

Cybex MG-525 Owner's and Service Manual

Strength Systems
Part Number 15CBX109072 B



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10 Trotter Drive Medway, MA 02053 • 508-533-4300 • FAX 508-533-5183

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1 - Safety

Safety

Read the Owner's Manual carefully before assembling, servicing or using the equipment.

It is the responsibility of the facility owner and/or owner of the equipment to instruct users on proper operation of the equipment and review all labels.



WARNING: Serious injury could occur if these safety precautions are not observed:

User Safety Precautions

- Obtain a medical exam before beginning any exercise program.
- Stop exercising if feeling faith, dizzy or experiencing pain and consult your physician.
- · Obtain instructions before using.
- Read and understand the owner's manual and all warnings posted on the machine before using.
- Keep all children (12 and under) away. Teenagers (13 and over) and disabled must be supervised.
- Keep body and clothing free from and clear of all moving parts.
- Use the machine only for the intended use. DO NOT modify the machine.
- Inspect machine prior to use. DO NOT use if it appears damaged or inoperable.
- Inspect all cables and belts and connections prior to use. DO NOT use if any components are worn, frayed or damaged.
- DO NOT attempt to fix a broken or jammed machine. Notify floor staff.
- DO NOT use if guards are missing or damaged.
- Be sure that the weight pin is completely inserted. Use only the pin provided by the manufacturer. If unsure seek assistance.
- Never pin the weights in an elevated position. DO NOT use this machine if found in this condition. See assistance from floor staff.
- **DO NOT** use dumbbells or other incremental weights, except those provided by the manufacturer.
- Report any malfunctions, damage or repairs to the facility.
- Replace any warning labels if damaged, worn or illegible.

Facility Safety Precautions

- Read the Owner's Manual carefully before assembling, servicing or using the equipment.
- Securely anchor each machine to the floor using the anchor holes provided in each machine.
 - **NOTE:** Cybex is not responsible for the actual anchoring of equipment. Consult with a professional contractor.
 - NOTE: Use fasteners having a minimum of 500 lbs. tensile capacity (3/8" grade 2 bolts or better).
 - **NOTE:** If legs/frame does not contact surface, DO NOT pull down with anchors. Shim any leg or frame not in contact with surface using flat washers.

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- Make sure that each machine is set up and operated on a solid level surface. Do not install equipment on an uneven surface.
- Make sure that all users are properly trained on how to use the equipment.
- Make sure there is enough room for safe access and operation of the equipment.
- Perform regular maintenance checks on the equipment. Also pay close attention to all areas most susceptible to wear, including (but not limited to) cables, pulleys, belts and grips.
- Immediately replace worn or damaged components. If unable to immediately replace worn or damaged components then remove from service until the repair is made.
- Use only Cybex supplied components to maintain/repair the equipment.
- · Keep a repair log of all maintenance activities.
- Inspect all cables and belts and connections prior to use. DO NOT use if any components are worn, frayed or damaged.

NOTE: It is the sole responsibility of the user/owner or facility operator to ensure that regular maintenance is performed.

Safety Guidelines And Practices

Cybex recommends that all fitness equipment be used in a supervised area. It is recommended that the equipment be located in an access controlled area. Control is the responsibility of the owner. The extent of control is at the discretion of the owner.

It is the responsibility of the purchaser/user of Cybex products to read and understand the owner's manual, and warning labels; as well as instruct all individuals, whether end users or supervising personnel, on proper usage of the equipment.

PROPER USAGE:

Use machine only as described in the manual. Failing to follow proper instructions may result in injury.

Do Not Lean Against or Pull On the framework, weight stack, or any component, whether machine is at rest or in use. Inappropriate or improper use may result in injury to users or third parties (bystanders).

Do not use machine if it is not located on a solid level surface or is improperly installed.

Provide an adequate safety perimeter between the machine, walls and other equipment to ensure that the facility has the proper clearance for usage and training.

SECURING EQUIPMENT:

The machine has holes in the feet, which allow for ease in anchoring to the floor. Cybex strongly recommends that, to eliminate rocking, tipping or falling over due to incorrect usage and misuse, equipment be secured to a solid, level surface.

- **1.** The solid, level surface should not deviate more than 1/8" over a 10' distance or as defined and required by local building and architectural codes.
- 2. Anchoring of equipment must be completed by a qualified licensed contractor.

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- **3.** Anchoring holes are provided on the feet of the frame. All anchoring locations must be used when anchoring the equipment to the floor.
- **4.** Due to the wide variation of flooring on which machines may be anchored or installed, verify anchoring method and anchoring fasteners with a qualified and licensed contractor.
- 5. A minimum pull out force of 220 lbs/100 kgs is required for each anchor position...
- **6.** Do not use machine until it is properly anchored.

MAINTENANCE:

Preventative maintenance allows proper equipment operation and reduces the risk of injury. Perform the maintenance requirements as specified in the manual.

STANDARD COMPLIANCE:

Cybex products meet or exceed applicable ASTM and EN Standards.



Warning/Caution Decals

Warning decals indicate a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

Caution decals indicate a potentially hazardous situation, which, if not avoided, could result in minor or moderate injury.

The warning and caution decals are shown on the following page. The diagrams following the decals show where each decal is located.

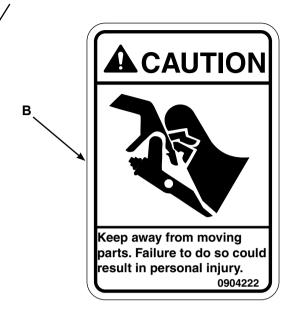
AWARNING

SERIOUS INJURY COULD OCCUR IF THESE PRECAUTIONS ARE NOT OBSERVED

- 1. Obtain a medical exam before beginning any exercise program.
- 2. Stop exercising if feeling faint, dizzy or experiencing pain and consult your physician.
- 3. Obtain instructions before using.
- Read and understand the owner's manual and all warnings posted on the machine before using.

 The standard standard the owner's manual and all warnings posted on the machine before using.
- Keep all children (12 and under) away. Teenagers (13 and over) and disabled must be supervised.
- **6.** Keep body and clothing free and clear of all moving parts.
- 7. Use machine only for the intended use. DO NOT modify the machine.
- 8. Inspect machine prior to use. DO NOT use if it appears damaged or inoperable.
- Inspect all cables and belts and connections prior to use. DO NOT use if any components are worn, frayed or damaged.
- **10.** DO NOT attempt to fix a broken or jammed machine.
- **11.** DO NOT use if guards are missing or damage.
- 12. Be sure that the weight pin is completely inserted. Use only the pin provided by the manufacturer. If unsure seek assistance.
- 13. Never pin weights in an elevated position. DO NOT use this machine if found in this condition. Seek assistance from floor staff.
- **14.** DO NOT use dumbbells or other incremental weights, except those provided by the manufacturer.
- **15.** Report any malfunctions, damage or repairs to the facility.
- **16.** DO NOT REMOVE THIS LABEL. REPLACE IF DAMAGED.

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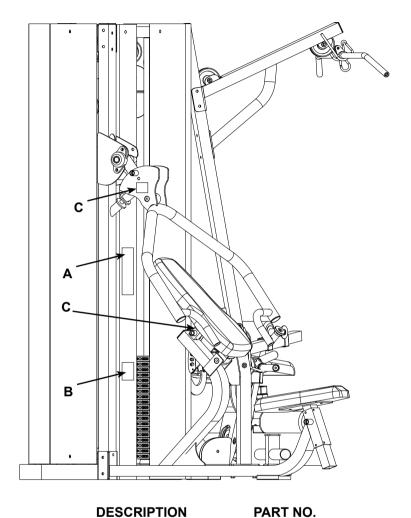
ACAUTION

Failure to correctly adjust could result in personal injury.

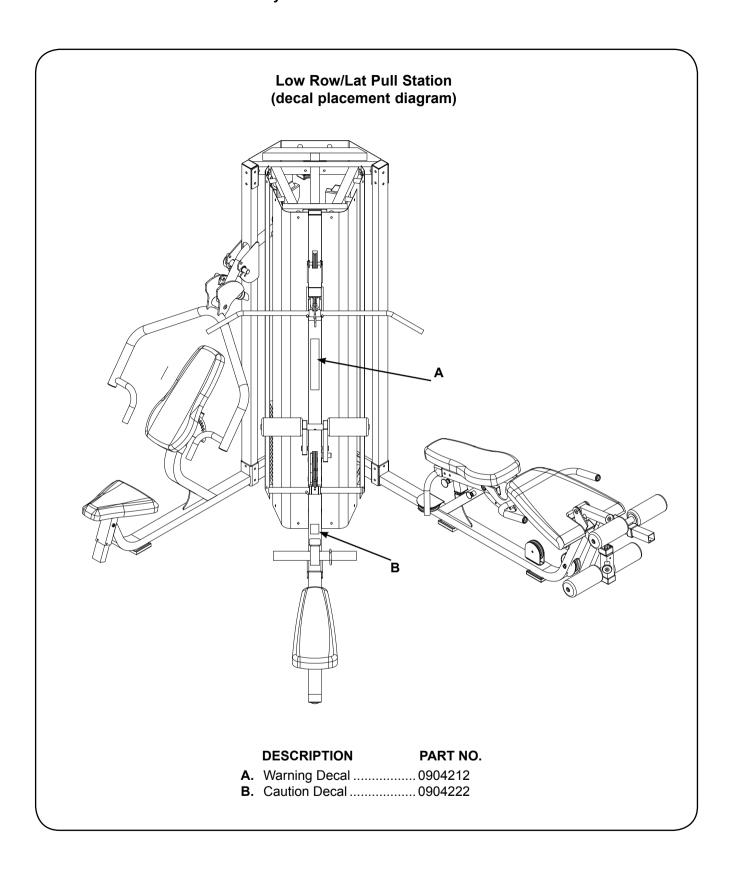
Always fully engage the detent pin before use to avoid injury.

