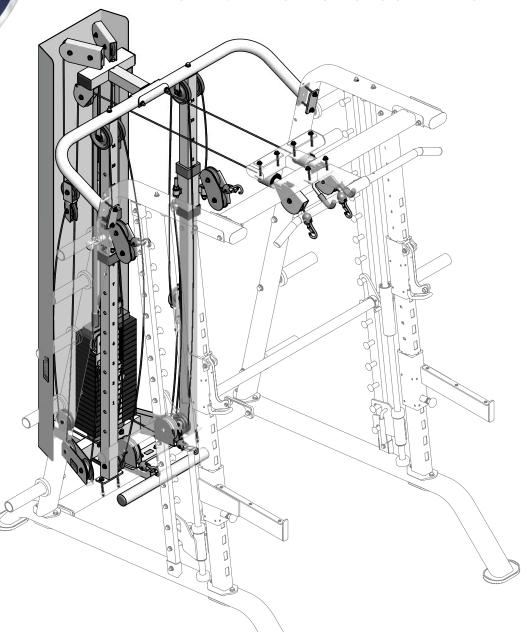
TUFFSTUFF FITNESS INTERNATIONAL

OWNER'S MANUAL

Maintenance & Assembly Instructions

IMPORTANT: KEEP THIS MANUAL FOR FUTURE REFERENCE



NOTICE

It is the Purchaser's/Owner's obligation:

- 1. To disclose and post all Rules & Regulations, Danger, Warning and Caution labels affixed on the machine to their customers/users.
- 2. Equipment to be installed by TFI Authorized Dealer or a service company approved by TFI.
- 3. Provide trained personnel, supervision and correct usage of the equipment.
- 4. Provide scheduled inspection, maintenance & repairs and must be performed by TFI Authorized Dealer or a service company approved by TFI.
- 5. Must use only genuine TuffStuff replacement parts.

CHL-610WS
High/Low Pulley w/200 Lbs
Weight Stack for CSM-600

CHL-610WS_Rev0 Revision Date 03-26-2014

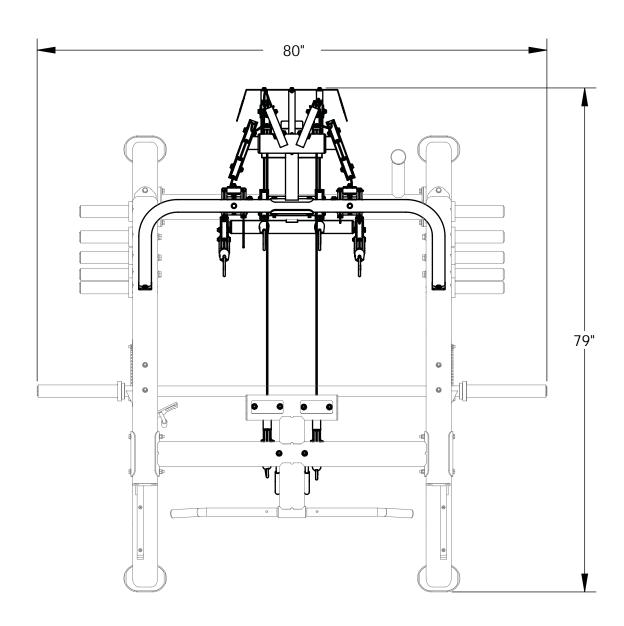
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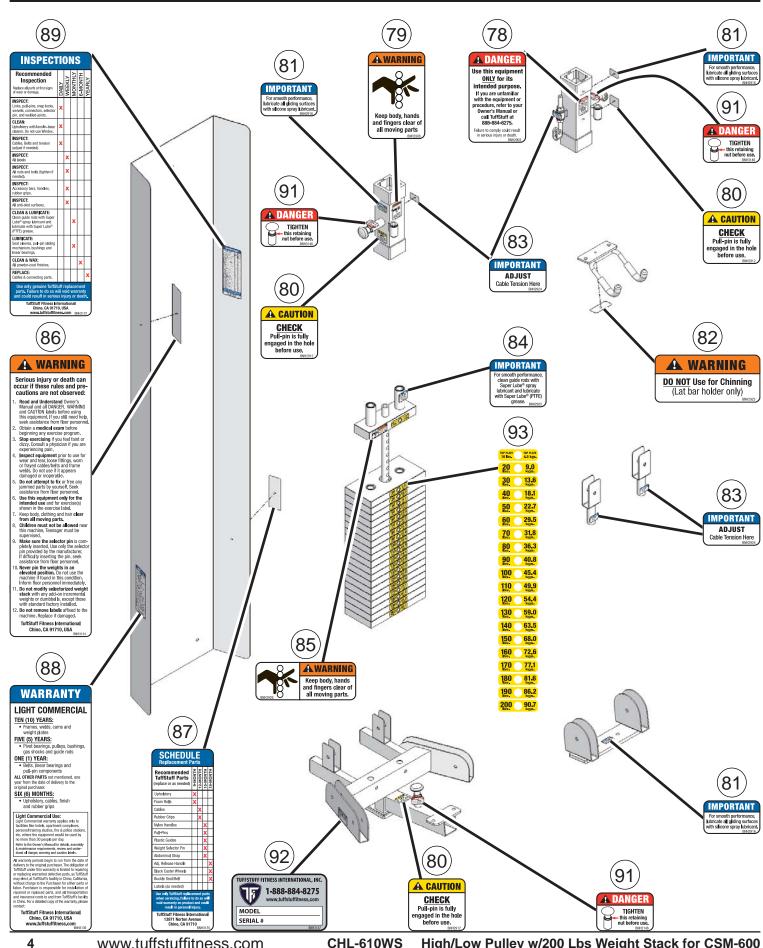
TuffStuff Fitness International, Inc. continually engages in research related to product improvements. Please take the time to carefully read through this owner's manual thoroughly. Instructions contained in this owner's manual are not intended to cover all details or variations possible with equipment, or to cover every contingency that may be met in conjunction with assembly, installation, operation, maintenance or troubleshooting of the equipment. Even though we have prepared this owner's manual with extreme care, neither the manufacturer nor the author can accept responsibility for any errors in, or omission from, the information given. Should additional information be required, or should situations arise that are not covered by this owner's manual, the matter should be directed to Customer Service at TuffStuff Fitness International, Inc. in Chino, California.





CHL-610WS Attached to CSM-600 L 79" X W 80" X H 84" CHL-610WS WEIGHT: 435 lbs. MAX-LOAD WEIGHT LIMIT 200 lbs.

Carefully read ALL Danger, Warning & Caution labels posted on the machine



Carefully read ALL Danger, Warning & Caution labels posted on the machine



▲ DANGER

Use this equipment ONLY for its intended purpose.

If you are unfamiliar with the equipment or procedure, refer to your Owner's Manual or call TuffStuff at 888-884-8275.

Failure to comply could result in serious injury or death.



A WARNING

DO NOT Use for Chinning (Lat bar holder only)

RNH2923

85)







WARNING

Serious injury or death can occur if these rules and precautions are not observed:

- Read and Understand Owner's Manual and all DANGER, WARNING and CAUTION labels before using this equipment. If you still need help, seek assistance from floor personnel.
- 2. Obtain a **medical exam** before beginning any exercise program.
- Stop exercising if you feel faint or dizzy. Consult a physician if you are experiencing pain.
- Inspect equipment prior to use for wear and tear, loose fittings, worn or frayed cables/belts and frame welds. Do not use if it appears damaged or inoperable.
- Do not attempt to fix or free any jammed parts by yourself. Seek assistance from floor personnel.
- Use this equipment only for the intended use and for exercise(s) shown in the exercise label.
- 7. Keep body, clothing and hair clear from all moving parts.
- Children must not be allowed near this machine. Teenager must be supervised.
- Make sure the selector pin is completely inserted. Use only the selector pin provided by the manufacturer. If difficulty inserting the pin, seek assistance from floor personnel.
- Never pin the weights in an elevated position. Do not use the machine if found in this condition. Inform floor personnel immediately.
- 11. Do not modify selectorized weight stack with any add-on incremental weights or dumbbells, except those with standard factory installed.
- 12. **Do not remove labels** affixed to the machine. Replace if damaged.

TuffStuff Fitness International Chino, CA 91710, USA

BNH31





IMPORTANT

For smooth performance, lubricate all gliding surfaces with silicone spray lubricant.



IMPORTANT

ADJUST

Cable Tension Here



IMPORTANT

For smooth performance, clean guide rods with Super Lube® spray lubricant and lubricate with Super Lube® (PTFE) grease. RNH2925



Pull-pin is fully engaged in the hole before use.

BNH2912



Carefully read ALL Danger, Warning & Caution labels posted on the machine

93	3
TOP PLATE 10 lbs.	TOP PLATE 4.5 kgs.
20 lbs.	9.0 kgs.
30 lbs.	13.6 kgs.
40 lbs.	18.1 kgs.
50 lbs.	22.7 kgs.
60 lbs.	29.5 kgs.
70 lbs.	31.8 kgs.
80 lbs.	36.3 kgs.
90 lbs.	40.8 kgs.
100 lbs.	45.4 kgs.
110 lbs.	49.9 kgs.
120 lbs.	54.4 kgs.
130 lbs.	59.0 kgs.
140 lbs.	63.5 kgs.
150 lbs.	68.0 kgs.
160 lbs.	72.6 kgs.
170 lbs.	77.1 kgs.
180 lbs.	81.6 kgs.
190 lbs.	86.2 kgs.
200 lbs.	90.7 kgs.

Recommended TuffStuff Parts (replace or as needed)	9-MONTH	12-MONTH	15-MONTH	18-MONTH			
Upholstery	X	Г		Г			
Foam Rolls	X	Г					
Cables		X					
Rubber Grips		X					
Nylon Handles			X				
Pull-Pins			X	Г			
Plastic Guides	П	Г	X	Г			
Weight Selector Pin			X				
Abdominal Strap			X	Г			
Adj. Release Handle	П	Г		X			
Black Caster Wheels	Г	Г		X			
Buckle Seat/Belt	П	Г		X			
Labels (as needed)				Г			
Use only TuffStuff replacement parts when servicing, Failure to do so will void warranty on product and could result in personal injury.							

90)

BE ALERT!

THE FITNESS EQUIPMENT IN THIS FACILITY PRESENTS HAZARDS WHICH, IF NOT AVOIDED, COULD CAUSE SERIOUS INJURY OR DEATH.

Prior to using the equipment, READ the warning labels and instruction placards affixed to each machine.

If you are unsure on how to use a machine, seek the assistance of our floor personnel. We will be happy to instruct you on how to use the equipment properly.

Immediately report any piece of equipment that is not functioning properly to our floor personnel so that it may be evaluated and service promptly.

