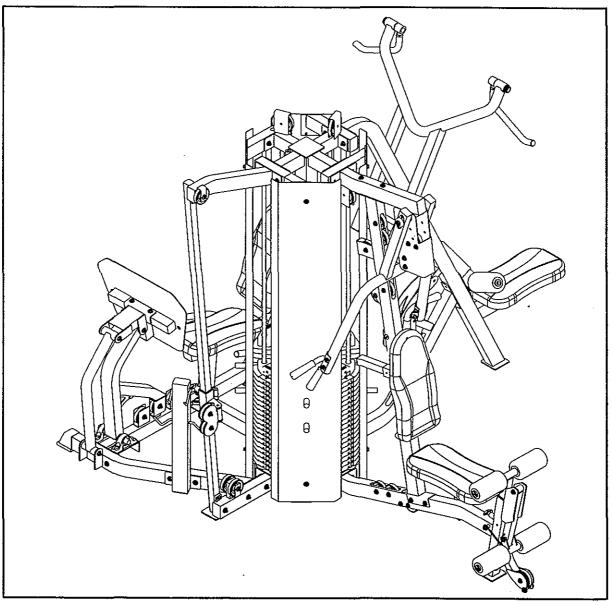
HOIST STEMS

H4400A



Note: Both Serial Number and Model Number are Required when Ordering Parts

RECORD SERIAL NUMBER HERE

Customer Service

(800) 548-5438

(619) 578-7676

 \underline{Fax}

 $(619) \ \overline{578} - 9558$

July~2002

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Step 1

Before beginning assembly please take the time to read the instructions thoroughly. Please use the catalog in this manual to make sure that all parts have been included in your shipment. When ordering use the part number and description from the catalog. Use only Hoist replacement parts when servicing. Failure to do so will void your warranty and could result in personal injury.

Hoist equipment is designed to provide the smoothest, most effective exercise motion possible. After assembly, you should check all functions to ensure correct operation. If you experience problems, first recheck the assembly instructions to locate any possible errors made during assembly. If you are unable to correct the problem, call your authorized Hoist dealer. Be sure to have your serial number and this catalog when calling. When all parts have been accounted for, continue on to Step 2.

SUGGESTED TOOLS

Socket Wrench

7/16", 1/2", 9/16", and 3/4" Sockets

Crescent Wrench

Ball End Allen Wrench Set (5/64" thru 1/4")

