

# PLS1400 PENDULUM SQUAT

 TRUE FITNESS



SCAN FOR UP-TO-DATE  
OWNER'S MANUAL



SCAN FOR  
ASSEMBLY VIDEO

MODEL PLS1400  
(MAN-PLS1400 REV07)

## OWNER'S MANUAL



## **IMPORTANT—PLEASE READ**

All products shown are prototype. Actual product delivered may vary. Product specifications, features, and software are subject to change without notice.

**For the most up-to-date version of this manual, please see our website:**

**<https://truefitness.com/services-support/user-manuals/>**

## **CONTACTING OUR SUPPORT TEAM**

To contact TRUE for any of your pre or post installation questions, please call our toll-free numbers Monday - Friday during normal business hours:

- Commercial Direct Customers and Corporate Accounts | 800.868.8783
- Retail Customers and Distributors | 800.883.8783

Or email us:

- Commercial Direct Customers and Corporate Accounts | [service.direct@truefitness.com](mailto:service.direct@truefitness.com)
- Retail Customers and Distributors | [service@truefitness.com](mailto:service@truefitness.com)
- Service International | [int.service@truefitness.com](mailto:int.service@truefitness.com)

When contacting TRUE, please have the following information ready:

- Serial Number of Unit
- Contact Information—Full Name, Email, and Phone Number
- Address of Facility or Residence
- Detailed Description Regarding Symptom of the Unit (along with pictures or video if applicable)

**NOTE:** Authorized service providers, dealers, and distributors may also use TRUE's online resource | [portal.truefitness.com](http://portal.truefitness.com).

## **CONTACTING OUR SALES TEAM**

Interested in owning more TRUE products? Please contact us with any product inquires so that we may direct you to the appropriate sales representative to help answer your questions.

- Phone | 800.426.6570
- Email | [sales@truefitness.com](mailto:sales@truefitness.com)

## **REPORTING FREIGHT CLAIMS OR PARTS DAMAGE**

Unfortunately, sometimes materials can be damaged during shipment. If materials are damaged during shipment, please follow the guidelines below to determine the appropriate process for you to follow.

### **Severe Damage—Obvious damage to external packaging and internal product.**

Please refuse the shipment and it will be returned to TRUE by the carrier. Contact TRUE product support by calling 800.883.8783 or sales support by calling 800.426.6570 Monday–Friday during normal business hours to notify us that the shipment has been refused. Once we have received the damaged shipment, a replacement shipment will be sent to you. If the shipment comes in multiple boxes, only refuse boxes with damage.

### **Slight Damage—Minimal damage to external packaging with unknown internal damage to product.**

If the shipment has minimal damages and you are not sure if the actual product is damaged, you must sign the bill of lading as damaged when accepting the shipment. Once you have opened the box and you have determined something is indeed damaged, please gather the serial number, model number, description of damage, and photos of damage. Please make sure the photos include the damaged product as well as the damaged box the product arrived in. Contact TRUE product support ([service@truefitness.com](mailto:service@truefitness.com) | 800.883.8783) or TRUE sales support ([sales@truefitness.com](mailto:sales@truefitness.com) | 800.426.6570) Monday–Friday during normal business hours.

### **Concealed Damage—No damage to external packaging but internal damage to product.**

You may receive a shipment that looks intact and discover once the box has been opened that there are hidden damages. Please notify the carrier immediately. TRUE will not be able to file a claim if the carrier is not notified in a timely manner. Once you have called the carrier you will need to gather the serial number, model number, description of damage, and photos of damage. Contact TRUE product support ([service@truefitness.com](mailto:service@truefitness.com) | 800.883.8783) or TRUE sales support ([sales@truefitness.com](mailto:sales@truefitness.com) | 800.426.6570) Monday–Friday during normal business hours.



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## **SAFETY INSTRUCTIONS**

### **IMPORTANT SAFETY INSTRUCTIONS—SAVE THESE INSTRUCTIONS**

#### **FACILITY AND USER SAFETY PRECAUTIONS**

- Review and understand all of the warning labels affixed to this machine and on the facility safety sign.
- Be certain that the machine operation is understood before it is used. Refer to the instructional procedure label affixed to the machine.
- Make sure all users are properly trained on how to use this equipment. If this machine is being used in a commercial setting, end users may not have access to this owners manual. It is the responsibility of the facility to instruct users as to the proper usage of the equipment as well as making them aware of potential hazards. Maximum user weight is 400 lbs / 182 kg.
- Use each machine only for the intended exercise. Do not allow anyone to invent exercises not included on the instructional procedure label or the intended use label.
- Do not modify the machine.
- This equipment meets industry safety standards for stability when used for the intended exercise. Do not allow straps, resistance bands or other means to be attached to the framework of this machine to perform stretching or body weight exercises. This can result in machine instability and lead to serious crushing injuries.
- Keep children away from this equipment. Adults should closely supervise use by teenagers.
- It is recommended that users receive a thorough medical exam before commencing an exercise program. All medical issues should be reviewed to ensure that weight training will not aggravate pre-existing medical conditions.
- If the machine appears damaged or inoperable, contact a facility staff member to place an “OUT OF ORDER, DO NOT USE” sign on the machine until it is repaired. Only use TRUE supplied replacement components to service this machine.
- Instruct users not to wear loose or dangling clothes or have headphone wires hanging when using this equipment.
- Do not attempt to free any jammed assemblies by yourself as this may cause injury.
- On Plate Loaded and Free Weight machines:
  - Use of spotter(s). Instruct users to seek the advice of the facility staff as to the appropriate use of spotters when lifting. More than one spotter may be required depending upon the amount of weight being lifted.
  - Instruct users to load weight plates evenly and carefully to avoid tipping equipment and crushing injuries.
  - If the machine is equipped with safety stops or catches, inspect them and verify their proper operation before use and make sure they are securely in place before using or exiting the machine. Be certain members are instructed on how to operate and adjust all safety mechanisms.
  - This equipment is designed for standard olympic size weight plates with a 50mm bore (1.9”).
  - Do not exceed the maximum weight capacity of the machine. Maximum plate size is 45 lbs / 20 kg.

## **INSTALLATION SAFETY PRECAUTIONS**

- Read this installation manual entirely before assembling this equipment.
- Verify that there is adequate space surrounding this piece of equipment for safe access and operation. Installation must meet ADA requirements for accessibility.
- Install this piece of equipment on a solid level surface that does not deviate more than 1/8" over a 10' distance (or as defined and required by local building and architectural codes).
- **DO NOT** install any fitness equipment near a pool, hot tub or other damp locations. Corrosion caused by installation in these locations can lead to premature failure of components.
- **Be sure all hardware is tight before using this equipment.**
- Some assembly materials may come preassembled in the carton. Refer to the Assembly Instructions for more information on disassembling any assembly materials before beginning assembly.

## **EQUIPMENT INSTALLATION AND STABILITY**

- TRUE Fitness designs its products to be stable when used as intended.
- Training environments vary, and TRUE Fitness cannot predict the specific conditions under which users will set up or operate our products.
- To ensure safety and optimal performance, TRUE Fitness requires that all flexibility and strength training equipment be securely anchored to a solid, level surface.
- Anchoring holes are provided on the feet of the frame. All anchoring locations must be used when anchoring the equipment to the floor. Proper anchoring prevents instability, rocking, or tipping during use.
- Regardless of the fastener type or method used, each anchoring fastener must withstand a minimum pull-out force of 3.3 kN (750 lbs) from the floor to ensure proper stability and safety compliance.
- It is the facility's responsibility to ensure installation complies with all applicable local and regional building codes and that equipment is installed according to manufacturer guidelines.
- A licensed contractor or structural engineer should be consulted to verify that installation methods meet local building regulations and are appropriate for the specific type of flooring used.
- TRUE Fitness shall not be held liable for any injuries, damages, or equipment malfunctions resulting from failure to properly secure or bolt equipment to the floor or from improper installation practices.
- If two assembled units are linked together, both units must be anchored to the floor.

## **MAINTENANCE SAFETY PRECAUTIONS**

- Refer to the maintenance schedule table in this manual for when to perform maintenance.
- Check the function of your machine DAILY by verifying the following:
  - Verify that all adjustments are possible and carried out with ease. Make sure that each adjustment pin inserts completely into each position without binding.
  - Verify that safety catches and stops are in proper working order and engaged.
  - Verify that the exercise is performed smoothly, free of noise, and/or binding.
- Check the function of your machine WEEKLY by verifying the following:
  - Nuts, Bolts, and Fasteners: check tightness weekly. If any hardware has become loose, retighten it, use Loctite® Threadlocker 242, or both.
  - Frames and Lifting Arms: Inspect weekly for integrity and function. Replace any component at first signs of wear. Use only TRUE supplied components.
- Replace any warning label at the first sign of wear. Labels and the facility safety sign may be obtained from TRUE.

## GENERAL CARE AND MAINTENANCE

### IMPORTANT

Preventative maintenance is crucial to maintaining the function and safety of this equipment. Your facility must establish written guidelines for preventative maintenance and keep written or online records of the maintenance performed on these products. As a minimum, the items presented in the SAFETY section of this document and the items that follow here, should be included in your maintenance program.

- Nuts, bolts, and fasteners—check tightness weekly. If any hardware has become loose, retighten and/or use Loctite® brand Threadlocker 242. Be sure all hardware is tight before using the machine.
- Safety catches—inspect catches, stop rods and their associated fasteners. Tighten any loose hardware and replace any components at first signs of wear.
- Frames—sweat, disinfecting sprays and spills can lead to corrosion which may lead to premature failure of components. Wipe all machines down with a damp cloth and dry completely each day. This includes painted parts, chrome parts and upholstered pads.
- Painted and chrome plated parts—use Simple Green with a dilution of 32:1 or similar cleaner for light dirt and grime. Use Turtle Wax Polishing Compound or a good car polish to remove heavier dirt and grease as well as for polishing. DO NOT use solvents, lacquer thinner, acetone or finger nail polish remover. For scuffs and marks that are not removed by the above methods use a soft scrub cleanser. Make sure all parts are dry upon completion.
- Exercise instruction labels—clean with soap and water as needed.
- Bronze bushings—check monthly for signs of wear and replace as needed.
- Linear bearing shafts—wipe any accumulation of dust or other contaminants from the shafts on a weekly basis. Apply a thin layer of a Teflon® (PTFE) grease on a weekly basis. TRUE recommends Magnalube® brand.
- When replacing any component, use only TRUE supplied parts.
- Be sure all hardware is tight before using the machine.

Retain these instructions for future reference. If you have any questions, do not hesitate to contact your TRUE dealer or TRUE product support ([service@truefitness.com](mailto:service@truefitness.com) | 800.883.8783).