DO NOT ATTEMPT to use or fix any piece of equipment that is not functioning properly.

ASTM F1749-9

TUFFSTUFF FITNESS INTERNATIONAL, CHINO, CA 91710

(88)

WARRANTY

LIGHT COMMERCIAL

TEN (10) YEARS:

Frames, welds, cams and weight plates

FIVE (5) YEARS:

 Pivot bearings, pulleys, bushings, gas shocks and guide rods

ONE (1) YEAR:

Belts, linear bearings and pull-pin components

ALL OTHER PARTS not mentioned, one year from the date of delivery to the original purchaser.

SIX (6) MONTHS:

 Upholstery, cables, finish and rubber grips

Light Commercial Use:

Light Commercial warranty applies only to facilities like hotels, apartment complexes, personal training studios, fire & police stations, etc. where the equipment would be used by no more than 30 people per day.

Refer to the Owner's Manual for details, assembly & maintenance requirements, review and understand all danger, warning and caution labels.

All warranty periods begin to run from the date of delivery to the original purchaser. The obligation of TuffStuff under this warranty is limited to repairing or replacing warranted defective parts, as TuffStuff may elect, at TuffStuff's facility in Chino, California, without charge to the Purchaser for either parts or labor. Purchaser is responsible for installation of repaired or replaced parts, and all transportation and insurance costs to and from TuffStuff's facility in Chino. For a detailed copy of the warranty, please contact:

TuffStuff Fitness International Chino, CA 91710, USA www.tuffstuffitness.com 89)

INSPECT		IJĹ	VI:	5	
Recommended Inspection Replace all parts at first signs of wear or damage.	DAILY	WEEKLY	MONTHLY	6-MONTH	YEARLY
INSPECT: Links, pull-pins, snap locks, swivels, connectors, selector pin, and welded-joints.	x				
CLEAN: Upholstery with lanolin-base cleaner. Do not use Windex.	x				
INSPECT: Cables, Belts and tension (adjust if needed).	X				
INSPECT: All labels		x			
INSPECT: All nuts and bolts (tighten if needed).		X			
INSPECT: Accessory bars, handles, rubber grips.		X			
INSPECT: All anti-skid surfaces.		X			
CLEAN & LUBRICATE: Clean guide rods with Super Lube® spray lubricant and lubricate with Super Lube® (PTFE) grease.			x		
LUBRICATE: Seat sleeves, pull-pin sliding mechanism, bushings and linear bearings.			x		
CLEAN & WAX: All powder-coat finishes.				x	
REPLACE: Cables & connecting parts.					Х
Use only genuine TuffSt	uff	repl	ace	men	t

Use only genuine TuffStuff replacement parts. Failure to do so will void warranty and could result in serious injury or death.

TuffStuff Fitness International Chino, CA 91710, USA www.tuffstuffitness.com

It is extremely important that the **BE ALERT!** (90) Sign shown to the left be installed in plain view of the unit.

You should have received it along with this Owners Manual. If you did not receive this Sign with your order, you can obtain one at no cost to you from TuffStuff Fitness by contacting our service department at:

1 (888) 884-8275 service@tuffstuff.net service1@tuffstuff.net

Important Safety Instructions

It is the responsibility of the facility owner and/or owner of the equipment to review the Owner's Manual with their facility personnel and understand all Danger, Warning and Caution labels affixed on the machine. It is the responsibility of the floor personnel to instruct users on proper operation of the equipment and review all danger, warning and caution labels.



WARNING SERIOUS INJURY OR DEATH CAN OCCUR IF THESE SAFETY PRECAUTIONS ARE NOT OBSERVED:

- 1. Obtain a medical exam before beginning any exercise program.
- Read and understand Owner's Manual and all Danger, Warning and Caution labels before using this equipment. If you still need help, seek assistance from floor personnel.
- Inspect the equipment before each use for wear and tear, loose fittings, worn or frayed cables and frame welds. DO NOT USE if it appears to be inoperable or damaged.
- 4. Stop exercising if you feel faint or dizzy. Consult a physician if you are experiencing pain.
- 5. Use this equipment only for the intended use.
- 6. Keep body, clothing and hair clear from all moving parts. Do not attempt to free any jammed parts by yourself.
- 7. Always warm-up before and cool-down after weight training. Warm-up for 10-15 minutes with stretching and cardiovascular exercises. Cool-down should include light stretching exercises for 5-15 minutes.
- Never hold your breath will limit the flow of oxygen to your brain and may cause dizziness. The most often used breathing pattern is inhaling during least resistance and exhaling during maximum resistance.
- 9. Do not use accessories or accessory attachments that are not recommended by TFI.
- 10. Make sure selector pin is completely inserted. Use only the selector pin provided by the manufacturer.
- 11. Never pin the weights in an elevated position. Do not use the machine if found in this condition.

- 6. Perform regular maintenance (see Inspection Label). Pay special attention to areas most susceptible to wear and tear, including but not limited to cables, pulleys and rubber grips.
- 7. **Do not** lean against or pull on the framework, weight stack or any component at all times.
- 8. **Children must not** be allowed near the equipment. Teenager must be supervised.
- 9. Replace immediately all parts at first sign of wear or damage. If unable to replace worn or damaged components/parts, remove machine from service until the repair is made.
- 10. Use only genuine TuffStuff replacement parts. Failure to do so will void warranty and could result in serious injury or death to the users.
- 11. **Do not remove** any decals affixed to the machine. Replace if damaged.
- 12. **Do not alter or modify** the original manufacturer's weight stack with any add-on incremental weights, weight plates or dumbbells except those with standard factory installed option.
- 13. Maintain a service contract with a TFI Authorized Dealer or a Professional Service Company approved by TFI. Keep a service log of all maintenance and repair activities. NOTICE: It is the sole responsibility of the owner or facility operator to ensure that regular maintenance is performed.

Facility Safety Guidelines and Practices

- 1. Read and understand the Owner's Manual before assembling, servicing or using the equipment.
- 2. Equipment to be installed by TFI Authorized Dealer or Professional Service Company approved by TFI.
- 3. Make sure each machine is set up and operated on a solid level surface. Do not install equipment on an uneven surface.
- 4. Provide an adequate safety perimeter between the machine, walls and other equipment to ensure that the facility has proper clearance for usage and training.
- 5. Post and disclose all safety, rules and regulations on a bulletin board easily accessible to users.

A DANGER

DANGER: indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING: indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury.



CAUTION: indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

Registration, Service & Assembly

Thank you for purchasing the CHL-610WS High/Low Pulley w/200 Lbs Weight Stack for CSM-600. This machine is part of the TuffStuff line of quality strength training equipment. To maximize your use of the equipment, please study the Owner's Manual thoroughly.

Registration

To avoid unnecessary delays on warranty parts and to insure that a permanent record of your purchase is on file with our company, be sure to register online at:

http://www.tuffstuffitness.com or mail to address shown below within 10 days of purchase.

Obtaining Service

Please use this Owner's Manual as your guide to all parts included in your shipment. When ordering parts, you must specify the part number and description from this manual. **Use only genuine TuffStuff replacement parts when servicing the equipment.** Failure to do so will void warranty and could result in serious injury or death.

For information about product operation or service:

Phone: 909-629-1600 Toll Free 888-884-8275

Fax: 909-629-4967

E-mail: service@tuffstuff.net or service1@tuffstuff.net

Hours: M-F 8:00 - 4:30 PST

Or write to: TuffStuff Fitness International, Inc.

Customer Service

13971 Norton Avenue, Chino, CA 91710

Retain this Owner's Manual for future reference when ordering service or parts. To assist you better, please be prepared to provide the following information:

Model Number
 Place of Purchase
 Serial Number
 Part # and Description

Required Tools

The basic tools that you will need to assemble the CHL-610WS but are not limited to:

- 7/16", 9/16", 3/4" Combination Wrenches
- Ratchet Wrench with 7/16", 9/16", 3/4" sockets
- · Crescent Adjustable Wrench
- External retaining ring pliers
- Rubber mallet, measuring tape & utility knife
- Super Lube® spray lubricant and grease
- Windex or household glass cleaner

Assembly Requirements

Follow these installation requirements when assembling the CHL-610WS. Use the overhead view on the Content Page to layout your floor plan before assembling.

Set up the CHL-610WS on a clean, solid, flat surface. A smooth, flat surface under the machine helps keep it level.

Allow ample space around the machine for safe unrestricted use and easier access.

Insert all bolts in the same direction. For aesthetic appearance, insert all bolts in the same direction unless specified (in text or illustration) to do otherwise.

Leave room for adjustments. Do not fully tighten fasteners until instructed in the assembly steps to do so (to prevent any difficulty with alignment of parts during the assembly process). When not instructed, tighten fasteners such as bolts, nuts and screws so the unit is stable, but leave room for adjustments.

Assembly Tips

Read all "Notes" on each page before beginning each step.

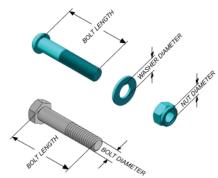
While you may be able to assemble the CHL-610WS using the illustrations only, IMPORTANT safety notes and other tips are included in the text.

Some pieces may have extra holes that you will not use. Use only those holes indicated in the instructions and illustration.

NOTE: With so many assembled parts, proper alignment and adjustment is critical. While tightening the nuts and bolts, be sure to leave room for final adjustments.

CAUTION: Obtain assistance from TuffStuff if you have difficulty assembling the CHL-610WS. Please do not attempt to complete the assembly as this could result in equipment failure and serious injuries to the users.

Symbols & Description



Loosely Tighten Loosely Tighten

70%

Loosely tighten all hardware in this step. DO NOT Fully Tighten. Some component(s) may need pre-assembly and or alignment during the assembly process.

Fully Tighten 100%

CHL-610WS

Fully Tighten

Wrench tighten all hardware in this step.