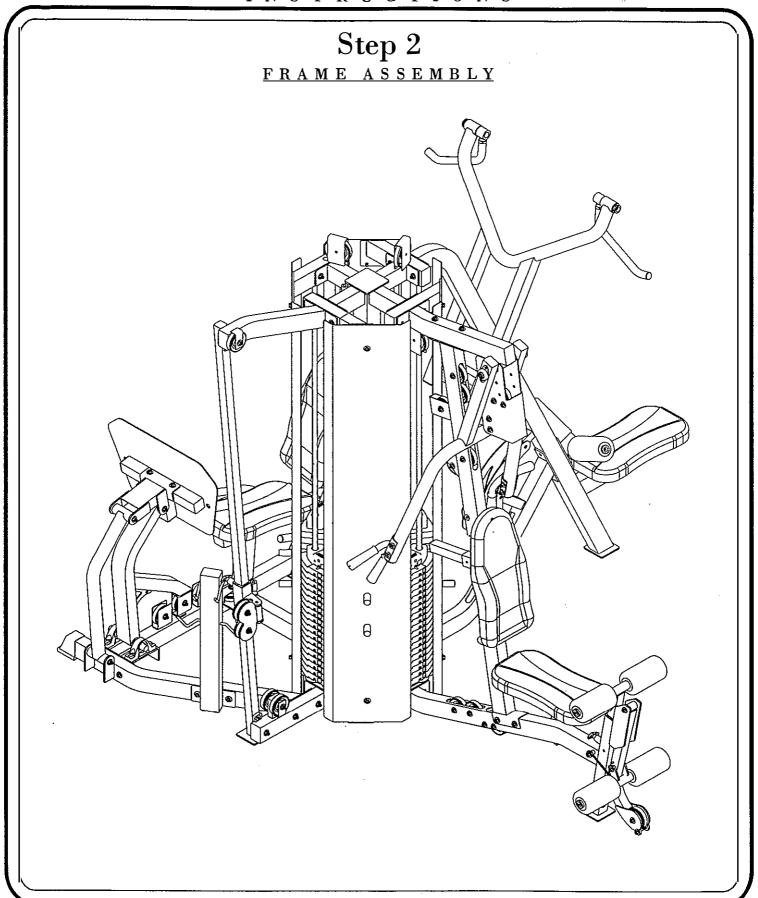
3/8-16 and 1/2-13 Tap

Rubber Mallet

Tape Measure



INSTRUCTIONS





Step 2a

FRAME ASSEMBLY

Start assembling your H4400 by sliding (3) on to (2) and fasten it into place. Next, attach (5) and (4) to (1). Hand Tighten bolts only, they will be tightened later. Insert (6) in each hole on the top of (4), slide one (7) on each (6), then slide on nineteen (8)'s. Then secure (9) to (64). Then slide both (9) and (64) onto both (6)'s. Insert (10) on to (6) and do not secure it, it will be secured in the following step. Insert (66) into (17). Attach (17) to (5), Wrench Tighten bolt until snug then back off ½ turn or enough to make sure (17) pivots freely. Wrench Tighten (20) to (5).

Part Descriptions

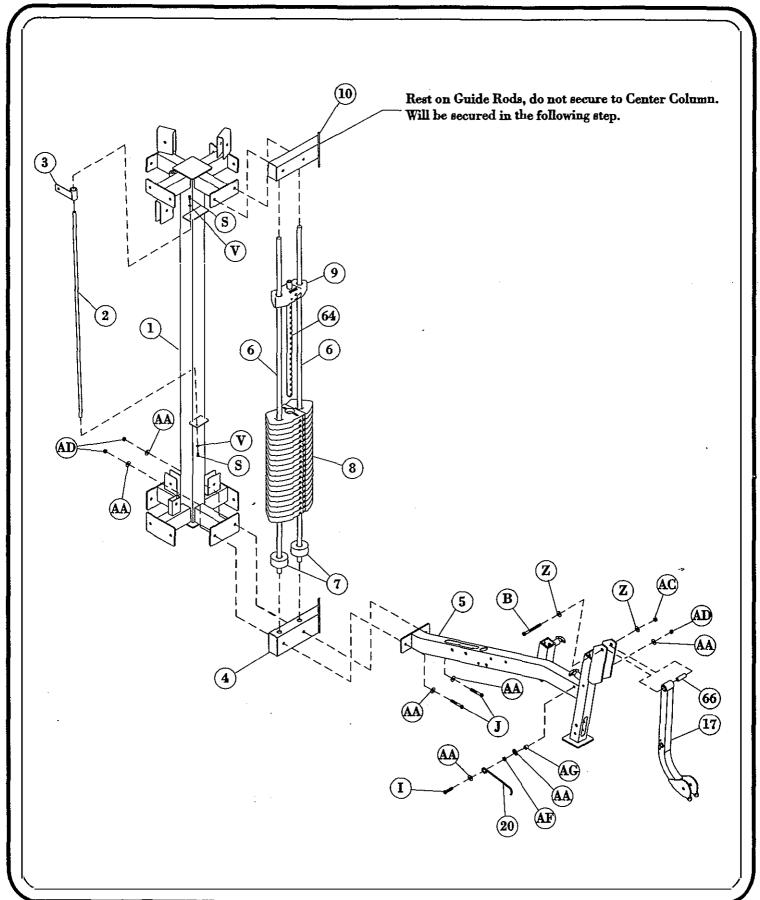
- 1 Center Column
- 2 Anti-Twist Bar
- 3 Anti-Twist Slide
- 4 Guide Rod Mount, Bottom
- 5 Bottom Tube
- 6 Guide Rod 3/4" Dia. x 73 11/32" Lg.
- 7 2 1/2"OD x 25/32" ID x 1H Rubber Bumper
- 8 10 LB Radial Design Cast Weight Plate
- 9 Cast Radial Top Weight
- 10 Guide Rod Mount Top (2 Hole)
- 17 Leg Press Extension Arm
- 20 Latch Hook
- 64 20 Hole Weight Stem
- 66 3/4" Dia. x 1 15/16 LG Axle

Hardware Descriptions

- B 1/2-13 x 3 1/4" Hex Bolt
- I 3/8-16 x 3 1/2" Hex Bolt
- $J 3/8-16 \times 3 1/4$ " Hex Bolt
- S 1/4-20 x 3/4" Hex Bolt
- V 1/4" Lock Washer
- Z 1/2" Flat Washer
- AA 3/8" Flat Washer
- AC 1/2" Nylok Nut
- AD 3/8" Nylok Nut
- AF 1/4" Spacer Sleeve
- AG 1/2" Spacer Sleeve



INSTRUCTIONS



Step 2b FRAME ASSEMBLY

Continue assembling your H4400 by attaching (18) to (12), <u>Wrench</u> <u>Tighten</u> bolts. Next, attach the Bottom of (12) to (5). Next attach (11) and (10) to (1). Secure the top of (12) to (11). <u>Hand Tighten</u> bolts only, they will be tightened later.

