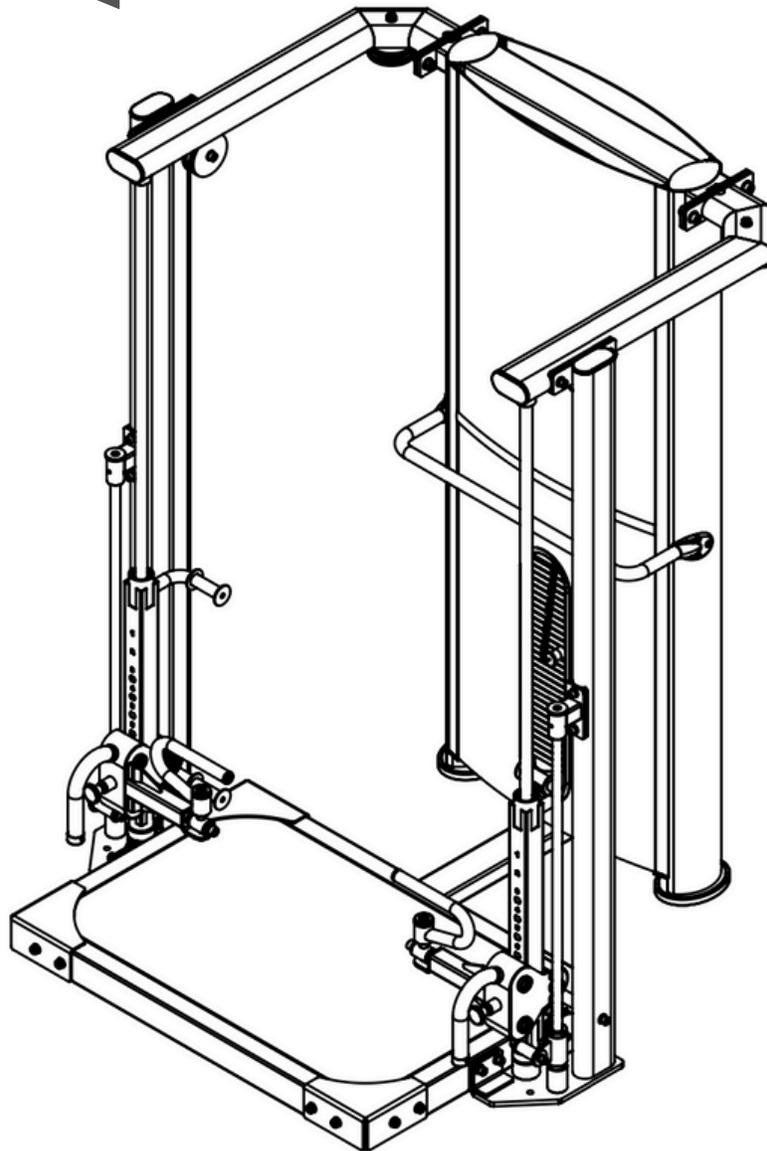


Owners Manual

Model
#ABS1024

DLMTM

THE DEADLIFT MACHINE



We Change Lives from the Core®

Warranty information inside



TABLE OF CONTENTS

| | |
|--------------------------------------|---------------|
| Important Safety Instructions..... | pg. 03 |
| Instructions..... | pg. 04 |
| Parts List..... | pg. 05 |
| Exploded View..... | pg. 06 |
| Hardware Kit..... | pg. 07 |
| Measurement Guide..... | pg. 08 |
| Assembly Instruction..... | pg.09 |
| Assembly..... | pg.10 |
| General Maintenance Schedule..... | pg.16 |
| General Maintenance Information..... | pg.17 |
| Training Tips..... | pg.18 |
| Warranty..... | pg.21 |



CAUTION

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

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, as such attachments might cause injuries.
3. The product should only be used on a level surface and with 0.5 meters space around the product. Do not store the equipment outdoors.
4. The equipment is not intended for use by children under the age of 16. Children over the age of 16 should use the 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 intended to be used as or with medical apparatus/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.

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, and by following these precautions, we believe you will enjoy your new equipment and the many benefits it will provide.



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. If parts are found to be missing, please contact either your authorized dealer or us directly and reference the part name and number from the parts list. 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 or contact us directly to continue troubleshooting. Be sure to have the serial number, related part names and numbers and your manual handy when calling. Do not continue assembly, or use the equipment until all parts have been accounted for and troubleshooting is complete.