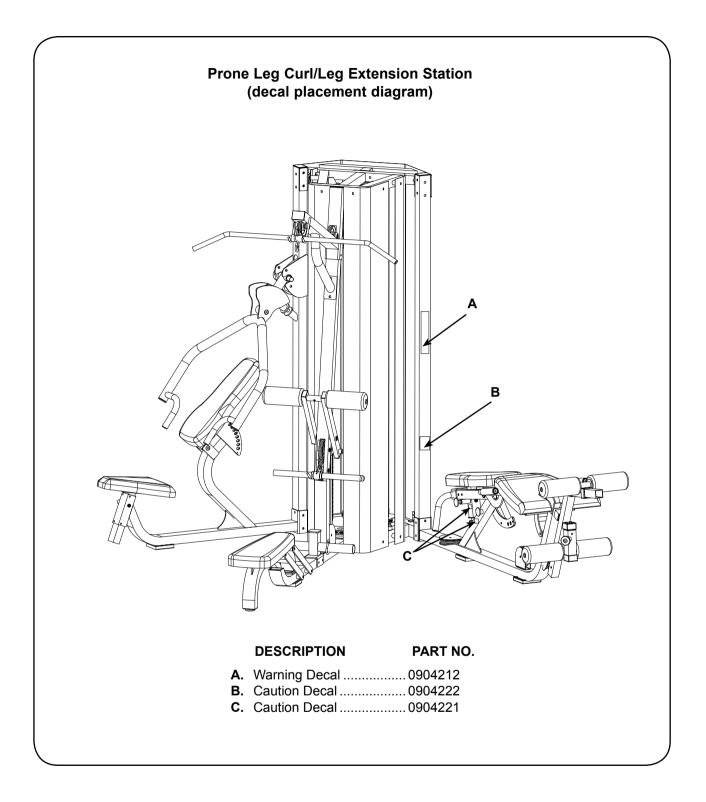
090422

Chest Press/Incline Press/Overhead Press Station (decal placement diagram)



C. Caution Decal 0904221





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Regular Maintenance Activities

Preventative maintenance activities must be performed to maintain normal operation of your equipment. Keeping a log sheet of all maintenance actions will assist you in staying current with all preventative maintenance activities. The preventative maintenance actions are described in detail in Chapter 5. Briefly, they include:

Daily

1. Clean upholstery.

Weekly

- 1. Inspect all nuts and bolts for looseness. Tighten as required.
- 2. Inspect all cables and belts for damage or wear (see Chapter 5). If a cable or belt is worn or damaged, immediately discontinue use until cable or belt has been replaced.
- **3.** Check for worn handles, worn snap links, and worn warning labeling. Replace all worn parts immediately.
- 4. Inspect for loose or worn grips. Replace all loose or worn grips immediately.
- 5 Inspect weight stacks for proper alignment and operation. Correct all improper alignment and operation issues immediately.
- 6. Lubricate guide rods using automotive engine oil only.

Yearly

1. Replace all cables and belts at least annually.

Using Proper Form

Before working out, read and understand the exercises located on the placard and in Chapter 2.

2 - Exercises

Intended Use

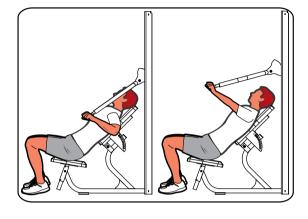
The intended use of this equipment is to aid or improve general physical fitness and exercise. For Commercial use.

Instructions

Read and understand all instructions and warnings prior to using this machine. See Chapter 1, Safety, in the Owner's Manual or consult with floor staff.

Chest Press

START



FINISH

NOTE: Motion Developed: Shoulder Flexion, Elbow Extension

Set Up

- 1. Adjust handles and backrest to the chest press position.
- 2. Adjust seat bottom and back so that handles are at midchest.
- **3.** Select hand position that allows hands to finish in front of the shoulders.

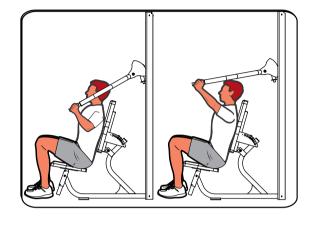
Movement

1. Push handles forward until arms are fully straightened.

Pectoralis Major, Anterior Deltoid, Triceps

Incline Press

START



FINISH

NOTE: Motion Developed: Shoulder Flexion, Elbow Extension

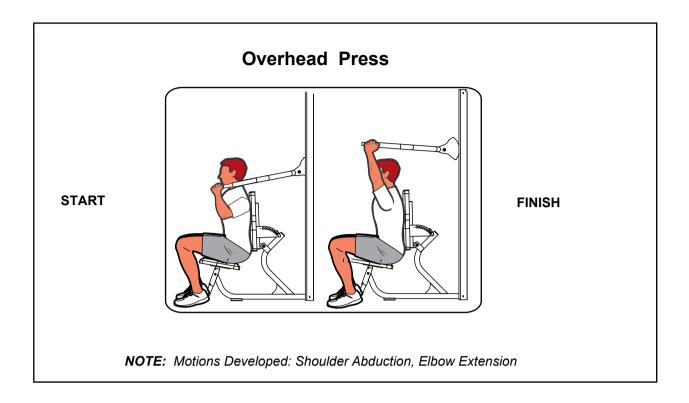
Set Up

- 1. Adjust handles and backrest to the Incline Press position.
- 2. Adjust seat bottom and back so that handles are at midchest.
- **3.** Select hand position that allows hands to finish in front of the shoulders.

Movement

1. Push handles forward until arms are fully straightened.

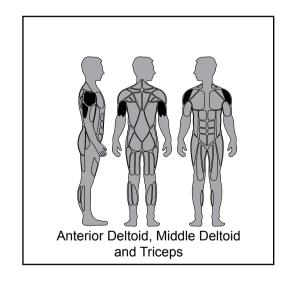
Pectoralis Major, Anterior Deltoid, Triceps

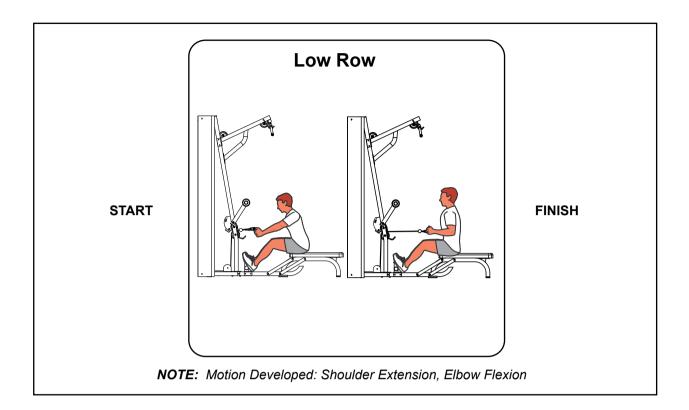


- **1.** Adjust handles and backrest to the shoulder press position.
- **2.** Adjust seat bottom so that hands are slightly above shoulder.
- **3.** Select hand position that allows hands to finish above the shoulders.

Movement

1. Push the handles directly upward until arms are fully straightened.

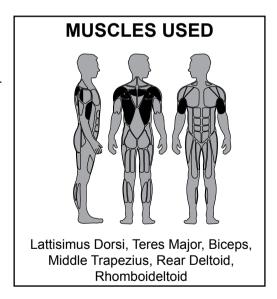


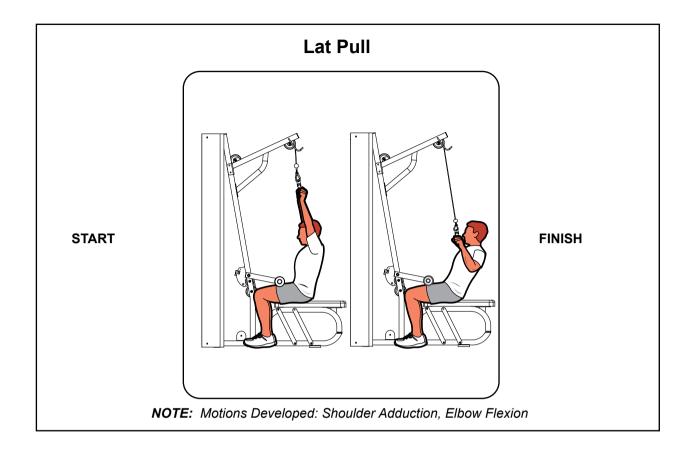


- 1. Adjust bench so that it is in the Low Row position.
- 2. Adjust the (Lat Pull) thigh pad so that it is facing upward.
- 3. Sit with feet firmly on footrest.
- **4.** Grasp handle with hands in front of and level with the shoulders.