Part Descriptions

10 - Guide Rod Top Mount

11 - Bench Press Top Mount

12 - Pressing Side Upright

18 - Back Adjuster Mount

Hardware Descriptions

 $G - 3/8-16 \times 4$ "Hex Bolt

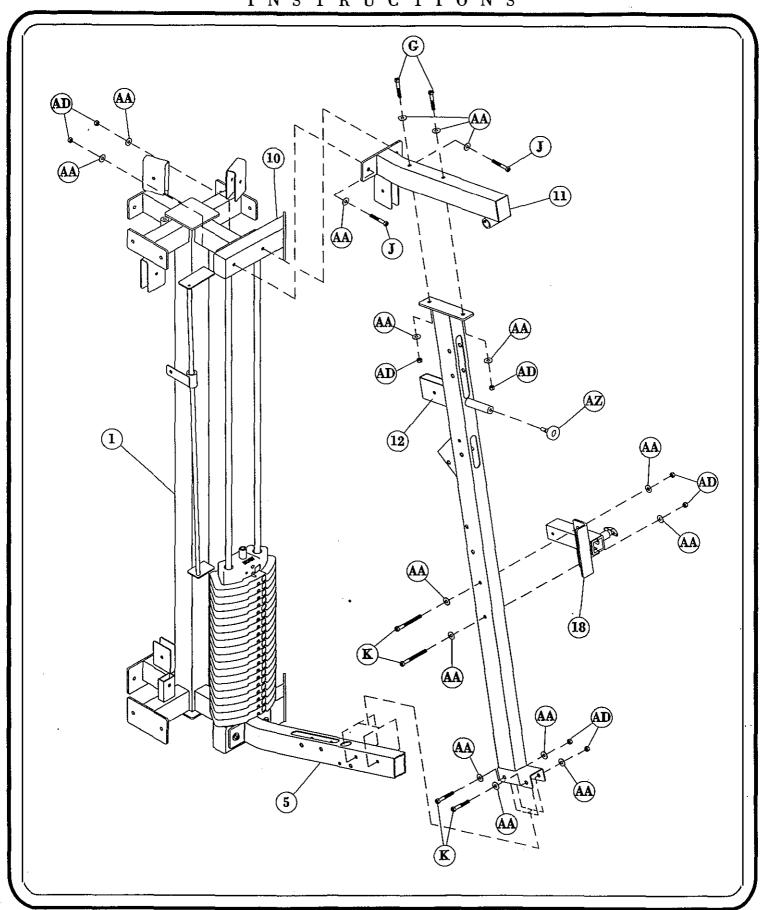
J - 3/8-16 x 3 1/4" Hex Bolt

 $K - 3/8 - 16 \times 3$ " Hex Bolt

AA - 3/8" Flat Washer

AD - 3/8" Nylok Nut

AZ - Adjustable Stop





Step 2c (HPA-1 Press Arm Option) -

FRAME ASSEMBLY

Align the assembled HPA-1 Press Arm Option and the R.O.M. to the Axle Mount on (11) and insert the Axle through all and center so equal amounts extend out each side. Attach Bearings (CB). Make sure the Press Arm is centered and can swing freely. Secure the Axle to the Axle Mount on (11) with Set Screws (BB).

