium Ring $\Phi 90 \times \Phi 26.2 \times 8.5$	4
6	Left Pull Arm	1	32	Aluminium Cap $\Phi 50 \times \Phi 10.5 \times 8$	6
7	Right Pull Arm	1	33	Bearing $\Phi 50.8 \times \Phi 25.4 \times 15.9$	6
8	Bottom Cross Brace	1	34	Nut $25 \times 2.5 \times 21.6$	4
9	Rod $\Phi 25.4 \times 855$	2	35	Bushing $\Phi 38 \times \Phi 25.4 \times 18$	2
10	Upper Frame	1	36	Weight Rubber Bumper	2
11	Scaleboard	1	37	Elliptical Rubber Bumper	1
12	Foam Axle $\Phi 25.4 \times \Phi 12.5 \times 72.5$	1	38	Pulley Cover	5
13	Grip ST $\Phi 30 \times \Phi 22 \times 355$	2	39	Tie Rod End M16 $\times \Phi 16$	2
14	Pivot Axle $\Phi 25.4 \times 144$	2	40	Tie Rod End M16 $\times \Phi 16(L)$	2
15	Pivot Axle $\Phi 25.4 \times 158$	1	41	Cable End $\Phi 25.4 \times \Phi 10 \times 37$	1
16	Pin	1	42	Spacer $\Phi 10 \times \Phi 14 \times 20$	1
17	Rubber Counterweight	2	43	Button $\Phi 8 \times \Phi 20 \times 23$	19
18	Adjustable Foot plate	4	44	Plug $\Phi 95.4 \times 61$	2
19	Top Plate	1	45	Top Rear Shroud	1
20	Selector Pin W/Coil	1	46	Top Front Shroud	1
21	Short Foam	2	47	Support	1
22	Foam Tube	1	48	Side Cover	2
23	4.5" Pulley	7	49	Plastic Block	12
24	Cable	1	50	Short Shroud Retainer Plate	2
25	Seat Pad	1	51	Shroud	1
26	Plug	2	52	Rubber Plug $\Phi 29 \times \Phi 19 \times 10$	2

Parts List

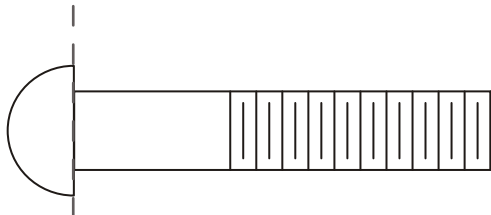
NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

Item No.	Description	Qty	Item No.	Description	Qty
53	Rubber Sleeve $\Phi 17 \times 10.5$	2	79	Socket Set Screw 10-32*3.2	4
54	Flat Washer $\Phi 13 \times \Phi 24 \times 1.5$	2	80	Hex Key S=12	1
55	L Bracket	2	81	Hex Key S=3/32"	1
56	Flat Washer $\Phi 11 \times \Phi 20 \times 2$	42	82	Hex Key S=4	1
57	Flat Washer $\Phi 9 \times \Phi 16 \times 1.6$	2	83	Hex Key S=6	1
58	Hex Nut M16(L)	2	84	Hex Key S=8	1
59	Hex Nut M16	2	85	Wrench $\Phi 6 \times 117$	1
60	Nylon Lock Nut M10	19	86	Lube	1
61	Nylon Lock Nut M12	1	90	Flat Head Cap Screw M10*25	6
62	Nylon Lock Nut M8	2	91	Top Rear Shroud-A	1
63	Flat Head Cap Screw M10*30	6	92	Shroud Retainer Plate	3
64	Hex Head Bolt M10*100	2	93	Right Shroud Retainer Plate	1
65	Hex Head Bolt M10*135	4	94	Front Shroud	1
66	Hex Head Bolt M10*20	2	95	Rear Shroud	1
67	Hex Head Bolt M10*45	1	96	Rear Support	1
68	Hex Head Bolt M10*50	6	97	Arc Bracket	1
69	Hex Head Bolt M10*80	2	98	Rivet Nut M8	2
70	Hex Head Bolt M12*100	1	99	Flat Philips Screw M5*25	2
71	Hex Head Bolt M10*25	4	100	Hex Head Bolt M8*30	2
72	Hex Head Bolt M10*30	4	101	Spring Washer $\Phi 8$	2
73	Socket Head Cap Screw M10*50	3	102	Flat Washer $\Phi 9 \times \Phi 22 \times 1.6$	2
74	Socket Head Cap Screw M16*40	4	103	Connect Button $\Phi 18 \times 12$	4
75	Socket Head Cap Screw M8*20	2	104	Plastic Cover $\Phi 21 \times 5.7$	4
76	Socket Set Screw M8*8	2	105	Plastic Washer $\Phi 13 \times 3$	4
77	Flat Philips Screw M5*16	17	106	Button $\Phi 8.1 \times 7$	10
78	Self-Tapping Screw ST4.2*10	4			

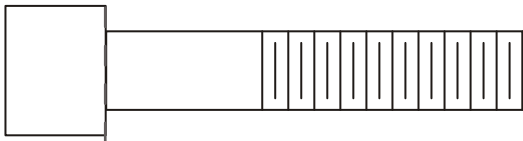
Exploded View



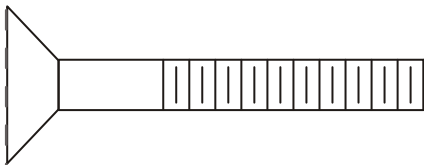
Measurement Guide



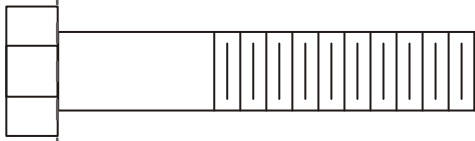
BHCS = Button Head Cap Screw



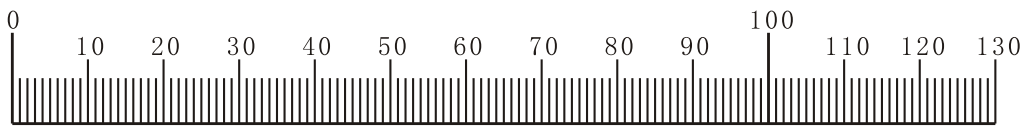
SHCS = Socket Head Cap Screw



FHCS = Flat Head Cap Screw



HHB = Hex Head Bolt



Millimeters



Inches

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.