Movement

1. Pull handle towards you until your elbows are at your sides.

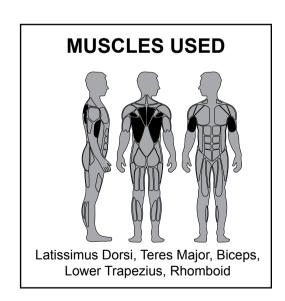


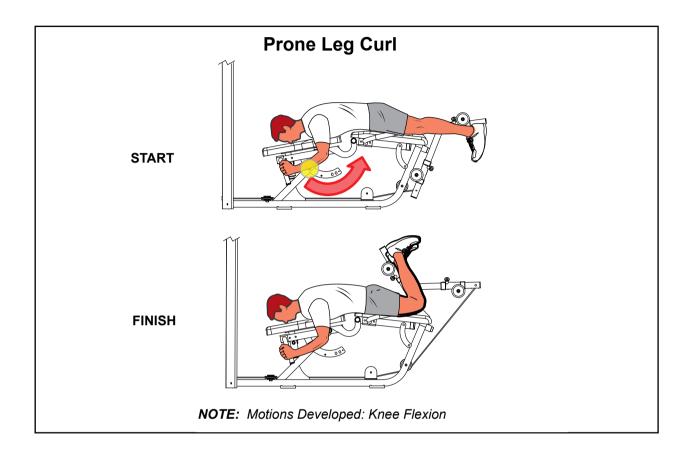


- 1. Adjust bench so that it is in the Lat Pull position.
- **2.** Adjust thigh pad for stabilization during exercise.
- 3. Grasp bar and sit with thighs under pads.

Movement

1. Pull bar down until elbows are by your sides and hands are approximately level with shoulders.

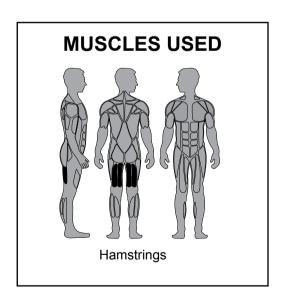


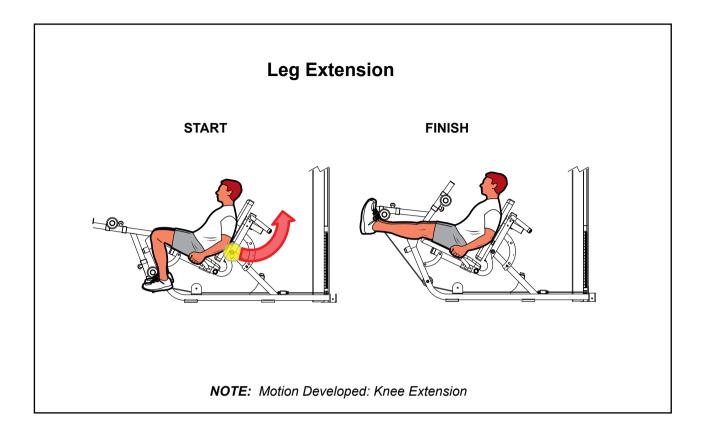


- 1. Adjust bench so that it is in the Prone Leg Curl position.
- **2.** Align leg pad for a comfortable placement behind ankles.
- **3.** Align knees with the axis of rotation.
- **4.** Lean forward against thigh pad, rest forearms on pads and grasp handles.

Movement

1. Pull up against leg pad.

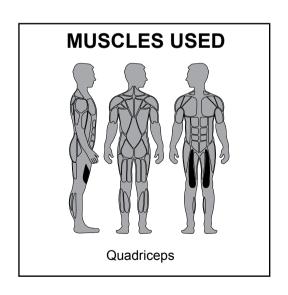




- 1. Adjust bench so that it is in the Leg Extension position.
- **2.** Adjust back pad so that when seated, your knees align with the machine's axis of rotation.
- 3. Comfortably position shin pad and apply light pressure.
- 4. Grasp handles and stabilize body.

Movement

1. Push forward and up against leg pad until your legs are straight.



3 - Customer Service

Contacting Service

Hours of phone service are Monday through Friday from 8:30 to 6:00 p.m. Eastern Standard Time.

For Cybex customers living in the USA, contact Cybex Customer Service at 888-462-9239.

For Cybex customers living outside the USA, contact Cybex Customer Service at **508-533-4300** or fax **508-533-5183**.

Find information on the web at www.cybexintl.com or by e-mail at techhelp@cybexintl.com.

Ordering Parts

Fax order to **508-533-5183**. To speak with a customer service representative, call **888-462-9239** (for customers living within the USA) or **508-533-4300** (for customers outside the USA). You may also contact us through e-mail at techhelp@cybexintl.com

Having the following information ready when calling will assist our Cybex representatives in serving you.

- Unit Serial Number
- Product Name

The unit serial number and product name can be found on the serial number decal. See Chapter 6 for exact location of serial number decal.

- Part Description
- Part Number

Part descriptions and part numbers are located in Chapter 6 of this manual.

- Shipping Address
- Contact Name

Return Material Authorization (RMA)

In addition to your shipping address and contact name, your account number is helpful but not required.

The Return Material Authorization (RMA) system outlines the procedures to follow when returning material for placement, repair or credit. The system assures that returned materials are properly handled and analyzed. Follow the following procedures carefully.

Contact your authorized Cybex dealer on all warranty-related matters. Your local Cybex dealer will request a RMA from Cybex, if applicable. Under no circumstances will defective parts or equipment be accepted by Cybex without proper RMA and an Automated Return Service (ARS) label.

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- 1. Call the Customer Service Hot Line listed above for the return of any item that is defective.
- **2**. Provide the technician with a detailed description of the problem you are having or the defect in the item you wish to return.
- 3. Provide the model and serial number of your Cybex equipment.
- 4. At Cybex's discretion, the technician may request that you return the problem part(s) to Cybex for evaluation and repair or replacement. The technician will assign you a RMA number and will send you an ARS label. The ARS label and the RMA numbers must be clearly displayed on the outside of the package that contains the item(s) to be returned. Include the description of the problem, the serial number of the equipment and the name and address of the owner in the package along with the part(s).
- Forward the package through UPS to Cybex. Attn: Customer Service Department Cybex International, Inc. 1975 24th Ave SW Owatonna, MN 55060

NOTE: Merchandise returned without an RMA number on the outside of the package or shipments sent COD will not be accepted by the Cybex receiving department.

Damaged Parts

Materials damaged in shipment should not be returned for credit. Shipping damages are the responsibility of the carrier (UPS, Federal Express, trucking companies, etc.)

Apparent Damage - Upon receipt of your shipment, check all items carefully. Any damage seen with a visual check must be noted on the freight bill and signed by the carrier's agent. Failure to do so will result in the carriers refusal to honor your damage claim. The carrier will provide you with the required forms for filing such claims.

Concealed Damage - Damage not seen with a visual check upon receipt of a shipment but notices later must be reported to the carrier as soon as possible. Upon discovery of the damage, a written or phone request to the carrier asking them to perform an inspection of the materials must be made within ten days of the delivery date. Keep all shipping containers and packing materials as they will be needed in the inspection process. The carrier will provide you with an inspection report and the necessary forms for filing a concealed damage claim.

Concealed damage claim is the carrier's responsibility.

4 - Assembly

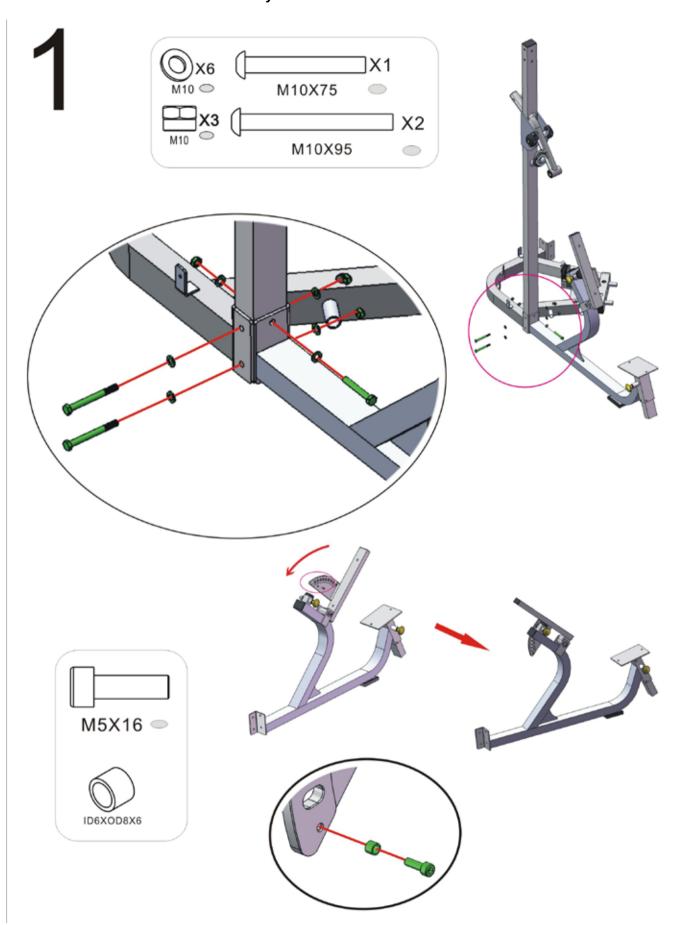
PRE-ASSEMBLY (English)

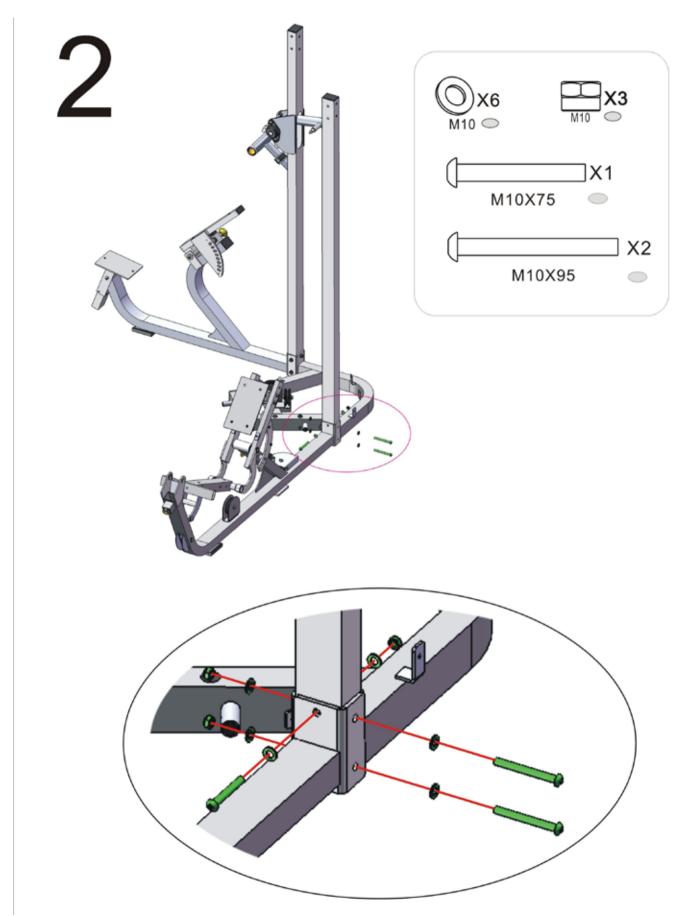
NOTE: Two people will be required for this procedure.