Tools Required



Ratchet Wrench and Socket



Adjustable Wrench



Rubber Mallet



Hex Key Wrench set



Phillips Screwdriver

PARTS LIST



NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

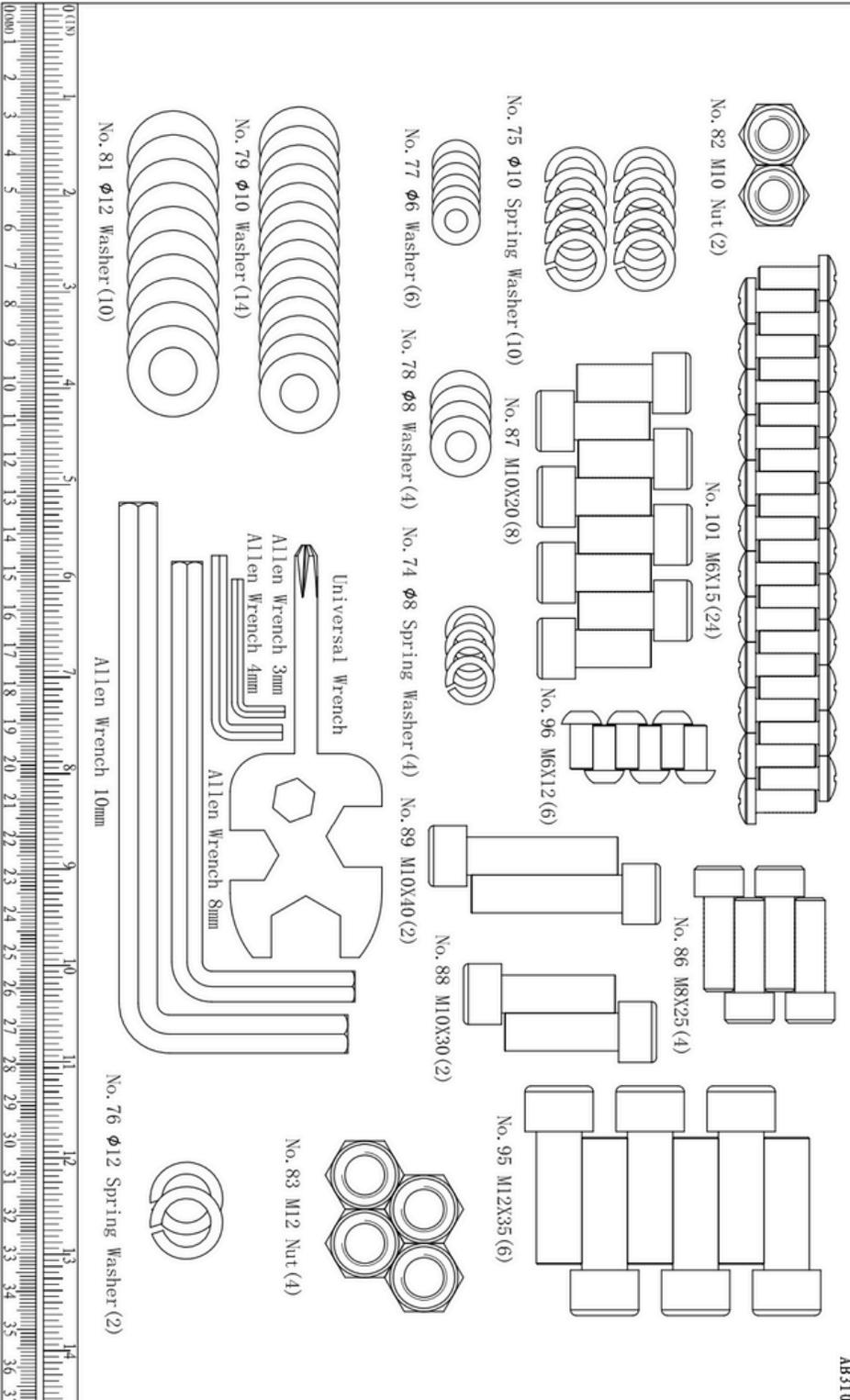
| NO. | NAME | SPECIFICATION | QUANTITY | | | | |
|-----|-----------------------------|--------------------|----------|-----|----------------------|---------------|----|
| 1 | Upright Frame | | 1 | 52 | Shaft End Cover | Φ25*Φ6.2*5 | 2 |
| 2 | Left Crossbar | . | 1 | 53 | Φ95 Pulley | Φ95*24 | 8 |
| 3 | Right Crossbar | . | 1 | 54 | Φ114 Pulley | Φ114*25.4 | 1 |
| 4 | Left Upright Frame | . | 1 | 55 | Spacing Shim | 30*70*20 | 1 |
| 5 | Right Upright Frame | . | 1 | 56 | Sleeve | 65*60*42 | 2 |
| 6 | Right Adjustable Frame | | 1 | 57 | Foot Pad | 169*129*16 | 2 |
| 7 | Left Adjustable Frame | | 1 | 58 | Bumper | Φ55*Φ20.5*50 | 2 |
| 8 | Right Sliding Frame | | 1 | 59 | Bumper | Φ55*Φ25*25 | 2 |
| 9 | Left Sliding Frame | | 1 | 60 | Φ38 Bumper | Φ38*Φ20.5*10 | 4 |
| 10 | Pedal Frame | . | 2 | 61 | Shroud Strip | 25*12*564 | 2 |
| 11 | Connection Frame | . | 1 | 62 | PT50*100 Stopper | PT50*100*2.5 | 4 |
| 12 | Guide-rod Sliding Frame | . | 2 | 63 | Handle Foam | Φ24*3*225 | 2 |
| 13 | Upper Fixing Frame | . | 2 | 64 | O ring | Φ19*1.8 | 2 |
| 14 | Long Elastic Rope Frame | . | 2 | 65 | Linear Bearing | SBE25 | 4 |
| 15 | Connection Frame | | 1 | 66 | Bearing | 61800ZZ | 12 |
| 16 | Handle Post Frame | | 2 | 67 | Bearing | 61802ZZ | 2 |
| 17 | Arm-rest Frame | | 1 | 68 | Bearing | 51102 | 2 |
| 18 | Handle Rotating Frame | | 2 | 69 | Circlip for Hole | Φ30 | 4 |
| 19 | Cable | Φ5*7450 | 1 | 70 | Circlip for Hole | Φ40 | 4 |
| 20 | Front Foot Crossbar | J50*75*2*900 | 1 | 71 | Hex Screw | M6*4 | 8 |
| 21 | Adjustment Seal | 78*81*54*3 | 2 | 72 | Hex Screw | M8*8 | 6 |
| 22 | Connecting Plate | 174*174*78*4 | 4 | 73 | Hex Thin Nut | M20*1.5 | 1 |
| 23 | Guide-rod | Φ25*1680 | 2 | 74 | Spring Washer | Φ8 | 6 |
| 24 | Guide-rod | Φ20*1520 | 2 | 75 | Spring Washer | Φ10 | 20 |
| 25 | Small Guide-rod | Φ20*920 | 2 | 76 | Spring Washer | Φ12 | 4 |
| 26 | Universal Driving Shaft | Φ25*56*M10 | 2 | 77 | Flat Washer | Φ6.6*Φ12*1.6 | 6 |
| 27 | 30+1 Selection Shaft | Φ25*570 | 1 | 78 | Flat Washer | Φ9*Φ16*1.6 | 4 |
| 28 | Roller | Φ54*49 | 6 | 79 | Flat Washer | Φ11*Φ20*2 | 56 |
| 29 | Large Rubber Particle Board | 600*565*50 | 1 | 80 | Big Washer | Φ11*Φ34*3 | 2 |
| 30 | Plastic Sleeve | Φ29.5*Φ20.5*24.5 | 4 | 81 | Flat Washer | Φ13.5*Φ24*2.5 | 12 |
| 31 | Left Shield guide | 32*25*3*1684 | 2 | 82 | Nut | M10 | 33 |
| 32 | Front Bottom Shroud | 839*605*3 | 1 | 83 | Nut | M12 | 4 |
| 33 | Back Shroud | 839*605*3 | 3 | 84 | Hex Socket Head Bolt | M5*8 | 8 |
| 34 | Plastic Strip | 10*8*2.5*1480 | 1 | 85 | Hex Socket Head Bolt | M8*15 | 2 |
| 35 | Bolt Decorative Cover | Φ33*Φ10.2*10 | 12 | 86 | Hex Socket Head Bolt | M8*25 | 4 |
| 36 | Wooden Pedal | 900*565*25 | 1 | 87 | Hex Socket Head Bolt | M10*20 | 10 |
| 37 | Right Shield guide | 32*25*3*1684 | 2 | 88 | Hex Socket Head Bolt | M10*30 | 10 |
| 38 | Pin | . | 2 | 89 | Hex Socket Head Bolt | M10*40 | 2 |
| 39 | Small Rubber Particle Board | 565*300*50 | 1 | 90 | Hex Socket Head Bolt | M10*45 | 7 |
| 40 | Grip | Φ21*3*900 | 1 | 91 | Hex Socket Head Bolt | M10*50 | 1 |
| 41 | Pulley Frame | . | 1 | 92 | Hex Socket Head Bolt | M10*90 | 6 |
| 42 | Handle Cover | Φ33*Φ26*19 | 2 | 93 | Hex Socket Head Bolt | M10*95 | 2 |
| 43 | Handle Ring | Φ33*10 | 2 | 94 | Hex Socket Head Bolt | M12*25 | 2 |
| 44 | Sleeve | Φ10.2*Φ12.7*5.5 | 12 | 95 | Hex Socket Head Bolt | M12*35 | 6 |
| 45 | End Cover | Φ38*Φ8.5*8 | 2 | 96 | Hex Pan Head Bolt | M6*12 | 6 |
| 46 | Guide-rod Bushing | Φ30*Φ20.2*30 | 2 | 97 | Hex Pan Head Bolt | M6*15 | 2 |
| 47 | Counterweight top cover | 280*90*74 | 1 | 98 | Hex Countersunk Bolt | M6*20 | 2 |
| 48 | Weight Stack | 450*100*16.5 | 30 | 99 | Hex Countersunk Bolt | M8*15 | 4 |
| 49 | Magnetic pin | Φ8*80 | 1 | 100 | Hex Countersunk Bolt | M8*20 | 2 |
| 50 | Fixing Sleeve | Φ38*Φ25.3*42 | 2 | 101 | Cross Pan Head Screw | M6*15 | 24 |
| 51 | Powder Metallurgy Sleeve | Φ31*Φ25.4*Φ19.2*16 | 4 | 102 | Carriage Bolt | M10*65 | 16 |