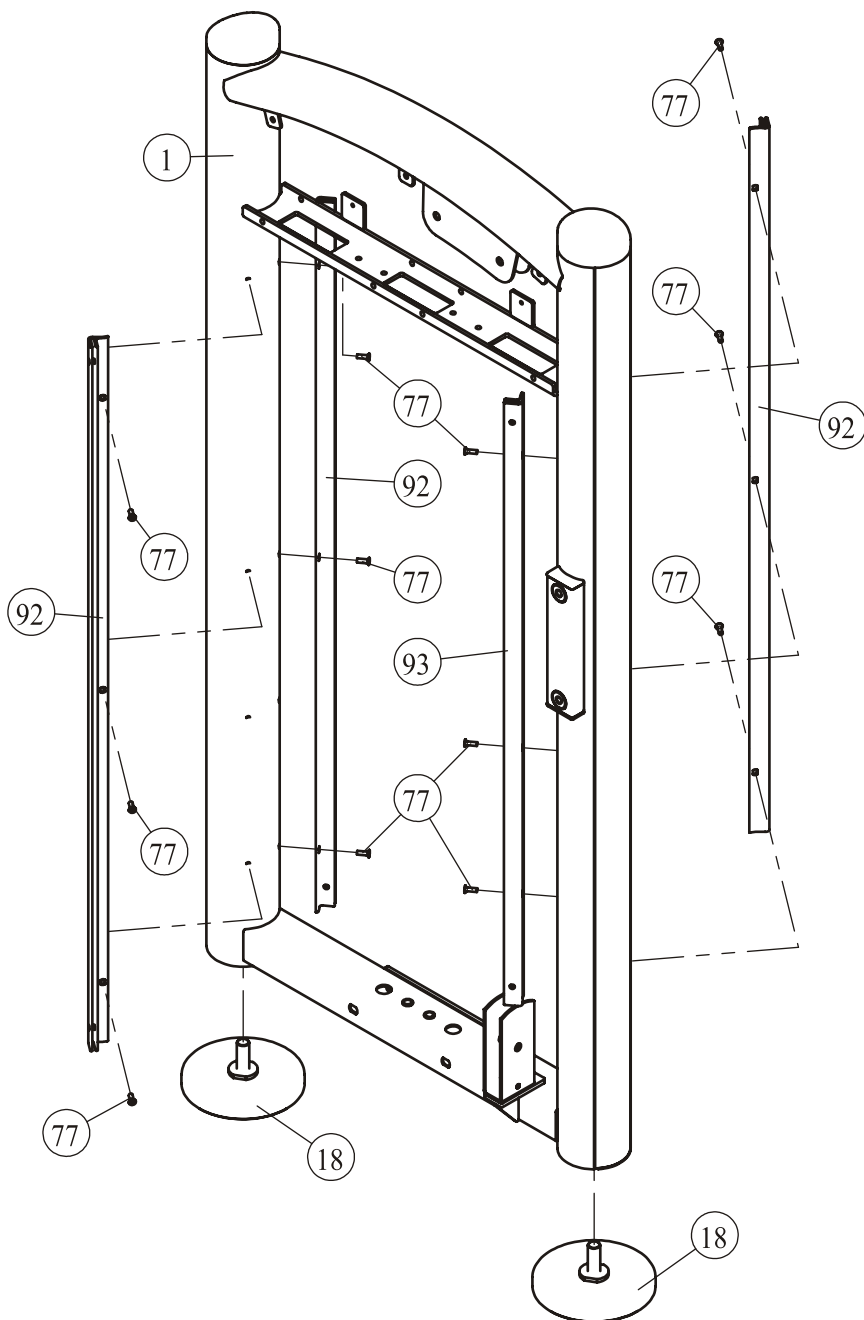
Assembly

STEP 1

1. Attach two Adjustable Foot plates (#18) to the Weight Stack Frame (#1).
2. Attach three Shroud Retainer Plates (#92) and one Right Shroud Retainer Plate (93) to the Weight Stack Frame (#1) using:
twelve M5*16 Flat Philips Screws (#77)

Note: Wrench Tighten Screws.

Here is the assembly instruction for Long Shroud !



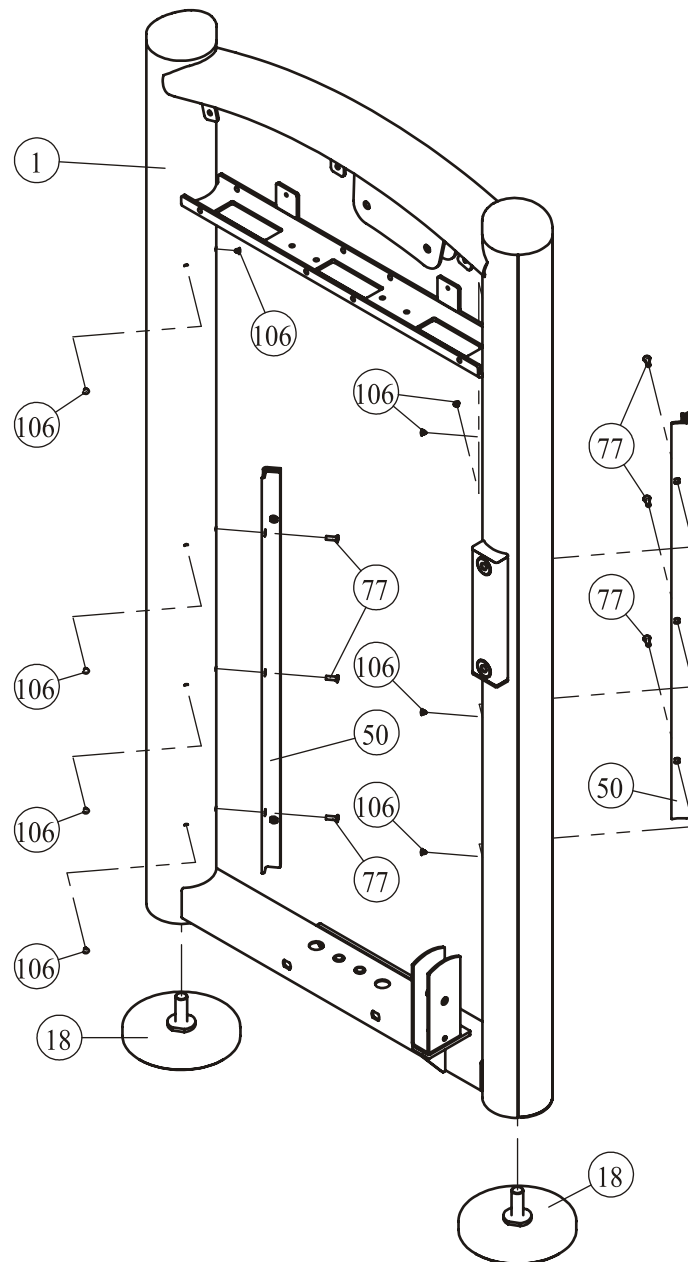
Assembly

STEP 1

1. Attach two Adjustable Foot plates (#18) to the Weight Stack Frame (#1).
2. Attach two Short Shroud Retainer Plates (#50) to the Weight Stack Frame (#1) using:
six M5*16 Flat Philips Screws (#77)
3. Attach nine Buttons (#106) to the Weight Stack Frame (#1).