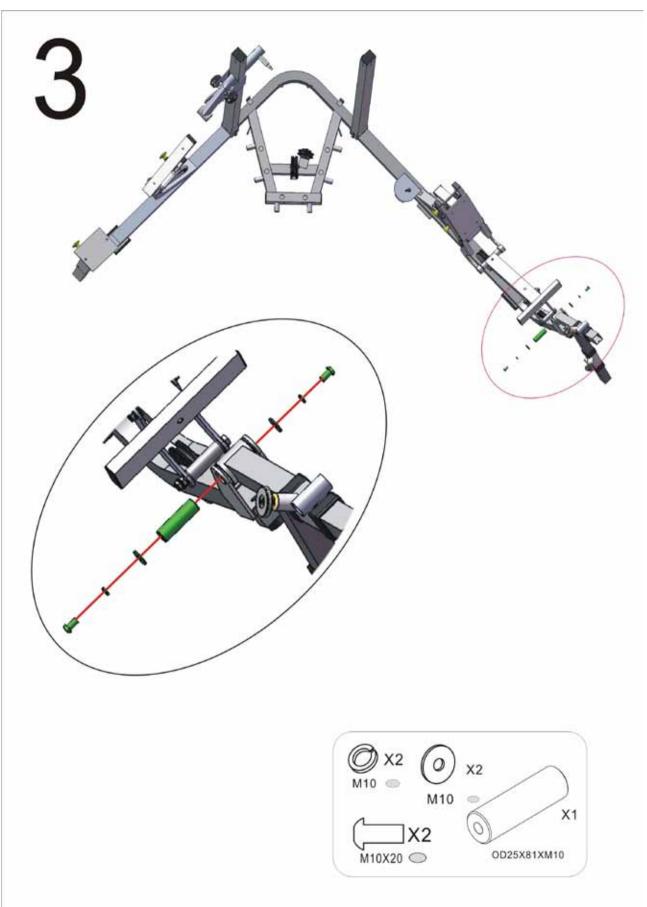
NOTE: It is the responsibility of the facility owner/owner of the equipment to ensure that there is appropriate clearance around each machine to allow for safe use and passage.

- 1. Read and understand all instructions thoroughly before starting any of the procedures listed on this instruction sheet.
- 2. Verify you have received the appropriate configuration.
 - **A.** Verify you received the appropriate owner's manual.
 - **B.** Verify you received the warranty sheet.
- 3. Move to desired location.

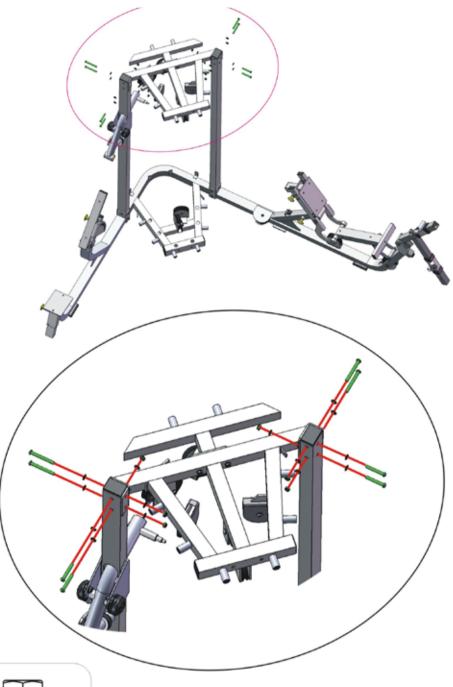
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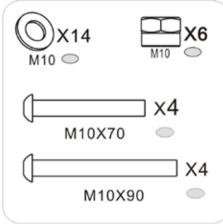


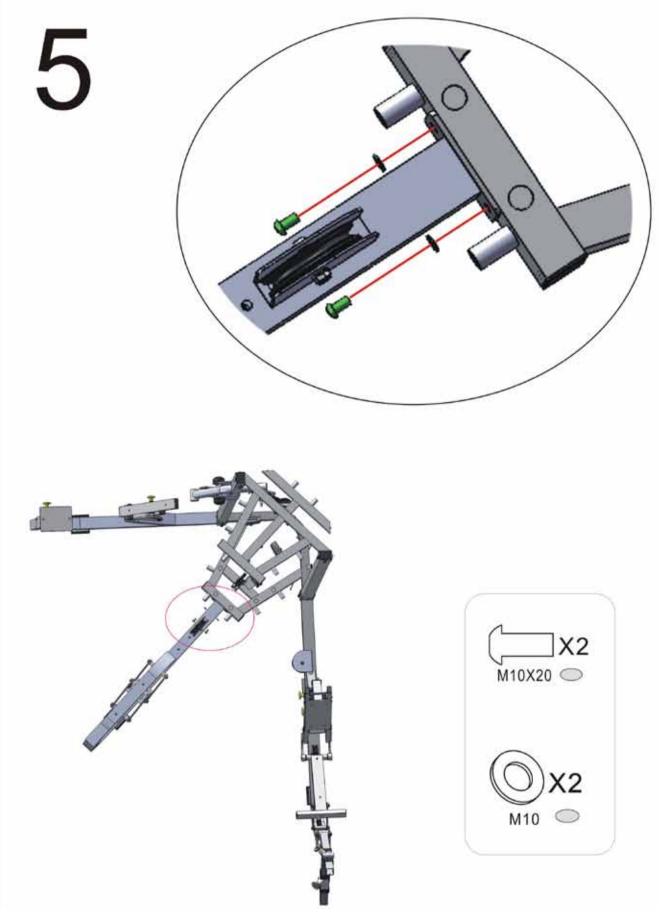


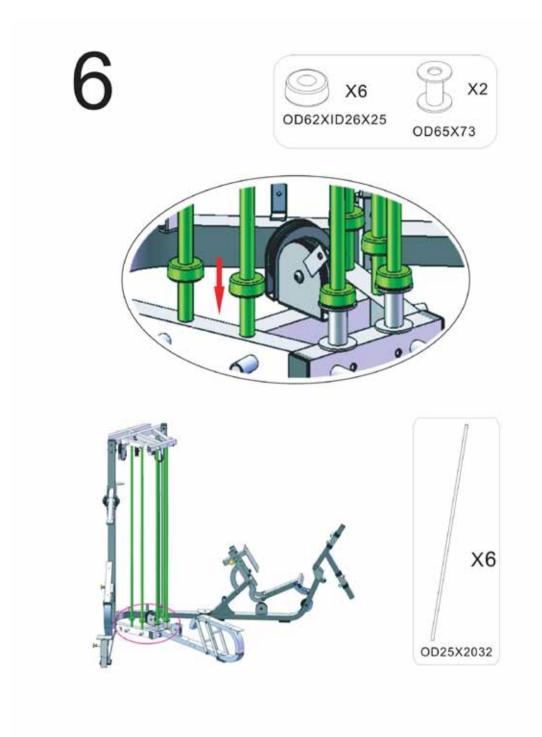


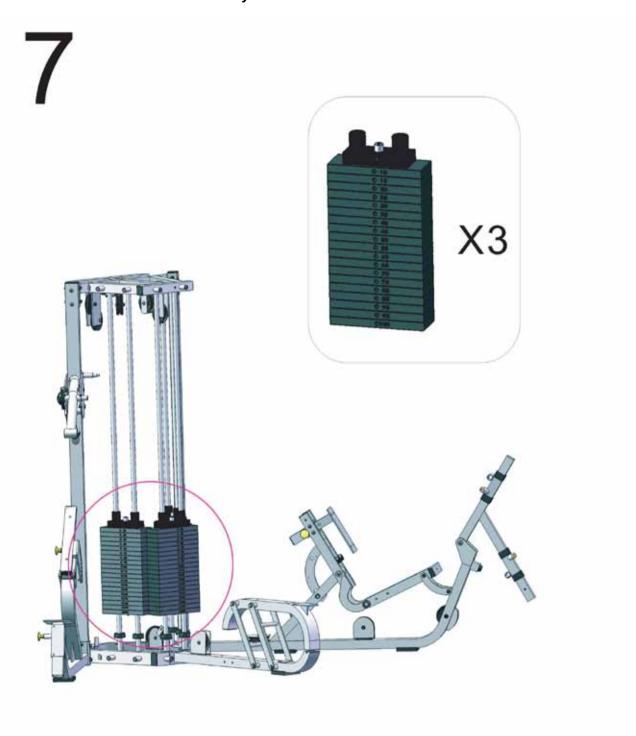
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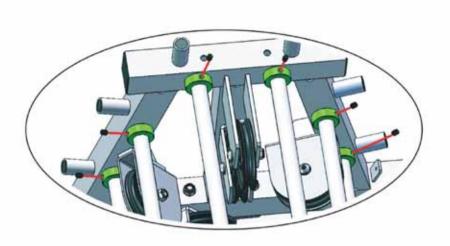