## COMMERCIAL MAINTENANCE SCHEDULE

Commercial Maintenance Schedule					
	Daily	Weekly	Monthly	6 Months	Annually
Inspect all nuts and bolts and tighten if needed.		X			
Inspect safety catches, stop rods, and their fasteners. Replace at the first sign of wear.	X				
Inspect all anti-slip surfaces and replace as needed.		X			
Inspect all adjustment pins, set screws, and gas shocks if equipped.	X				
Inspect all accessory bars and handles.		X			
Inspect all safety and instructional decals.	X				
Clean and condition upholstery.	X				
Clean and polish frame.	X				
Clean and polish chrome.	X				
Lubricate pivot bearings and linear bearings.				X	

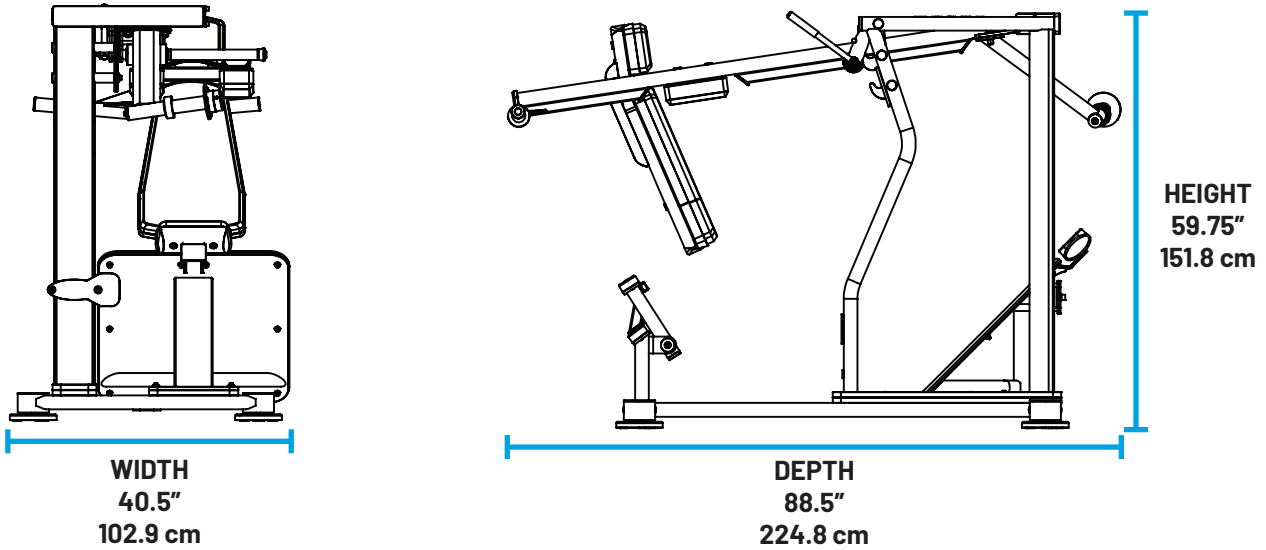
## COMPLIANCES

This equipment complies with all applicable codes and regulations. For a complete list of compliances, please visit [www.truefitness.com](http://www.truefitness.com).

## DIMENSIONS AND WEIGHTS

- ASSEMBLED DIMENSIONS (W X D X H)**

40.5" x 88.5" x 59.75" / 102.9 cm x 224.8 cm x 151.8 cm



- PRODUCT WEIGHT**

620 lbs / 281.2 kg

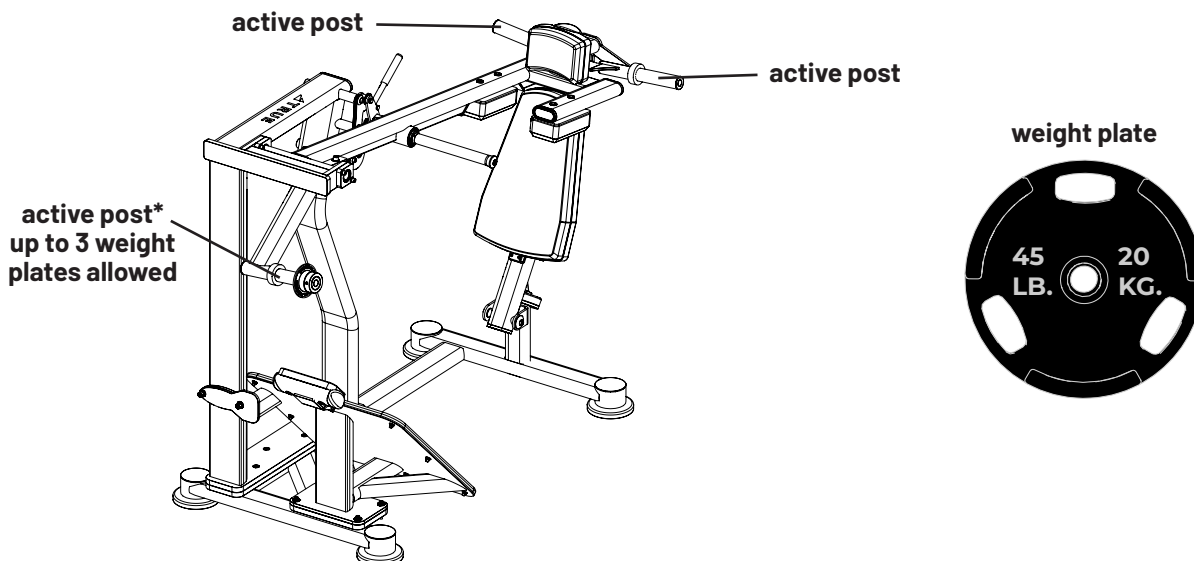
- MAXIMUM USER WEIGHT**

400 lbs / 182 kg

- MAXIMUM LOAD (USER WEIGHT + WEIGHT PLATES)**

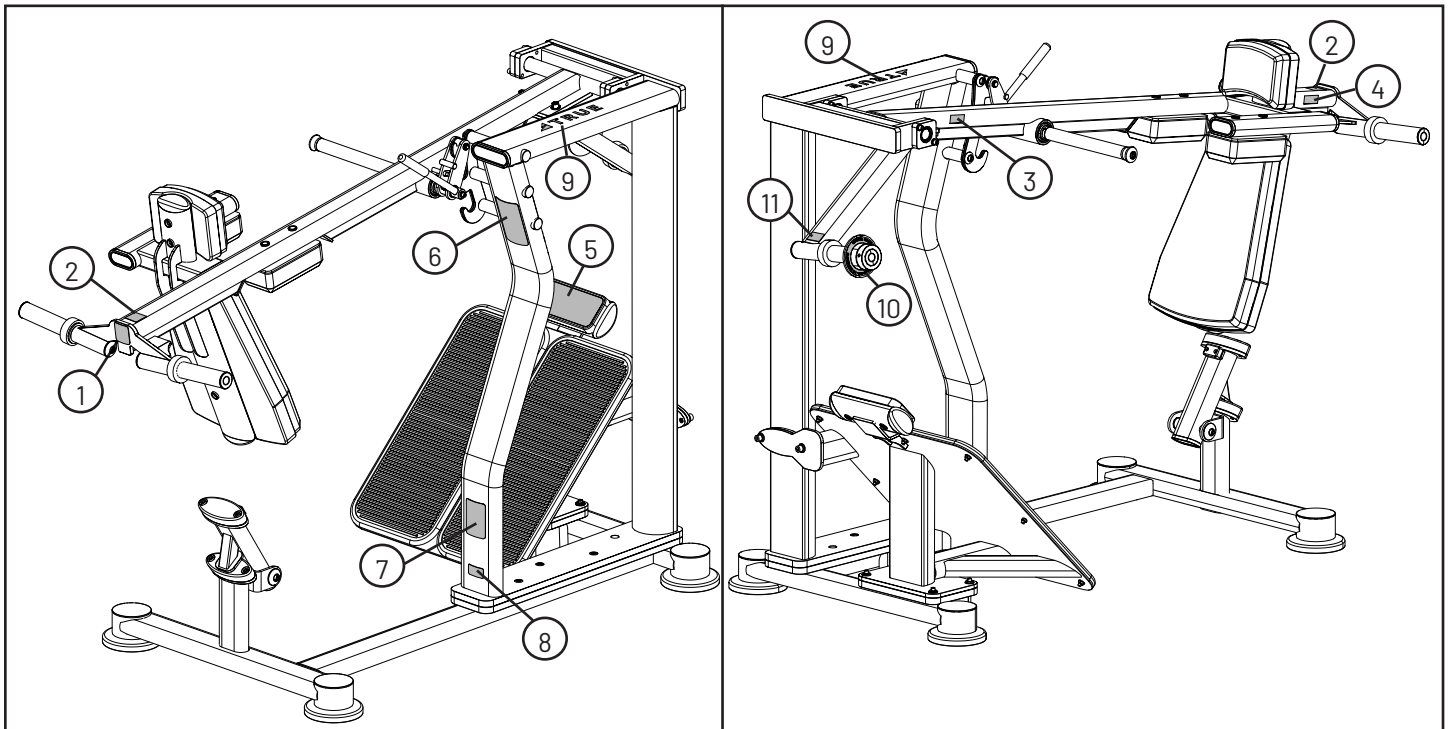
895 lbs / 406 kg

POST CAPACITY					
Number of Active Posts	Max 45LB. Plates Per Active Post*	Total Weight Plates Allowed*	Number of Storage Posts	Max 45LB. Plates Per Storage Post	Total Weight Plates Allowed
3	4*	11*	0	4	0



## LABEL LOCATIONS


Item	Part#	Description	Qty
1	LBL-WRN-PLS003	LABEL, 4 PLATE WARNING	1
2	LBL-PLS14-ARM001	LABEL, RESISTANCE INCREASE	1
3	LBL-PLS14-ARM002	LABEL, WEIGHT INCREASE DIRECTION	1
4	LBL-PLS14-CWT003	LABEL, WEIGHT REDUCTION	1
5	LBL-PRO-PLS1400	LABEL, PLS1400 PROCEDURE	1
6	LBL-WRN-PLS001	LABEL, GENERAL WARNING	1
7	LBL-MTN-PLS001	LABEL, MAINTENANCE	1
8	SPL-00-LBLSN	LABEL, SERIAL NUMBER	1
9	LBL-LOG-010BK	LABEL, 10" NEW TRUE LOGO, WHITE	1
10	LBL-PLS14-CWT001	LABEL, PLS1400 COUNTER WEIGHT	1
11	LBL-PLS14-CWT002	LABEL, WEIGHT RESISTANCE REDUCTION	1



## WARNING AND INTENDED USE LABELS

**⚠ WARNING:** Replace all labels that may be worn, damaged, or missing.

To replace any worn or missing decals contact TRUE product support ([service@truefitness.com](mailto:service@truefitness.com) | 800.883.8783).