Note: Wrench Tighten Screws.

Here is the assembly instruction for **Short Shroud !**



Assembly

STEP 2

1. Attach two Adjustable Foot plate (#18) to the Main Frame (#2).
2. Attach the Bottom Cross Brace (#8) to the Weight Stack Frame (#1) and the Main Frame (#2) using:

two M10*100 HHB (#64)

two M10*135 HHB (#65)

eight $\Phi 11*\Phi 20*2$ Flat Washers (#56)

four M10 Nylon Lock Nuts (#60)

3. Attach the Rear Cross Brace (#3) to the Weight Stack Frame (#1) and the Main Frame (#2) using:

two M10*135 HHB (#65)

two M10*20 HHB (#66)

six $\Phi 11*\Phi 20*2$ Flat Washers (#56)

two M10 Nylon Lock Nuts (#60)

4. Attach the Upper Frame (#10) to the Main Frame (#2) using:

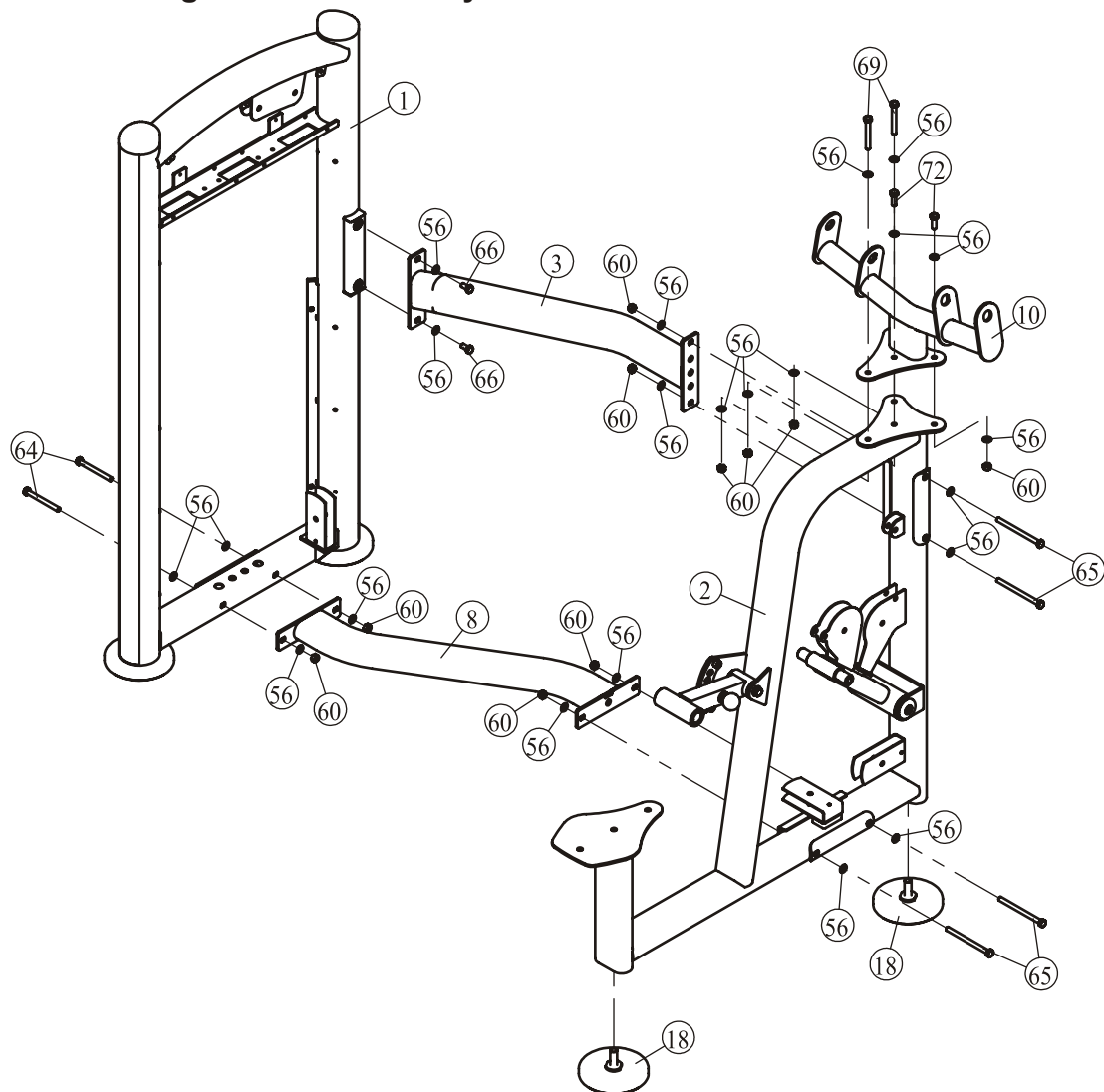
two M10*80 HHB (#69)

two M10*30 HHB (#72)

eight $\Phi 11*\Phi 20*2$ Flat Washers (#56)

four M10 Nylon Lock Nuts (#60)

Note: Hand tighten Bolts and Nylon Lock nuts.