HARDWARE KIT



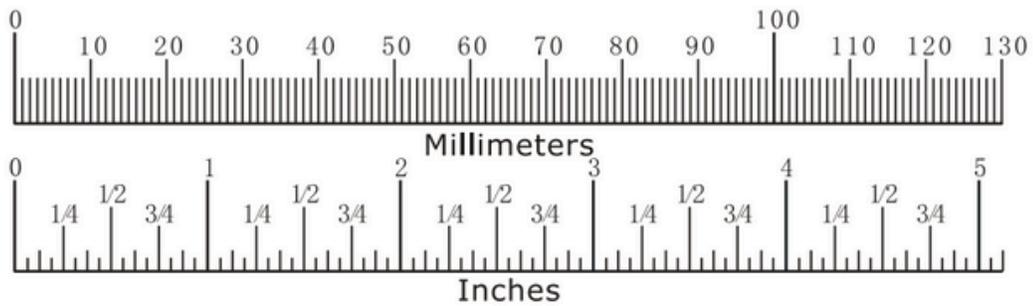
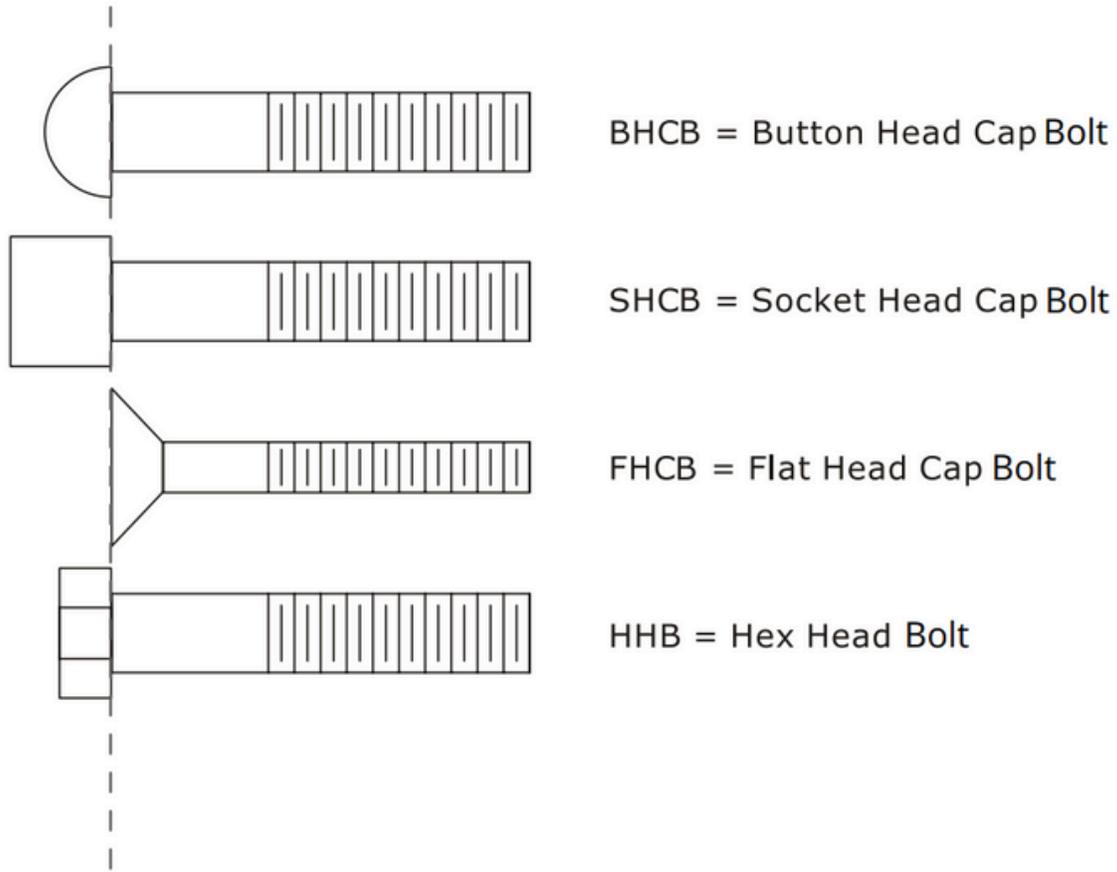
HARDWARE PACK

ABS1024
AB310





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 an adult | 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 INSTRUCTION



Assembly of the equipment takes professional installers about 1.5 hours. If this is the first time you have assembled this type of equipment, plan to spend more time. If you are in doubt about any part of this assembly, we recommend you contact a professional installer to complete the assembly. You may find it quicker, safer, and easier to assemble this equipment with the help of an assistant, as some 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 or damage to the area or equipment.