Inspection/Maintenance

Perform regular maintenance (see Inspection Label). Pay special attention to areas most susceptible to wear and tear, including but not limited to cables, pulleys and rubber grip. TFI recommends you maintain a service contract with a TFI Authorized Dealer or a Professional Service Company approved by TFI. Keep a service log of all maintenance and repair activities. Extra copies can be downloaded from our website www.tuffstuffitness.com

INSPECT		DL	N.	S		INSP	ECTION / MAIN	TENANCE RECO	ORDS
Recommended Inspection		չ	Ì	Ŧ	>.	DATE	REPLACEMENT	REPAIRS	INSPECTED BY
Replace all parts at first signs of wear or damage.	DAILY	WEEK	MONTHLY	6-MONTH	YEARLY				
INSPECT: Links, pull-pins, snap locks, swivels, connectors, selector pin, and welded-joints.	x								
CLEAN: Upholstery with lanolin-base cleaner. Do not use Windex.	x								
INSPECT: Cables, Belts and tension (adjust if needed).	x								
INSPECT: All labels		X							
INSPECT: All nuts and bolts (tighten if needed).		x							
INSPECT: Accessory bars, handles, rubber grips.		x							
INSPECT: All anti-skid surfaces.		X							
CLEAN & LUBRICATE: Clean guide rods with Super Lube® spray lubricant and lubricate with Super Lube® (PTFE) grease.			x						
LUBRICATE: Seat sleeves, pull-pin sliding mechanism, bushings and linear bearings.			x						
CLEAN & WAX: All powder-coat finishes.			T	X			WARRANT	Y REPAIRS	
REPLACE: Cables & connecting parts.					x	DATE	REPLACEMENT	REPAIRS	INSPECTED BY
Use only genuine TuffSi parts. Failure to do so w and could result in seriou	vill v us ir	oid ijur	wa y or	rran	ty				
TuffStuff Fitness In Chino, CA 9171 www.tuffstuffitn	10, U	SA		NH31	37				

Cable Inspection

WARNING:

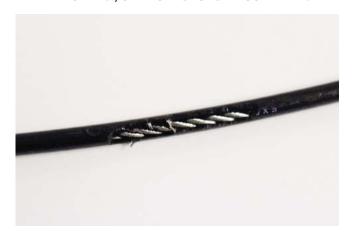
THE FOLLOWING CONDITIONS MAY INDICATE A WORN CABLE. REPLACE IMMEDIATELY.



"NECKING", STRECHED CABLE COVERING



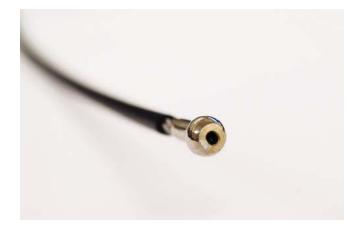
A CRACK IN THE CABLE COVER



A TEAR IN THE CABLE COVER



A BREAK ON THE CABLE



CABLE END SLIPPING OUT

IMPORTANT NOTE:

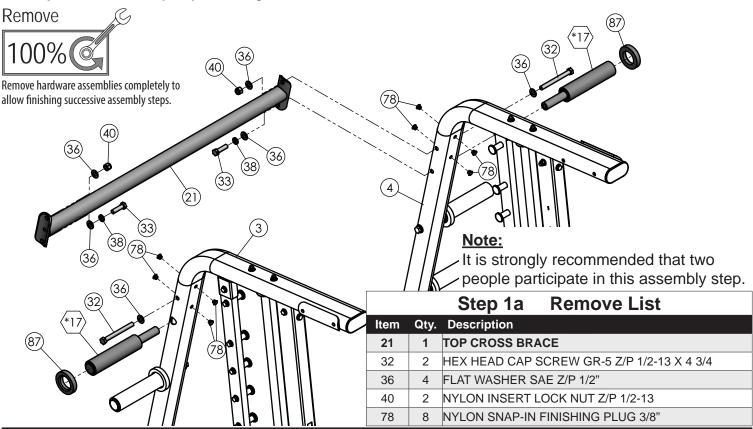
DAMAGED OR WORNED CABLE (AS SHOWN ABOVE) MAY DAMAGE THE PULLEY(S). YOU MUST INSPECT THE PULLEYS AT THIS TIME FOR WEAR AND TEAR. REPLACE IF NEEDED.

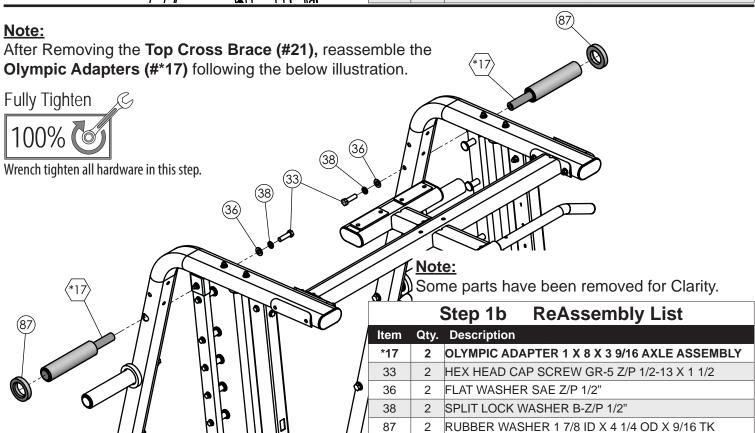
Step 1 (Remove CSM-600 Top Cross Brace)

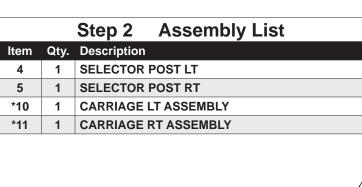
V

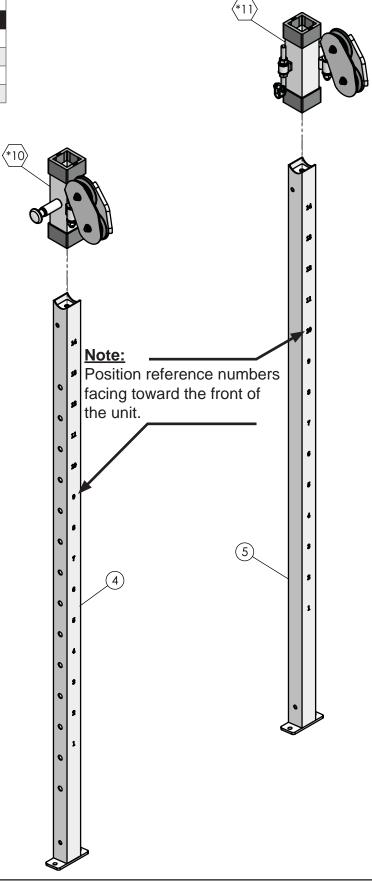
Note:

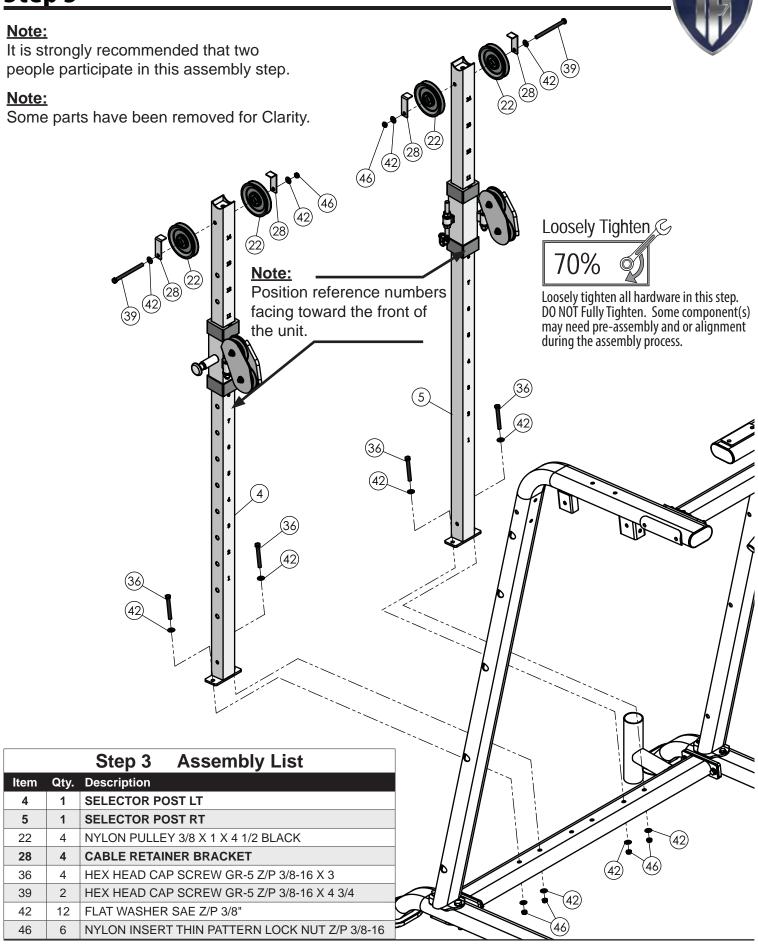
Before attaching the **CHL-610WS** to the **CSM-600**, please remove the **Top Cross Brace (#21)** following the below illustration.