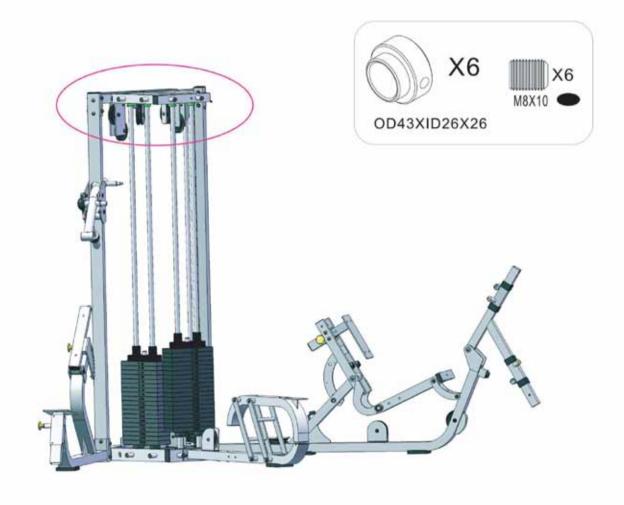


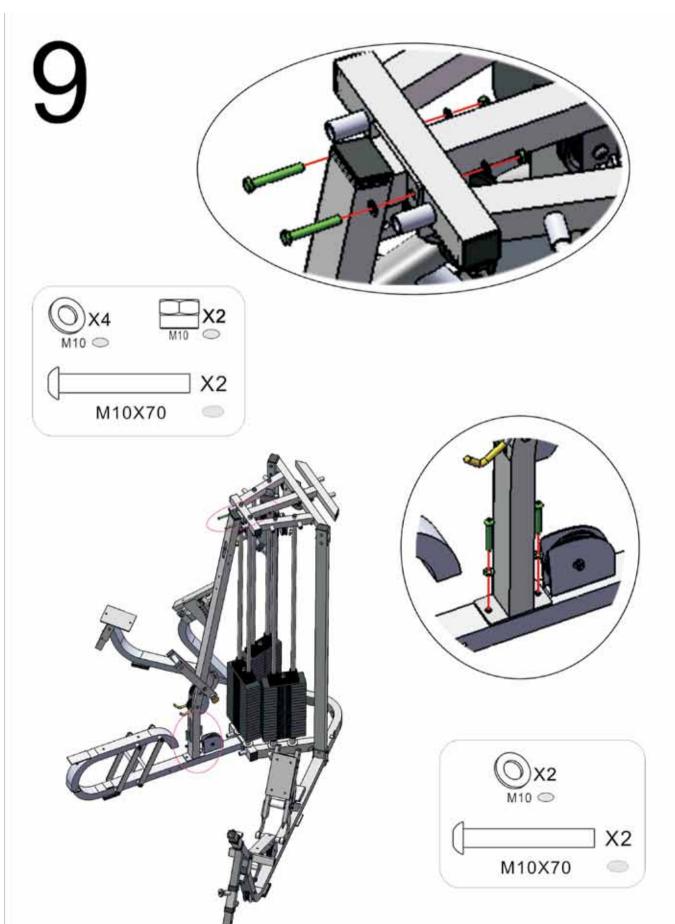




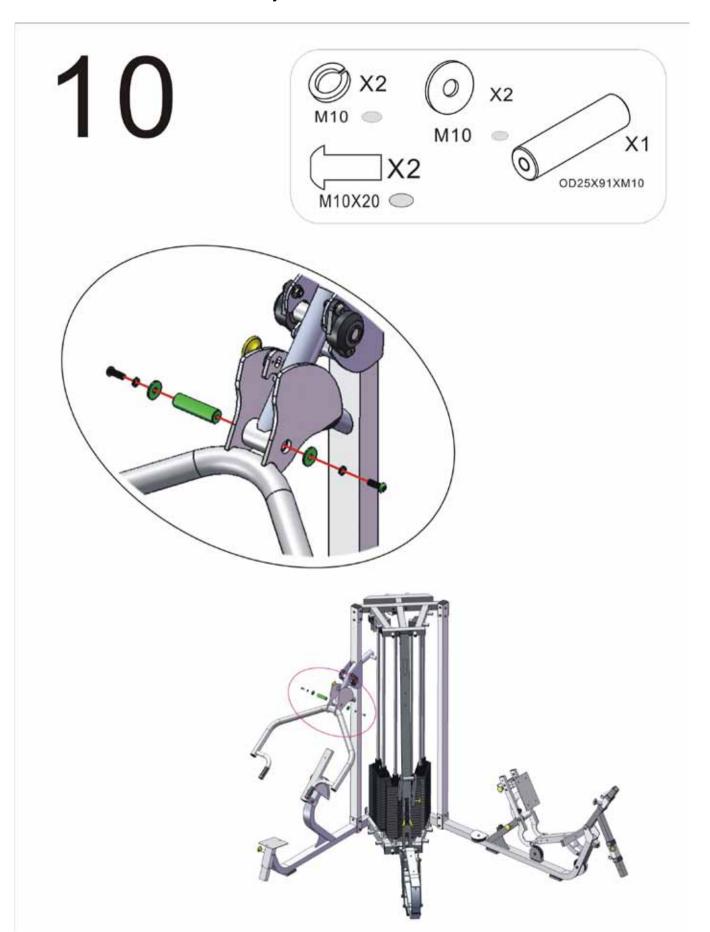
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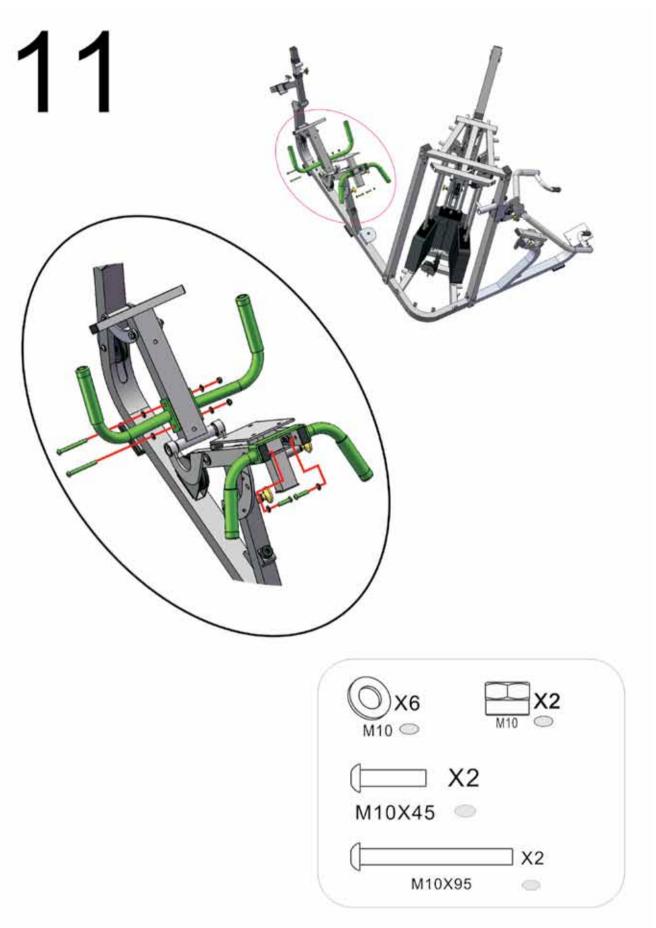


