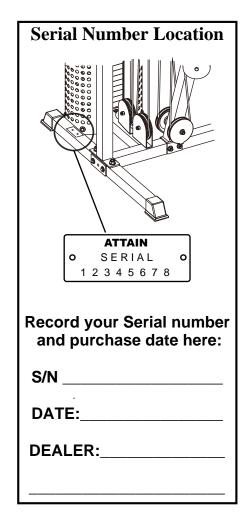
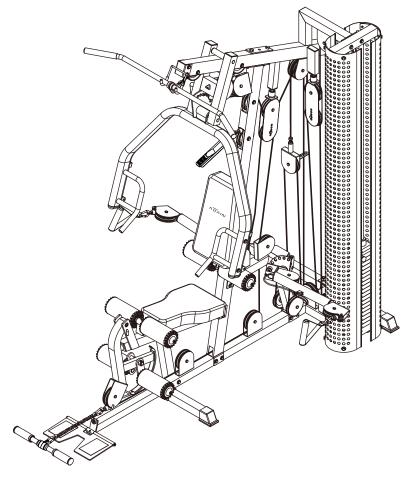


## HG1 MULTI GYM OWNER'S MANUAL





Model No. HG1 78600V3 ATTAIN FITNESS Fitness Authority Industrial Co., LTD. No. 15, Xiangxue Rd., Dali Dist., Taichung City 41275, Taiwan.

### **Congratulations and Thank You!**

Thank you for selecting the *ATTAIN FITNESS HG1 MULTI GYM*. The *ATTAIN FITNESS HG1* offers an impressive array of strength training exercises to develop every major muscle group of the body. Whether your goal is cardiovascular fitness, a shapely, toned body or dramatic muscle size and strength, the *ATTAIN FITNESS HG1* will help you achieve the results you want. For your safety and benefit, read this manual and the accompanying literature before using the *ATTAIN FITNESS HG1*. Keep this manual for future reference. If you have additional questions, please call your local ATTAIN FITNESS dealer.

#### www.attainfitnessusa.com

### **Important Safety Notes**

There is a risk assumed by individuals who use this type of equipment. Before beginning this or any other exercise program consult your physician. This is especially important for individuals over the age of 35 or persons with preexisting health problems. ATTAIN FITNESS assumes no responsibility for personal injury or property damage sustained by or through use of this product.

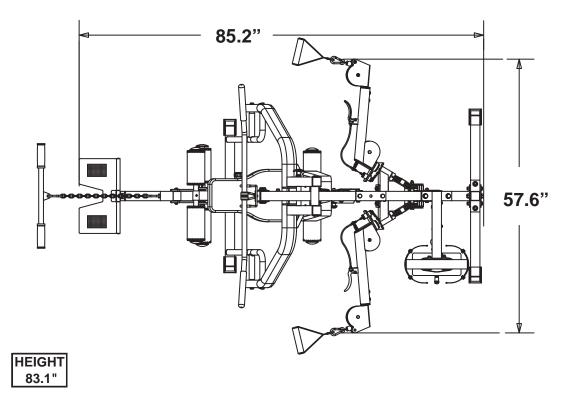
- 1. This product must be assembled on a flat, level surface to assure its proper function.
- 2. Clean pads and frame on a regular basis. ATTAIN FITNESS recommends warm, soapy water. Do not use harsh or abrasive chemicals.
- 3. Inspect and tighten all parts before every use. Replace any worn parts immediately. Failure to do so may result in serious injury.
- 4. Keep children away from the ATTAIN FITNESS HG1 at all times.
- 5. Keep your hands away from cables and pulleys during operation.
- 6. Keep your hands away from moving parts other than the designated handles.
- 7. Make certain all cables are seated within the pulleys before every use.
- 8. Exercise with care to avoid injury.
- 9. If you are unsure about the proper use of the ATTAIN FITNESS HG1, call your local ATTAIN FITNESS dealer or our customer service department.

#### **QUESTIONS?**

As a quality exercise equipment supplier we are committed to your complete satisfaction. If you have questions, or find missing or damaged parts, we will guarantee your complete satisfaction through our authorized dealer service centers or our home office customer service department. Please call your local dealer for assistance or ATTAIN FITNESS at +1 877-551-7484 and info@attainfitnessusa.com.

#### www.attainfitnessusa.com

### **Gym Placement Planner**

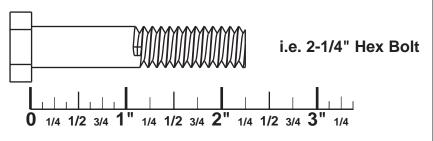


# Recommended Tools for Assembly

Ratchet
9/16" Socket
3/4" Socket
9/16" Combination Wrench
3/4" Combination Wrench
Adjustable Wrench
Rubber Mallet
Metric Allen Key Set

## **Important Notes and Tips:**

- 1. Do not tighten bolts until instructed.
- 2. Two people are required for the safe assembly of this product.
- 3. Use window cleaner or water to assist with sliding roller pads on to tubes.
- 4. Apply silicone lubricant onto guide rods prior to weight plate installation.
- 5. Please allow plastic parts to acclimate to room temperature before installation or they may be damaged.
- 6. Carefully install plastic caps using a rubber mallet.
- 7. When measuring bolt lengths, only measure the shank. as shown below.