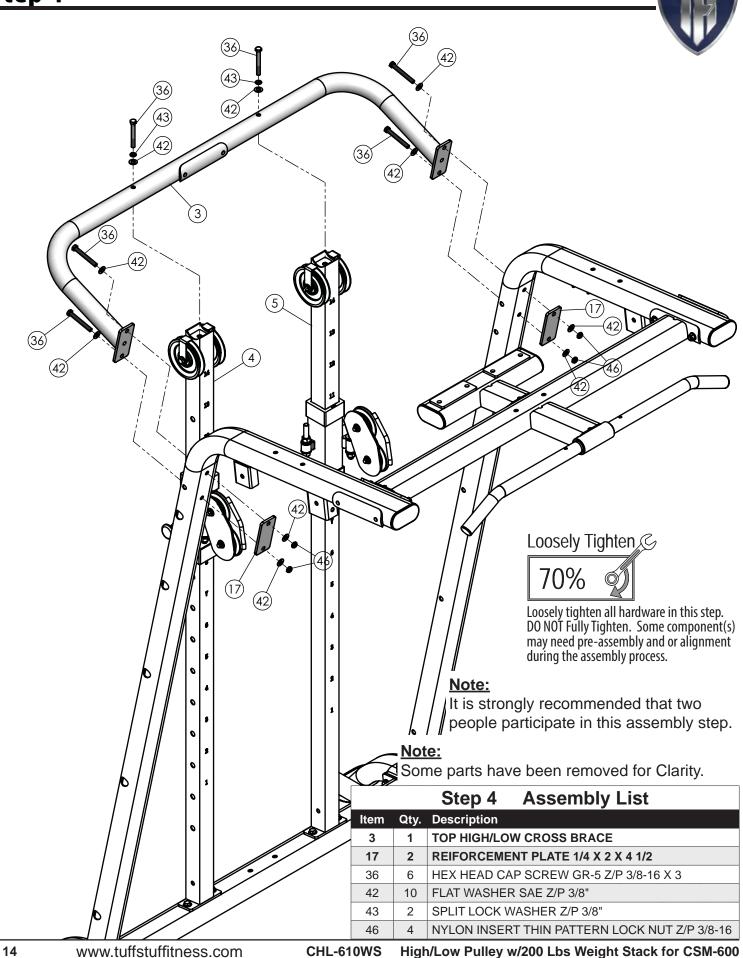


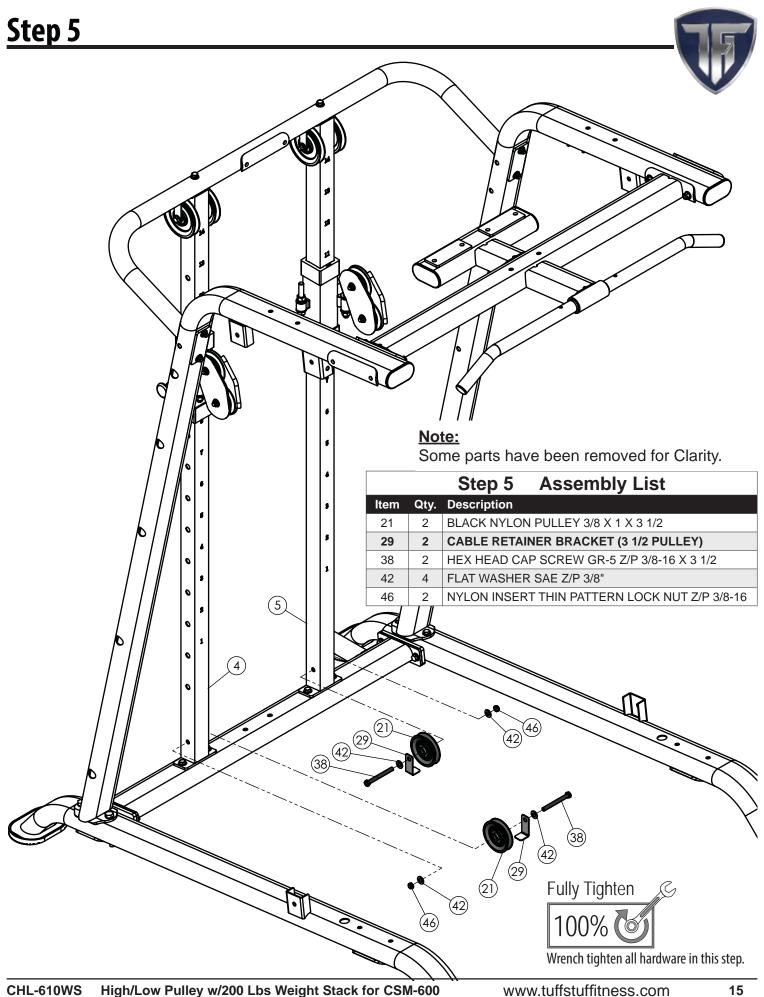






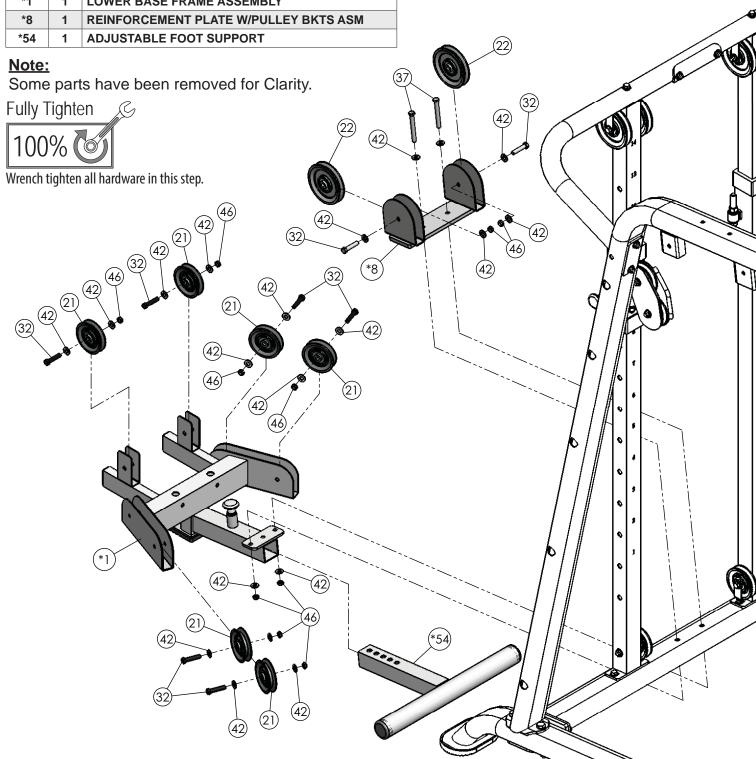


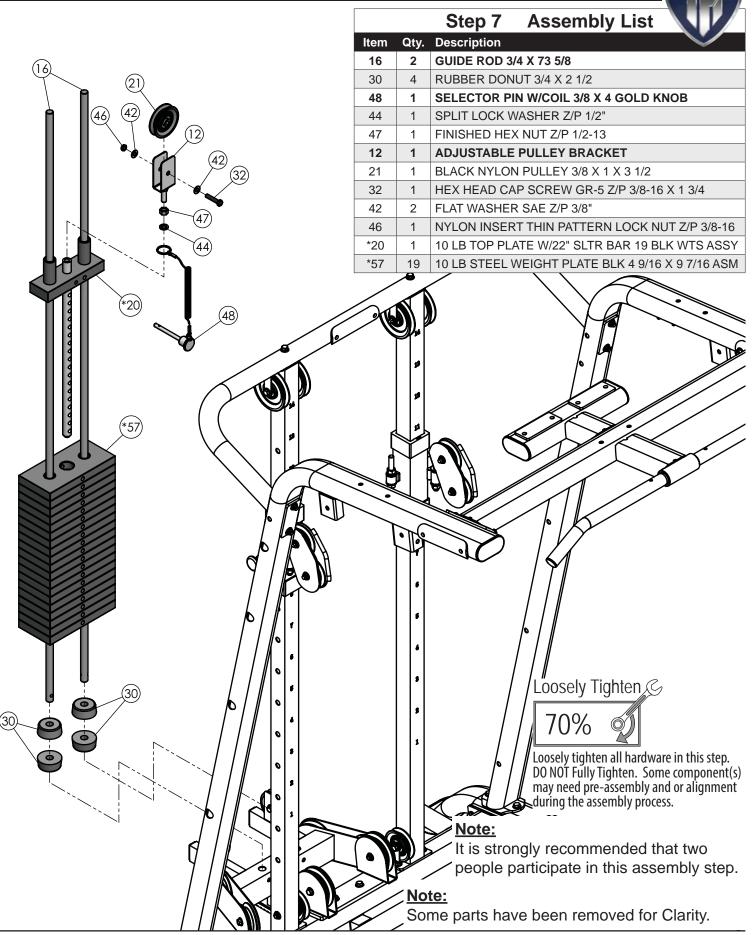




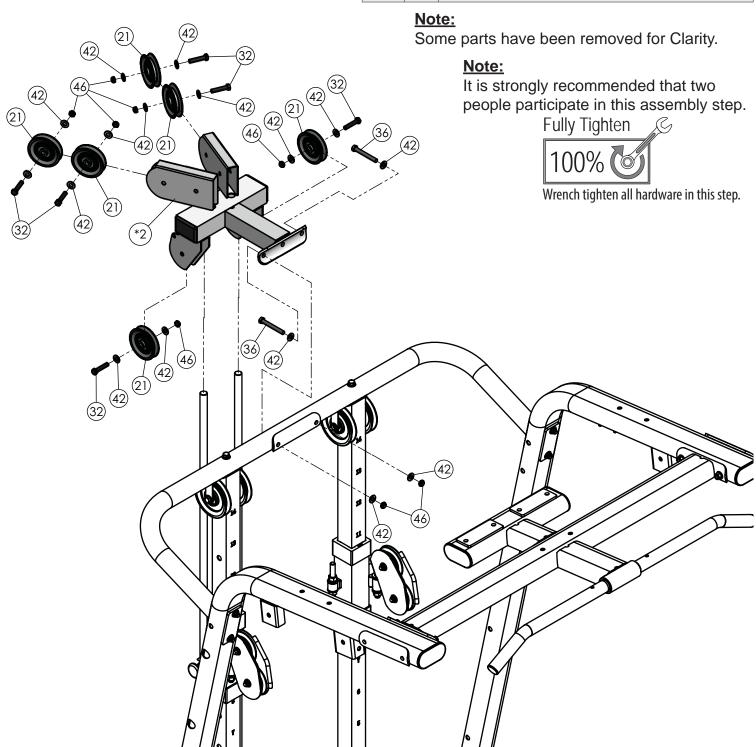


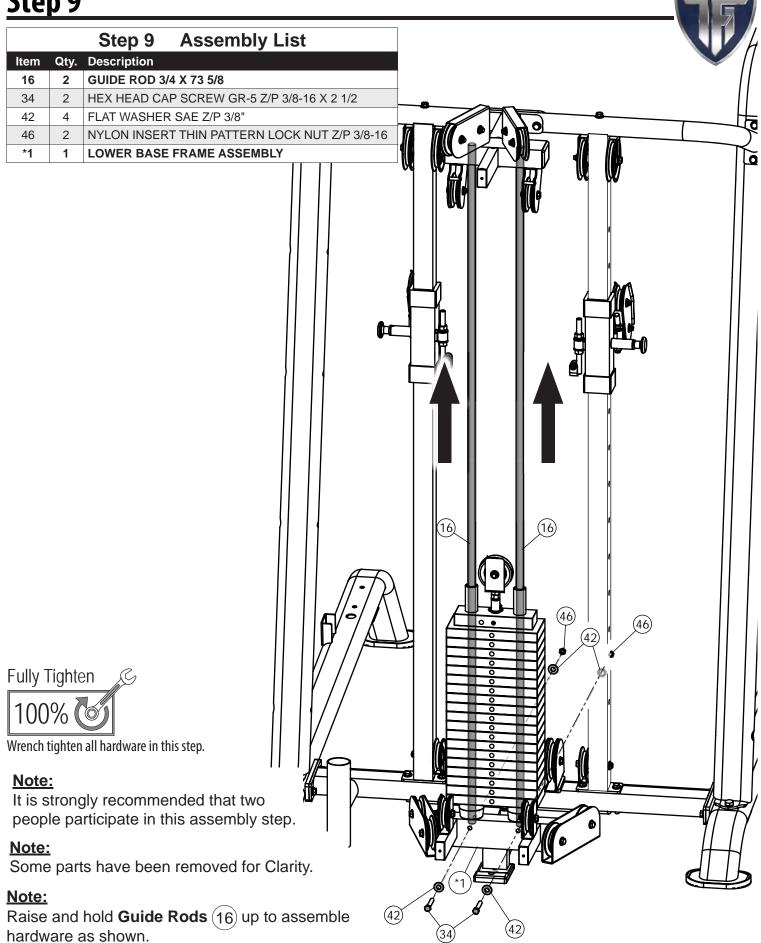
		Step 6 Assembly List
Item	Qty.	Description
21	6	BLACK NYLON PULLEY 3/8 X 1 X 3 1/2
22	2	NYLON PULLEY 3/8 X 1 X 4 1/2 BLACK
32	8	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1 3/4
37	2	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 3 5/32
42	20	FLAT WASHER SAE Z/P 3/8"
46	10	NYLON INSERT THIN PATTERN LOCK NUT Z/P 3/8-16
*1	1	LOWER BASE FRAME ASSEMBLY
*8	1	REINFORCEMENT PLATE W/PULLEY BKTS ASM
*54	1	ADJUSTABLE FOOT SUPPORT