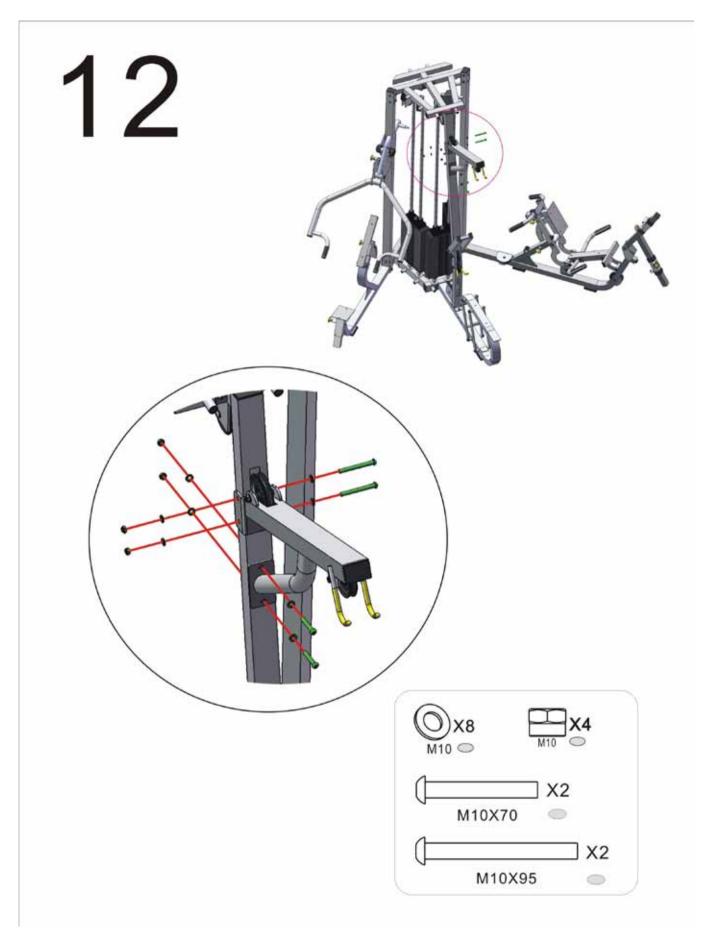


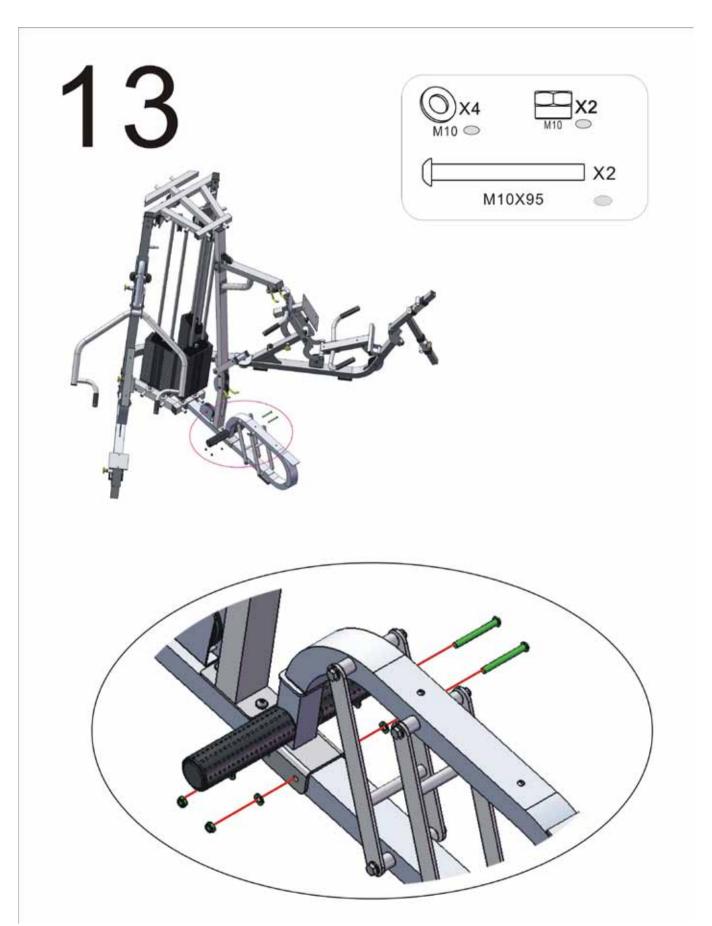


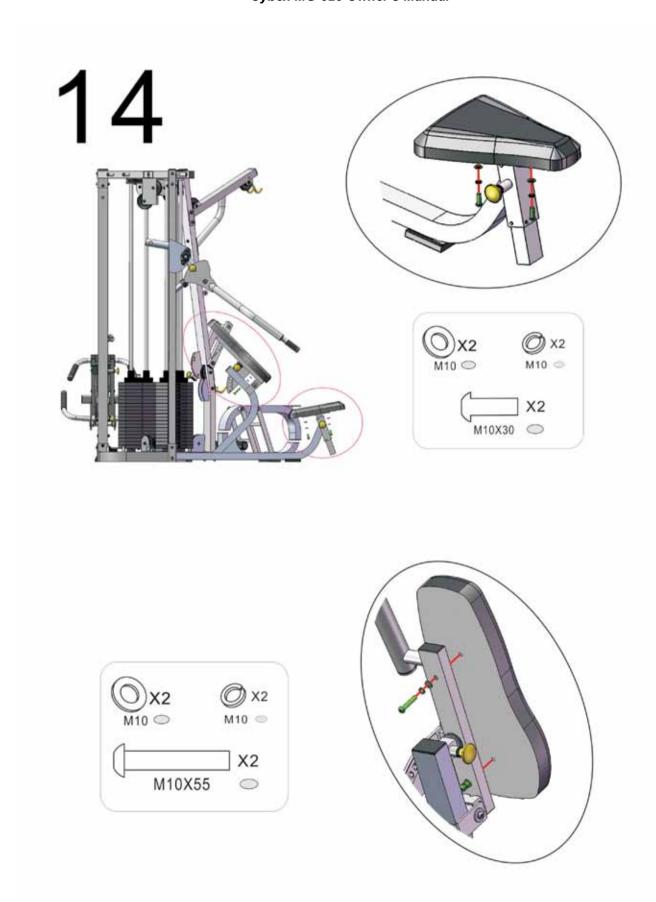
Assembly Page 4-10

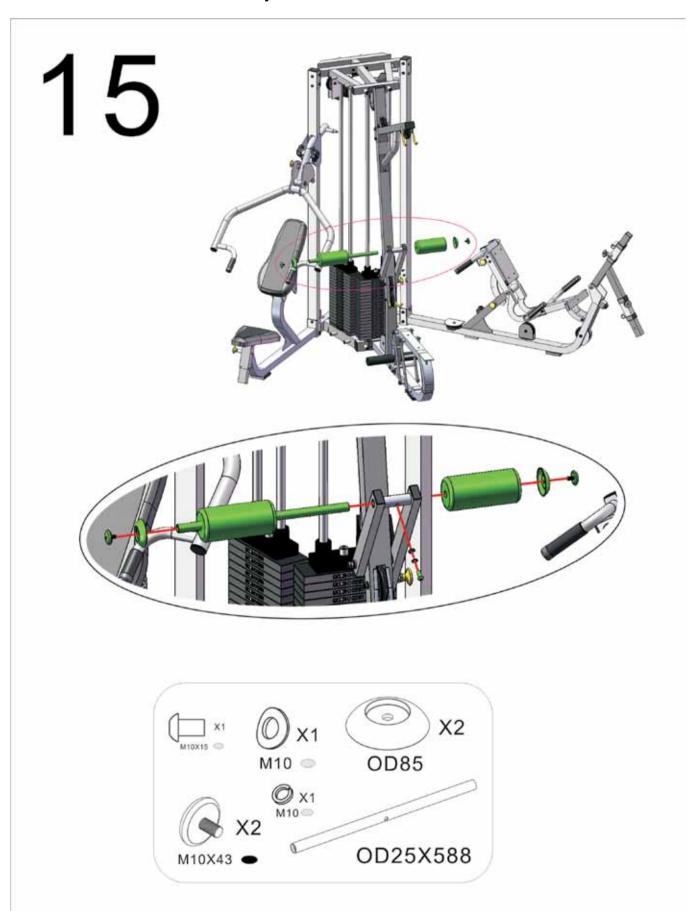


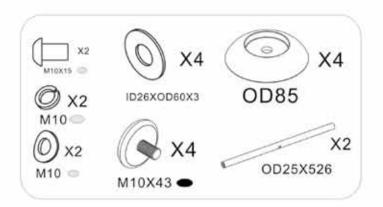


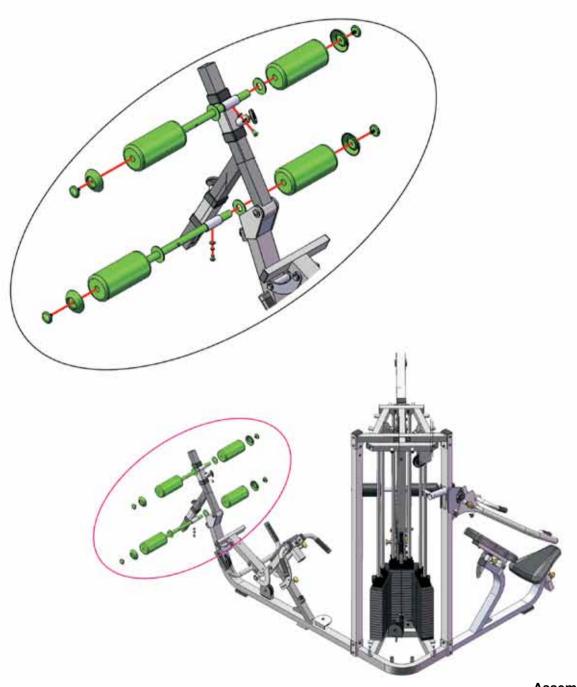






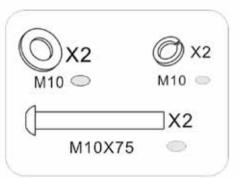


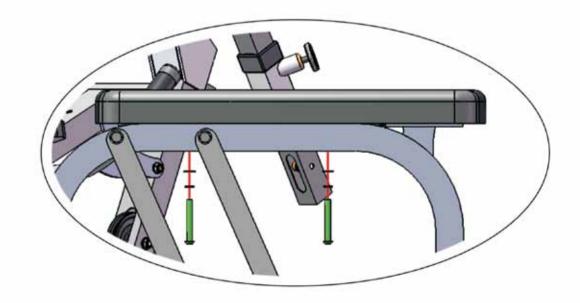