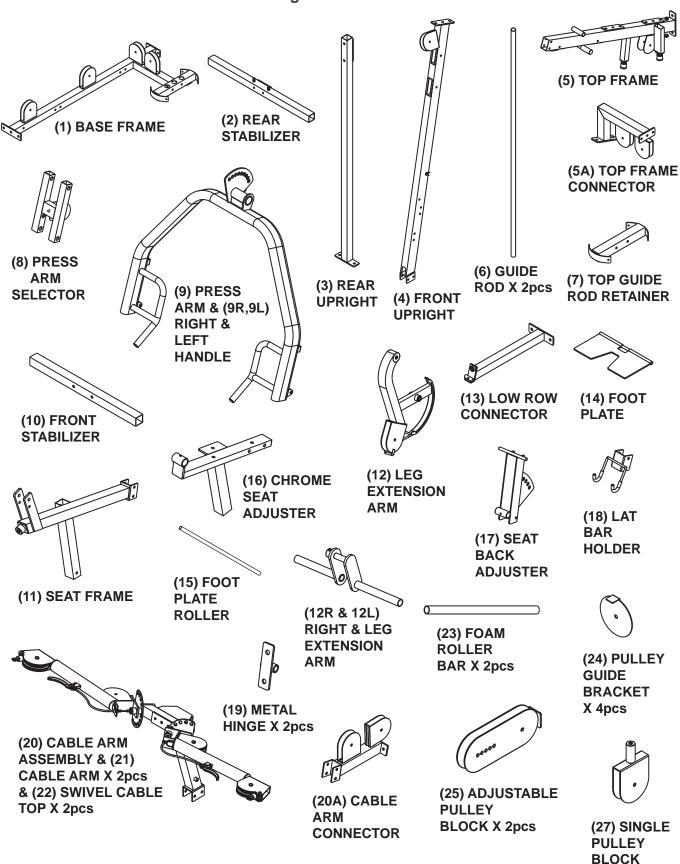


## **HG1 PARTS LIST 1**



NOTE: If you are missing a listed part, it likely has been pre-installed in our factory for quality control purposes. Please continue with assembly.

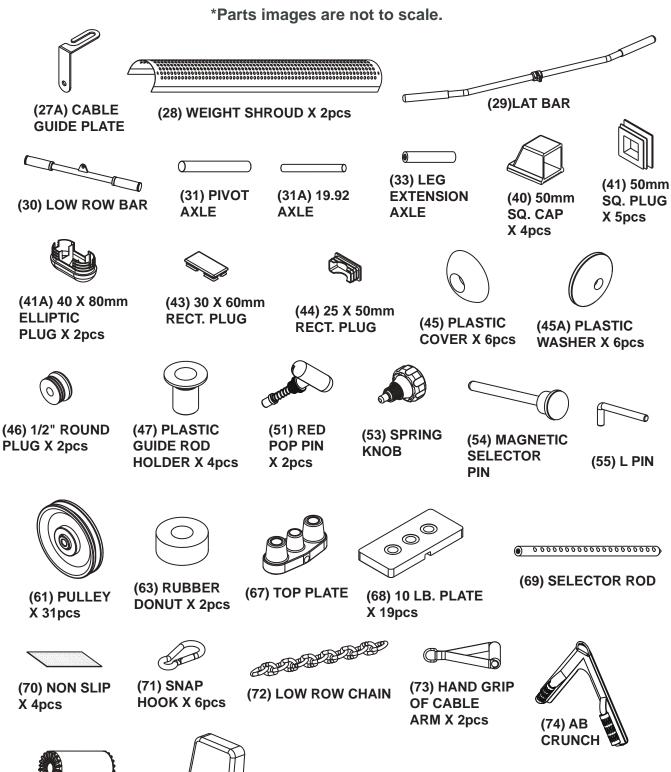
\*Parts images are not to scale.



## **HG1 PARTS LIST 2**



NOTE: If you are missing a listed part, it likely has been pre-installed in our factory for quality control purposes. Please continue with assembly.





(75 & 75A) FOAM PAD WITH COVER X 6pcs





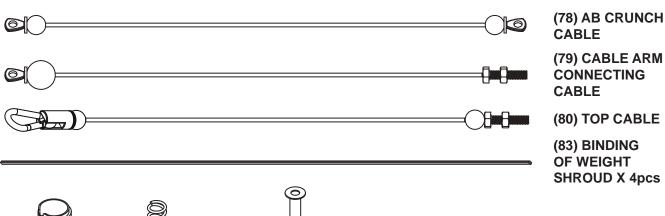


## **HG1 PARTS LIST 3**



NOTE: If you are missing a listed part, it likely has been pre-installed in our factory for quality control purposes. Please continue with assembly.

\*Parts images are not to scale.





**STRAP** 

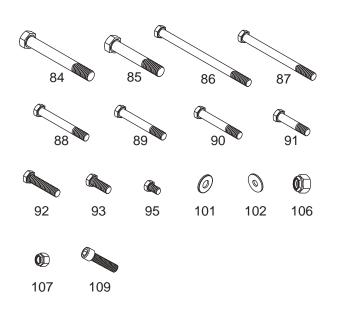




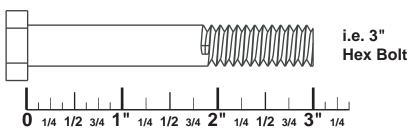
(115) **SPRING** 

(130) WEIGHT STACK **SPACER X 2pcs** 

NO NO	QTY.	
84	1/2" X 4" HEX HEAD BOLT	2
85	1/2" X 3" HEX HEAD BOLT	4
86	3/8" X 5-3/4" HEX HEAD BOLT	1
87	3/8" X 4-1/2" HEX HEAD BOLT	1
88	3/8" X 3" HEX HEAD BOLT	13
89	3/8" X 2-3/4" HEX HEAD BOLT	4
90	3/8" X 2-1/2" HEX HEAD BOLT	4
91	3/8" X 1-3/4" HEX HEAD BOLT	17
92	3/8" X 1-3/4" HEX HEAD BOLT (ALL)	2
93	3/8" X 1" HEX HEAD BOLT (ALL)	4
95	5/16" X 1/2" HEX HEAD BOLT (ALL)	8
101	3/8" WASHER	50
102	5/16" SMALLER WASHER	8
106	1/2" NYLON NUT	6
107	3/8" NYLON NUT	41
109	TOP PLATE BOLT	1