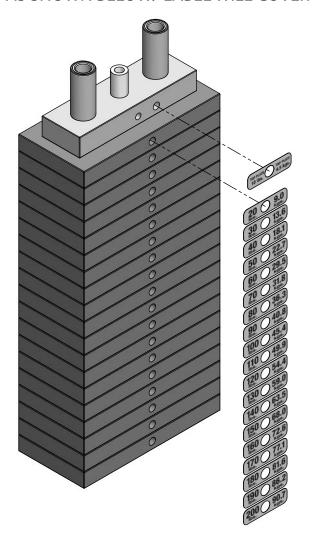
		Step 8 Assembly List
Item	Qty.	Description
21	6	BLACK NYLON PULLEY 3/8 X 1 X 3 1/2
32	6	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1 3/4
42	16	FLAT WASHER SAE Z/P 3/8"
46	8	NYLON INSERT THIN PATTERN LOCK NUT Z/P 3/8-16
36	2	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 3
*2	1	TOP GUIDE ROD RETAINER ASSEMBLY





NOTE:

TOP PLATE LABEL GOES ON HOLE OFF CENTER
 AS SHOWN BELOW. LABEL WILL COVER HOLE ON CENTER.



9	3
TOP PLATE 10 lbs.	TOP PLATE 4.5 kgs.
20 lbs.	9.0 kgs.
30 lbs.	13.6 kgs.
40 lbs.	18.1 kgs.
50 lbs.	22.7 kgs.
60 lbs.	29.5 kgs.
70 lbs.	31.8 kgs.
80 lbs.	36.3 kgs.
90 lbs.	40.8 kgs.
100 lbs.	45.4 kgs.
110 lbs.	49.9 kgs.
120 lbs.	54.4 kgs.
130 lbs.	59.0 kgs.
140 lbs.	63.5 kgs.
150 lbs.	68.0 kgs.
160 lbs.	72.6 kgs.
170 lbs.	77.1 kgs.
180 lbs.	81.6 kgs.
190 lbs.	86.2 kgs.
200 lbs.	90.7 kgs.

Weight stack label and lubrication instructions

- 1. Wipe front surface of weight stack with rubbing alcohol and wipe dry.
- 2. Peel off back sheet (adhesive side) from label (#93) and make sure that the label remains attached to the application tape.
- 3. Line up hole of the second label to the hole of the first weight plate.
- 4. Make sure the hole of the last label lines up with the hole of the last weight plate and slowly press into place.
- 5. Gently remove application tape and rub each label firmly against the weight stack.
- 6. Once this is complete, repeat this procedure for Top Plate label.
- 7. Allow labels to stand for 2 days to allow adhesive to cure fully.
- 8. Open the lube package provided and apply a thin film of lubricant around the first 3 inches of the guide rods above the Top Plate.

CHL-610WS

9. After the cables are installed, do a set of reps to spread the lubricant thoroughly.

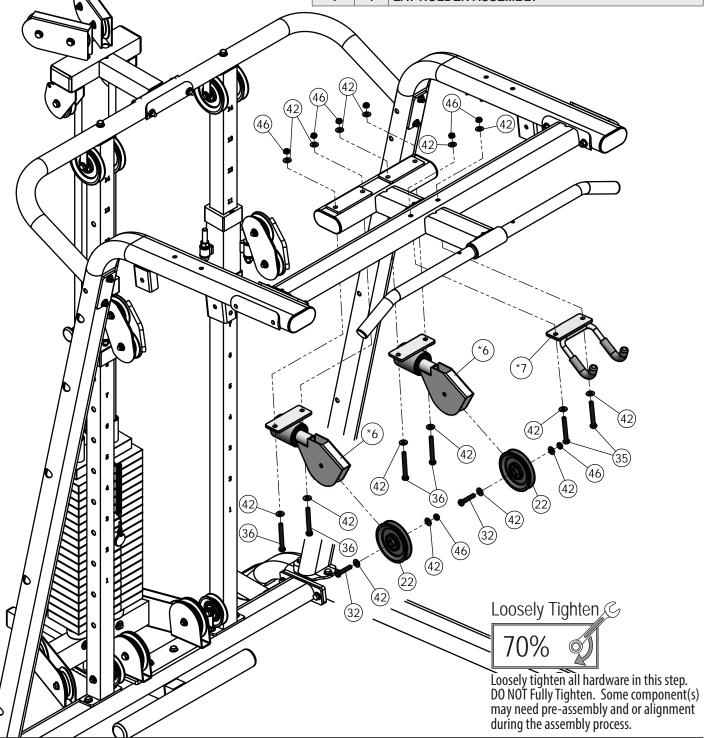
Note:

Some parts have been removed for Clarity.

Note:

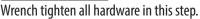
It is strongly recommended that two people participate in this assembly step.

		Step 11 Assembly List
Item	Qty.	Description
36	4	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 3
35	2	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 2 3/4
22	2	NYLON PULLEY 3/8 X 1 X 4 1/2 BLACK
32	2	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1 3/4
42	16	FLAT WASHER SAE Z/P 3/8"
46	8	NYLON INSERT THIN PATTERN LOCK NUT Z/P 3/8-16
*6	2	TOP SWIVEL PULLEY BRACKET ASSEMBLY
*7	1	LAT HOLDER ASSEMBLY

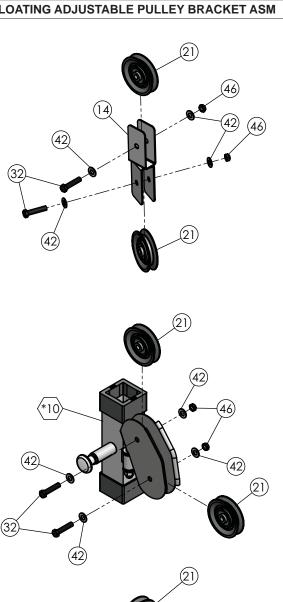


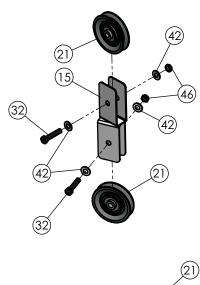
		Step 12 Assembly List
Item	Qty.	Description
14	1	FLOATING DOUBLE PULLEY BRACKET LT
15	1	FLOATING DOUBLE PULLEY BRACKET RT
21	10	BLACK NYLON PULLEY 3/8 X 1 X 3 1/2
32	10	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1 3/4
42	20	FLAT WASHER SAE Z/P 3/8"
46	10	NYLON INSERT THIN PATTERN LOCK NUT Z/P 3/8-16
*10	1	CARRIAGE LT ASSEMBLY
*11	1	CARRIAGE RT ASSEMBLY
*13	2	FLOATING ADJUSTABLE PULLEY BRACKET ASM