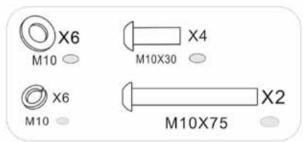


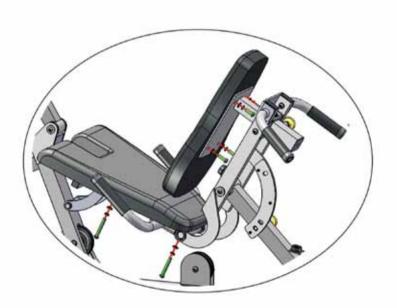




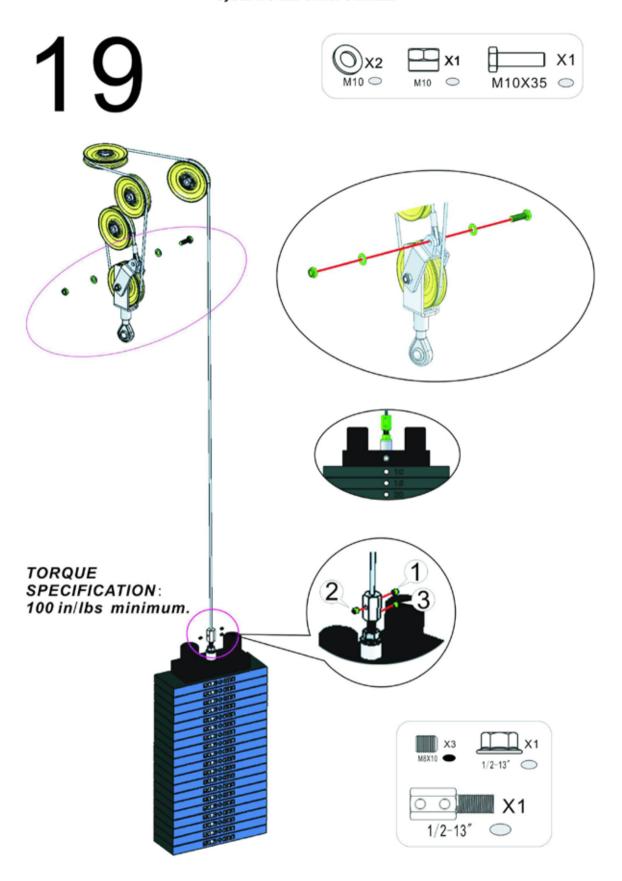




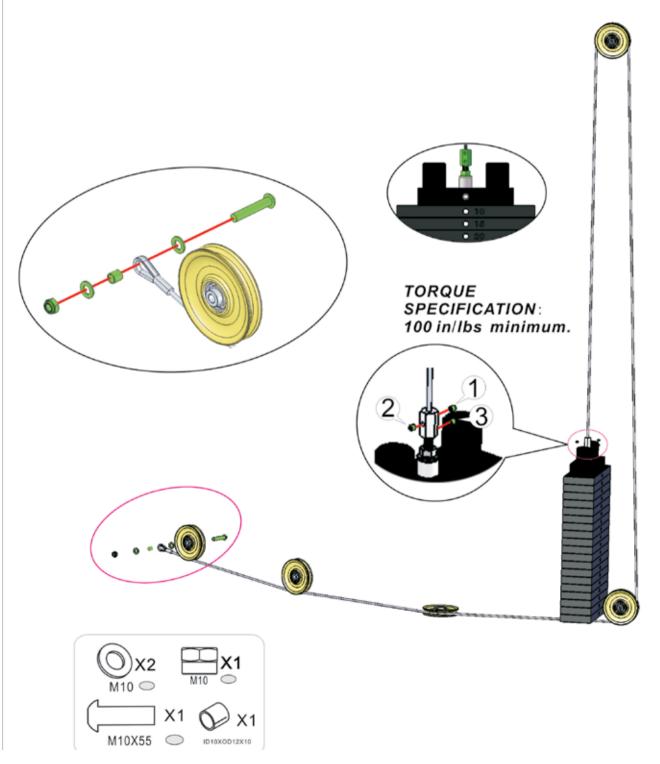


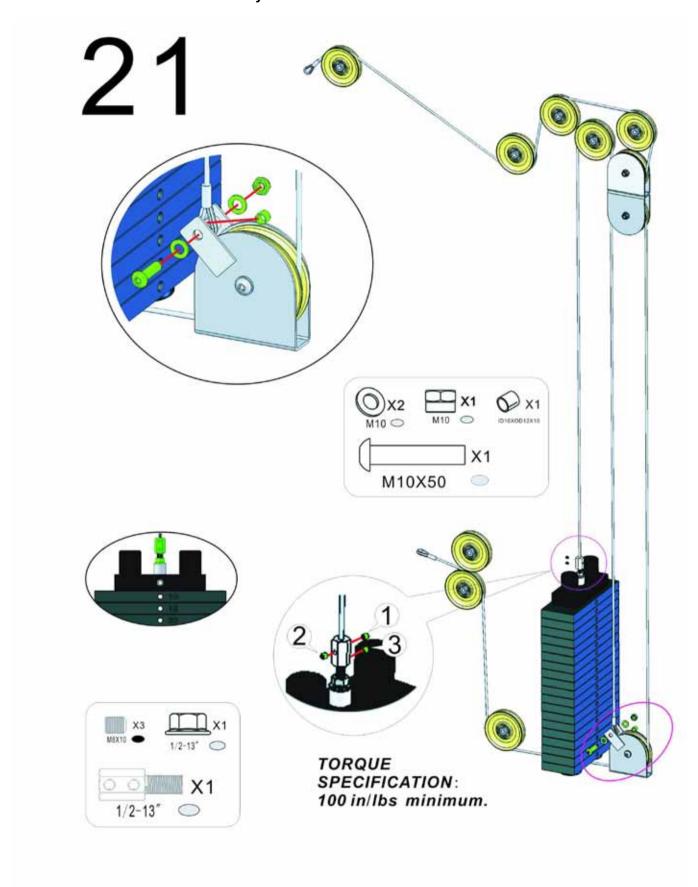


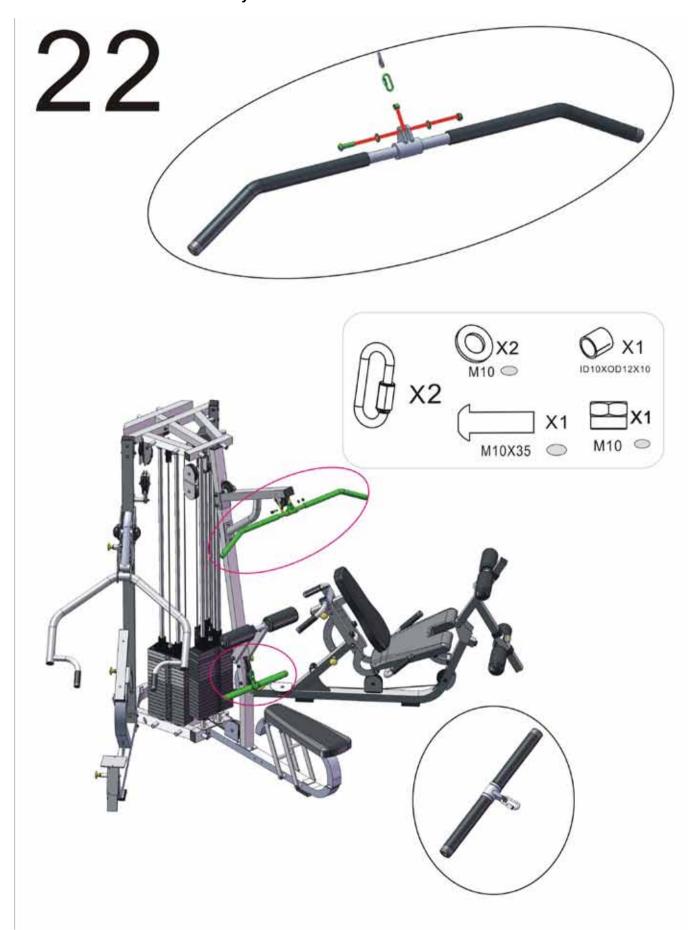
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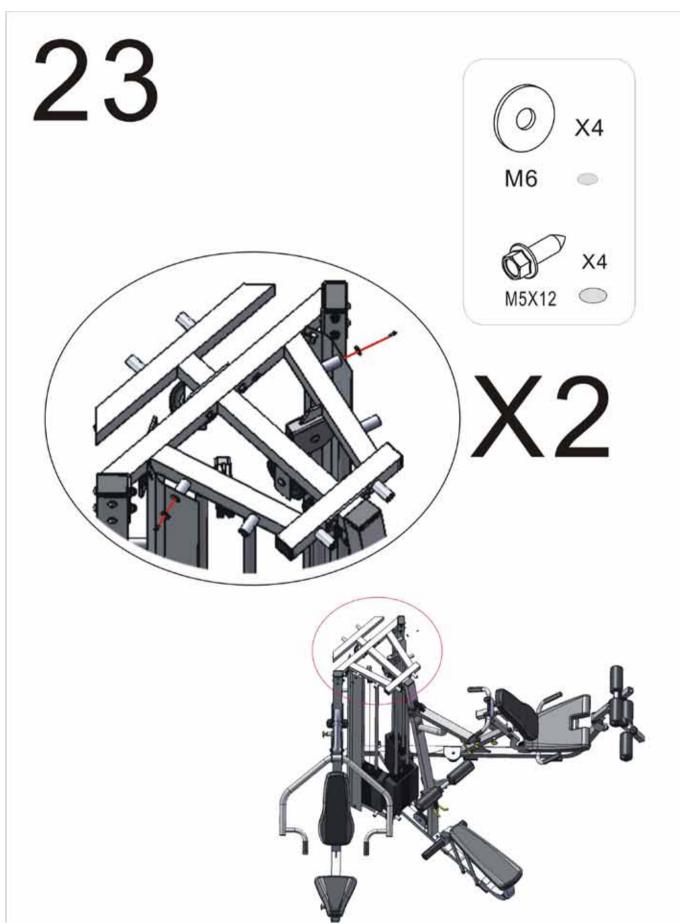