Part# and Description	Image
LBL-WRN-PLS003 (Plate Weight)	

Part# and Description	Image
LBL-PLS14-ARM001 (Increase Resistance)	
LBL-PLS14-ARM002 (Increase Direction)	
LBL-PLS14-CWT003 (Reduce Direction)	
LBL-PRO-PLS1400 (Placard)	
LBL-WRN-PLS001 (General Warning)	
LBL-MTN-PLS001 (Maintenance)	
SPL-00-LBLSN (Serial Number)	
LBL-LOG-010BK (Logo)	
LBL-PLS14-CWT001	
LBL-PLS14-CWT002 (Reduce Resistance)	

## ASSEMBLY INSTRUCTIONS

 **NOTE:** Supplemental video available @TRUEFitnessServiceVids: [https://youtu.be/jhdJ\\_KFv6D4](https://youtu.be/jhdJ_KFv6D4)

### PREASSEMBLY CHECKLIST

**⚠ CAUTION:**



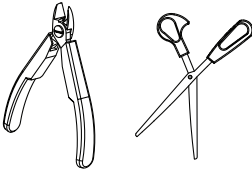
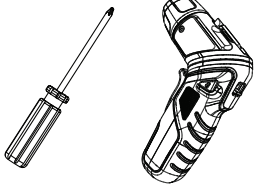
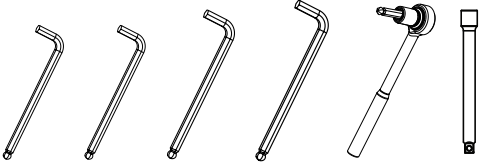
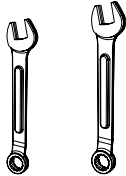
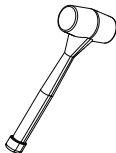
Use caution when assembling this product. Unpacking and assembling this product requires two or more people.



Use caution when unpacking this product. Avoid damage to the product and product pads. **DO NOT** use a box cutter. **DO NOT** slice into the packaging.

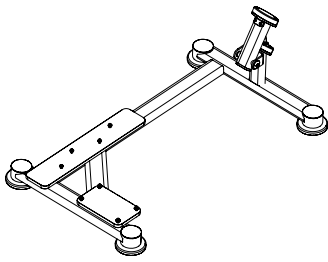
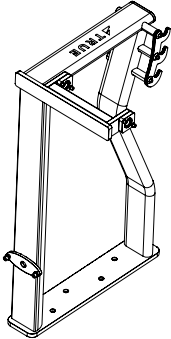
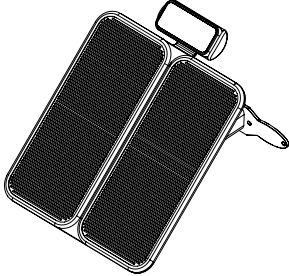
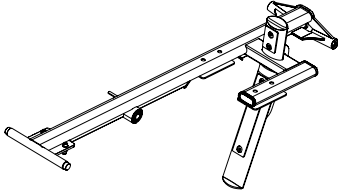
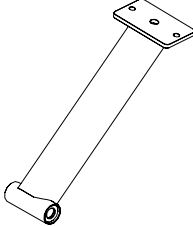
### VERIFY BOX CONTENTS

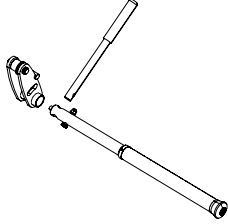
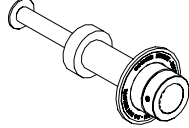
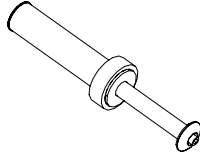
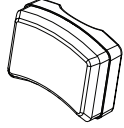
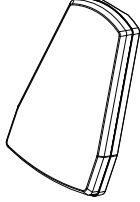

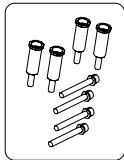

**IMPORTANT!** Please verify all box contents. If you have questions, or if there are any missing parts, contact product support ([service@truefitness.com](mailto:service@truefitness.com) | 800.883.8783).

TOOLS NEEDED FOR ASSEMBLY	
Wire Cutters or Scissors (used in unboxing the machine)	
#2 Phillips Screwdriver or Electric Screwdriver (both are optional in unboxing the machine)	
3/16", 7/32", 5/16", and 3/8" and " Allen Wrenches (or ratcheting socket wrench with hex bits - ball end recommended)	
9/16" and 3/4" Wrenches	
Rubber Mallet	




**THIS PRODUCT SHIPS IN MULTIPLE CARTONS.  
ENSURE YOU HAVE ALL PARTS SHOWN BEFORE ASSEMBLING THE EQUIPMENT.**

BOX CONTENTS		
Item	Image	Qty
Base Frame Assembly		1
Side Frame Assembly		1
Foot Plate Assembly		1
Lifting Arm Assembly		1
Counter Weight Assembly		1

BOX CONTENTS		
Item	Image	Qty
Lifting Arm Handle Bar and Catch Assembly Parts		1
Counter Weight Weight Post Assembly		1
Active Weight Post Assemblies		2
Head Pad Assembly (includes pad and tray)		1
Back Pad Assembly (includes pad and tray)		1
Shoulder Pad Assemblies		2
Pad Kit Hardware Bag		1
Manual		1

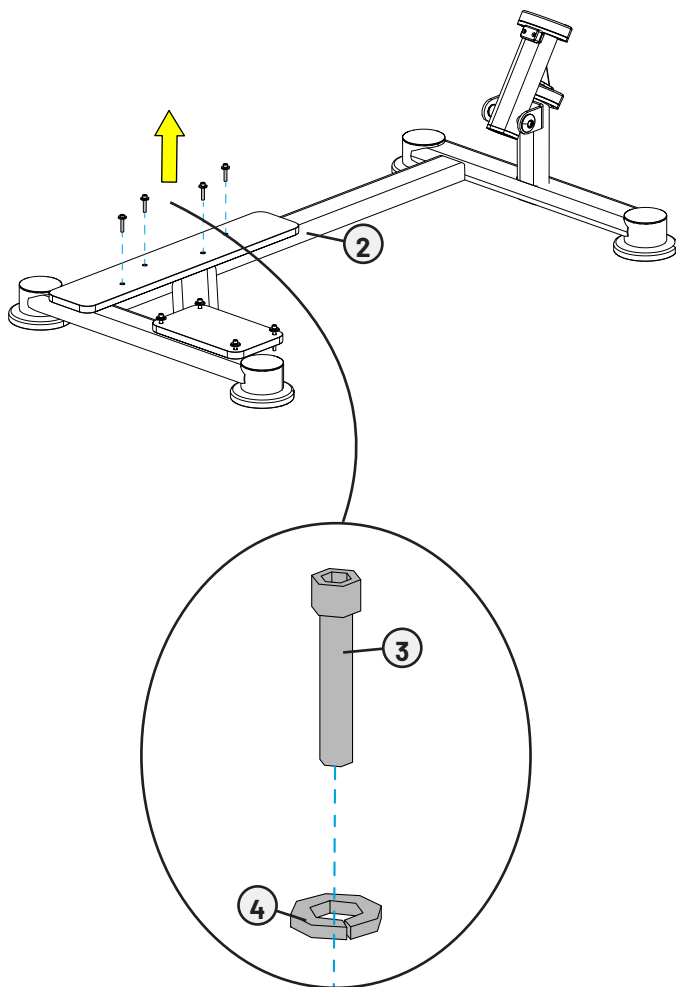
## ASSEMBLY STEPS

### STEP 1—ASSEMBLE SIDE AND BASE FRAME

Tools Used in this Step	
7/32" Allen Wrench (ball end recommended)	

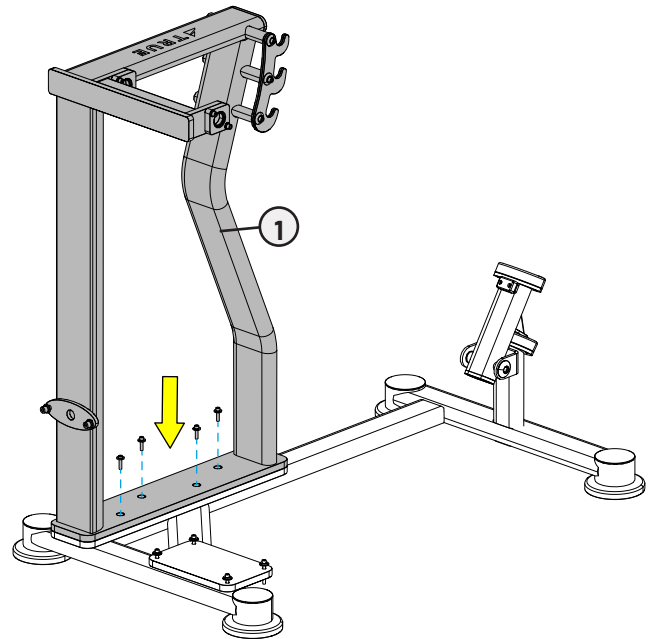
Parts Used in this Step			
ITEM	PART#	DESCRIPTION	QTY
1	PLS-14-SFR000X	ASSEMBLY, SIDE FRAME	1
2	PLS-14-BFR000X	ASSEMBLY, BASE FRAME	1
3	C 641A	SHCS, 1/2"-13 X 1-1/4", BLK	4
4	C 750B	LOCK WASHER, 1/2MED.SPLIT, BLACK BED	4

- A. Remove and set aside the preassembled socket head cap screws and lock washers from the base frame assembly.




- B. Using three or more people, carefully line up the side frame assembly with the base frame assembly and finger tight the previously removed socket head cap screws and lock washers.

DO NOT fully tighten the hardware until all the frame pieces have been assembled.