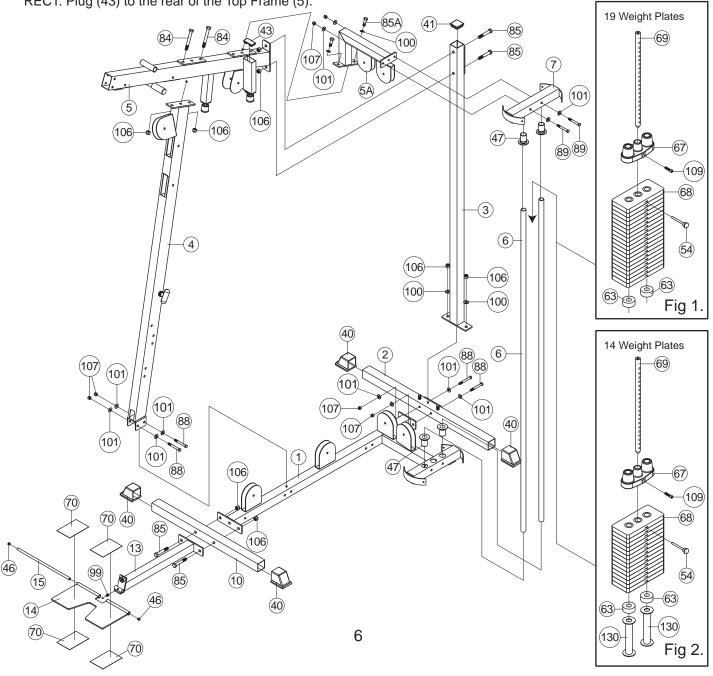
When measuring bolt lengths, only measure the shank.



## STEP 1 ASSEMBLE MAIN FRAME

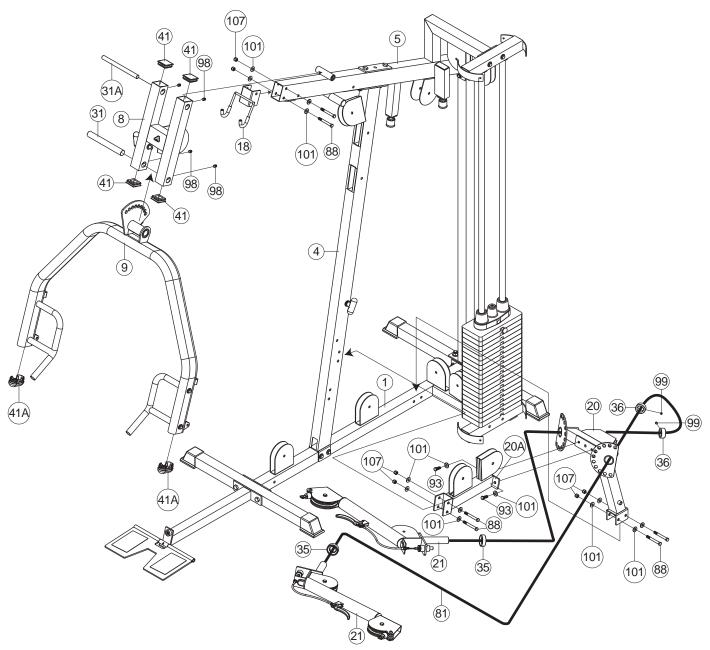
#### To ease the assembly process, do not tighten bolts until instructed.

- 1. Attach Rear Stabilizer (2) to Base Frame (1) using two 3/8" X 3" Bolts (88), four 3/8" Washers (101) and two 3/8" Nuts (107). Attach Front Stabilizer (10) and Low Row Connector (13) to Base Frame (1) using two1/2" X 3" Bolts (85) and two 1/2" Nuts (106). Cap Rear Stabilizer (2) and Front Stabilizer (10) with four 50mm SQ. Caps (40).
- 2. Stick four Non Slips on both sides of Foot Plate (14). Attach the Foot Plate (14) to Low Row Connector (13) by aligning the holes and inserting Foot Plate Roller (15). Insert two 1/2" Round Plugs (46) into the Foot Plate Roller (15).
- 3. Attach Rear Upright (3) to Rear Stabilizer (2) using two 1/2" Washers (100) and two 1/2" Nuts (106).
- 4. Attach Front Upright (4) to Base Frame (1) using two 3/8" X 3" Bolts (88), four 3/8" Washers (101) and two 3/8" Nuts (107).
- 5. Attach Top Frame (5) to Front Upright (4) using two 1/2" X 4" Bolts (84) and two 1/2" Nuts (106). Attach Top Frame (5) to Rear Upright (3) using two 1/2" X 3" Bolts (85) and two 1/2" Nuts (106).
- 6. Refer to Figures 1 and 2. If you have 14 Weight Stack Plates (68), install the Weight Stack Spacers (130) onto each guide rod. If you have 19 weight plates, DISCARD the Weight Stack Spacers (130).
- 7. Cap four Plastic Guide Rod Holder (47) to Top Guide Rod Retainer (7) and Base Frame (1). Slide two Rubber Donuts (63) onto one end of each Guide Rod (6). Slide each Weight Plate (68) over Guide Rods (6). Make certain that each plate is oriented with selector hole opening on the bottom and facing forward.
- 8. Attach Top Plate(67) to Selector Rod(69) using Top Plate Bolt(109). Slide Top Plate(67) and Selector Rod(69) onto Guide Rods(6).
- 9. Attach the Top Frame Connector (5A) to the Top Frame (5) using two 1/2" X 1-1/4" Bolts (85A) and two 1/2" Washers (100). Slide the Top Guide Rod Retainer (7) over top of the Guide Rods (6) and then attach the Top Guide Rod Retainer (7) to the Top Frame Connector (5A) using two 3/8" X 2-3/4" Bolts (89), four 3/8" Washers (101), and two 3/8" Nuts (107). Attach a 50mm SQ. Plug (41) to the top of the Rear Upright (3), and a 30 X 60mm RECT. Plug (43) to the rear of the Top Frame (5).