Part Descriptions

11 - Bench Press Top Mount

Hardware Descriptions

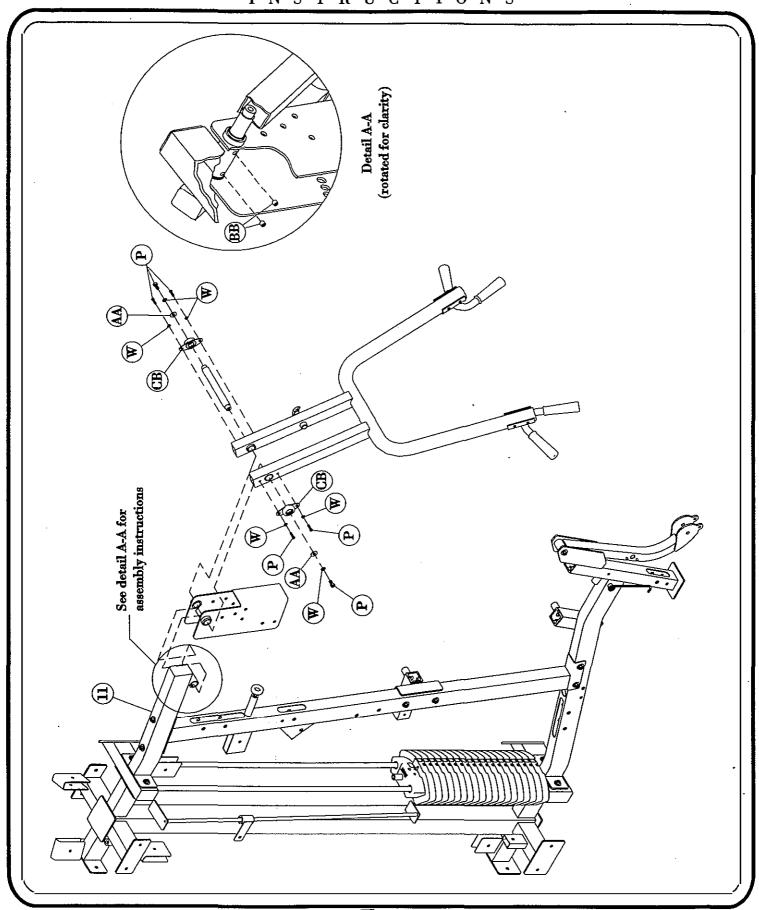
P - 3/8-16 x 3/4" Hex Bolt

W - 3/8" Lock Washer

AA - 3/8" Flat Washer

BB - Set Screw, 5/16"-18 x 5/16" L

CB - 2 Bolt Flange Mount Bearing





ASSEMBLY MANUAL

Step 2c (HPA-2 Press Arm Option)

FRAME ASSEMBLY

Align the assembled HPA-2 Press Arm Option to the Axle Mount on (11) and insert the axle through all and center so equal amounts extend out each side. Attach Bearings (CB). Make sure the Press Arm is centered and can swing freely. Secure the Axle to the Axle Mount on (11) with Set Screws (BB).

Part Descriptions

11 - Bench Press Top Mount

Hardware Descriptions

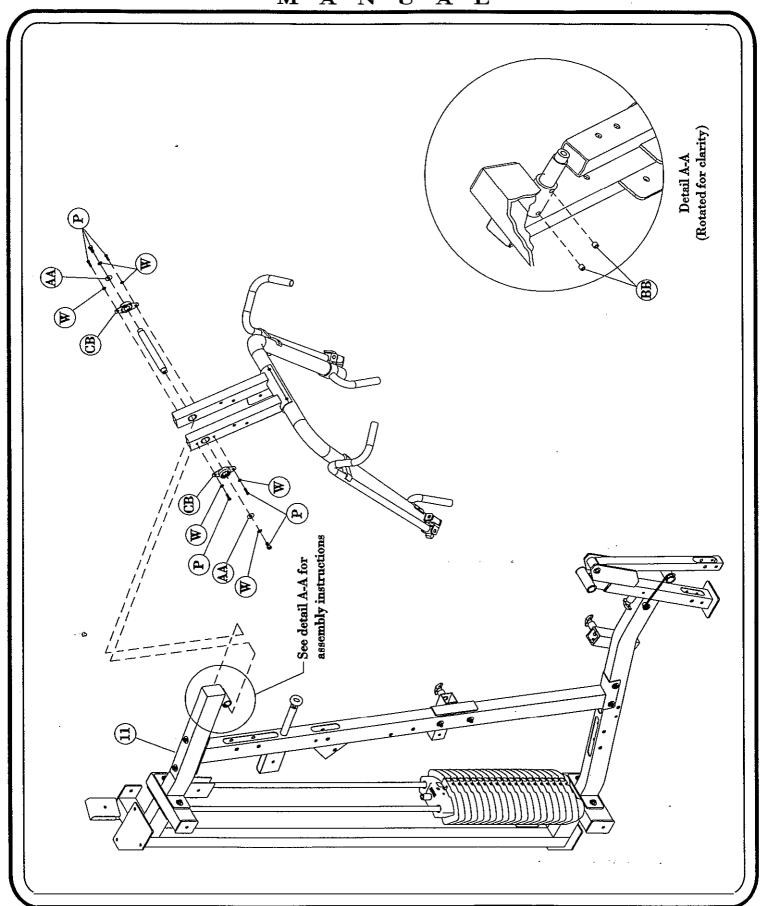
 $P - 3/8 - 16 \times 3/4$ " Hex Bolt

W - 3/8" Lock Washer

AA - 3/8" Flat Washer

BB - Set Screw, 5/16"-18 x 5/16" L

CB - 2 Bolt Flange Mount Bearing



Step 2d FRAME ASSEMBLY

In this step start by attaching two (23)'s together with (24) separating them. <u>Hand Tighten</u> Bolts only, they will be tightened later. Align (21) to the Axle Mount on (29) and insert shaft (22) through all and center so equal amounts extend out each side. Attach Bearings (CB). Make sure Top Arm (21) is centered and can swing freely. Secure Axle (22) to the Axle Mount on (29) with Set Screws (BB).