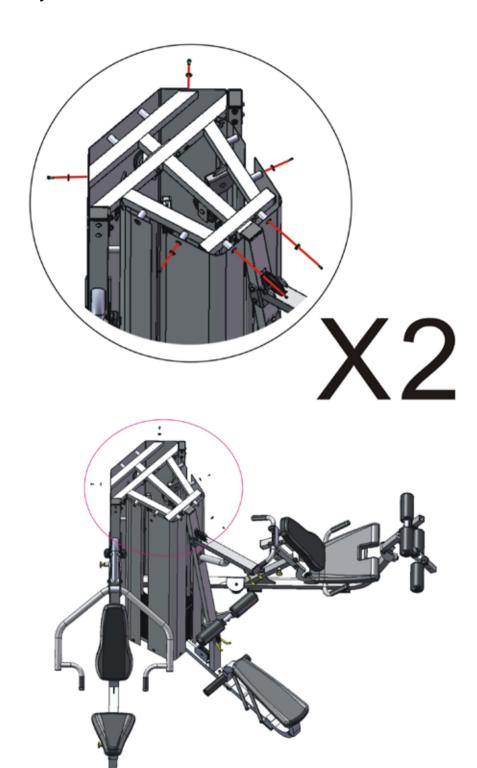


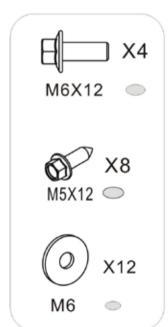












NOTE: Do not over tighten as plastic inserts may strip easily

Chapter 5 - Maintenance

All preventive maintenance activities must be performed on a regular basis. Performing routine preventive maintenance actions can aid in providing safe, trouble-free operation of all Cybex Strength Systems equipment.

NOTE:

Cybex is not responsible for performing regular inspection and maintenance actions for your machines. Instruct all personnel in equipment inspection and maintenance actions and also in accident reporting/recording. Cybex phone representatives are available to answer any questions or concerns that you may have.



Use only Cybex replacement parts when servicing. Failure to do so could result in personal injury.

NOTE: All inspections and repairs must be performed by trained service personnel only.

Cybex will void warranty if non-Cybex replacement parts are used.

Daily Procedures

1. Upholstery - Wipe down all upholstery as per the recommendations listed below for light soiling and more difficult stains.

Light Soiling

- A solution of 10% household liquid dish soap with warm water applied with a soft damp cloth.
- If necessary, a solution of liquid cleanser and water applied with a soft bristle brush. Wipe away the residue with a water dampened cloth.

More Difficult Stains

- Dampen a soft white cloth with a solution of 10% household bleach (sodium hypochlorite), 90% water. Rub gently. Rinse with a water dampened cloth to remove bleach concentration.
- The same procedure can be used with full strength household bleach, if necessary.
- Allow bleach to puddle on the affected area or apply with a soaked cloth for approximately 30 minutes. Rinse with a water dampened cloth to remove any remaining bleach concentration.

Alternative Method for Difficult Stains

• Dampen a soft white cloth with rubbing alcohol and rub gently. Rinse with a water dampened cloth to remove any remaining rubbing alcohol concentration.

NOTE: To restore luster, a light coat of spray furniture wax can be used. Apply for 30 seconds and follow with a light buffing using a clean white cloth.

Please Review Carefully

When using strong cleaning agents such as rubbing alcohol or bleach, it is advisable to first test in an inconspicuous area. Other cleaning agents may contain harsh or unknown solvents and are subject to formula changes by the product manufacturer without notice. Should you desire to use other cleaning agents, carefully try them in an inconspicuous area to determine potential damage to the material. Never use harsh solvents or cleaners which are intended for industrial applications. To clean stained or soiled areas, a soft white cloth is recommended. Avoid use of paper towels.

Cleaning products may be harmful/irritating to your skin, eyes, etc. Use protective gloves and eye protection. Do not inhale or swallow any cleaning product. Protect surrounding area/clothing from exposure. Use in a well ventilated area. Follow all product manufacturer's warnings. CYBEX and its vendors cannot be held responsible for damage or injuries resulting from the use or misuse of cleaning products.

- 2. Frames Wipe down all frames using a mild solution of warm water and car wash soap. Be sure to dry thoroughly. AVOID acid or chlorine based cleaners and also cleaners containing abrasives as these could scratch or damage the equipment.
- 3. Chrome Clean chrome tubes, first using chrome polish and then using a car wax seal. Neutral cleaners with a pH between 5.5 and 8.5 are recommended. Be sure to dry thoroughly. AVOID acid or chlorine based cleaners and also cleaners containing abrasives as these could scratch or damage the equipment.

4. Guidelines for cleaning front panel:

- Use clean soft cloths or sponges for application of cleaners and again for washing and rinsing.
- · Follow up the application with warm water rinse.
- Don't use abrasives or high alkaline cleaners.
- · Don't leave cleaners on for long periods, wash immediately.
- Don't apply cleaners in direct sunlight or at elevated temperatures.
- Don't use scrapers, squeegees or razors.
- · Don't clean with gasoline.

Compatible Cleaners and Detergents:

- Formula 409
- Top Job
- Joy
- Palmolive
- · Windex with Ammonia D

To Minimize Fine or Hairline Scratches:

Mild automotive polish applied and removed with a soft, clean cloth will help fill scratches.

Suggested Polishes:

- Johnson Paste Wax
- Mirror Glaze #10 Plastic Polish (by Mirror Bright Polish Co.)
- Novus Plastics Polish #1, #2 (by Novus Inc.)

Weekly Procedures

- 1. Check all nuts and bolts for looseness. Tighten as required.
- 2. Inspect all belts (entire length) for any non-uniformity and wear.

Immediately replace belt if any of the following conditions are present:

| | 3D View | 3D or Side View |
|---|--|---|
| • Peeling of the belt's skin. | | |
| • Wave in the belt. | | |
| Belt is necked down (narrow section). | Replace belt if any section is over 1/32" (.03") narrower than rest of the belt. | Examine edge of belt (both sides). Replace belt if any section is narrower than the rest. |
| • Cracks or splits. | | |
| • One or more strands of kevlar hanging out. NOTE: Also replace belt if there is a significant amount of frayed kevlar. | | |

3. Some machines use cables in addition to belts. Inspect all cables for wear or damage and proper tension. When inspecting cables, run your fingers on the cable, paying particular attention to bends in the cable and attachment points.

Replace all worn cables immediately. The following conditions may indicate a worn cable:

• A tear or crack in the cable sheath that exposes the cable. See Figure 1.

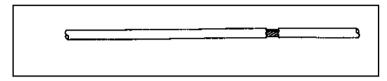


Figure 1

• A kink in the cable. See Figure 2.

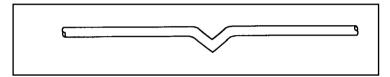


Figure 2

• A curled sheath. See Figure 3.

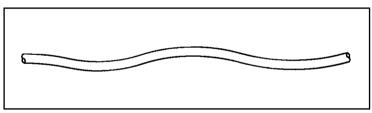


Figure 3

• "Necking", a stretched cable sheath. See Figure 4.



Figure 4

4. Inspect bars and handles for wear, paying particular attention to tab area connecting points.

Replace all worn handles immediately.

5. Inspect snap links for proper latching (indicates wear).

Replace all worn snap links immediately.

6. Inspect for loose or worn grips.

Replace all loose or worn grips immediately.

7. Inspect all labeling for readability. This includes instructional placards, warning and caution decals.

Replace all worn labeling immediately.

8. Inspect all weight stacks for proper alignment and operation.

Correct all improper alignment and operation issues immediately.

9. Wipe Weight Stack Guide Rods clean over entire length. Lubricate with a light coat of medium weight automotive engine oil.

Yearly Procedures

1. Replace all belts and cables at least annually.

Environment

Static Electricity - Depending upon where you live, you may experience dry air, causing a common experience of static electricity. This may be especially true in the winter time. You may notice a static build-up just by walking across a carpet and then touching a metal object. The same can hold true while working out on your unit. You may experience a shock due to the build-up of static electricity on your body and the discharge path of the unit. If you experience this type of situation, you may want to increase the humidity to a comfortable level through the use of a humidifier.

Humidity - The unit is designed to function normally in an environment with a relative humidity range of 30% to 75%.

NOTE: Do not install or use the unit in an area of high humidity, such as in the vicinity of a steam room, sauna, indoor pool or outdoors. Exposure to extensive water vapor, chlorine and/or bromine could adversely affect the electronics as well as other parts of the machine.

Temperature - The unit is designed to function normally in an environment with an ambient temperature range of 50°F (10°C) to 104°F (40°C) degrees.

Storage

Humidity - The unit can be shipped and stored in an environment with a relative humidity range of 10% to 90%.

NOTE: Do not store the unit in an area of high humidity, such as in the vicinity of a steam room, sauna, indoor pool or outdoors. Exposure to extensive water vapor, chlorine and/or bromine could adversely affect the electronics as well as other parts of the machine.

Temperature - The unit can be shipped and stored in an environment with an ambient temperature range of $32^{\circ}F$ (0° C) and $140^{\circ}F$ ($60^{\circ}C$) degrees.

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