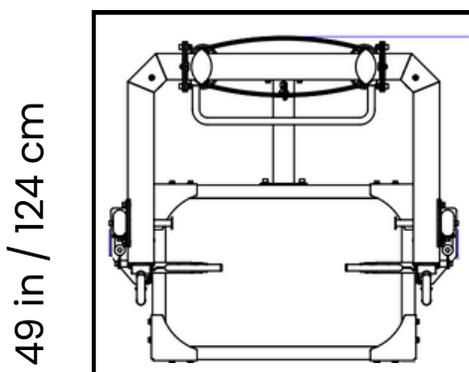


Note

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.

Training Area and Free Area

52.2 in / 132 cm



Free Area

Please allow for free area beyond the training area of 24 in / 60 cm on all sides of the unit to ensure that the training area is not impeded.

Specifications

Maximum Wt. Capacity: 495 lb (225 kg)

Maximum User Weight: 310 lb (141 kg)

Product Total Surface: 48 in x 72 x 60 in (122 cm x 183 cm x 152 cm)

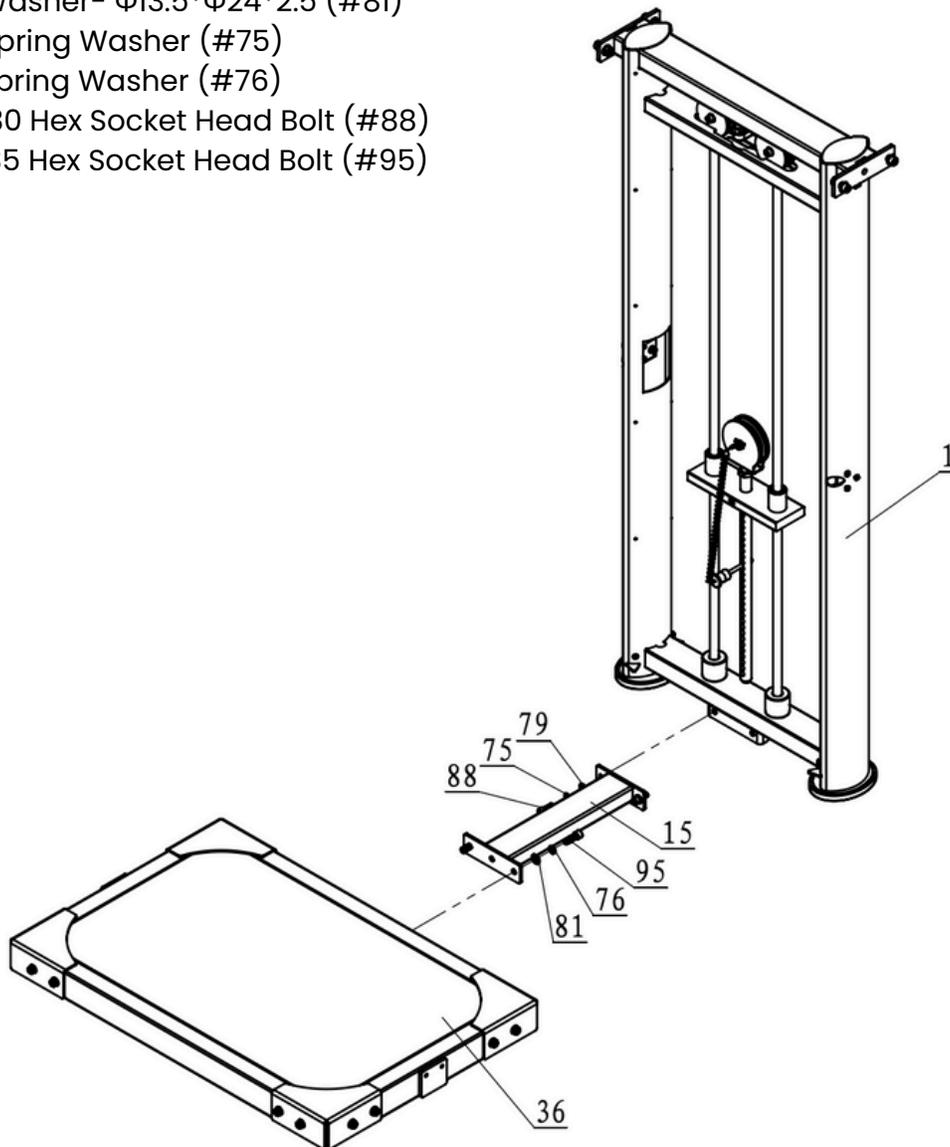


ASSEMBLY

STEP 1

1. Attach the Connection Frame (#15) to the Upright Frame (#1) and the Wooden Pedal (#36) using:

- 2 Flat Washer- $\Phi 11 \times \Phi 20 \times 2$ (#79)
- 2 Flat Washer- $\Phi 13.5 \times \Phi 24 \times 2.5$ (#81)
- 2 $\Phi 10$ Spring Washer (#75)
- 2 $\Phi 12$ Spring Washer (#76)
- 2 M10*30 Hex Socket Head Bolt (#88)
- 2 M12*35 Hex Socket Head Bolt (#95)