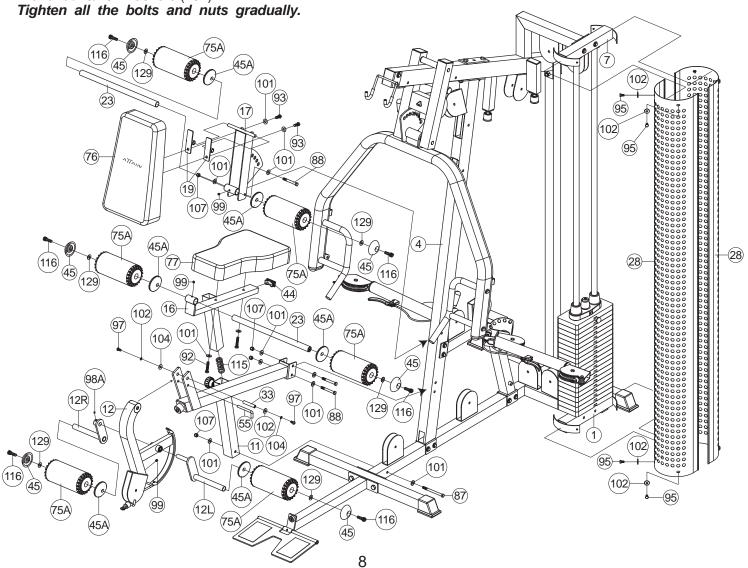
## STEP 2 ASSEMBLE PRESS ARM & CABLE ARM ASSEMBLY

- 1. Attach Press Arm Selector (8) to Top Frame with bearing pre-installed (5) by aligning holes and inserting 19.92mm Axle (31A). Lock into place with pre-installed set screw.
- 2. Attach Press Arm (9) to Press Arm Selector (8) by aligning holes and inserting Pivot Axle (31). Lock into place with pre-installed set screw.
- 3. Attach 40 X 80mm Elliptic Plugs (41A) onto ends of Press Arm (9) and attach 50mm SQ. Plug (41) onto ends of Press Arm Selector (8).
- 4. Attach Cable Arm Connector (20A) to Cable Arm Assembly (20), using two 3/8" X 1" Bolts (93) and two 3/8" Washers (101). Attach Cable Arm Connector (20A) to Front Upright (4) and Cable Arm Assembly (20) to Base Frame (1), using four 3/8" X 3" Bolts (88), eight 3/8" Washers (101) and four 3/8" Nuts (107). Remember to keep all bolts loose to ensure holes will align easily.
  - Slide the axle of each Cable Arm (21) through the hole in selector plate of Cable Arm Assembly (20) and fasten using Axle Collar (36) with 5/16" X 1/4" Set Screw (99).
  - Check to ensure that each arm pivots freely and any cables are not twisted.
- 5. Attach Lat Bar Holder (18) to Top Frame (5) using two 3/8" X 3" Bolts (88), four 3/8" Washers (101) and two 3/8" Nuts (107).



## STEP 3 ASSEMBLE SEAT FRAME AND SEAT BACK

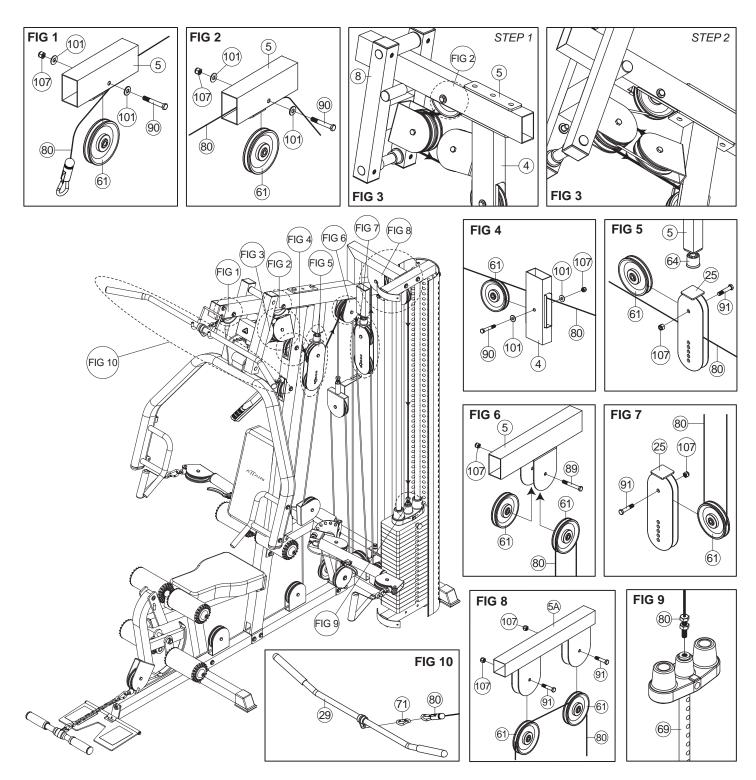
- 1. Attach Seat Frame (11) to Front Upright (4) using two 3/8" X 3" Bolts (88), four 3/8" Washers (101) and two 3/8" Nuts (107). Attach Seat Frame (11) to Base Frame (1) using 3/8" X 4-1/2" Bolt (87), two 3/8" Washers (101) and one 3/8" Nut (107).
- 2. Attach Leg Extension Arm with bearing pre-installed (12) to Seat Frame (11) by aligning holes and then inserting Leg Extension Axle (33). Fasten Leg Extension Axle (33) using two 5/16" Spring Washers (104), two 5/16" Washers (102) and two 5/16" X 5/8" Set Screws (97). Check to ensure that Leg Extension Arm (12) pivots freely. Attach the Right and Left Leg Extension Arms (12R & 12L) to the Leg Extension Arm (12) by 5/16" X 5/8" Set Screw (98A). Moisten the center of two Cover of Foam Pads (75) and slide onto each end of the Right and Left Leg Extension Arms (12R & 12L). Attach Plastic Washer (45A) at both side of Cover of Foam Pad (75A) and secure the pads with 5/16" Larger Washer (129). Plastic Cover (45) and 5/16" X 1-1/4" Sunken Head Screw (116). Note: The L Pin (55) is used to lock the Leg Extension Arm (12) into place when using the low cable for exercises such as arm curls, leg kicks, upright rows, etc. Remove the L Pin (55) when performing leg extensions and leg curls.
- 3. Insert Foam Roller Bar (23) into hole in Chromed Seat Adjuster (16). Moisten Foam Pad (75) with water and slide onto each end of Foam Rollers Bar (23). Attach Plastic Washer (45A) to both side of Cover of Foam Pad (75A) and secure the Pads with 5/16" Larger Washer (129). Plastic Cover (45) and 5/16" X 1-1/4" Sunken Head Screw (116).
- Attach Seat Pad (77) to Chromed Seat Adjuster (16) using two 3/8" Washers (101) and two 3/8" X 1-3/4" Bolts (92). Attach 25 X 50mm Plug (44) to Chromed Seat Adjuster (16). Insert Chromed Seat Adjuster (16) into Seat Frame (11) and lock into place with Spring Knob (53) with Spring (115).
   Attach Seat Back Adjuster (17) to Front Upright (4) using one 3/8" X 3" Bolt (88), two 3/8" Washers (101) and 3/8"
- 5. Attach Seat Back Adjuster (17) to Front Upright (4) using one 3/8" X 3" Bolt (88), two 3/8" Washers (101) and 3/8" Nut (107). It may be necessary to tighten this bolt, then loosen just enough to let Seat Back Adjuster (17) pivot freely. Attach Rod Pop Pin (51) for Seat Back Adjuster (17) to Front Upright (4). Attach two Metal Hinges (19) to top of Seat Back Adjuster (17), then attach Back Pad (76) to Metal Hinges (19) using two 3/8"X1" Hex Head Bolts (93) and two 3/8" Washers (101). Insert Foam Roller Bar (23) into hole in Seat Back Adjuster (17). Moisten two Foam Pads (75) with water and slide onto each end of Foam Roller Bar (23), then attach Plastic Washer (45A) at both side of Cover of Foam Pads (75A) and secure pads with 5/16" Larger Washer (129). Plastic Cover (45) and 5/16"X1-1/4" Sunken Head Screw (116). Lock into place with pre-installed Set Screw.
- 6. Attach Weight Shroud (28) to Base Frame (1) and Top Guide Rod Retainer (7) using four 5/16" X 1/2" Bolts (95) and four 5/16" Washers (102).