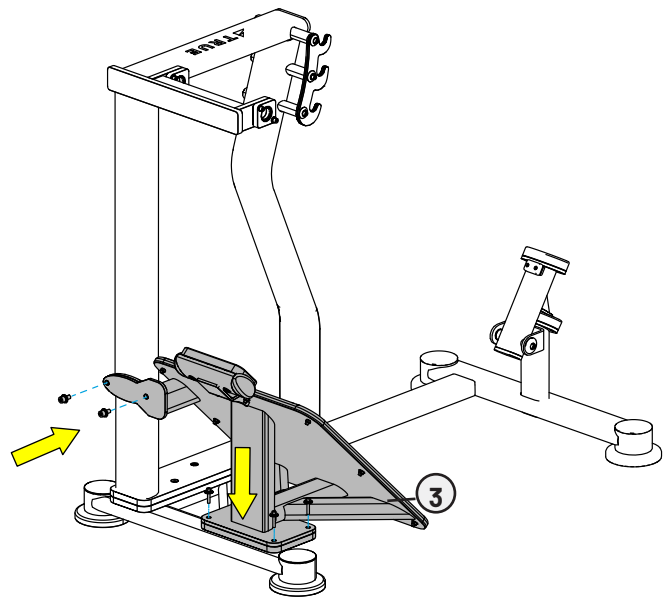
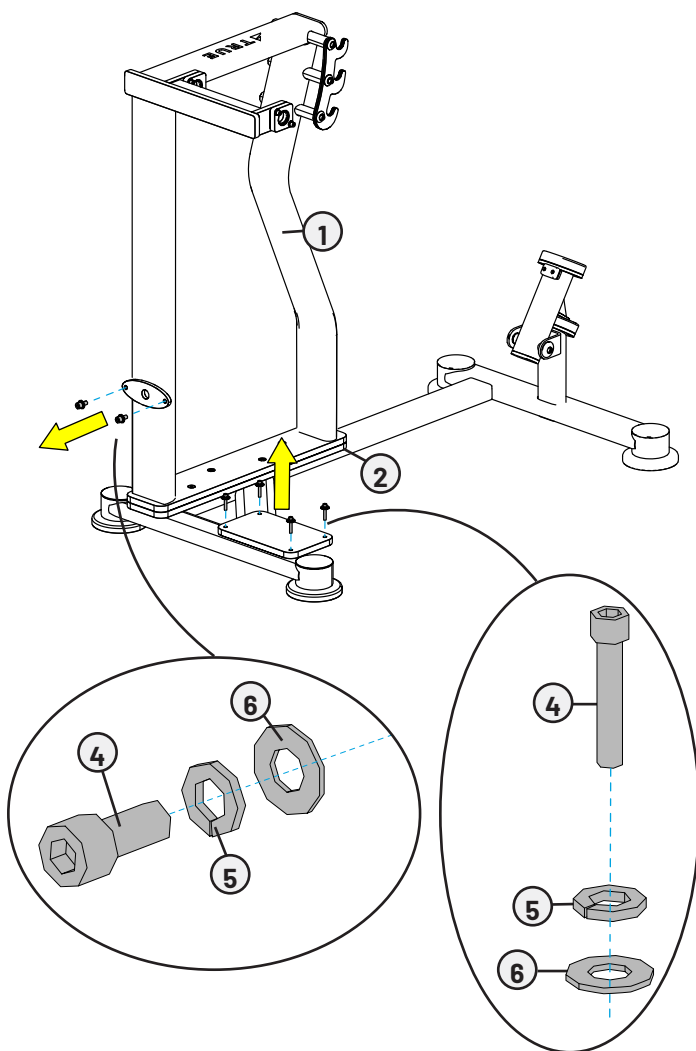
## STEP 2—ASSEMBLE THE FOOT PLATE ASSEMBLY TO THE FRAME

Tools Used in this Step	
7/32" and 3/8" Allen Wrench (ball end recommended)	



Parts Used in this Step			
ITEM	PART#	DESCRIPTION	QTY
1	PLS-14-SFR000X	ASSEMBLY, SIDE FRAME	1
2	PLS-14-BFR000X	ASSEMBLY, BASE FRAME	1
3	PLS-14-FPT000X	ASSEMBLY, FOOT PLATFORM	1
4	C 641A	SHCS, 1/2"-13 X 1-1/4", BLK	6
5	C 750B	LOCK WASHER, 1/2MED.SPLIT, BLACK BED	6
6	C 755C	WASHER, FLAT, 1/2", BLK ZP	6

A. Remove and set aside the preassembled socket head cap screws, lock washers, and flat washers securing the side frame assembly and base frame assembly.

B. Using three or more people, carefully place the foot plate assembly onto the base frame arm assembly and finger tight the previously removed socket head cap screws, lock washers, and flat washers.  
DO NOT fully tighten the hardware until all the frame pieces have been assembled.

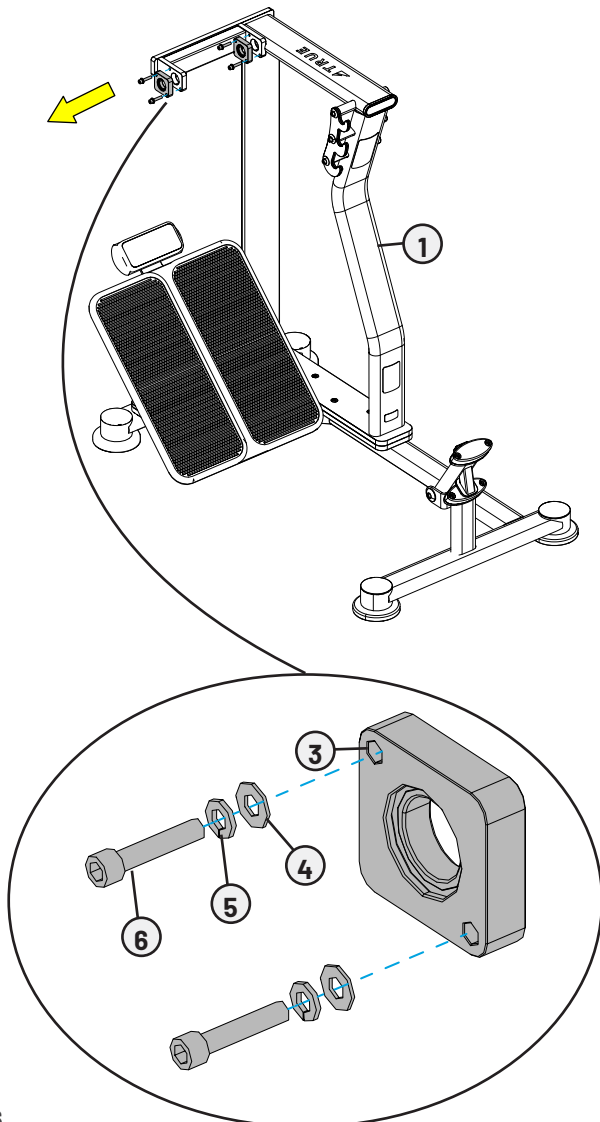


## STEP 3—ASSEMBLE THE LIFTING ARM ASSEMBLY TO THE SIDE FRAME

Tools Used in this Step	
5/16", 7/32", and 3/8" Allen Wrench (ball end recommended)	
Rubber Mallet	

Parts Used in this Step			
ITEM	PART#	DESCRIPTION	QTY
1	PLS-14-SFR000X	ASSEMBLY, SIDE FRAME	1
2	PLS-14-ARM000X	ASSEMBLY, LIFTING ARM PLS1400	1
3	PLS-14-BRG000X	ASSEMBLY, BEARING HOUSING	2
4	C 754B	WASHER, FLAT, 3/8" X 13/16 OD X .07 THK BLACK	4
5	C 749B	LOCK WASHER, 3/8", BLK ZP	4
6	C 626A	SHCS, 3/8"-16, 1-3/4", BLK	4

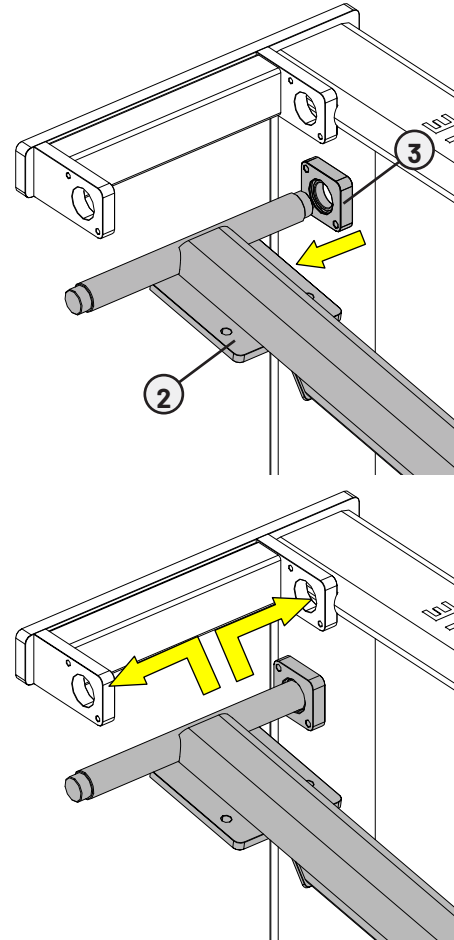
- A. Remove and set aside the four preassembled socket head cap screws, lock washers, and flat washers securing the two bearing assemblies to the side frame assembly.



- B. Using three or more people, carefully slide one bearing assembly onto the lifting arm assembly and then place the lifting arm assembly into the side frame assembly.

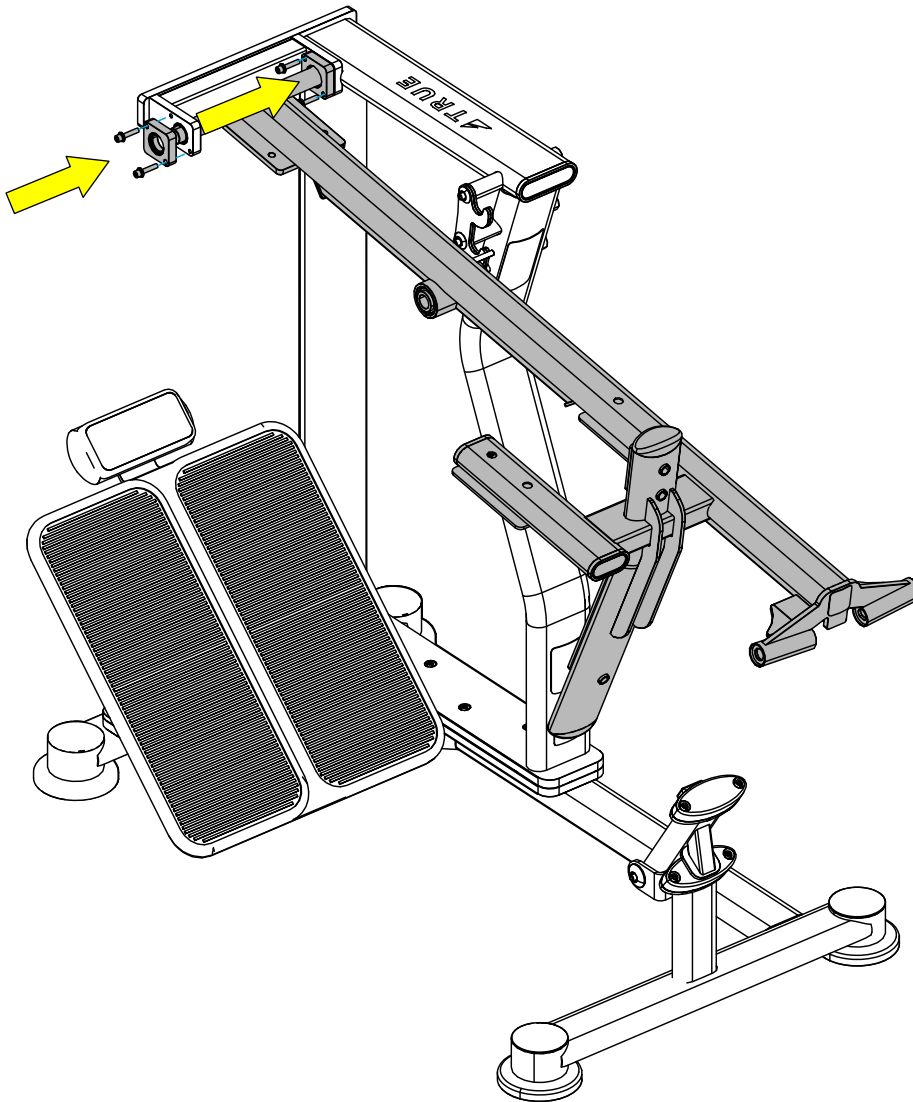
### NOTES:

- Note the orientation of the bearing assembly, the concave side is pressed onto the lifting arm assembly.
- You might need a rubber mallet to tap the pieces in place.