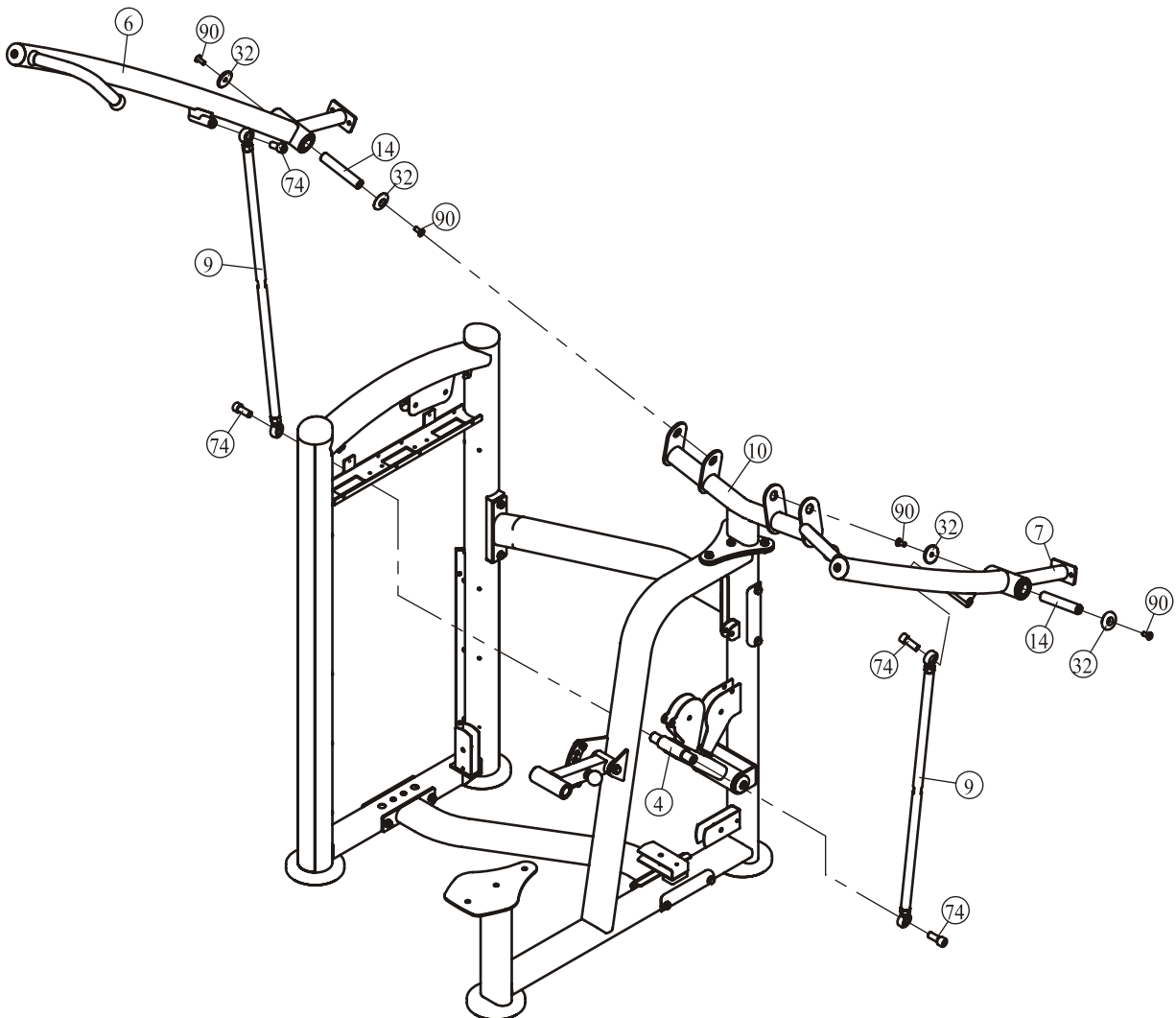


Assembly

STEP 3

1. Attach the Left Pull Arm (#6) to the Upper Frame (#10) using:
one $\Phi 25.4 \times 144$ Pivot Axle (#14) two $\Phi 50 \times \Phi 10.5 \times 8$ Aluminium Caps (#32)
two M10*25 Flat Head Cap Screws (#90)
2. Attach the Right Pull Arm (#7) to the Upper Frame (#10) using:
one $\Phi 25.4 \times 144$ Pivot Axle (#14) two $\Phi 50 \times \Phi 10.5 \times 8$ Aluminium Caps (#32)
two M10*25 Flat Head Cap Screws (#90)
3. Attach one Rod (#9) to the Left Pull Arm (#6) and the Sway Pulley Bracket (#4) using:
two M16*40 SHCS (#74)
4. Attach one Rod (#9) to the Right Pull Arm (#7) and the Sway Pulley Bracket (#4) using:
two M16*40 SHCS (#74)

Note: Wrench Tighten Bolts and Nylon Lock nuts.



Assembly

STEP 4

1. Attach:

two Guide Rod (#27)

ten Weight Plate 15LBS (#89)

two Weight Plate 5LBS (#87)

to the Weight Stack Frame (#1) using:

two M8*30 HHB (#100)

two $\Phi 9 \times \Phi 22 \times 1.6$ Flat Washers (#102)

two $\Phi 63.5 \times \Phi 19 \times 25.4$ Weight Rubber Bumper (#36)

three Weight Plate 10LBS (#88)

one Top Plate (#19)

two $\Phi 8$ Spring Washers (#101)

two $\Phi 29 \times \Phi 19 \times 10$ Rubber Plugs (#52)

Attach the Selector Pin W/Coil (#20) to the Top Plate (#19).

2. Attach eight Buttons (#43) to the Top Plate (#19).

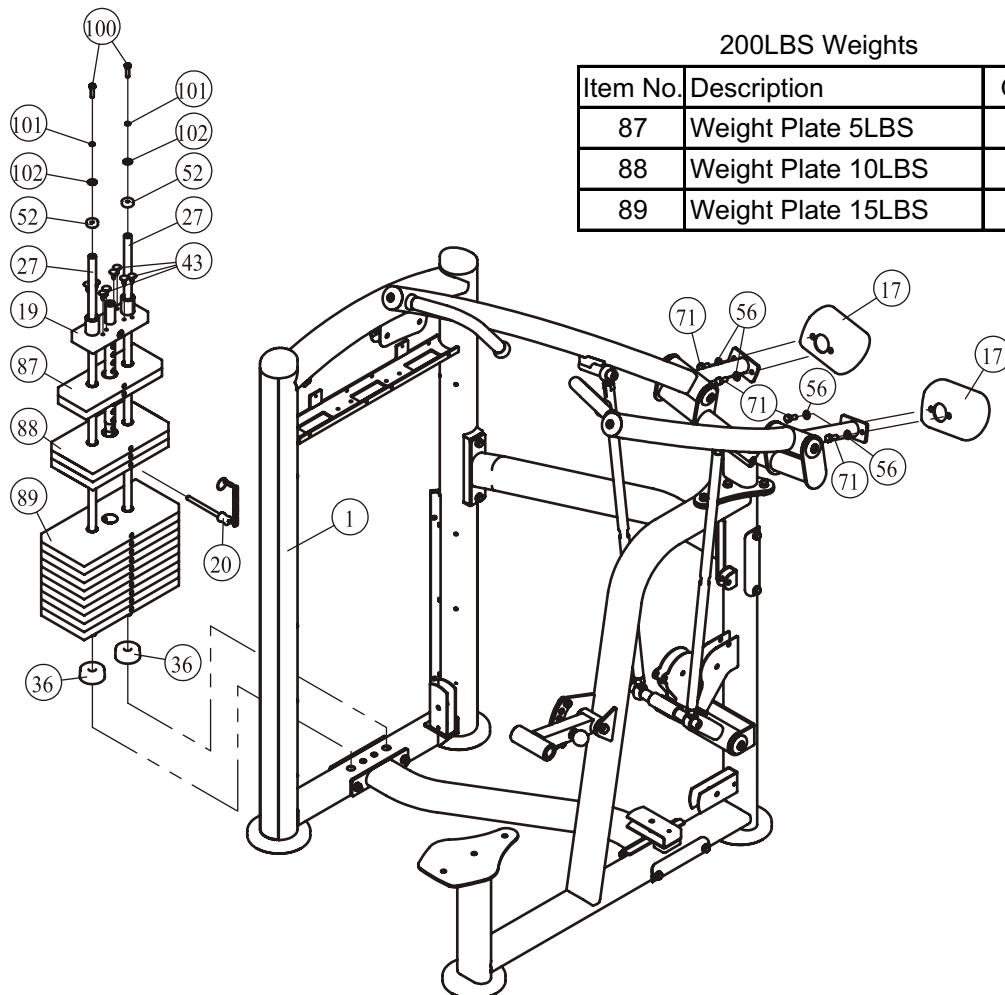
3. Attach two Rubber Counterweights (#17) to the Left Pull Arm (#6) and the Right Pull Arm (#7) using:

four M10*25 HHB (#71)

four $\Phi 11 \times \Phi 20 \times 2$ Flat Washers (#56)

Note: Wrench Tighten Bolts and Nylon Lock nuts.