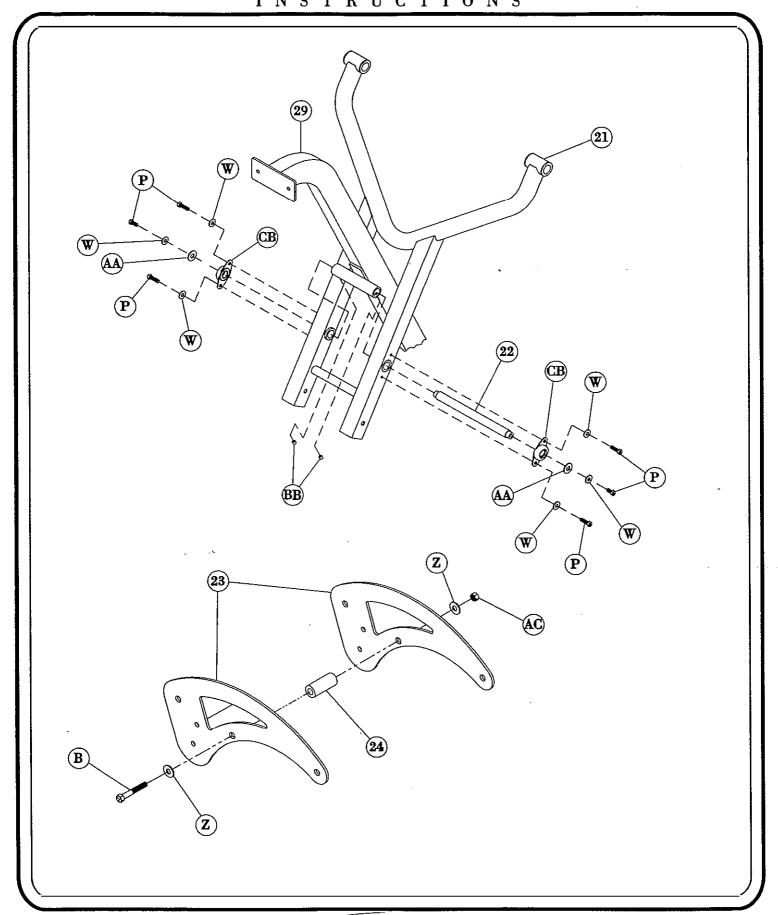
Part Descriptions

- 21 Top Arm
- 22 Pivot Shaft (Lat Top Arm) (12 1/2" LG)
- 23 Lat Pull Lower Arm
- 24 Lat Pull Lower Arm Spacer (2 5/16" LG)
- 29 Seated Assembly

Hardware Descriptions

- B 1/2-13 x 3 1/4" Hex Bolt
- $P 3/8 16 \times 3/4$ " Hex Bolt
- W 3/8" Lock Washer
- Z 1/2" Flat Washer
- AA 3/8" Flat Washer
- AC 1/2" Nylok Nut
- BB Set Screw, M8 x 1.25 x 8mm L
- CB 2 Bolt Flange Mount Bearing







Step 2e

FRAME ASSEMBLY

Continue assembling the H4400 by attaching (28) and (4) to (1). Insert (6) in each hole on the top of (4), slide one (7) on each (6). Slide on nineteen (8)'s. Then secure (9) to (64). Then slide both (9) and (64) onto both (6)'s. Now secure (31) and the top of (29) to the top of the (1). Attach (30) and the bottom of (29) to (28). Next, slide (27) into the top of (26) and secure to (21). Now attach two (25)'s to (21). Wrench Tighten all bolts. Secure the Bottom of (26) to (23), and attach (23) to (29). Wrench Tighten bolts until snug then back off ½ turn or enough to make them swing freely.