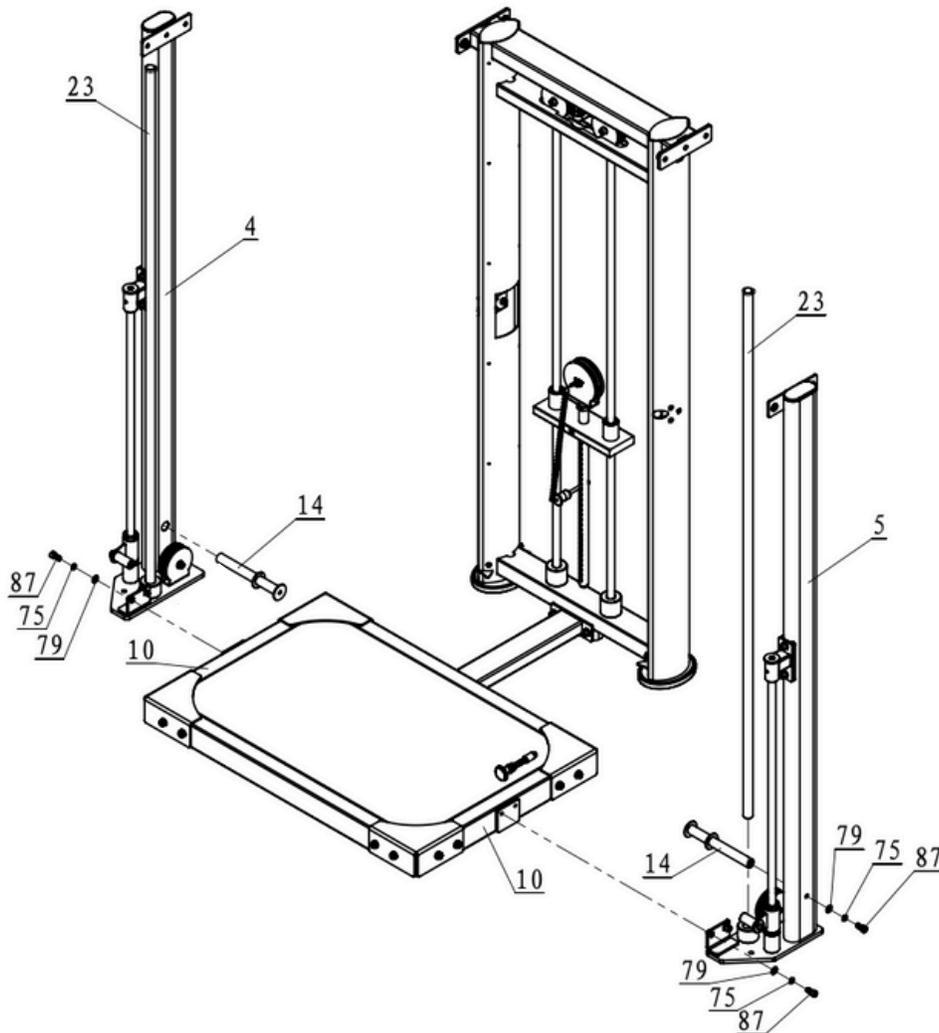




ASSEMBLY

STEP 2

1. Attach the Left Upright Frame (#4) and the Right Upright Frame (#5) to the Pedal Frame (#10) using:
 - 4 Flat Washer- $\Phi 11*\Phi 20*2$ (#79)
 - 4 $\Phi 10$ Spring Washer (#75)
 - 4 M10*20 Hex Socket Head Bolt (#87)
2. Attach the Long Elastic Rope Frame (#14) to the Left Upright Frame (#4) and the Right Upright Frame (#5) using:
 - 2 Flat Washer- $\Phi 11*\Phi 20*2$ (#79)
 - 2 $\Phi 10$ Spring Washer (#75)
 - 2 M10*20 Hex Socket Head Bolt (#87)
3. Set the Guide-rod (#23) to the bases of the Left Upright Frame (#4) and the Right Upright Frame (#5).

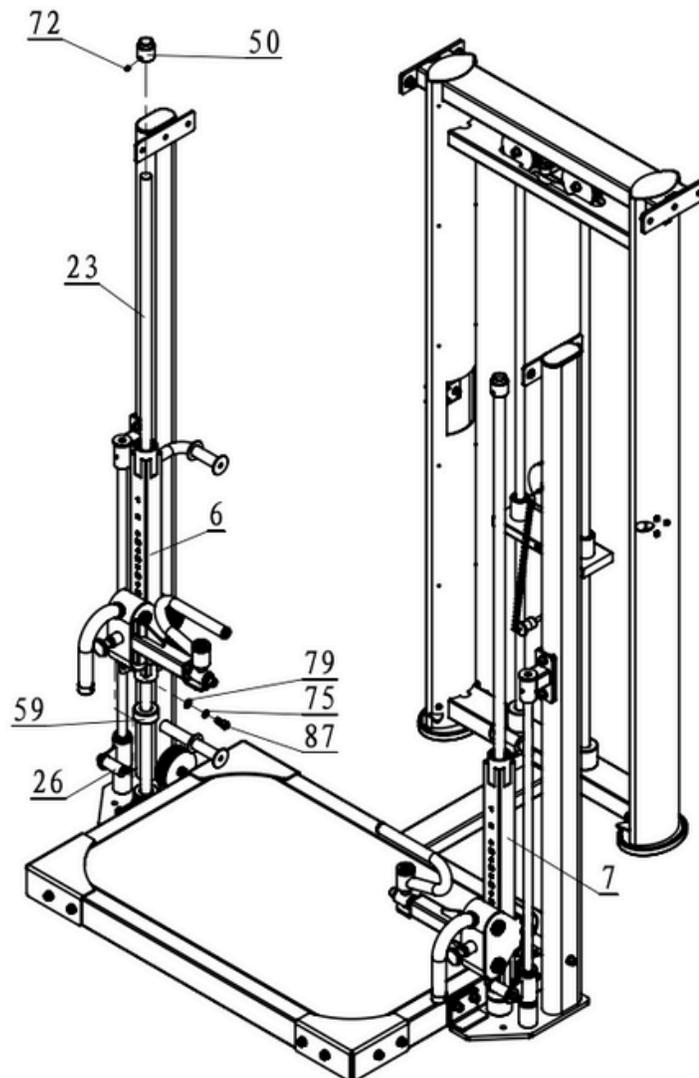




ASSEMBLY

STEP 3

1. Slide the Bumper (#59) on to the left and right Guide-rods (#23), and then slide the Right Sliding Frame (#6) and Left Sliding Frame (#7) on their respective sides. Cap both Guide-rods (#23) with a Fixing Sleeve (#50) and Hex Screw (#72);
2. Attach the Universal Driving Shaft (#26) to both the Right Sliding Frame (#6) and Left Sliding Frame (#7) using:
 - 2 Flat Washer- $\Phi 11 \times \Phi 20 \times 2$ (#79)
 - 2 $\Phi 10$ Spring Washer (#75)
 - 2 M10*20 Hex Socket Head Bolt (#87)