Here is the assembly instruction for 200LBS Weights !



200LBS Weights

Item No.	Description	Qty
87	Weight Plate 5LBS	2
88	Weight Plate 10LBS	3
89	Weight Plate 15LBS	10

Assembly

STEP 4

1. Attach:

two Guide Rod (#27)

ten Weight Plate 20LBS (#89)

two Weight Plate 10LBS (#87)

to the Weight Stack Frame (#1) using:

two M8*30 HHB (#100)

two $\Phi 9 \times \Phi 22 \times 1.6$ Flat Washers (#102)

two $\Phi 63.5 \times \Phi 19 \times 25.4$ Weight Rubber Bumper (#36)

three Weight Plate 15LBS (#88)

one Top Plate (#19)

two $\Phi 8$ Spring Washers (#101)

two $\Phi 29 \times \Phi 19 \times 10$ Rubber Plugs (#52)

Attach the Selector Pin W/Coil (#20) to the Top Plate (#19).

2. Attach eight Buttons (#43) to the Top Plate (#19).

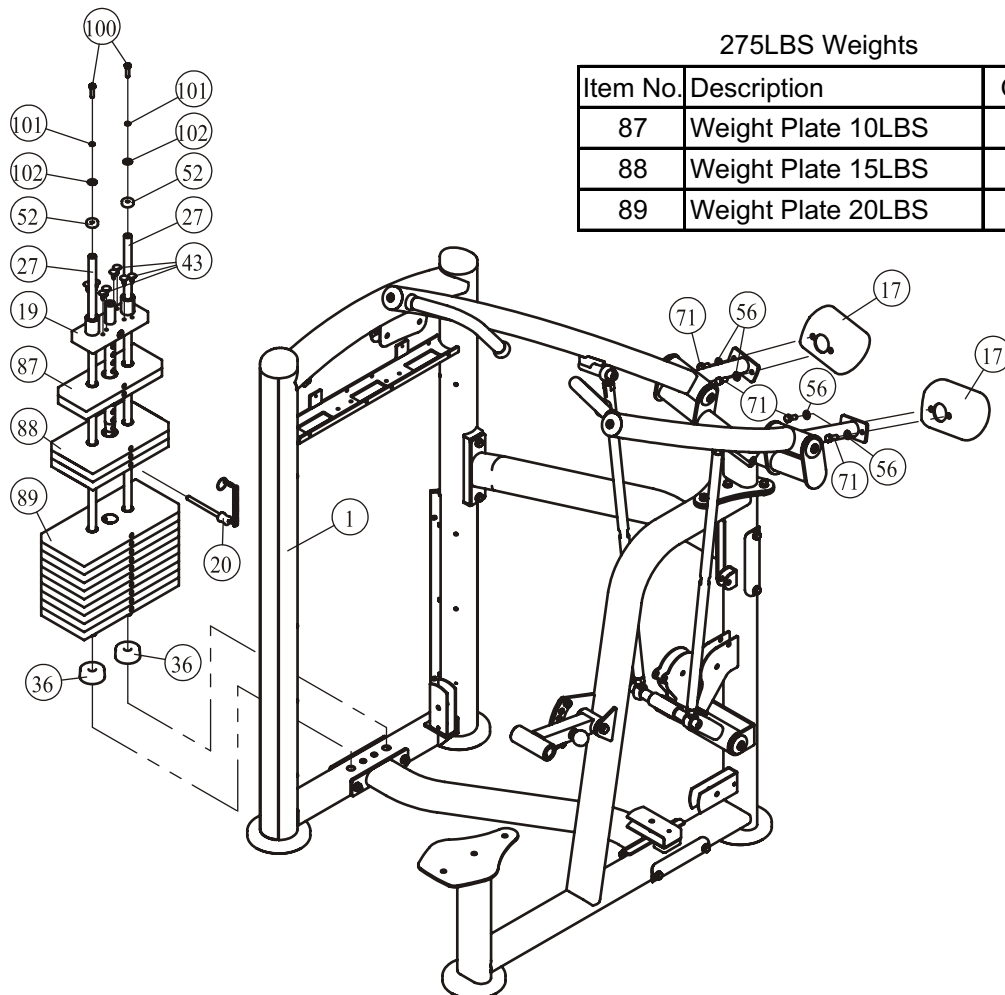
3. Attach two Rubber Counterweights (#17) to the Left Pull Arm (#6) and the Right Pull Arm (#7) using:

four M10*25 HHB (#71)

four $\Phi 11 \times \Phi 20 \times 2$ Flat Washers (#56)

Note: Wrench Tighten Bolts and Nylon Lock nuts.

Here is the assembly instruction for 275LBS Weights !



275LBS Weights

Item No.	Description	Qty
87	Weight Plate 10LBS	2
88	Weight Plate 15LBS	3
89	Weight Plate 20LBS	10