### STEP 3—ASSEMBLE THE LIFTING ARM ASSEMBLY TO THE SIDE FRAME CONTINUED

- C. Using three or more people, secure the lifting arm assembly to the side frame assembly by finger tightening the previously removed socket head cap screws, lock washers, flat washers, and bearing assemblies.
- D. When all hardware is finger tight, use the appropriate size allen wrench, fully tighten the base frame, side frame, and foot plate hardware at this time.

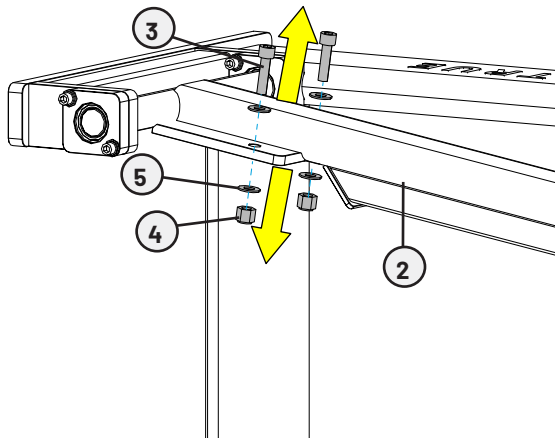


## STEP 4—ATTACH COUNTER WEIGHT ASSEMBLY TO LIFTING ARM ASSEMBLY

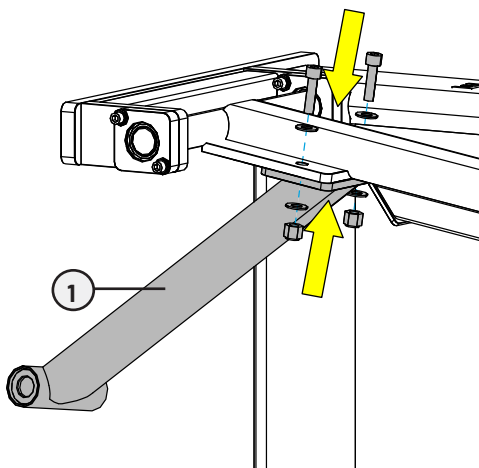
Tools Used in this Step	
5/16" and 3/8" Allen Wrench (ball end recommended)	
3/4" Wrench	

Parts Used in this Step			
ITEM	PART#	DESCRIPTION	QTY
1	PLS-14-CWT000X	ASSEMBLY, COUNTER WEIGHT	1
2	PLS-14-ARM000X	ASSEMBLY, LIFTING ARM PLS1400	1
3	C 642A	SHCS, 1/2"-13 X 1-1/2", BLK	2
4	C 743B	LOCK NUT, 1/2"-13 NYL INS JAM, BLK, ZP	2
5	C 755C	WASHER, FLAT, 1/2", BLK ZP	4
6	N/A	COUNTER WEIGHT - WEIGHT HORN	1
7	PLS-00-CAP005	ARM BOLT CAP	1
8	C 749B	LOCK WASHER, 3/8", BLK ZP	1
9	C 622A	SHCS, 3/8"-16 X 3/4"	1

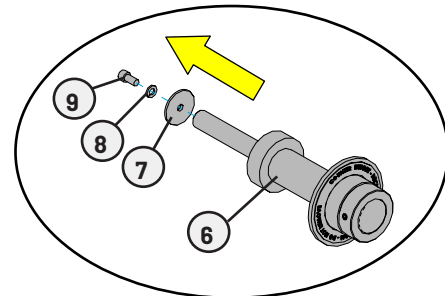
- A. Remove and set aside the preassembled socket head cap screws, flat washers, and nuts from the lifting arm assembly.



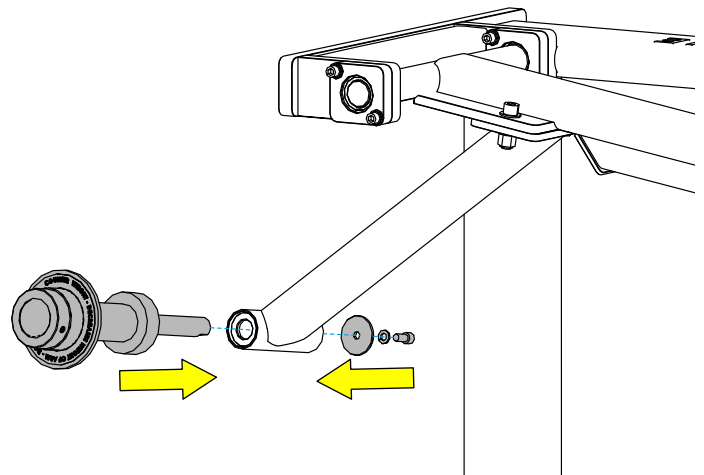
- B. Using two people, carefully attach the counter weight assembly to the lifting arm assembly and secure in place using the previously removed socket head cap screws, flat washers, and nuts.



- C. Using a 5/16" allen wrench, remove and set aside the socket head cap screw, lock washer, and cap from the counter weight post assembly.



- D. Attach the counter weight post assembly to the counter weight assembly:
- Line up flat edge of the weight post axle with the flat edge of the shaft and using a rubber mallet, lightly tap the weight post axle into the shaft.
  - Using a 5/16" allen wrench, attach the socket head cap screw, lock washer, and cap to secure the counter weight post assembly to the counter weight assembly.

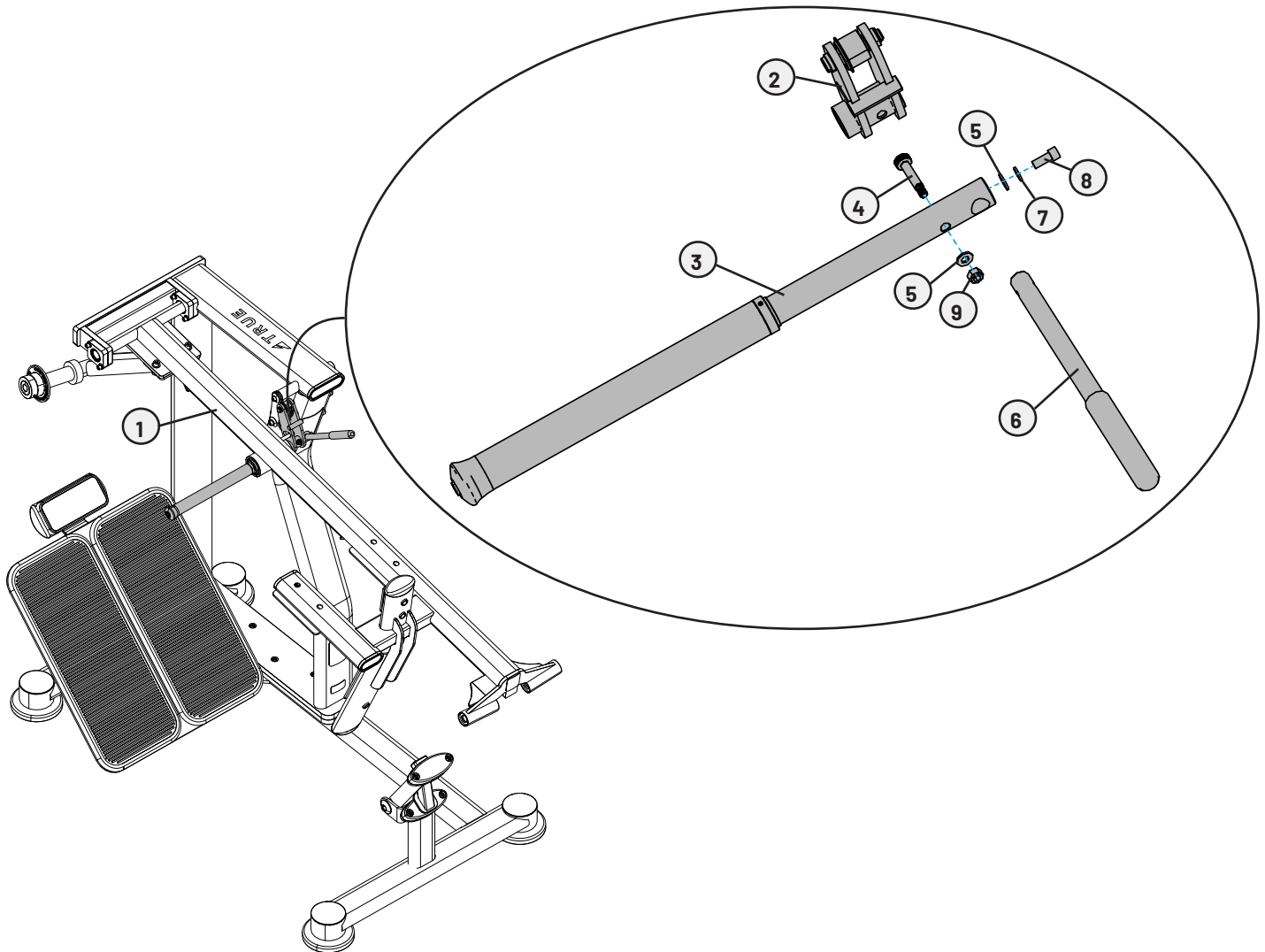


## STEP 5—ATTACH HANDLE BAR AND CATCH ASSEMBLY

Tools Used in this Step	
3/16" and 7/32" Allen Wrench (ball end recommended)	
9/16" Wrench	