### TOP CABLE

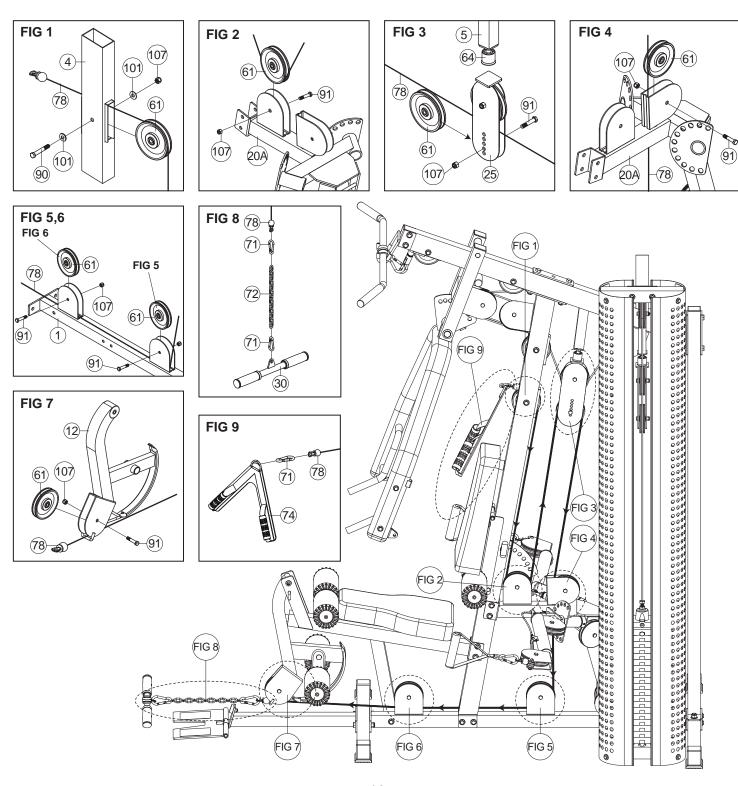
#### Assemble cables and pulleys simultaneously.

Insert threaded end of Top Cable (80) into the slot in front of Top Frame (5) (Fig 1) and route over top of two pulleys mounted in Top Frame (5) (Fig 1, 2), over left side (as if sitting on seat) pulley in Press Arm Selector (8) (Fig 3, Step 1), under pulley mounted in Front Upright (4), over right side pulley in Press Arm Selector (8) (Fig 3, Step 2), then over pulley mounted in Front Upright (4) (Fig 3, Fig 4), down to top Adjustable Pulley Block (25) (Fig 5), up and over left side pulley on Top Frame (5) (Fig 6), down and around top pulley in Adjustable Pulley Block (25) (Fig 7), up and over two Top Frame (5) (Fig 8) pulleys leading to weight stack. Screw threaded end of the Cable (80) into Selector Rod (69) (Fig 9).