Assembly

STEP 5

1. Attach three 4.5" Pulleys (#23) to the Weight Stack Frame (#1) using:

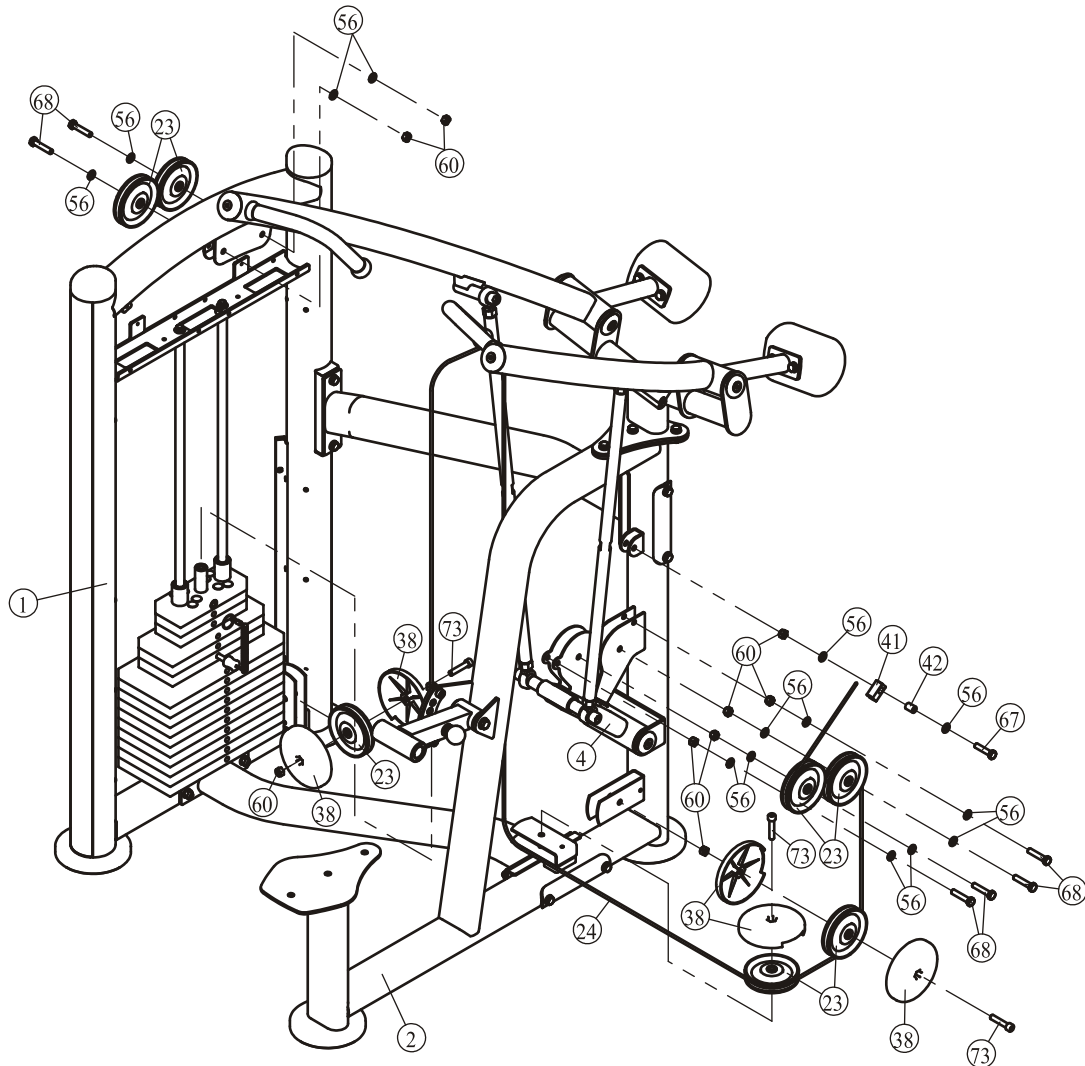
two M10*50 HHB (#68)	one M10*50 SHCS (#73)
four $\Phi 11*\Phi 20*2$ Flat Washers (#56)	three M10 Nylon lock Nuts (#60)
two $\Phi 140*26$ Pulley Covers (#38)	
2. Attach three 4.5" Pulleys (#23) to the Main Frame (#2) using:

two M10*50 HHB (#68)	two M10*50 SHCS (#73)
four $\Phi 11*\Phi 20*2$ Flat Washers (#56)	three M10 Nylon lock Nuts (#60)
three $\Phi 140*26$ Pulley Covers (#38)	
3. Attach one 4.5" Pulley (#23) to the Sway Pulley Bracket (#4) using:

two M10*50 HHB (#68)	four $\Phi 11*\Phi 20*2$ Flat Washers (#56)
two M10 Nylon lock Nuts (#60)	
4. Attach the Cable (#24) to the Top Plate (#19) and the Main Frame (#2) using:

one M10*45 HHB (#67)	two $\Phi 11*\Phi 20*2$ Flat Washers (#56)
one M10 Nylon Lock Nut (#60)	one $\Phi 25.4*\Phi 10*37$ Cable End (#41)
one $\Phi 10*\Phi 14*20$ Spacer (#42)	

Note: Wrench Tighten Bolts and Nylon Lock nuts.



Assembly

STEP 6

1. Attach the Seat Pad (#25) to the Main Frame (#2) using:

two M10*30 HHB (#72)

two $\Phi 11 \times \Phi 20 \times 2$ Flat Washers (#56)

2. Attach two Short Foam (#21) to the Foam Frame (#5) using:

one Foam Tube (#22)

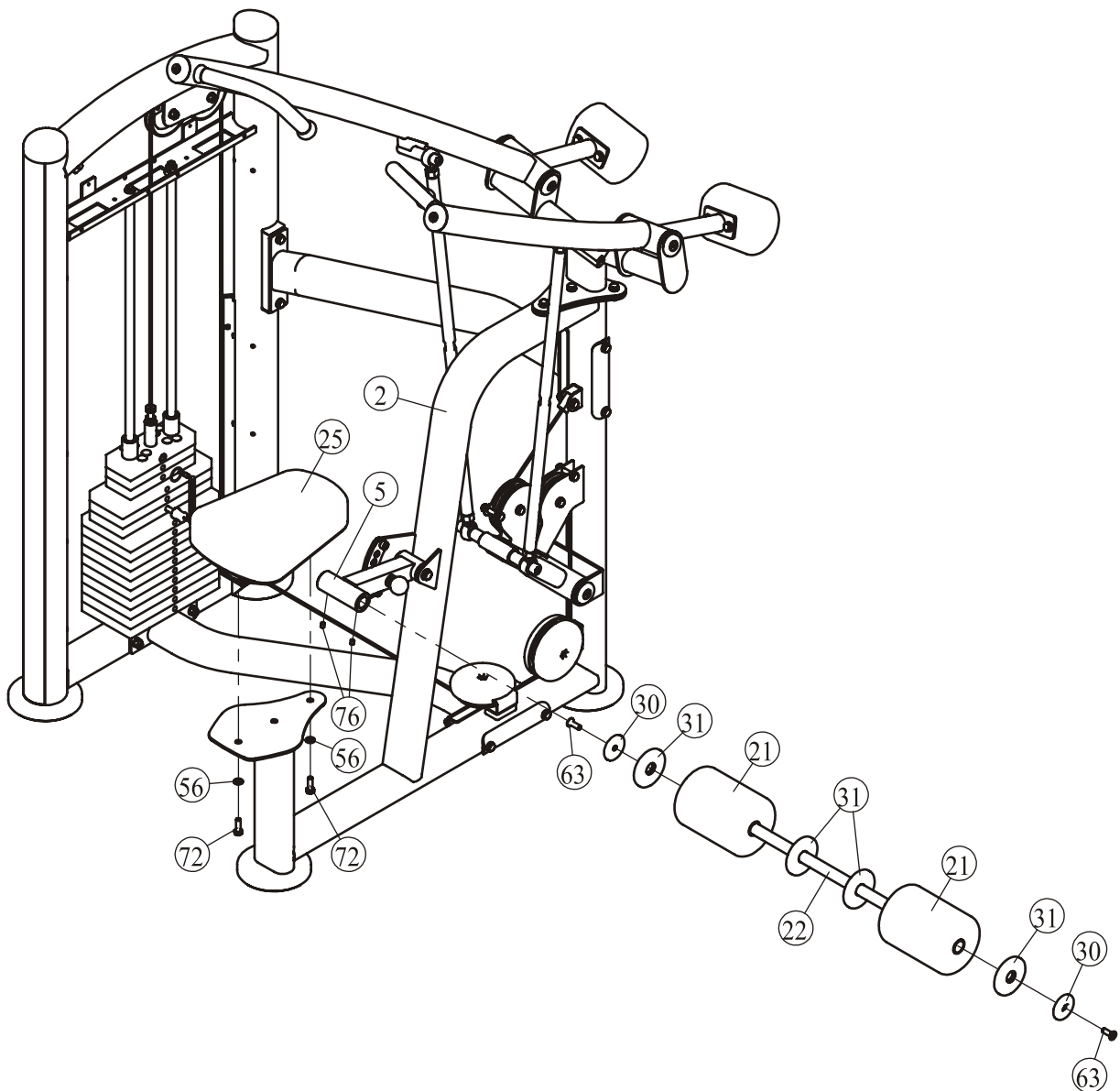
four $\Phi 90 \times \Phi 26.2 \times 8.5$ Aluminium Ring (#31)