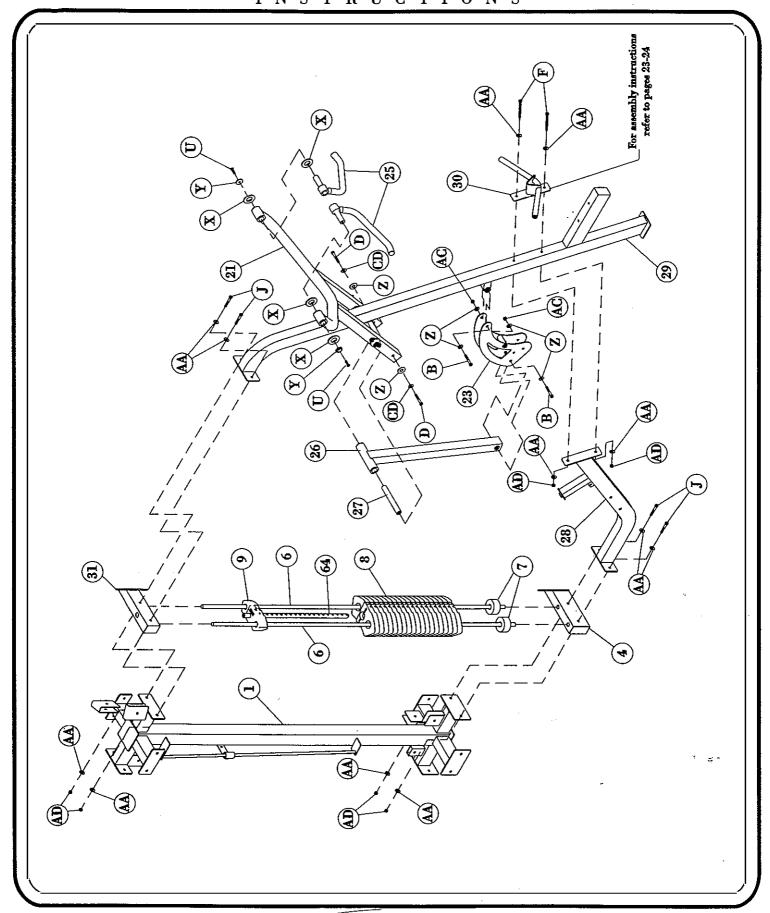
Part Descriptions

- 1 Center Column
- 4 Guide Rod Mount, Bottom
- 6 Guide Rod 3/4" Dia. x 73 11/32" Lg.
- 7 2 1/2" O.D. x 25/32"I.D. x 1"H Rubber Bumper J 3/8-16 x 3 1/4" Hex Bolt
- 8 10 LB Radial Design Cast Weight Plate
- 9 Cast Radial Top Weight
- 21 Top Arm
- 23 Lat Pull Lower Arm
- 25 Handle Assembly
- 26 Middle Arm
- 27 Pivot Shaft (Lat Top Arm) (7 1/2" LG)
- 28 Seated Assembly Support
- 29 Seated Assembly
- 30 Leg Support
- 31 Guide Rod Mount Top (3 Hole)
- 64 20 Hole Weight Stem

Hardware Descriptions

- B 1/2-13 x 3 1/4" Hex Bolt
- D 1/2-13 x 2 1/2" Hex Bolt
- F 3/8-16 x 4 1/4" Hex Bolt
- U 3/8-16 x 1" Flat Head Allen Screw
- X 1" Shim Washer
- Y 3/8" Flat Head Cap
- Z 1/2" Flat Washer
- AA 3/8" Flat Washer
- AC 1/2" Nylok Nut
- AD 3/8" Nylok Nut
- CD 1/2" Lock Washer







Step 2f

FRAME ASSEMBLY

Continue assembling the H4400 by sliding (48) into (35) and attach to (34). Wrench Tighten bolts. Slide this assembly on to (36). Now attach (32) and (4) to (1). Insert (6) in each hole on the top of (4), slide (7) on each (6). Slide on nineteen (8)'s. Secure (9) to (64). Then slide both (9) and (64) onto each (6). Insert (10) on to (6) then attach (10) and (33) to the top of (1). Secure the bottom of (36) to (32). The top of (36) will be attached to the top of (33) in later steps during cable installation. Attach two (37)'s to (36), one on each end. Wrench Tighten all bolts.