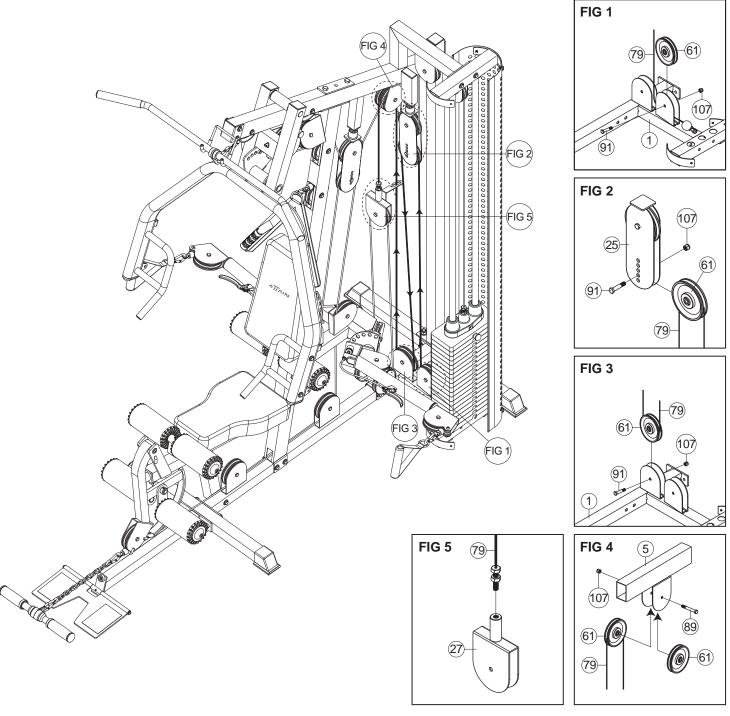
### AB CRUNCH CABLE

Route the AB Crunch Cable (78) through slot and over pulley on Front Upright (4) (Fig 1), down to the front pulley on Cable Arm Connector (20A) (Fig 2), then up to lower pulley on Adjustable Pulley Block (25) (Fig 3), down through the rear pulley on Cable Arm Connector (20A) (Fig 4) to pulley on Base Frame (1) (Fig 5), then forward toward Leg Extension Arm (12). Route AB Crunch Cable (78) under both pulleys on Base Frame (1) and under pulley on Leg Extension Arm (12).



## CABLE ARM CONNECTING CABLE

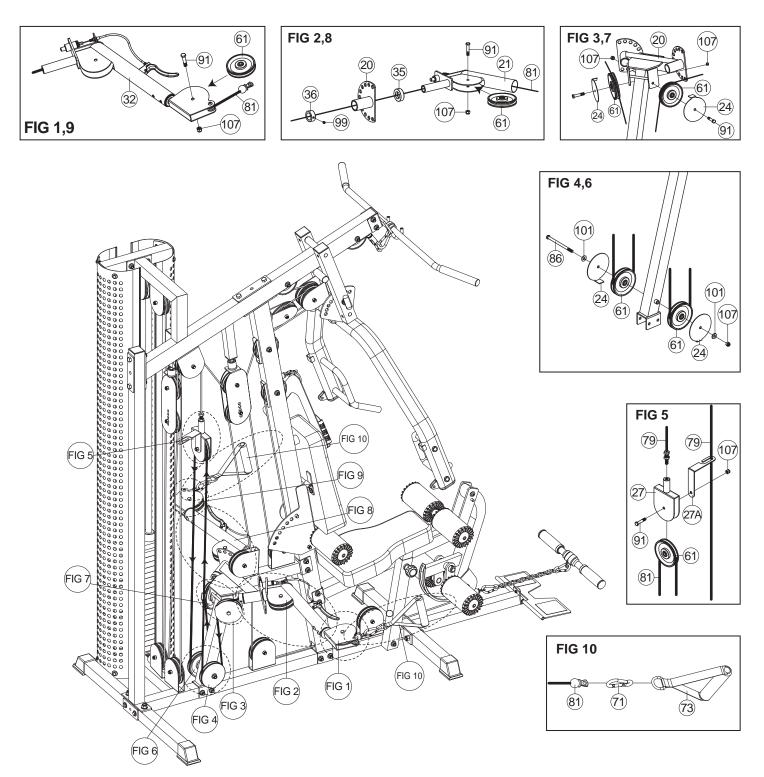
Attach pulley on Base Frame (1) near weight stack as shown Fig 1 with ball end of cable toward weight stack. Route cable up to low pulley of Adjustable Pulley Block (25) (Fig 2), then down to pulley on Base Frame (1) (Fig 3), up to right side pulley in Top Frame (5) (Fig 4) and thread into the Single Pulley Block (27) (Fig 5).



### CABLE ARM CABLE

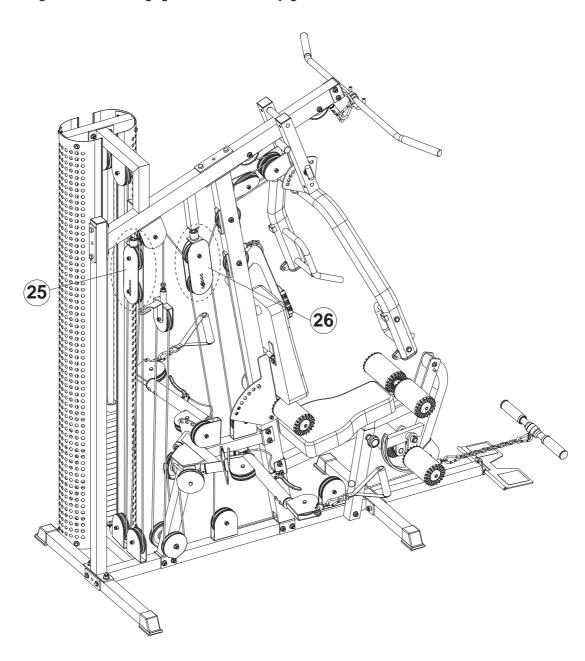
Attach pulley and Pulley Guide Bracket (24) to Cable Arm Assembly (20) as shown in Fig 3 and Fig 4, Be certain that, when tightened, the Pulley Guide Brackets (24) do not interfere with the cable movement.