two $\Phi 60 \times \Phi 10.5 \times 10.9$ Aluminium Cap (#30)

two M10*30 FHCS (#63)

Wrench Tighten two M8*8 Socket Set Screws(#76).

Note: Wrench Tighten Bolts and Nylon Lock nuts.



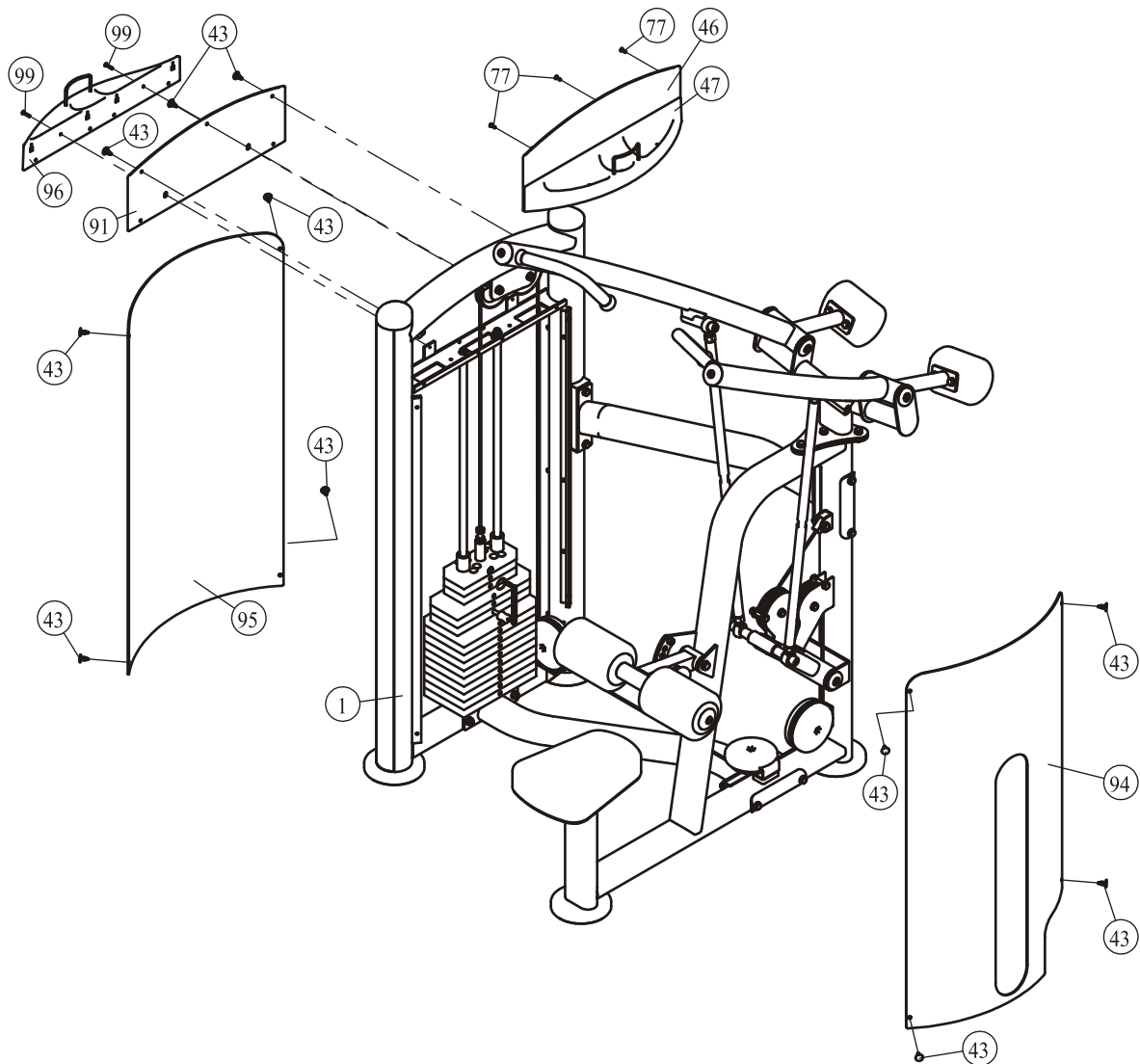
Assembly

STEP 7

1. Attach the Front Shroud (#94) and the Rear Shroud (#95) to the Weight Stack Frame (#1) using:
eight $\Phi 8 \times \Phi 20 \times 23$ Buttons (#43)
2. Attach the Top Front Shroud (#46) and the Support (#47) to the Weight Stack Frame (#1) using:
three M5*16 Flat Philips Screw (#77)
3. Attach the Top Rear Shroud-A (#91) and the Rear Support (#96) to the Weight Stack Frame (#1) using:
three $\Phi 8 \times \Phi 20 \times 23$ Buttons (#43) two M5*25 Flat Philips Screw (#99)

Note: Wrench Tighten Bolts and Nylon Lock nuts.