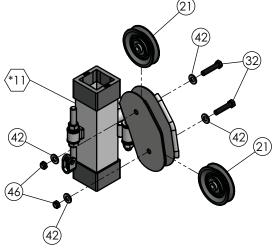


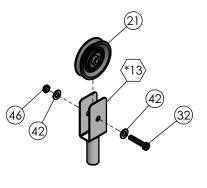




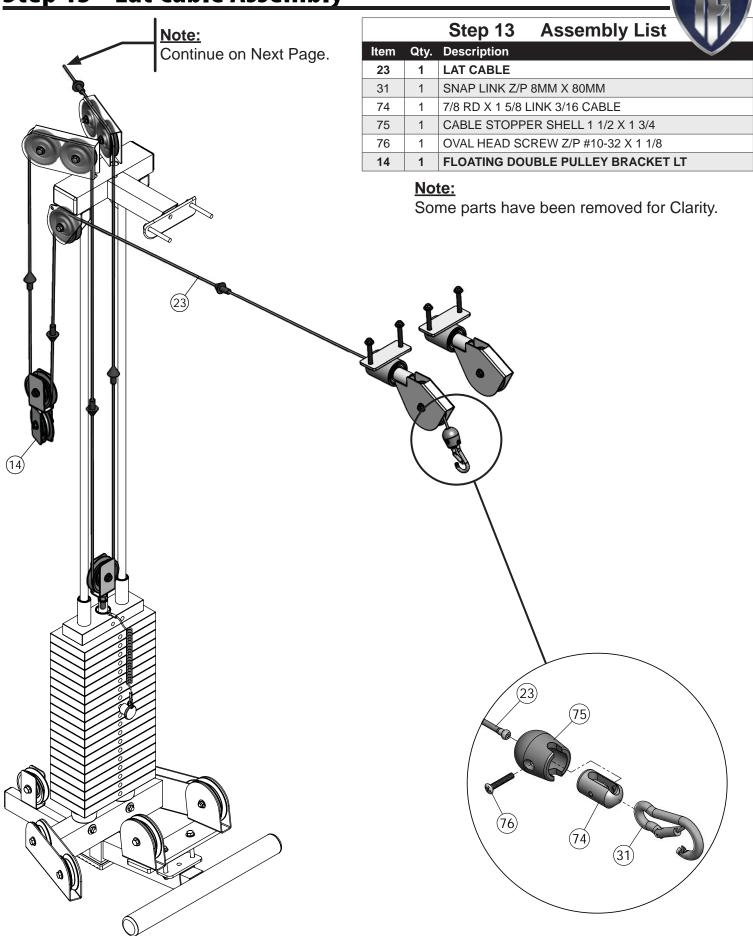




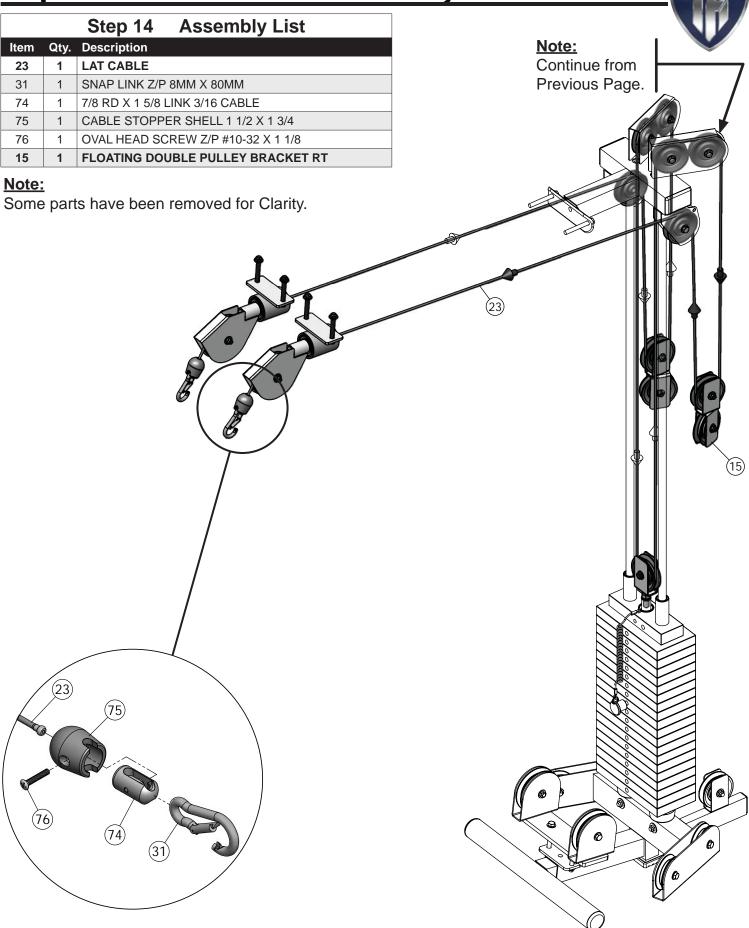




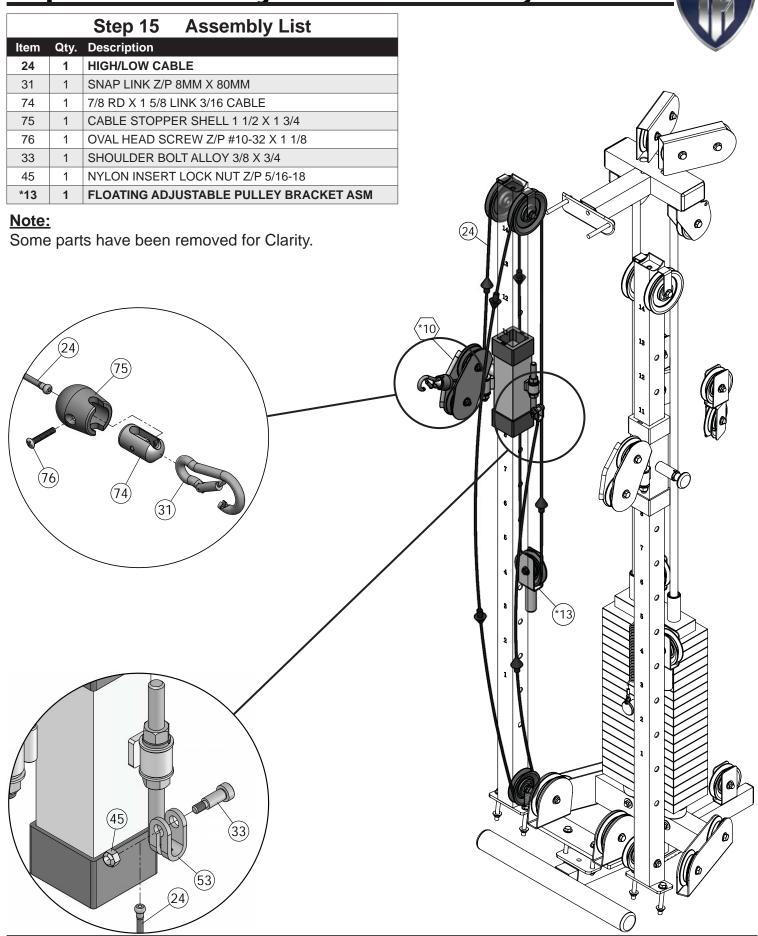
Step 13 Lat Cable Assembly



Step 14 Continue Lat Cable Assembly

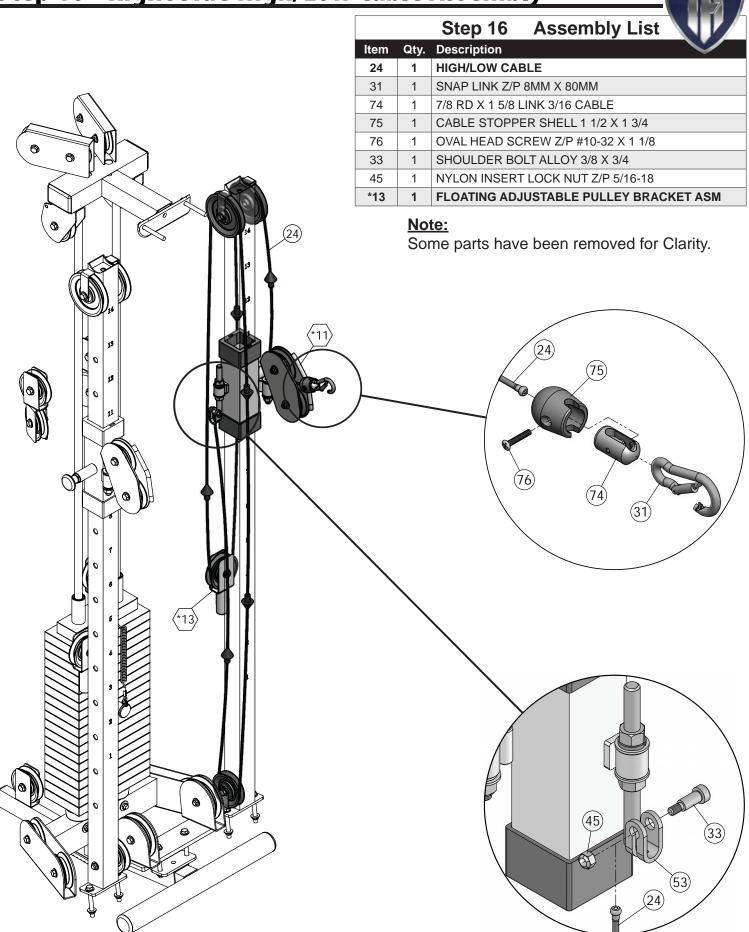


Step 15 Left Side High/Low Cable Assembly

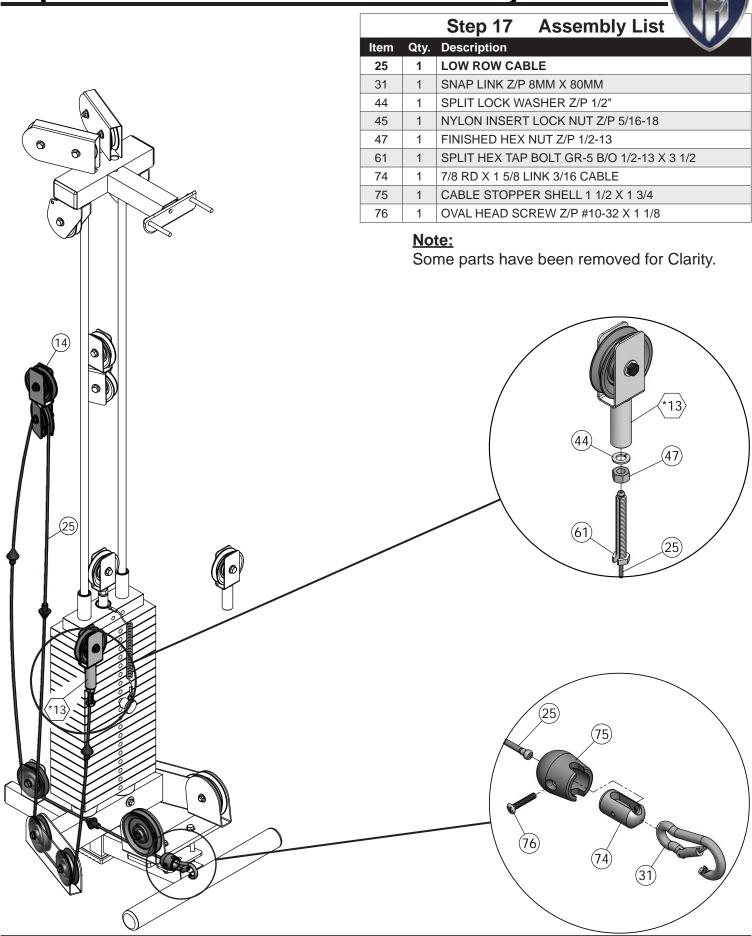


CHL-610WS High/Low Pulley w/200 Lbs Weight Stack for CSM-600

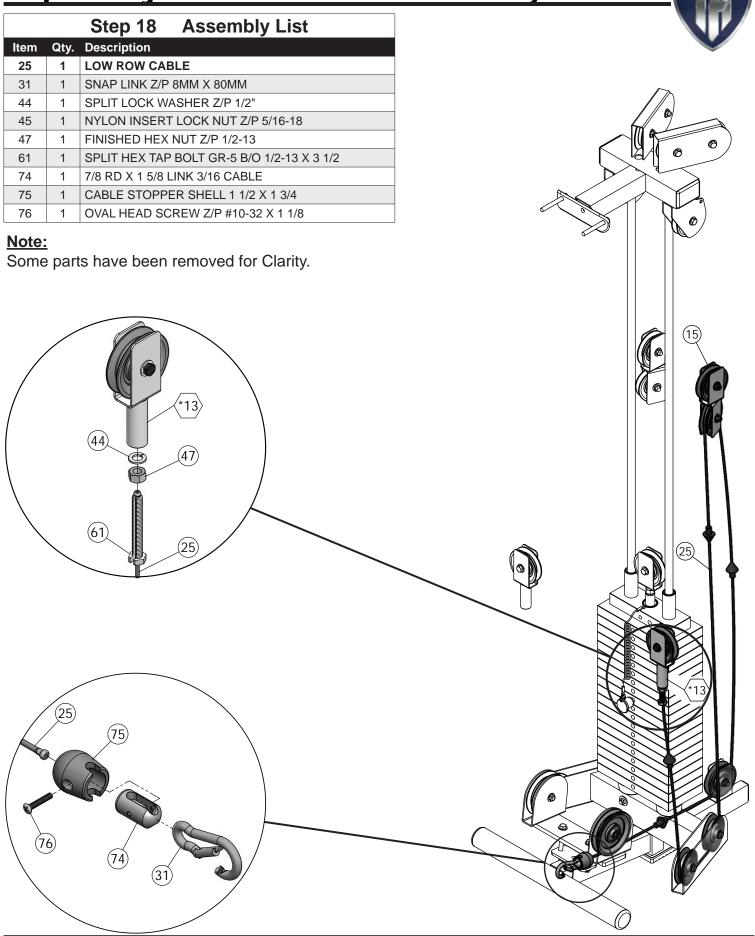
Step 16 Right Side High/Low Cable Assembly