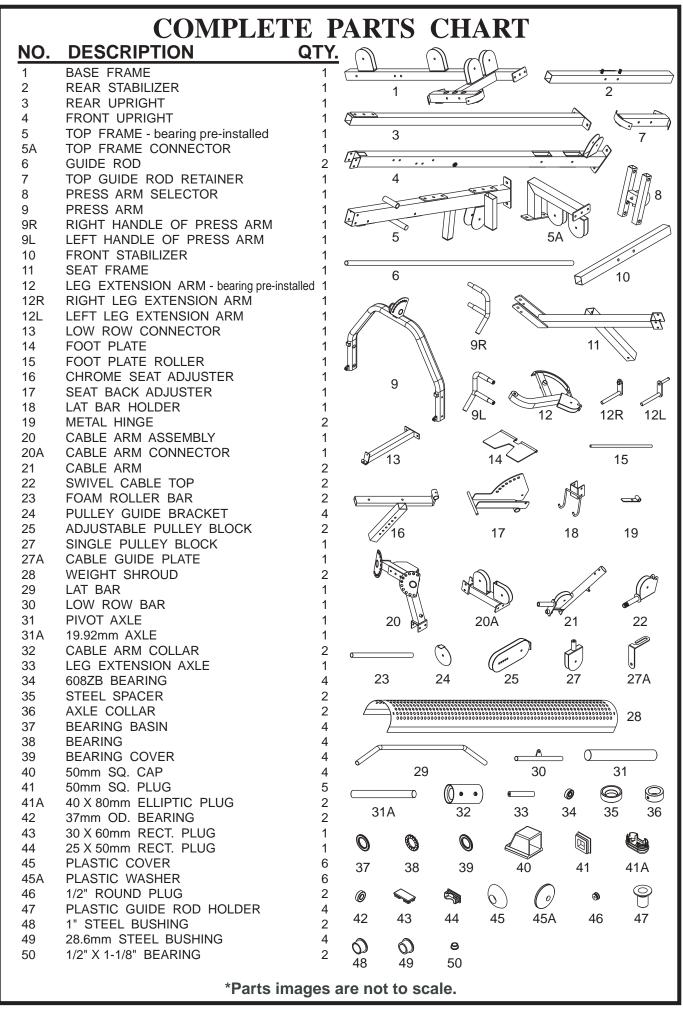
Route Cable Arm Cable (81) around these pulleys as shown and around pulley in the Single Pulley Block (27) (Fig 5).



## Step 12 The Cable Adjustment of HG1 MULTI GYM

- a. The Cables should be tightened to the point just before the Top Plate lifts off the stack. In other words, if the Top Plate is not resting on the stack, you will need to add length, or, if there is slack in the cables, you will need to shorten the cables. There are several adjustment points. If only minor adjustments need to be made, you can adjust the Screw ends on the Top Cable (at the Top Plate), the Cable Arm Connecting Cable (where it screws into the Pulley Block), These ends of these cables must be screwed in at least 1/3 of their length for safety purposes. Once you are done with these adjustments, lock them into place using the jam nuts.
- b. Broader adjustments are made at the Adjustable Pulley Block (25). Moving the bottom pulley toward the center decreases length (takes up slack). Conversely, moving the bottom pulley outward gains cable length.
- c. Once the cables have been adjusted to remove all slack, adjust the Adjustable Stoppers in the Top Frame to where they just touch the Adjustable Pulley Block (25), and the Adjustable Pulley Block (26). The Adjustable Stoppers welded on top frame aid in the function of the gym by eliminating the need to engage all cables in any given exercise routine.