Here is the assembly instruction for Long Shroud !



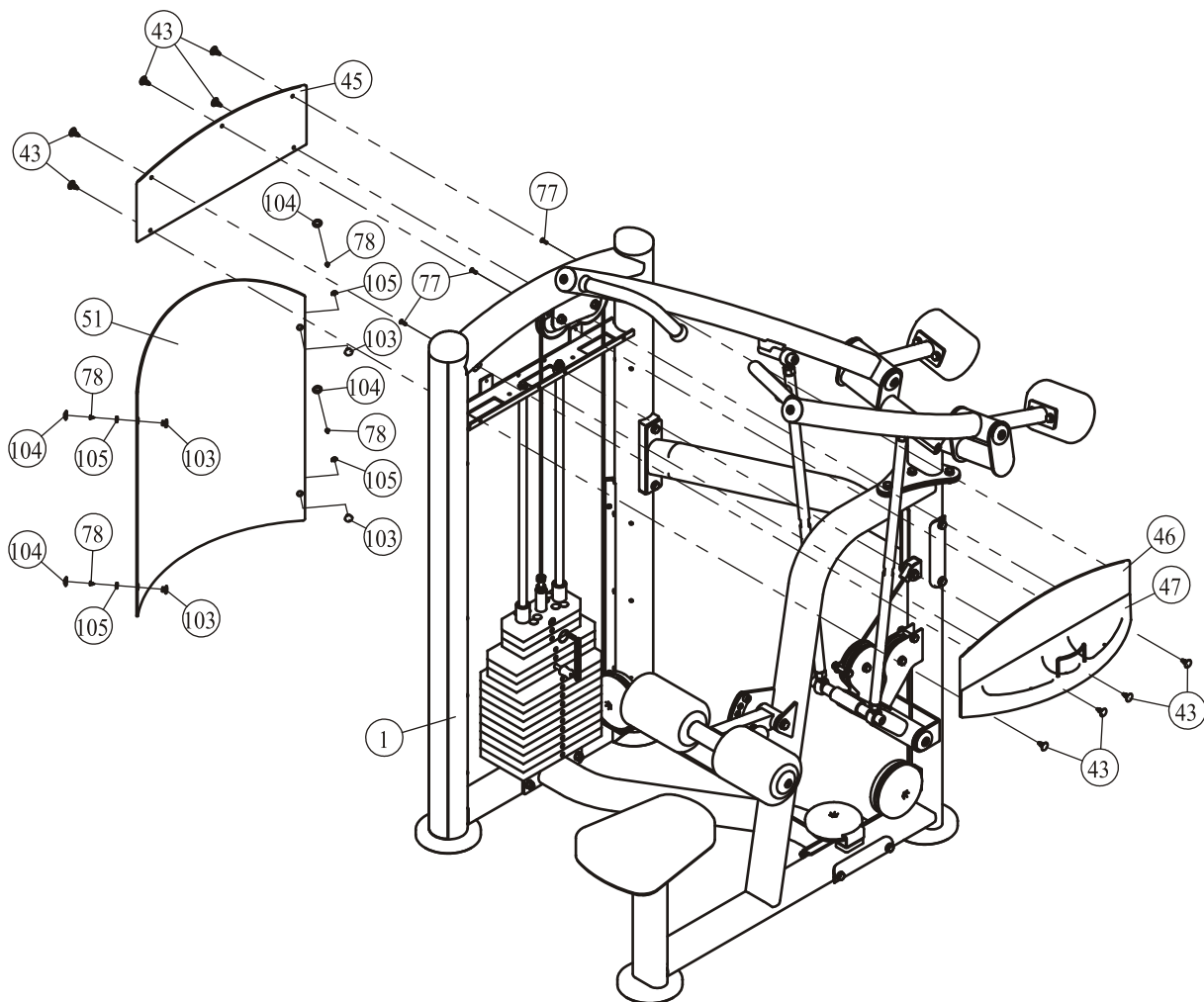
Assembly

STEP 7

1. Attach the Shroud (#51) to the Weight Stack Frame (#1) using:
four $\Phi 18 \times 12$ Connect Buttons (#103) four $\Phi 13 \times 3$ Plastic Washers (#105)
four ST4.2*10 Self-Tapping Screws (#78) four $\Phi 21 \times 5.7$ Plastic Covers (#104)
2. Attach the Top Front Shroud (#46) and the Support (#47) to the Weight Stack Frame (#1) using:
four $\Phi 8 \times \Phi 20 \times 23$ Buttons (#43) three M5*16 Flat Philips Screws (#77)
3. Attach the Top Rear Shroud (#45) to the Weight Stack Frame (#1) using:
five $\Phi 8 \times \Phi 20 \times 23$ Buttons (#43)

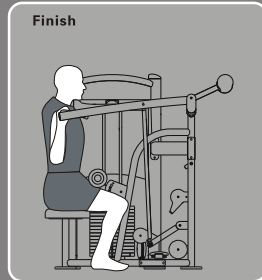
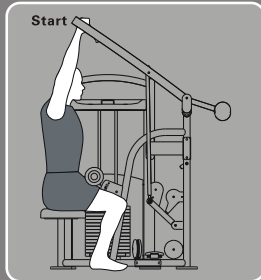
Note: Wrench Tighten Bolts and Nylon Lock nuts.

Here is the assembly instruction for **Short Shroud !**



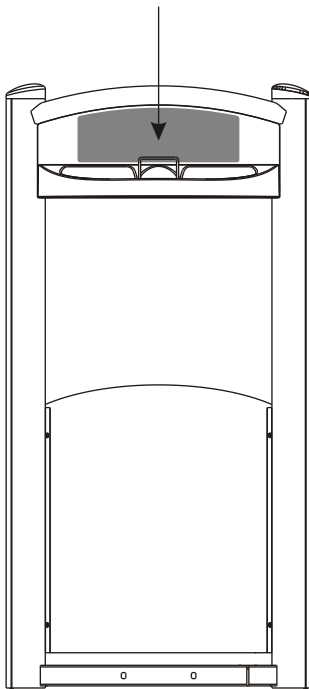
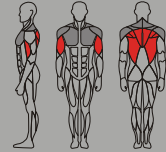
Exercise Instructions

LAT PULL



Exercise Instructions

1. Select an appropriate weight.
2. Adjust roller for desired positioning.
3. Hold handles, move slowly down toward shoulder.
4. Slowly return to the starting position.



Exercise Instructions

1. Select an appropriate weight.
2. Adjust roller for desired positioning.
3. Hold handles, move slowly down toward shoulder.
4. Slowly return to the starting position.
(Adjust weight according to the select pin)

Specifications

Class: S

Maximum Wt. Capacity: 125Kg/ 275lbs.

Maximum Load of Trainer: 150Kg/ 330lbs.

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.