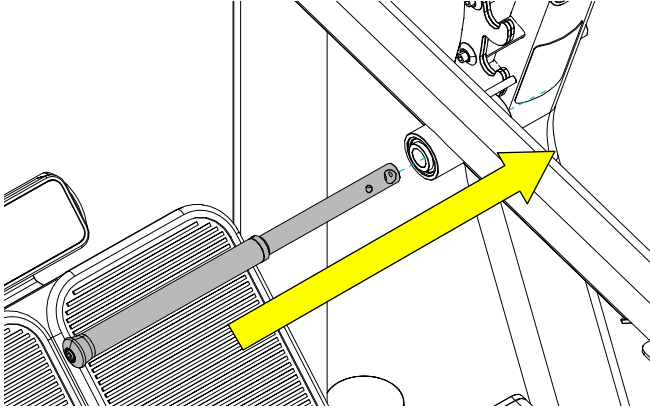
Parts Used in this Step			
ITEM	PART#	DESCRIPTION	QTY
1	PLS-14-ARM000X	ASSEMBLY, LIFTING ARM PLS1400	1
2	PLS-14-CPL000X	ASSEMBLY, CATCH	1
3	PLS-14-HND000X	ASSEMBLY, HANDLE BAR	1
4	C1268	SHOULDER BOLT, 10X35XM8	1
5	C 753A	WASHER, FLAT, 5/16" USS, BLK	2
6	PLS-14-HND010X	ASSEMBLY, CATCH ASSIST	1
7	C 758B	LOCK WASHER, 5/16" SPLIT, BLK	1
8	C 615A	SHCS, 5/16"-18 X 3/4", BLK	1
9	VC90141	LOCK NUT, M8-1.25, 8T, BLK ZP	1

Overview of handle bar parts. See the steps on the following page for how to assemble the handle bar to the lifting arm assembly.

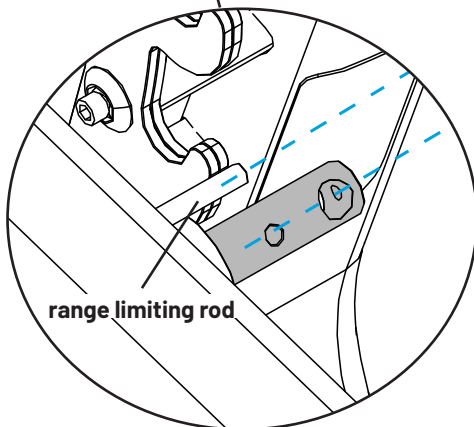
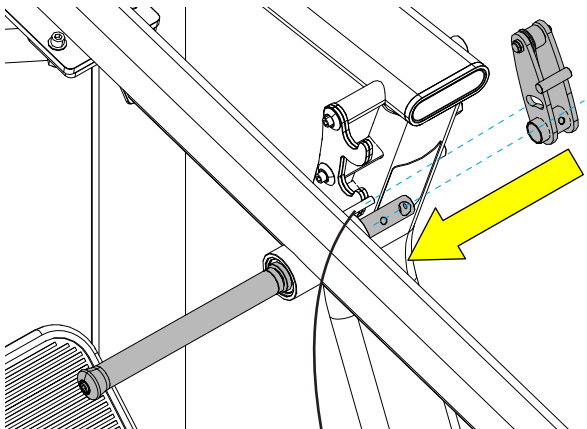


## STEP 5—ATTACH HANDLE BAR AND CATCH ASSEMBLY CONTINUED

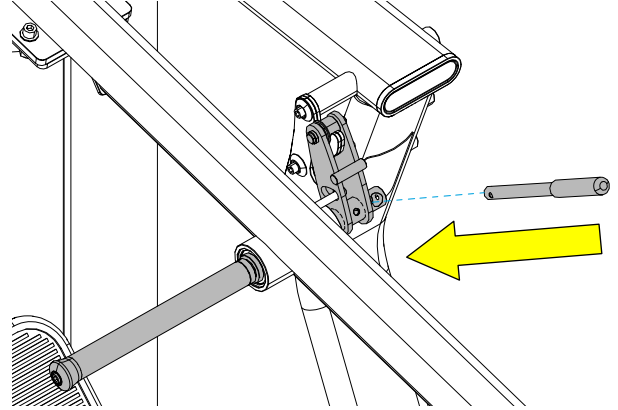
- A. Slide the handle bar assembly into the shaft of the lifting arm assembly.



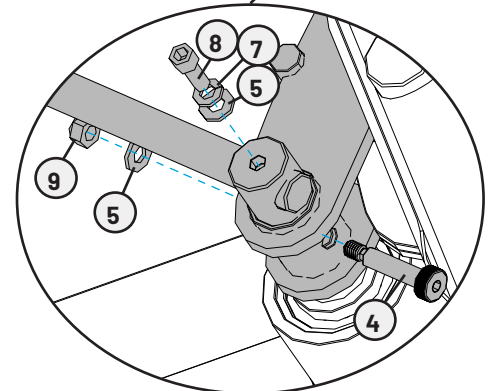
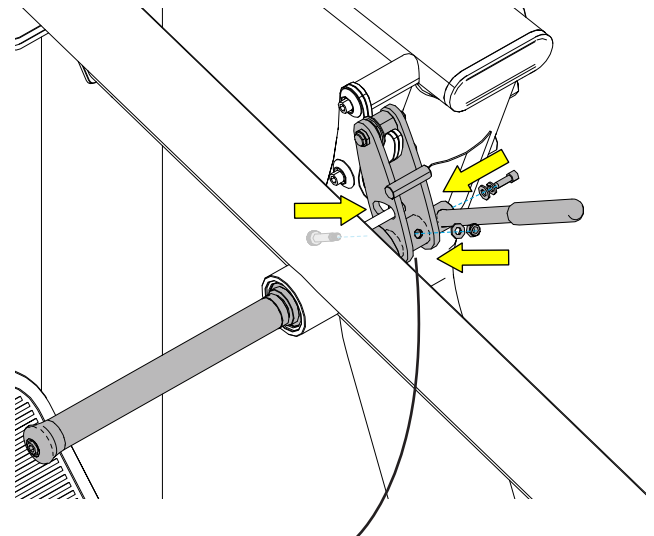
- B. Slide the catch assembly onto the handle bar and align with range limiting rod on the lifting arm assembly.





- C. Slide the catch assist assembly into the hole of the handle bar.



- D. Attach the catch assembly and catch assist assembly to the handle bar using the shoulder bolt, socket head cap screw, lock washer, flat washers, and lock nut.

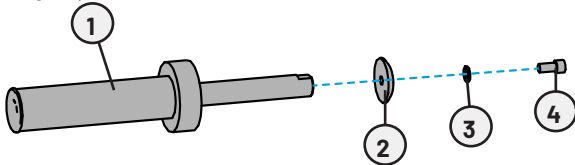


## STEP 6—ATTACH WEIGHT POST ASSEMBLIES

Tools Used in this Step	
5/16" Allen Wrench	
Rubber Mallet	

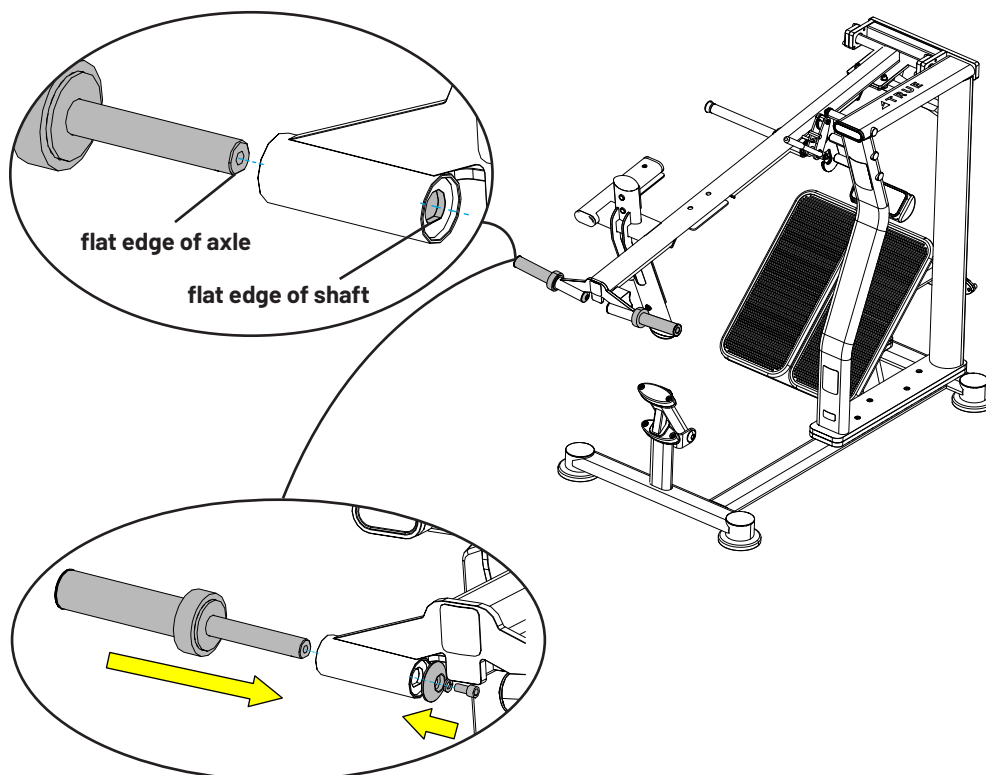
Parts Used in this Step			
ITEM	PART#	DESCRIPTION	QTY
1	PLS-00-PST030X	ASSEMBLY, WEIGHT HORN (ACTIVE)	2
2	PLS-00-CAP005	ARM BOLT CAP	2
3	C 749B	LOCK WASHER, 3/8", BLK ZP	2
4	C 622A	SHCS, 3/8"-16 X 3/4"	2

- A. Using a 5/16" allen wrench, remove and set aside the socket head cap screws, lock washers, and caps from the active weight post assemblies.




- B. Attach the active weight post assemblies to the arm assembly:

- Line up flat edges of the weight post axles with the flat edges of the shafts and using a rubber mallet, lightly tap the weight post axles into the shafts.
- Using a 5/16" allen wrench, attach the socket head cap screws, lock washers, and caps to secure the weight post assemblies to the arm.