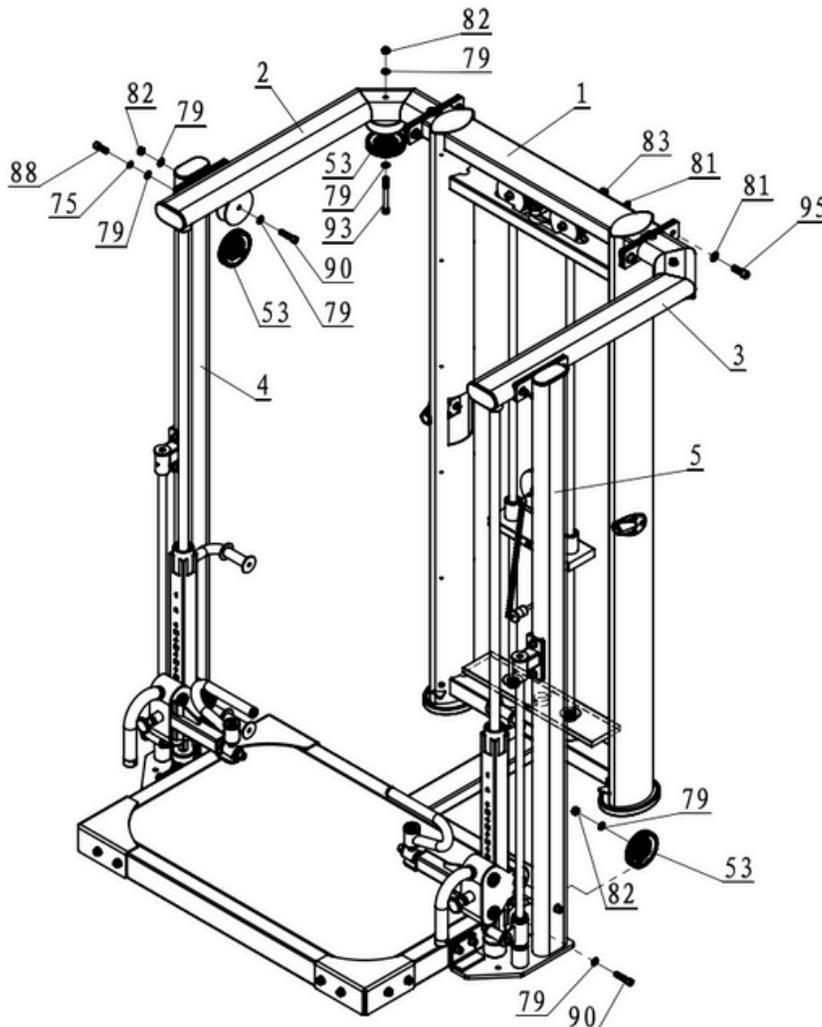




ASSEMBLY

STEP 4

1. Attach the Left Crossbar (#2) to the Left Upright Frame (#4) to the Upright Frame (#1). Repeat this process with the the Right Crossbar (#3), bolting it to the Right Upright Frame (#5) and the Upright Frame (#1) using:
 - 4 Flat Washer- $\Phi 11 \times \Phi 20 \times 2$ (#79)
 - 8 Flat Washer- $\Phi 13.5 \times \Phi 24 \times 2.5$ (#81)
 - 4 $\Phi 10$ Spring Washer (#75)
 - 4 M12 Nylon Lock Nuts (#83)
 - 4 M10*30 Hex Socket Head Bolt (#88)
 - 4 M12*35 Hex Socket Head Bolt (#95)
2. Loosen all the pulleys and set them aside with their hardware.

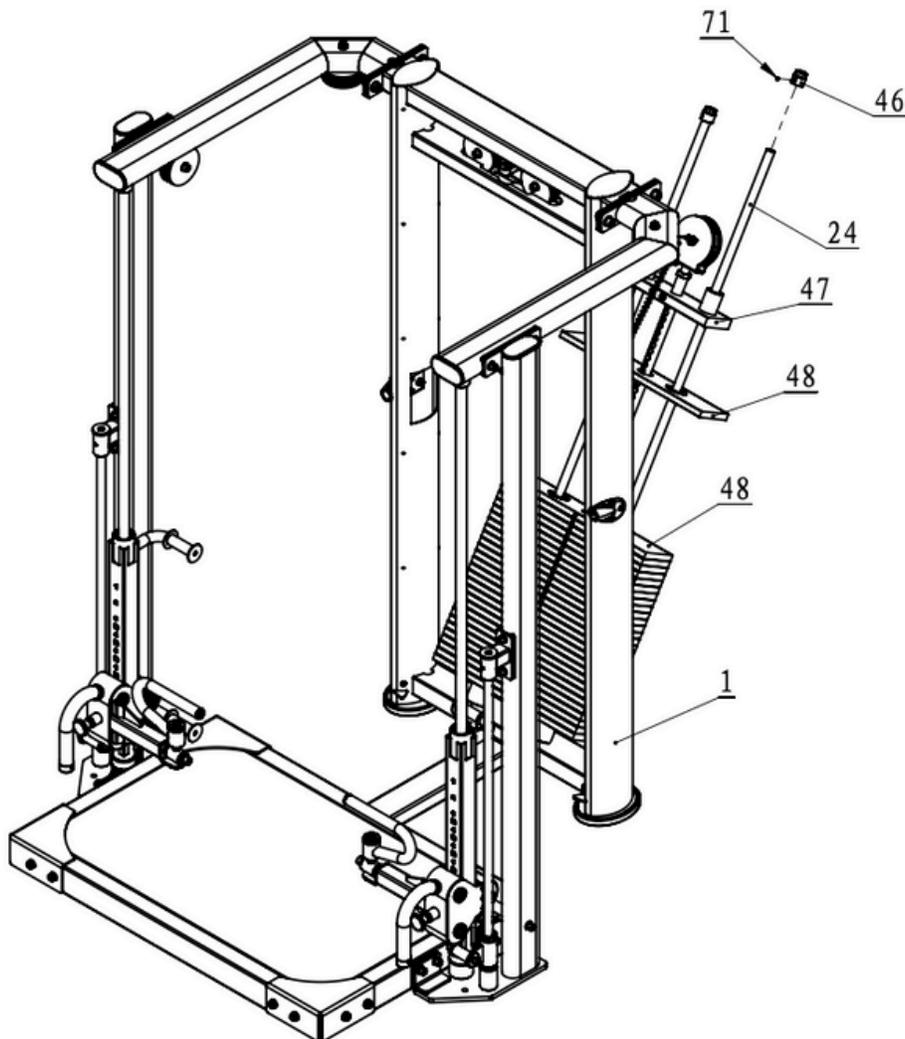




ASSEMBLY

STEP 5

1. Loosen the Hex Screw (#71) on both Guide-rod Bushing (#46), and then temporarily remove and set aside. Next, tip the guide rods (#24) backwards and temporarily remove the Counterweight top cover (#47), before adding the 30 Weight Stack plates to the weight stack guide rods (#24). Next reinstall the Counterweight top cover (#47) and finally Guide-rod Bushing (#46). Tip the assembly back up into the frame before sliding each of the Guide-rod Bushing (#46) up into the Upright Frame (#1) and fixing in place with the Hex Screw (#71).