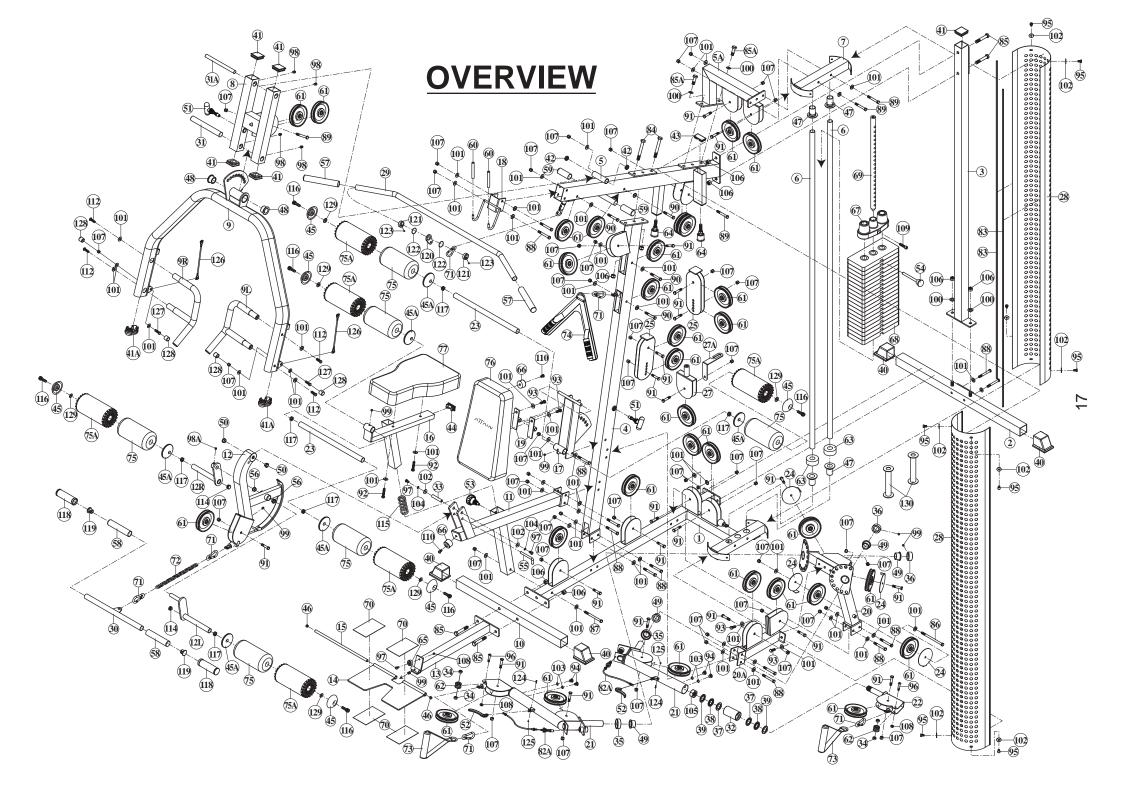


#### COMPLETE PARTS CHART DESCRIPTION QTY. NO. RED POP PIN CLUTCH LEVER OF CABLE ARM SPRING KNOB MAGNETIC SELECTOR PIN L PIN 3/4" BUSHING 1" X 200mm HAND GRIP 1" X 140mm HAND GRIP 1" X 70mm PRESS ARM STOPPER GRIP OF LAT BAR HOLDER (95mm) **PULLEY** SMALL PULLEY OF SWIVEL ARM RUBBER DONUT ADJUSTABLE STOPPER 1/2" STOPPER BACK BRACKET STOPPER OF THE STATE OF TH TOP PLATE 10 LB. PLATE SELECTOR ROD NON SLIP SNAP HOOK LOW ROW CHAIN HAND GRIP OF CABLE ARM 75A NEW AB CRUNCH FOAM PAD COVER OF FOAM PAD 75A BACK PAD SEAT PAD AB CRUNCH CABLE CABLE ARM CONNECTING CABLE TOP CABLE **⇔** 78 CABLE ARM CABLE HEAD OF CABLE ARM CABLE 82A CLUTCH CABLE BINDING OF WEIGHT SHROUD 1/2" X 4" HEX HEAD BOLT 1/2" X 3" HEX HEAD BOLT 1/2" X 1-1/4" HEX HEAD BOLT 85A 3/8" X 5-3/4" HEX HEAD BOLT 3/8" X 4-1/2" HEX HEAD BOLT 85A 3/8" X 3" HEX HEAD BOLT 3/8" X 2-3/4" HEX HEAD BOLT 3/8" X 2-1/2" HEX HEAD BOLT 3/8" X 1-3/4" HEX HEAD BOLT 3/8" X 1-3/4" HEX HEAD BOLT (ALL) 3/8" X 1" HEX HEAD BOLT (ALL) 3/8" X 1/2" ROUND BOLT 5/16" X 1/2" HEX HEAD BOLT (ALL) 5/16" X 1-1/2" HEX BOLT 5/16" X 5/8" INNER HEX SCREW 3/8" X 5/8" SET SCREW 98A 5/16" X 5/8" SET SCREW 98A 5/16" X 1/4" SET SCREW 1/2" WASHER \*Parts images are not to scale.

## COMPLETE PARTS CHART

<u>NO</u>	. DESCRIPTION	QTY.						
	3/8" WASHER	60	6		0	<b>©</b>		
	5/16" SMALLER WASHER	10	<b>6</b> )	<b>(</b>		9		400
103	3/8" SPRING WASHER	4	101	102	103	104	105	106
104	5/16" SPRING WASHER	2						
105	24mm NYLON NUT	2		<b>(</b> )	0		١	
106	1/2" NYLON NUT	8		₩		40	, (	
107	3/8" NYLON NUT	47	107	108	109	110	)	111
	5/16" NYLON NUT	3						
	TOP PLATE BOLT	1 2	•					_
110 111	3/8" X 3/4" INNER HEX SCREW ANKLE STRAP	1	<b>O</b>					<b>\$</b>
	3/8" X 1" INNER HEX SCREW	4	112	114	115	116	3	117
114	1" PLUG	2						
115	SPRING	1	0	<b>B</b>	P		<b>3</b>	0
116	5/16" X 1-1/4" SUNKEN HEAD SCREW			<b></b>	0	•	9	0
17		6	118	119	120	0 12	21	122
18	1-1/4" HAND GRIP	2						
19	1" T SHAPE END PLUG	2	<b>9</b>	<b>6</b>				<b>30</b>
20		1	123	124	125	-	126	3
21	COLLAR	2	123	124	120	,	120	,
22	SEALING RING	2				<b>@</b>		
123	M6 SET SCREW	2	(Ammuni)		6			
124	M5 X 18mm ROUND HEAD SCREW	2			0	<u>U</u>		
125	M5 NYLON NUT	2	127	128	129	130		
126	CONNECT CABLE	2						
127	3/8" X 1-1/4" HEX BOLT	2						
128		4						
129	o, 10 = 1110=11 11110=11	6						
130	WEIGHT STACK SPACER	2						

\*Parts images are not to scale.



#### Assembly is complete! Please take the following steps before using the gym:

- 1. Make certain all bolts are tightened securely.
- 2. Make certain all cables are seated into all pulley grooves. A cable rubbing against steel will peel the nylon coating, voiding warranty and resulting in a need for replacement.
- 3. Pre-stretch the cables. Put the Magnetic Selector Pin (54) in the bottom hole on the weight stack. Pull on the cables with great force, helping remove any kinks and providing any initial cable stretch.
- 4. Be aware the cables can loosen and slightly stretch upon initial use.
- 5. The cables should be adjusted as tight as possible, but no so tight as to lift the Top Plate (67) above the weight stack. Be certain to secure the jam nuts after adjustments are made.
- 6. For better performance, apply a household lubricant (such as silicone) to any adjustable areas and to the Guide Rods (6).
- 7. Enjoy many years of a Fit Lifestyle.

Thank you for purchasing the ATTAIN FITNESS HG1 MULTI GYM! If you have any questions or comments, please contact our customer service department at +1 877-551-7484 and info@attainfitnessusa.com. www.attainfitnessusa.com