Step 17 Left Side Low/Low Cable Assembly



Step 18 Right Side Low/Low Cable Assembly



<u>Step 19</u>

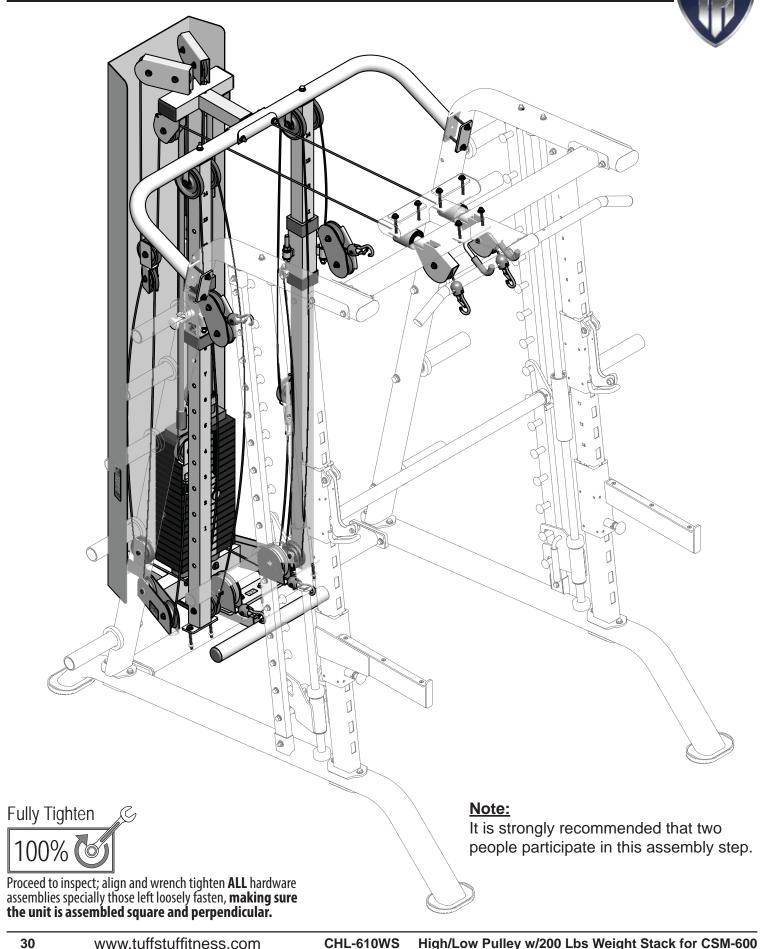


		Step 19 Assembly List
ltem	Qty.	Description
40	3	HEX HEAD CAP SCREW GR-5 Z/P 1/4-20 X 3/4
41	3	FLAT WASHER USS Z/P 1/4"
*9	1	WEIGHT SHIELD ASSEMBLY

Note:

Some parts have been removed for Clarity.

Note: It is strongly recommended that two people participate in this assembly step. Fully Tighten 100% Wrench tighten all hardware in this step. (41)(41)