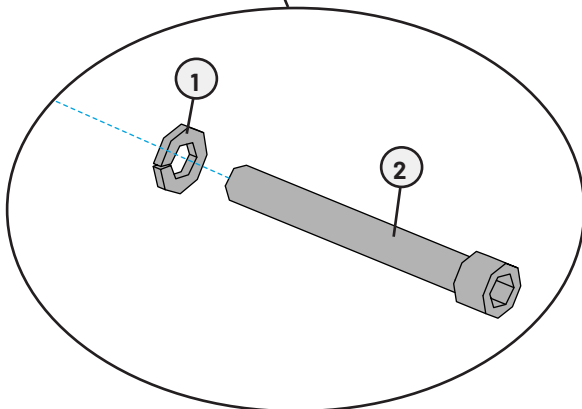
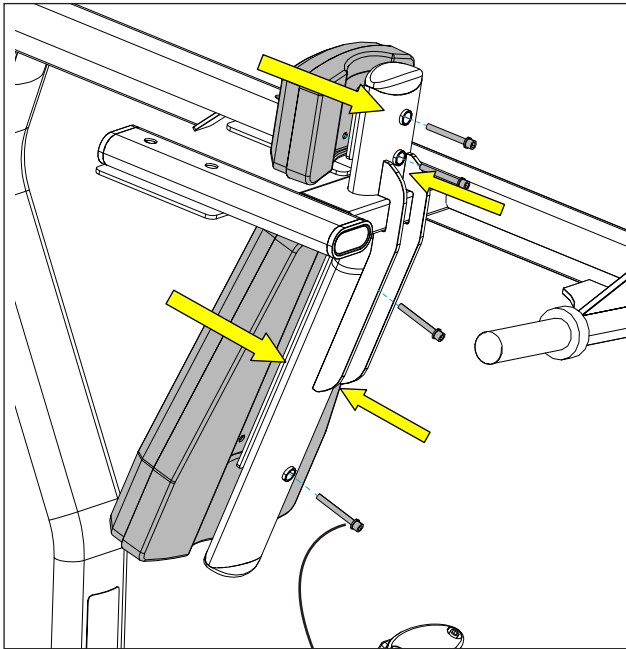
## STEP 7—ATTACH PADS TO LIFTING ARM ASSEMBLY

Tools Used in this Step	
5/16" Allen Wrench	

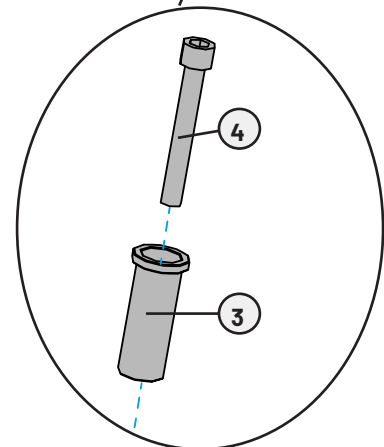
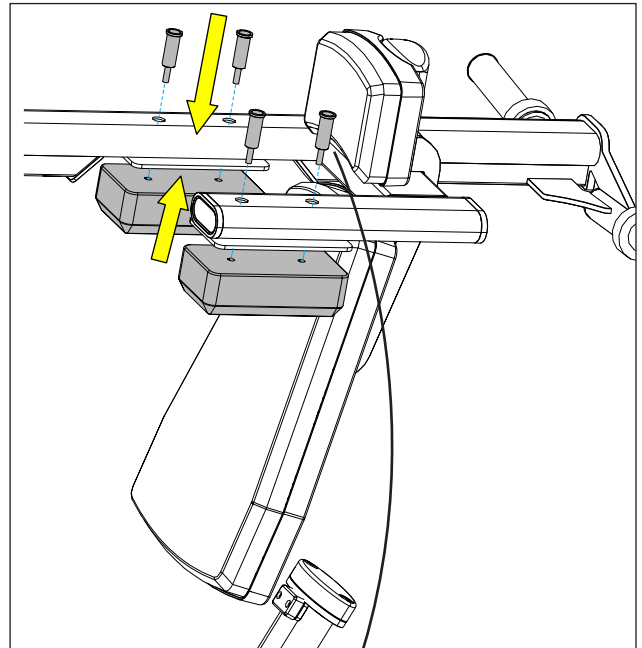
Parts Used in this Step			
ITEM	PART#	DESCRIPTION	QTY
N/A	PLS1400 PAD KIT	PAD KIT PLS	1
PAD KIT HARDWARE			
1	C 749B	LOCK WASHER, 3/8", BLK ZP	4
2	C 631A	SHCS, 3/8"-16 X 3" BLK	4
3	SPL-02-PAR110	SLEEVE, PAD BOLT	4
4	C 629A	SHCS, 3/8"-16 X 2-1/2", BLK	4

A. Using a 5/16" allen wrench, attach the four socket head cap screws and lock washers to secure the head and back pad assemblies to the lifting arm assembly.

**CAUTION:** Avoid damage to the pads. Verify the head and back pad assemblies include both the pads and the plastic trays.

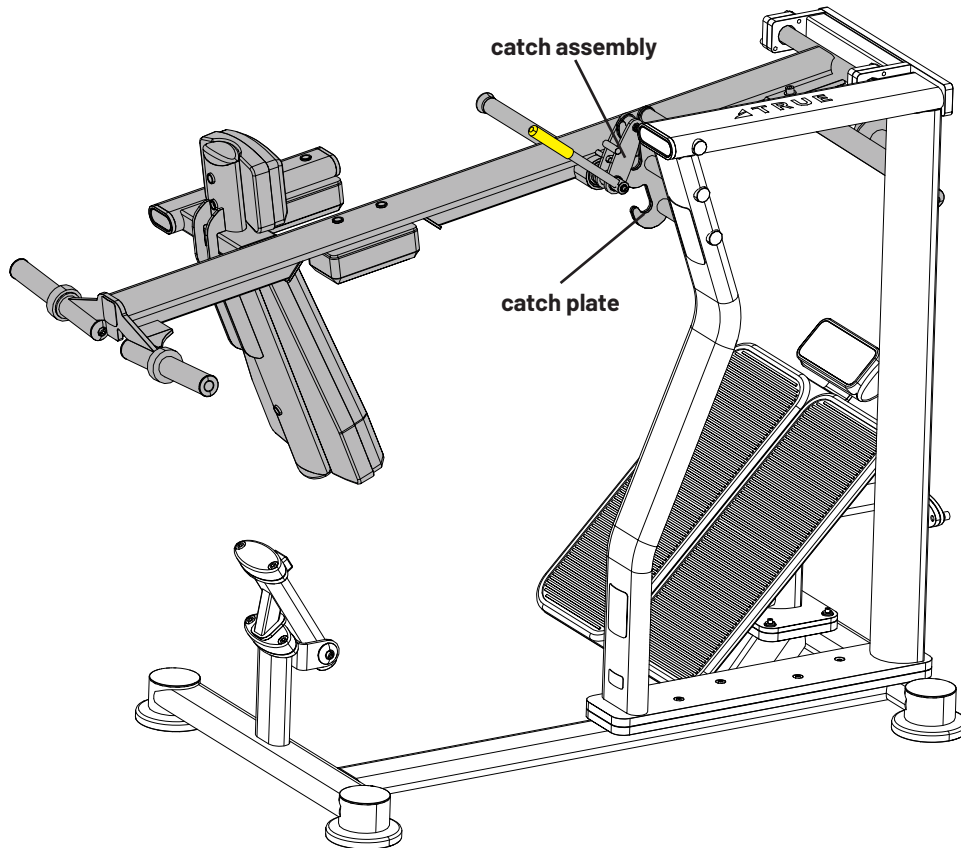


B. Using a 5/16" allen wrench, attach the four socket head cap screws and sleeves to secure the shoulder pads to the lifting arm assembly.



## STEP 8—VERIFY ADJUSTMENTS FUNCTION AS INTENDED

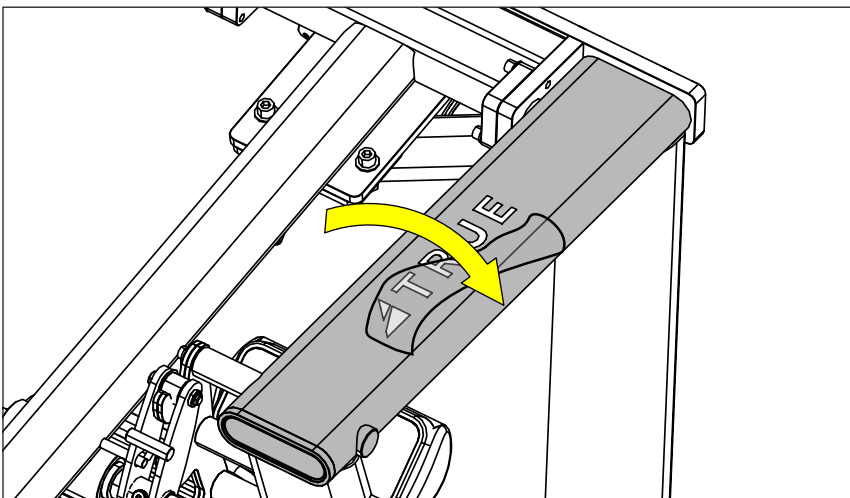
Place the handle bar catch assembly into each notch on the catch plate. Verify the handle bar catch assembly rests securely on the catch plate before and after exercising.



If any of the adjustments are not functioning as intended, contact TRUE product support:

- [service@truefitness.com](mailto:service@truefitness.com)
- 800.883.8783

## STEP 9—REMOVE PROTECTIVE FILM FROM LOGO





## PREVENTATIVE MAINTENANCE

Preventative maintenance is crucial to maintaining the function and safety of this equipment. Your facility must establish written guidelines for preventative maintenance and keep written or online records of the maintenance performed on these products. As a minimum, the items presented in the Safety Instructions section of this document and the items that follow here, should be included in your maintenance program.

**IMPORTANT!** Always purchase replacement parts from TRUE. Many parts are tested and manufactured specifically for TRUE equipment. Use of unapproved parts may cause serious injury and/or void the limited warranty.

## DAILY INSPECTION AND MAINTENANCE

The following items are critical to the safety of users and maintenance staff as well as ensuring the optimum performance of the machines. These inspections should be performed each day before the equipment is subject to use. TRUE is not responsible for performing or scheduling regular maintenance or inspections.

- Inspect for cleanliness. Wipe and dry the upholstery, frame, and chrome. (See cleaning the equipment.)
- Inspect all adjustment pins, weight stack pins, set screws, gas shocks, snap links, and pulleys if equipped.
- Inspect all safety and instructional decals.
- Inspect all weight stack shields if equipped.
- Verify that rubber hand grips are intact and secure.
- Verify that anti-skid foot grips are intact and secure.

## WEEKLY INSPECTION AND MAINTENANCE

The following items are critical to the safety of users and maintenance staff as well as ensuring the optimum performance of the machines. These inspections should be performed each week. TRUE is not responsible for performing or scheduling regular maintenance or inspections.