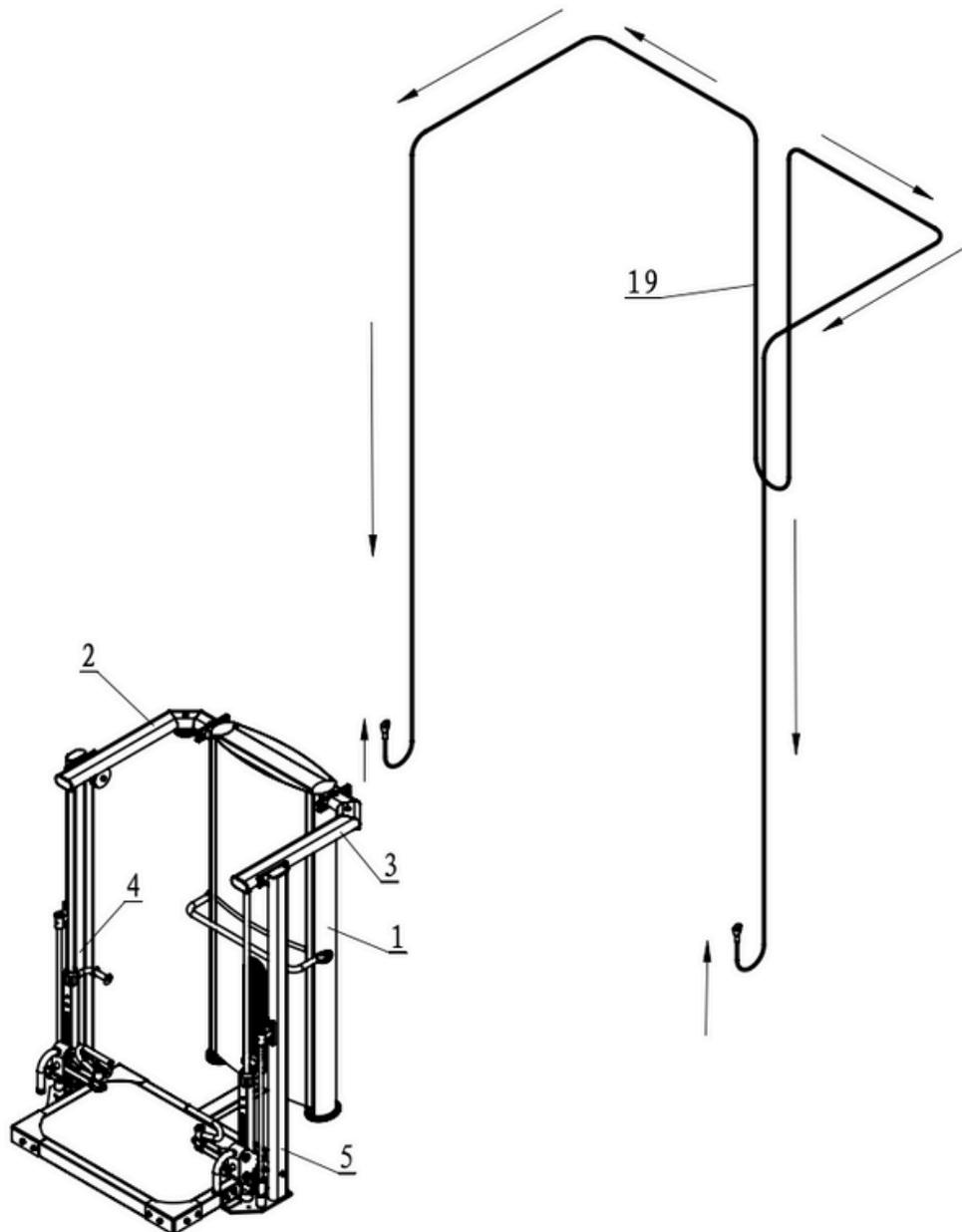




ASSEMBLY

● STEP 6

1. Insert the Cable (#19) as shown into the Right Crossbar (#3) and the Right Upright Frame (#5), and the Left Crossbar (#2) and the Left Upright Frame (#4). Then, reinstall all the previously removed pulleys and tighten the bolts being sure to confirm that the pulleys can still spin freely.