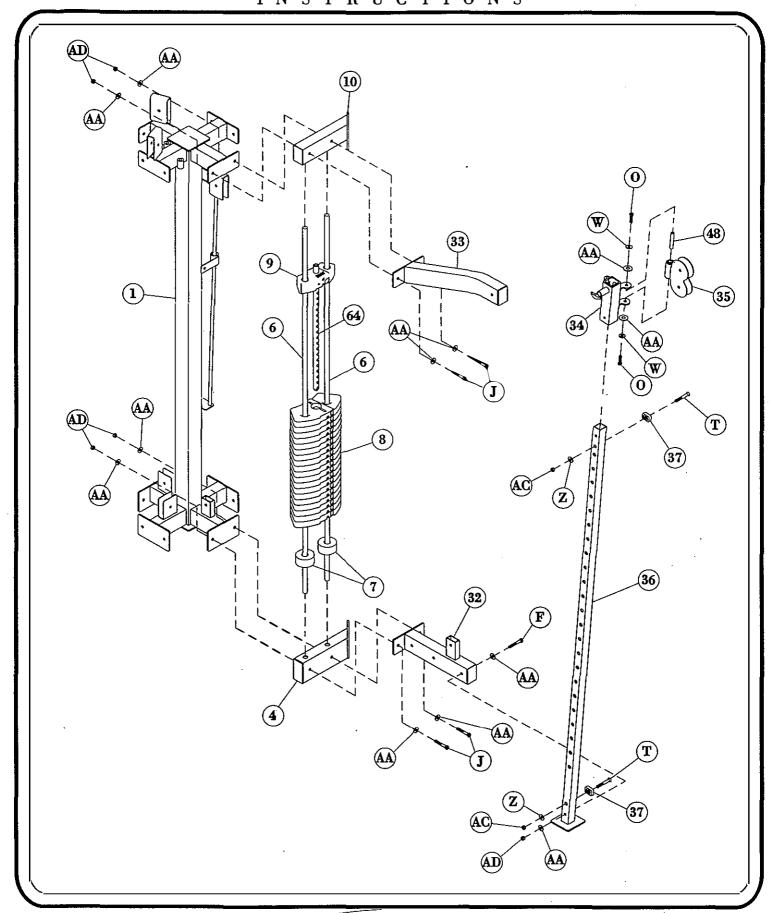
Part Descriptions

- 1 Center Column
- 4 Guide Rod Mount, Bottom
- 6 Guide Rod 3/4" Dia. x 73 11/32" Lg.
- 7 2 1/2" O.D. x 25/32"I.D. x 1"H Rubber Bumper T 1/2-13 x 2 1/2" Flat Head Allen Screw
- 8 10 LB Radial Design Cast Weight Plate
- 9 Cast Radial Top Weight
- 10 Guide Rod Mount Top (2 Hole)
- 32 Hi-Lo Lower Mount
- 33- Hi-Lo Top Mount
- 34 Adjuster
- 35 Pulley Mount
- 36 Adjuster Tube
- 37 Plastic Block
- 48 Pivot Shaft
- 64 20 Hole Weight Stem

Hardware Descriptions

- F 3/8-16 x 4 1/4" Hex Bot
- $J 3/8 16 \times 3 \frac{1}{4}$ " Hex Bolt
- O 3/8-16 x 1" Hex Bolt
- W 3/8" Lock Washer
- Z 1/2" Flat Washer
- AA 3/8" Flat Washer
- AC 1/2" Nylok Nut
- AD 3/8" Nylok Nut







Step 2g FRAME ASSEMBLY

Continue assembling the H4400 by attaching (38) and (4) to (1). Insert (6) in each hole on the top of (4), slide one (7) on each (6). Slide on nineteen (8)'s. Secure (9) to (64). Then slide both (9) and (64) onto both (6)'s. Slide (31) on (6) and secure to the (1). Next, attach (39) to (32). Secure (40) to (38) and (39). <u>Hand Tighten</u> bolts only, they will be tightened later. <u>Wrench Tighten</u> (41) and (42) to (40).

Part Descriptions

- 1 Center Column
- 4 Guide Rod Mount, Bottom
- 6 Guide Rod 3/4" Dia. x 73 11/32" Lg.
- 7 2 1/2" O.D. x 25/32" ID x 1"H Rubber Bumper
- 8 10 LB Radial Design Cast Weight Plate
- 9 Cast Radial Top Weight
- 31 Guide Rod Mount Top (3 Hole)
- 38 Leg Press Rear Mount
- 39- Leg Press Front Mount
- 40 Leg Press Seat Assembly
- 41 Leg Press Handle, Left
- 42 Leg Press Handle, Right
- 64 20 Hole Weight Stem