- Verify that the adjustment pop pins retract easily and fully engage (when released) into each adjustment disc hole/slot. The pop pins are spring loaded so they should return to the engaged position when you release the knob.
- Verify that the adjustment pin disengages and engages freely when actuating the adjustment mechanism. Be sure that the adjustment pin inserts fully into the adjustment disc.
- Verify that all hardware is tight and that associated frame members are secure. Apply a few small drops of a thread locking compound such as Loctite® on any loose bolts.
- Inspect frame for integrity and function. Replace any components at the first sign of wear with only TRUE supplied parts.

## OTHER SCHEDULED PREVENTATIVE MAINTENANCE

TRUE recommends that scheduled maintenance be performed by a qualified service technician. Please contact your dealer or visit [www.truefitness.com](http://www.truefitness.com) to contact a local TRUE authorized service technician.

### Monthly

Clean guide rods and lubricate with a Teflon grease if equipped with guide rods.

### Every 6 Months

Lubricate pivot bearing and linear bearings with lithium grease.

## CLEANING THE EQUIPMENT

### Daily Cleaning

Wipe all machines with a water dampened cloth and dry completely. This includes painted parts, chrome plated parts (except guide rods), plastic parts, and upholstered pads. It is important not to leave parts damp. This will increase the potential for corrosion to occur.

**▲CAUTION:** Certain anti-bacterial cleaners and other harsh cleaning agents can induce corrosion on the machine components. These solutions can also dry out and cause cracking and splitting on the upholstery.

### Heavy Duty Cleaning

- Guide Rods (if equipped)—Clean and lubricate with a Teflon Spray. Be sure to coat the entire guide rod. Spraying lubricant into the cap plate bushings is also recommended.
- Chromed Adjustment Tubes—Wipe away dust and dirt before applying a Teflon spray lubricant. TRUE recommends using Tri-Flow™ or a similar brand.
- Linear Bearings—Clean the linear shaft and lubricate (as required) with Teflon based grease. Keeping linear bearings clean and lubricated is critical to long life and good performance.
- Painted Frames—If you have scuff marks, grease or a heavy dirt buildup on frame components, start with a mild soap solution or a diluted solution of a product such as Simple Green with a dilution of 32:1. If you cannot remove the marks using those methods, use a car polish/cleaner. **DO NOT** use solvents such as lacquer thinner, mineral spirits or acetone. For deeper scuff marks, use an automobile finish rubbing compound.
- Upholstery—For heavy duty cleaning, use a mild soap solution. This method should be sufficient in the majority of instances. In severe stain cases, you can use a solution of 5-10% household bleach diluted with water. Be sure to test an inconspicuous area first. **DO NOT** use chemical cleaners on the vinyl upholstery. You can also use a lanolin based hand cleaner to clean your upholstery. Wipe off after cleaning with a damp cloth and thoroughly dry.
- Plastic Parts—Use a mild soap solution to clean dirt and grease marks.
- Labels—Use a mild soap solution to clean dirt and grease marks.
- Shrouds—Use a mild soap solution to clean dirt and grease marks.

**▲CAUTION:** Do not use any acidic cleaners. Doing so will weaken the paint or powder coatings and may void the TRUE Warranty. Never pour or spray liquids on any part of the equipment. Allow the equipment to dry completely before using.

**▲CAUTION:** If you determine that the equipment needs service, make sure that the equipment cannot be used inadvertently and ensure other users know that the machine needs service.

To order parts or to contact a TRUE authorized service representative, please visit [www.truefitness.com](http://www.truefitness.com).



## WARRANTY INFORMATION

**ATTENTION OWNER'S:** To ensure you get the most out of your purchase and receive the full benefits of our warranty, you must register your product within 45 days of purchaser's receipt of this product.

### COMMERCIAL WARRANTY

<b>CARDIO</b>				
WARRANTY ITEM	VAPOR, APEX	GRAVITY PLUS	GRAVITY	ADX, RO, SURGE
Frame*	10 Years (with registration)	10 Years (with registration)	10 Years (with registration)	5 Years (with registration)
Parts	3 Years	3 Years	3 Years	3 Years
Consoles	3 Years	3 Years	3 Years	2 Years
Labor**	2 Years (with registration)	2 Years (with registration)	1 Year (with registration)	1 Year (with registration)
Wear Items***	180 Days	180 Days	180 Days	90 Days

<b>STRENGTH</b>	
WARRANTY ITEM	PALLADIUM, FUSE XL, FORCE, FITNESS LINE, ATLAS, XFT, XFW, MP, SM, FT, FS
Frame*	10 Years (with registration)
Parts	5 Years
Cables and Linear Bearings	1 Year
Labor**	1 Year (with registration)
Wear Items***	90 Days (6 Months for FORCE only)

<b>FLEXIBILITY</b>	
WARRANTY ITEM	STRETCH
Parts	1 Year
Wear Items***	90 Days

**Warranty does not cover damage or equipment failure resulting from or caused by improper assembly/installation, accident, misuse, abuse, unauthorized modification, or failure to provide reasonable and necessary maintenance.**

\*Frame is the serialized base of the unit and does not include paint or coatings. Frame warranty will equal that of parts warranty unless, within 45 days of purchaser's receipt of this Product (A) the warranty is registered on-line or (B) if the form provided with equipment is filled in, signed by the original purchaser, and mailed to TRUE.

\*\*Labor warranty is available for equipment located within United States. TRUE Fitness equipment is automatically covered under a 6-month Limited Labor Warranty. This 6-month Limited Labor Warranty begins from the date of purchase shown by a valid receipt. If a valid receipt is not available, the 6-month Limited Labor Warranty period begins from the date of manufacture on the originally purchased equipment.

\*\*\*Wear Items include: batteries, covers, caps, badges, paint, pedal straps, toe clips, elliptical pedal inserts, foot pads, Coax/TV, HDMI, USB, mirroring or Ethernet connections, and safety key.

See *Warranty Details for product registration requirements, terms, conditions, and complete coverage details.*

**ATTENTION OWNER'S:** To ensure you get the most out of your purchase and receive the full benefits of our warranty, you must register your product within 45 days of purchaser's receipt of this product.

## WARRANTY DETAILS

All TRUE Fitness products are distributed by TRUE and are warranted to the original product purchaser and the parts of the TRUE product (the "Product") listed below. During the applicable Warranty Period, the Product, under normal use and service, shall be free of manufacturing defects in workmanship and materials.

### NOTE:

- Standard shipping is included with warranty part replacement.
- Shipping for warranty frame or replacement is included for the period of three years from the original date of purchase.

### All Warranty Items are "LIMITED"

- This limited warranty does not cover damage or equipment failure resulting from or caused by improper assembly/ installation, failure to follow instructions and warnings in owner's manual, accident, misuse, abuse, unauthorized modification, failure to provide reasonable and necessary maintenance, software version upgrades, compatibility with third party/aftermarket hardware, software, applications, or websites.
- TRUE's liability shall under no circumstances exceed the actual amount paid by you for the product, nor shall TRUE under any circumstances be liable for any consequential, incidental, special or punitive damages or losses, whether direct or indirect.
- Some states or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
- TRUE will neither assume nor authorize any person to assure for us any other obligation or liability concerning the sale of this Product. Under no circumstances shall TRUE be liable under this warranty, or otherwise, of any damage to any person or property, including any lost profits or lost savings, for any special, indirect, secondary, incidental, or consequential damages arising out of the use of or inability to use this Product.
- This limited warranty, which is given expressly and in lieu of all other express warranties, constitutes the only warranty made by TRUE.
- The remedies described herein are your sole and exclusive remedies and TRUE's entire liability for any breach of this limited warranty.
- No one is authorized to change, modify, or extend the terms of this limited warranty.
- This limited warranty is in lieu of all other warranties of any kind either expressed or including but not limited to implied warranties of merchant.
- This limited warranty applies to the product only while the product remains in the possession of the original purchaser and is not transferable.
- This limited warranty becomes VALID ONLY if the Product is initially assembled/installed by a TRUE authorized dealer/ technician (if anyone other than a TRUE authorized dealer/technician initially assembles and installs the Product, this limited warranty will be void unless the written authorization of TRUE is first obtained).
- The "Warranty Period" for this limited warranty shall be for the duration forth in the applicable charts, beginning from the date of original purchase; provided, however, except to the extent prohibited by applicable law, the "Warranty Period" shall only be six months for labor (from the date of original purchase) unless, within 45 days of purchaser's receipt of this Product (A) the warranty is registered on-line or (B) if the form provided with equipment is filled in, signed by the original purchaser, and mailed to TRUE.
- All serial numbers must be intact on the Product for this limited warranty to be valid.
- Installation or download of any 3rd party or after-market products will result in voided warranty. This includes, but is not limited to, electrical and mechanical parts, software, or applications.
- TRUE will ship to an authorized service provider any new or rebuilt replacement part or component, or at our option, replace or refund the Product.
- Replacement parts are warranted for the remaining portion of the original warranty period.
- Proof/receipts of necessary maintenance may be required within 30 days of requested warranty part or service.
- This limited warranty does not apply to the performance of the heart rate accuracy will not be warranted as performance varies, based on user's physiology, age, method of use, and other external factors.

**ATTENTION OWNER'S:** To ensure you get the most out of your purchase and receive the full benefits of our warranty, you must register your product within 45 days of purchaser's receipt of this product.

## WARRANTY REGISTRATION

Thank you for purchasing a TRUE product!

To ensure you get the most out of your purchase and receive the full benefits of our warranty, **you must register your product within 45 days of purchaser's receipt of this product.**

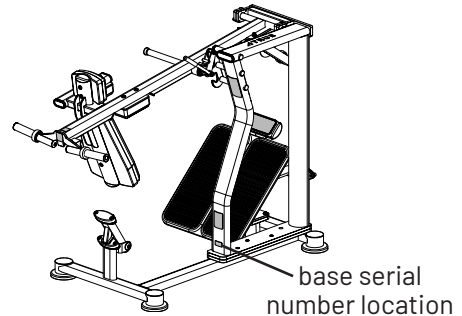
How to register your product:

- **Online:**  
Simply visit our website at [truefitness.com](http://truefitness.com) and register your product warranty in one simple step.
- **QR Code:**  
Scan the QR code below with your smartphone to be taken directly to the registration page.



- **By Mail:**  
Complete the information below and mail to:  
TRUE Product Support  
1 GLAZER WAY  
ST. CHARLES, MO 63301

PLEASE RETAIN THIS PORTION FOR YOUR RECORDS  
BASE SERIAL NUMBER:



### Warranty Registration

Base Serial Number

Purchase Date

Company (if applicable)

Customer Name (First and Last)

Email Address

Phone Number

Street Address

City

State

Postal Code

Country





CONTACT US  
service@truefitness.com  
1.800.883.8783

1 GLAZER WAY  
ST. CHARLES, MO 63301

TRUEFITNESS.COM