Parts List

COLOR CHART

*BLACK BOLD = PRE-ASSEMBLED COMPONENTS
BLACK BOLD = SUBASSEMBLY COMPONENTS

CHL-610WS Parts List

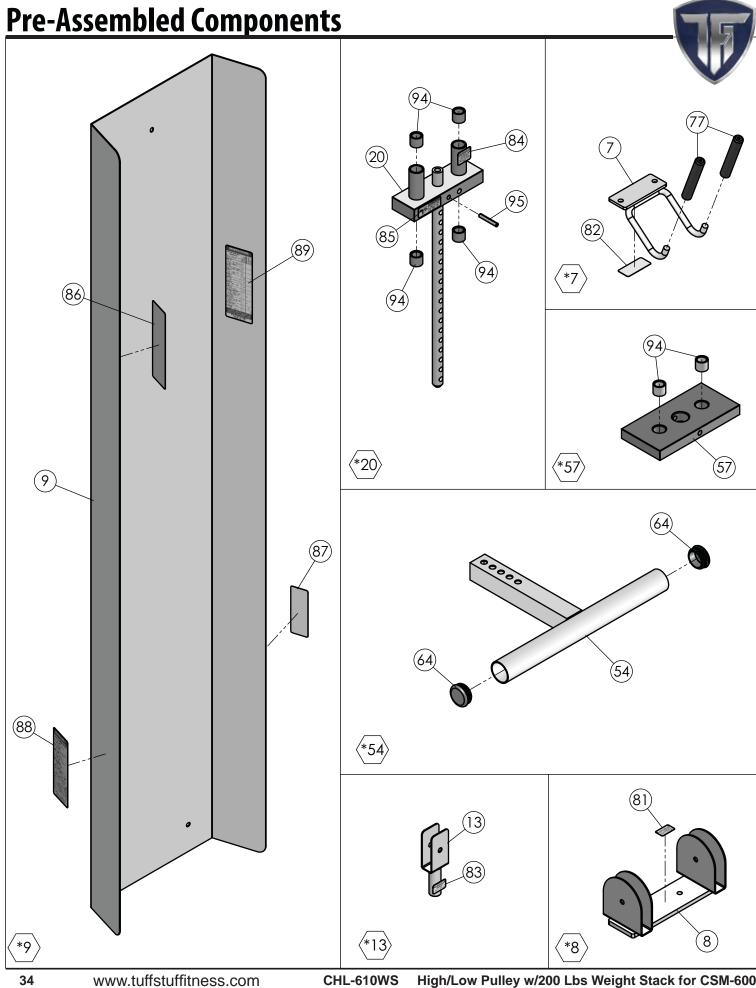
BLACK = HARDWARE REVO

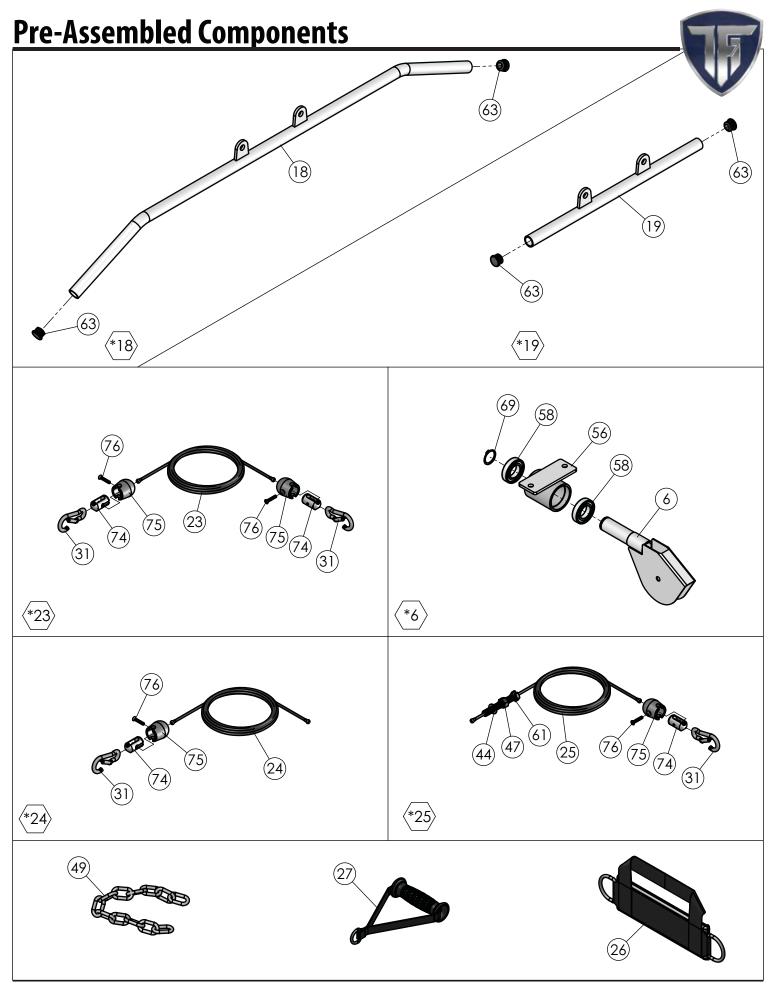
BLA	ACK = HARDWARE							RE	EV0
ITEM	DESCRIPTION	REV.	PART NO.	QTY.	ITEM	DESCRIPTION	REV.	PART NO.	QTY.
1	LOWER BASE FRAME	UP5201	1	49	COIL CHAIN Z/P 3/16 X 12 LINKS		BNH2522	2	
2	TOP GUIDE ROD RETAINER	0	UP5209	1	50	HEX KEY 3/16"		BNH2542	1
3	TOP HIGH/LOW CROSS BRACE	0	UP5200	1	51	HEX KEY ALLOY 3/32"		BNH0372	1
4	SELECTOR POST LT	0	UP5203	1	52	SUPER LUBE TEFLON LUBRICANT 82340		BNH0704	1
5	SELECTOR POST RT	0	UP5222	1	53	ADJUSTABLE CABLE BOLT	0	UP3648	2
6	TOP SWIVEL PULLEY BRACKET	0	UP3637	2	54	ADJUSTABLE FOOT SUPPORT	0	UP5202	1
7	LAT HOLDER	0	UP5212	1	55	CARRIAGE DOUBLE PULLEY BRACKET	0	UP8331	2
8	REINFORCEMENT PLATE W/PULLEY BRACKETS	0	UP8325	1	56	TOP SWIVEL PULLEY BRACKET HOUSING	0	UP5213	2
9	WEIGHT SHIELD	0	UP5215	1	57	10 LB STEEL WEIGHT PLATE BLACK 4 9/16 X 9 7/16		BNH1237	19
10	CARRIAGE LT	0	UP5204	1	58	BALL BEARING 520-2R5		BNH1712	4
11	CARRIAGE RT	0	UP5205	1	59	BRONZE BUSHING 1/2 X 5/8 X 1/2 X 7/8 X 1/8		BNH0528	4
12	ADJUSTABLE PULLEY BRACKET	0	UP5211	1	60	FLAT WASHER SAE Z/P 1/2"		BNH2031	6
13	FLOATING ADJUSTABLE PULLEY BRACKET	0	UP5206	2	61	SPLIT HEX TAP BOLT GR-5 B/O 1/2-13 X 3 1/2		BNH1131	2
14	FLOATING DOUBLE PULLEY BRACKET LT	0	UP5207	1	62	NYLON INSERT LOCK NUT Z/P 1/2-13		BNH2029	2
15	FLOATING DOUBLE PULLEY BRACKET RT	0	UP5208	1	63	PLASTIC INSERT CAP 1" RD 10-12 GA		BNH0002	4
16	GUIDE ROD 3/4 X 73 5/8	0	UP5210	2	64	PLASTIC INSERT CAP 1 7/8" RD.		BNH0003	2
17	REIFORCEMENT PLATE 1/4 X 2 X 4 1/2	0	UP5221	2	65	PLASTIC INSERT CAP 2 X 3		BNH0052	2
18	LAR BAR DOUBLE LINK	UP8326	1	66	PLASTIC TUBE GUIDE W/LIP-TEETH 2 1/2" SQ		BNH0060	4	
19	LOW ROW BAR 20" DOUBLE LINK	UP8327	1	67	PUSH PULL PIN 1/2 X 2 7/8 LIGHT SPRING		BNH0542	1	
20	10 LB TOP PLATE W/22" SLTR BAR 19 BLK WTS ASS	BNH2020	1	68	PUSH PULL PIN 1/2 X 3 1/2 REGULAR	X 3 1/2 REGULAR			
21	BLACK NYLON PULLEY 3/8 X 1 X 3 1/2		BNH2832	25	69	RETAINING SNAP RING EXT. PLAIN 1 1/4"		BNH1718	2
22	NYLON PULLEY 3/8 X 1 X 4 1/2 BLACK		BNH2834	8	70	RUBBER FOOT 3 X 4 1/2		BNH0607	1
23	LAT CABLE	0	UP8328	1	71	RUBBER GROMMET 3/4" ID	GROMMET 3/4" ID		
24	HIGH/LOW CABLE	0	UP8329	2	72	SOCKET SET SCREW Z/P 10-32 X 1/8		BNH2088	3
25	LOW ROW CABLE	0	UP8330	2	73	URETHANE BUMPER 1 3/4		BNH0229	1
26	NYLON ANKLE STRAP		BNH3203	1	74	7/8 RD X 1 5/8 LINK 3/16 CABLE	BNH4232	6	
27	CONTOUR ERGO HANDLE LONG STRAP		BNH2738	2	75	CABLE STOPPER SHELL 1 1/2 X 1 3/4		BNH4230	6
28	CABLE RETAINER BRACKET	0	UP0014	4	76	OVAL HEAD SCREW Z/P #10-32 X 1 1/8		BNH2793	6
29	CABLE RETAINER BRACKET (3 1/2 PULLEY)	0	UP0998	2	77	YELLOW GRIP 1/2 X 4		BNH3059	2
30	RUBBER DONUT 3/4 X 2 1/2		BNH0068	4	78	LABEL-DANGER USE THIS EQUIPMENT ONLY		BNH2903	1
31	SNAP LINK Z/P 8MM X 80MM		BNH0065	8	79	LABEL WARNING KEEP BODY, HANDS, 1 1/2 X 2 1/4		BNH2908	1
32	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1 3/4		BNH2040	27	80	LABEL CAUTION CHECK PULL-PIN IS FULLY 1 1/2 X 1	3/8	BNH2912	3
33	SHOULDER BOLT ALLOY 3/8 X 3/4		BNH0718	2	81	LABEL IMPORTANT FOR SMOOTH PERFORMANCE		BNH2916	3
34	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 2 1/2		BNH2044	2	82	DECAL-WARNING DO NOT USE FOR CHINNING		BNH2923	1
35	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 2 3/4		BNH2045	2	83	LABEL-IMPORTANT ADJUST CABLE TENSION HERE		BNH2924	4
36	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 3		BNH2046	16	84	LABEL-IMPORTANT FOR SMOOTH PERFORMANCE		BNH2925	1
37	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 3 5/32		BNH4312	2	85	LABEL-WARNING KEEP BODY, HANDS		BNH2926	1
38	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 3 1/2		BNH2107	2	86	LABEL-WARNING_SERIOUS INJURY OR DEATH		BNH3134	1
39	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 4 3/4		BNH2063	2	87	LABEL-SCHEDULE REPLACEMENT PARTS		BNH3135	1
40	HEX HEAD CAP SCREW GR-5 Z/P 1/4-20 X 3/4		BNH2106	3	88	LABEL-WARRANTY LIGHT COMMERCIAL		BNH3136	1
41				3	89	LABEL-INSPECTIONS RECOMMENDED INSPECTION		BNH3137	1
42	FLAT WASHER SAE Z/P 3/8"			108	90	FACILITY SIGN BE ALERT! THE FITNESS EQUIPMENT		BNH3138	1
43	SPLIT LOCK WASHER Z/P 3/8"		BNH0658	2	91	LABEL-DANGER CHECK RETAINING NUT 1.5 X 1		BNH3146	3
44	SPLIT LOCK WASHER Z/P 1/2"		BNH0572	5	92	LABEL_TFI SERIAL NO. 2.5 X 1.5		BNH3147	1
45	NYLON INSERT LOCK NUT Z/P 5/16-18		BNH2056	2	93	DECAL NUMBERS 10-200 LBS/KGS 7/8 X 3 YELLOW & E	BLK	BNH4069	1
46	NYLON INSERT THIN PATTERN LOCK NUT Z/P 3/8-16	3	BNH2026	51	94	NYLON BUSHING 25/32 ID X 1 1/16 OD X 29/32		BNH0532	42
47	FINISHED HEX NUT Z/P 1/2-13		BNH0206	7	95	ROLL PIN B/O 3/8 X 2		BNH0661	1
48	SELECTOR PIN W/COIL 3/8 X 4 GOLD KNOB	0	UP3035	1					



Pre-Assembled Components											
ITEM	DESCRIPTION	REV.	PART NO.	QTY.	ITEM	DESCRIPTION	REV.	PART NO.	QTY.		
*1	LOWER BASE FRAME ASSEMBLY	0	UP5201X1	1	*18	LAR BAR DOUBLE LINK ASM	0	UP8326X1	1		
*2	TOP GUIDE ROD RETAINER ASSEMBLY	0	UP5209X1	1	*19	LOW ROW BAR 20" DOUBLE LINK ASM	0	UP8327X1	1		
*6	TOP SWIVEL PULLEY BRACKET ASSEMBLY	0	UP3637X1	2	*20	10 LB TOP PLATE W/22" SLTR BAR 19 BLK WTS ASSY BNH2020X1		1			
*7	LAT HOLDER ASSEMBLY	0	UP5212X1	1	*23	LAT CABLE ASSEMBLY	0	UP8328X1	1		
*8	REINFORCEMENT PLATE W/PULLEY BKTS ASM	0	UP8325X1	1	*24	HIGH/LOW CABLE ASSEMBLY	0	UP8329X1	2		
*9	WEIGHT SHIELD ASSEMBLY	0	UP5215X1	1	*25	LOW ROW CABLE ASSEMBLY	0	UP8330X1	2		
*10	CARRIAGE LT ASSEMBLY	0	UP5204X1	1	*54	ADJUSTABLE FOOT SUPPORT	0	UP5202X1	1		
*11	CARRIAGE RT ASSEMBLY	0	UP5205X1	1	*57	10 LB STEEL WEIGHT PLATE BLK 4 9/16 X 9 7/16 ASM		BNH1650	19		
*13	FLOATING ADJUSTABLE PULLEY BRACKET ASM	0	UP5206X1	2							

Pre-Assembled Components ^{*}1 **(***2) (66) (68) (1)(78) **47** (55) (10)(55) (81) (53) 60) (83) (68) (60) (59) (47) (53) (62)







LIGHT COMMERCIAL WARRANTY

This warranty applies only in the United States to the products manufactured or distributed by TuffStuff Fitness International (TFI) under the TuffStuff brand name. TFI warrants to the original purchaser that TuffStuff equipment will be free from defects in material and workmanship. All warranty periods begin to run from the date of purchase to the original purchaser. The warranty and remedies set forth herein are conditioned upon proper storage, installation, use and maintenance and conformance with any recommendations of TFI. This warranty does not cover products not manufactured by TFI or products which are altered without the express written consent of TFI.

LIGHT COMMERCIAL WARRANTY:

TEN (10) Years: Structural main frames, welds, cams and

weight plates.

FIVE (5) Years: Pivot bearings, pulleys, bushings, guide rods

and gas shocks.

ONE (1) Year: Belts, linear bearings and pull-pin components.

All other parts not mentioned elsewhere in the warranty will expire one

(1) year from the date of purchase to the original purchaser.

SIX (6) Months: Upholstery, cables, finish and rubber grips.

Light Commercial Use:

Light Commercial Warranty applies to facilities like hotels, apartment complexes, personal training studios, fire & police stations, etc. where the equipment would be used by no more than 30 people per day.

HOME LIFETIME WARRANTY:

LIFETIME of the equipment while owned by the original purchaser (applies only to defects from manufacturer only).

This warranty does not cover:

- 1. TuffStuff products sold for and used in a commercial or institutional environment.
- Any damage, failure or loss caused by accident, misuse, neglect, abuse, improper assembly, improper maintenance, or failure to follow instructions or warnings in the owner's manual and warning labels posted on the machines.
- 3. Use of the product in a manner for which it was not designed.
- 4. Original product that is altered, or the use of replacement parts and components of another manufacturer other than TuffStuff.

The obligation of TFI under this warranty is limited to repairing or replacing warranted defective parts as TFI may elect, at TFI's facility in Chino, California, without charge to the purchaser. Purchaser is responsible for installation of repaired or replaced parts, and all transportation and insurance costs on returned or replaced equipment to and from TFI's facility in Chino.

THE FOREGOING SHALL CONSTITUTE THE SOLE REMEDY OF THE PURCHASER AND THE SOLE LIABILITY OF TFI WITH REGARD TO WARRANTY. NO IMPLIED STATUTORY WARRANTY OR IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. IN NO EVENT, WHETHER AS A RESULT OF BREACH OF CONTRACT, WARRANTY, NEGLIGENCE OR OTHERWISE, SHALL TFI BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUE, LOSS OF USE OF EQUIPMENT, COST OF CAPITAL, COST OF SUBSTITUTION EQUIPMENT, DOWNTIME COST, OR CLAIMS OF CUSTOMERS OR PURCHASER FROM SUCH DAMAGE.

This written warranty is the final, complete and exclusive agreement of the parties with respect to the quality or performance of the equipment and no action for breach of this written warranty or any implied warranty shall be commenced more than one (1) year after the accrual of the cause of action. No modification of this warranty or waiver of its terms shall be binding on either party unless approved in writing by an authorized representative of the party. Contact TuffStuff Fitness International at 13971 Norton Avenue, Chino, CA 91710, before returning any defective equipment.

This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state.

SERIAL#		
	Write your Serial number here for future reference	Purchase Date



TuffStuff Fitness International, Inc.

13971 Norton Avenue, Chino, CA 91710, USA Phone: 909-629-1600 Fax: 909-629-4967 www.tuffstuffitness.com service@tuffstuff.net or service1@tuffstuff.net