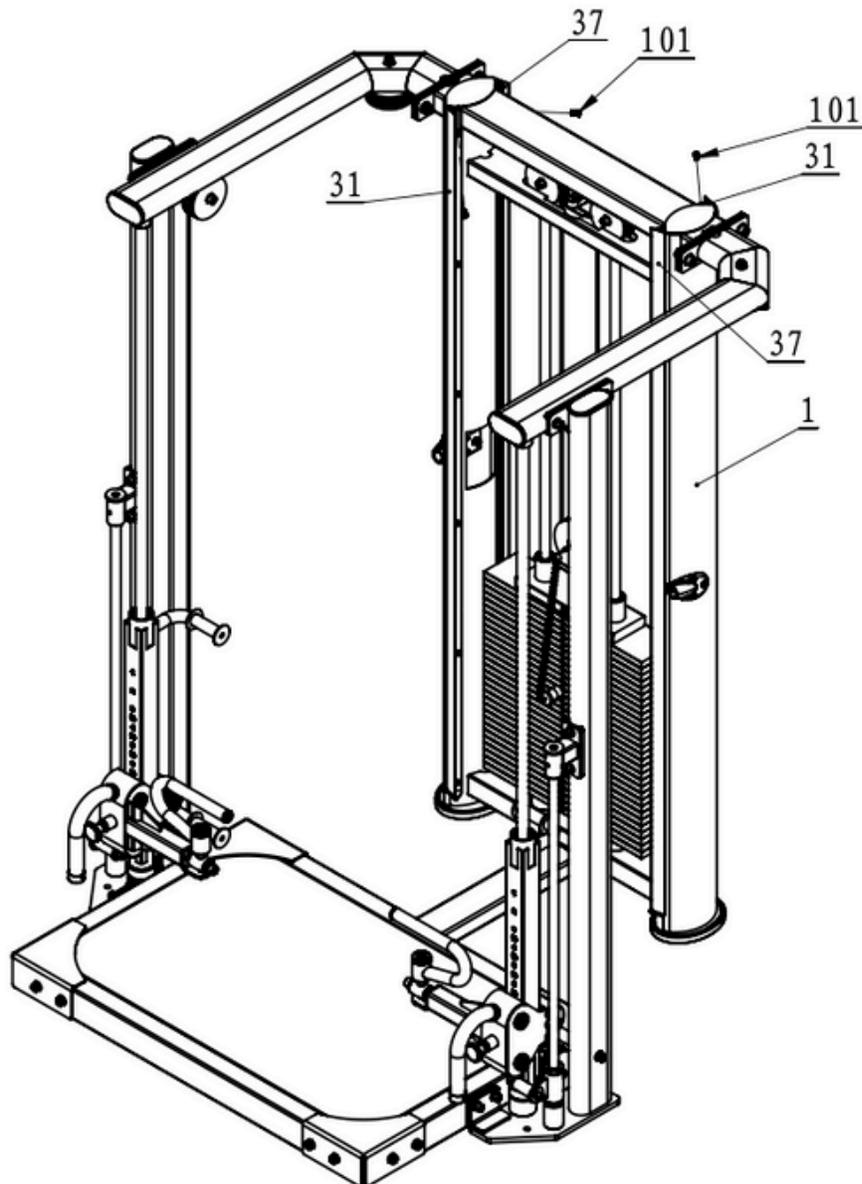




ASSEMBLY

● STEP 7

1. Attach both the Left Shroud Guides (#31) and the Right Shroud Guides (#37) to the Upright Frame (#1) using:
 - 24 M6*15 Cross Pan Head Screw (#101)

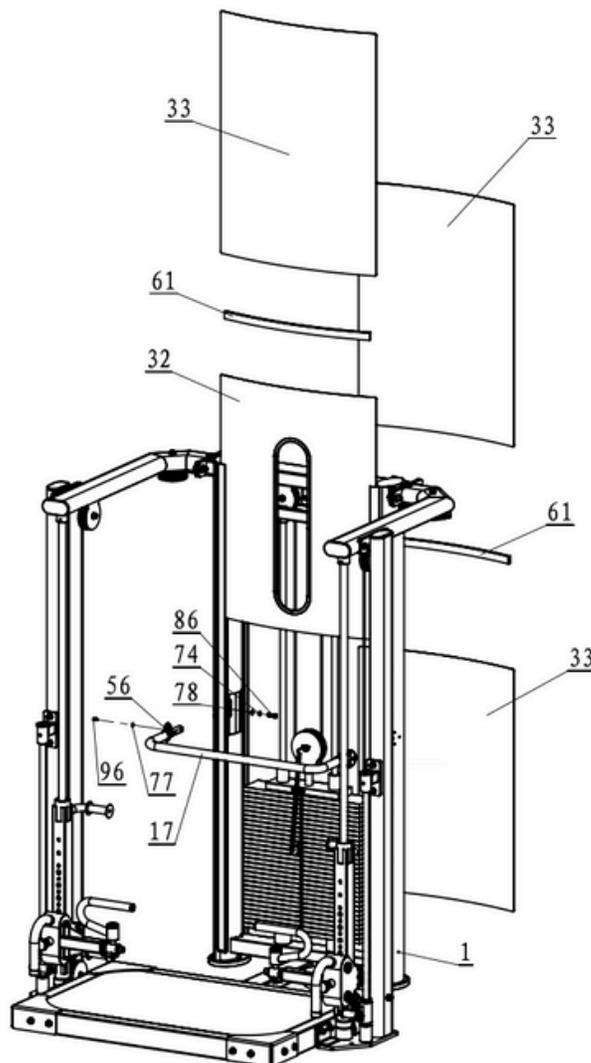




ASSEMBLY

● STEP 8

1. Attach the Arm-rest Frame (#17) to the Upright Frame (#1) using:
 - 2 Sleeve (#56)
 - 4 $\Phi 8$ Spring Washer (#74)
 - 4 Flat Washer- $\Phi 9*\Phi 16*1.6$ (#78)
 - 4 M8*25 Hex Socket Head Bolt (#86)
 - 6 Flat Washer- $\Phi 6.6*\Phi 12*1.6$ (#77)
 - 6 M6*12 Hex Pan Head Bolt (#96)
- 2.. Install the Front Bottom Shroud (#32), the Shroud Strip (#61), and the Back Shrouds (#33) on the Upright Frame (#1) in the order shown.





GENERAL 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 | | | | | | | |

A fitness facility should have a regular maintenance schedule in place that this equipment can be added into. 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 unit.

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 properly.

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:

- 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:

- Before applying lubricant, wipe down applicable parts with a dust free rag.
- 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.



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.



Manufacturer's Limited Warranty

The manufacturer warrants that your The Deadlift™ is free of defect in materials and workmanship and will, at its option, repair or replace any defective the The Deadlift™ that is returned to it. Except as described in the following sentence, all parts and components of the The Deadlift™ are warranted from the original date of purchase as below:

Frame - 3 years
Cable - 6 Months
All other parts - 1 year

1. This warranty is valid only in accordance with the condition set forth below:
Normal wear and tear (including lost parts) are not covered by this warranty.
2. The warranty extends only to the original consumer purchaser and is not transferable. In addition, proof of purchase must be demonstrated. This warranty is void if the product has been subject to accident, misuse, abuse, improper maintenance or repair or unauthorized modification.
3. This limited warranty is the only written or express warranty given by the manufacturer. Any implied warranty of merchantability of fitness for a particular purpose on this product is limited in duration to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.
4. Repair or replacement of the product (or, if repair or replacement is not feasible, a refund of the purchase price) is the exclusive remedy of the consumer under this warranty. The manufacturer reserves the right to remedy any warranty claims via parts and repair prior to replacement. The manufacturer shall not be liable for any incidental or consequential damages for breach of this warranty or any implied warranty on this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
5. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.
6. The product is intended for indoor use only. The warranty does not cover outdoor usage.

Procedure for Warranty Repairs or Replacement:

If warranty service is necessary, the original purchaser must either call or email for instructions.

Proof of Purchase will be required for all warranty claims.

Our phone number is: (866) 219-5335 x0 (outside the U.S. 1-908-879-2713 x0)

www.theabscompany.com

DLMTM

THE DEADLIFT MACHINE

Thank you for purchasing The Deadlift™ Our customer service staff is ready to help and to answer any questions. Our phone number is: (866) 219-5335 Option 5
support@TheAbsCompany.com

Please call us if you have any questions.
Customer service staff can be reached
Monday to Friday from 9:00 AM to 5:00 PM Eastern Standard Time.

You can also send us an email, or visit our website
for additional customer service information.

Prior to calling or emailing, please have the following information ready:

- Customer Name and Address
 - Telephone Number
 - Proof of Purchase
- Product Model Number
 - Serial Number



We Change Lives from the Core®

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1-866-219-5335 - www.TheAbsCompany.com
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Patents Pending