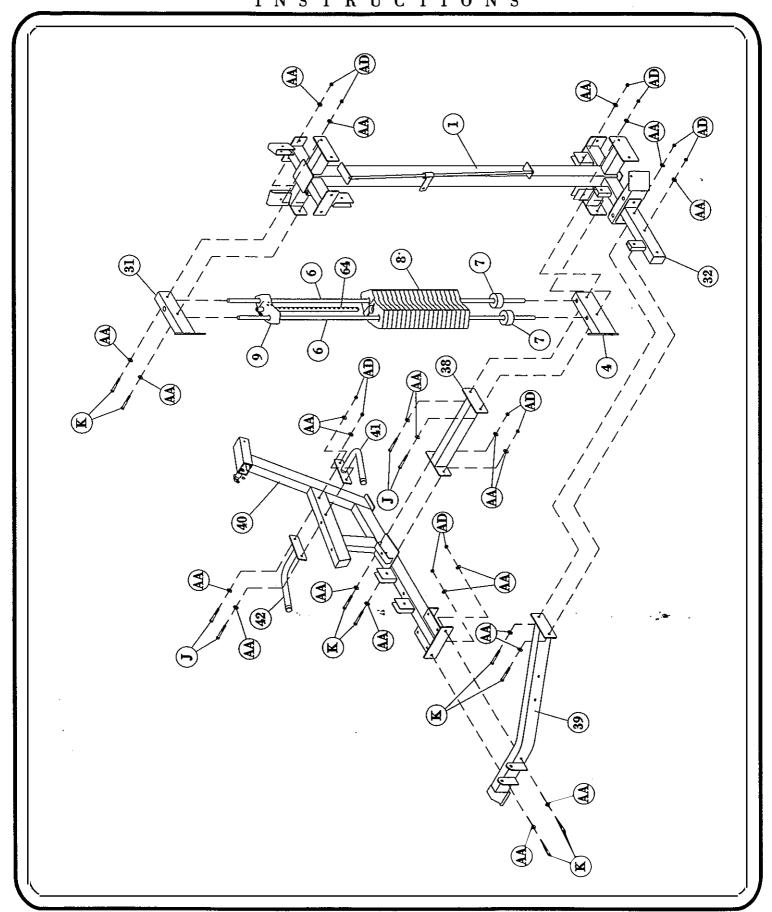
Hardware Descriptions

J - 3/8-16 x 3 1/4" Hex Bolt K - 3/8-16 x 3" Hex Bolt

AA - 3/8" Flat Washer

AD - 3/8" Nylok Nut







Step 2h

FRAME ASSEMBLY

Begin this step by centering (44) in the tube on the bottom of (43). Once you have it centered, <u>Wrench Tighten</u> the Set Screws to hold it in place. Next slide (CF)(Set Screw side first) onto (44) and bolt them to (40). Center and align (43) to (40); then, <u>Wrench Tighten</u> bolts and the Set Screws in (CF). Slide (AT) over the ends of (44).

Part Descriptions

43 - Forward Foot Rest Mount

44 - Axle Detail (7 51/64" LG)

Hardware Descriptions

 $N - 3/8 - 16 \times 1 \frac{1}{2}$ " Hex Bolt

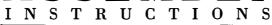
AA - 3/8" Flat Washer

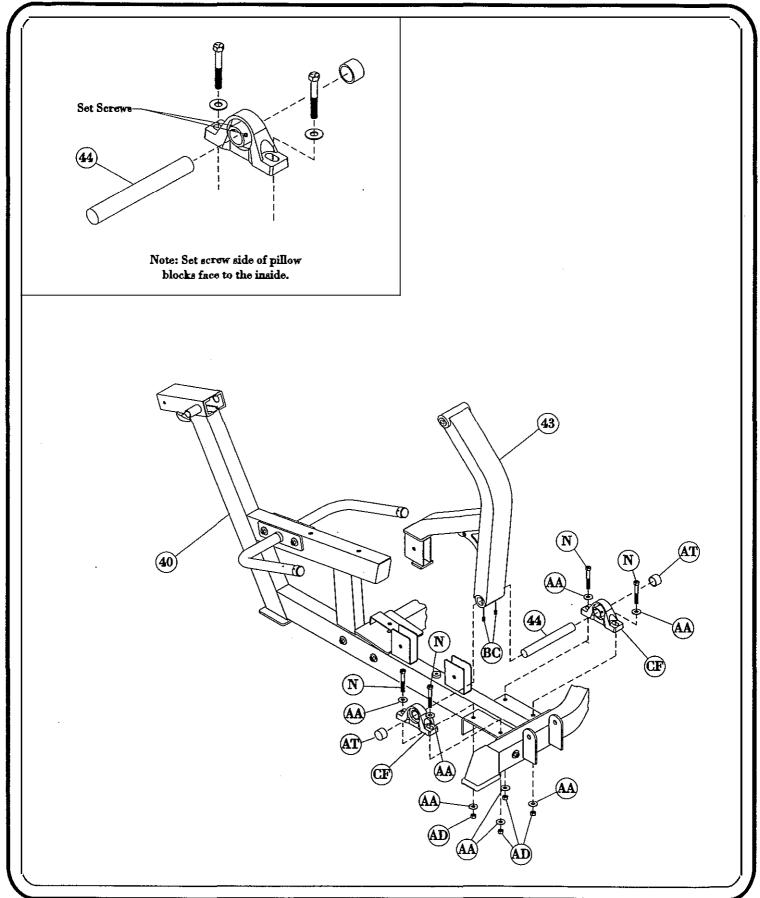
AD - 3/8" Nylok Nut

AT - 1" Dia. Round End Cap

CF - Pillow Block Bearing









Step 2i

FRAME ASSEMBLY

Begin this step by attaching (45) to (39). Next, secure (46) to both (43) and (45). <u>Wrench Tighten</u> all bolts until snug then back off ½ turn or until the Pivot moves freely. Now secure (47) to (46), <u>Wrench Tighten</u> bolts.

Part Descriptions

45 - Rear Foot Rest Mount

46 - Foot Rest Mount

47 - Foot Rest

Hardware Descriptions

A - 12-13 x 5" Hex Bolt

K - 3/8-16 x 3" Hex Bolt

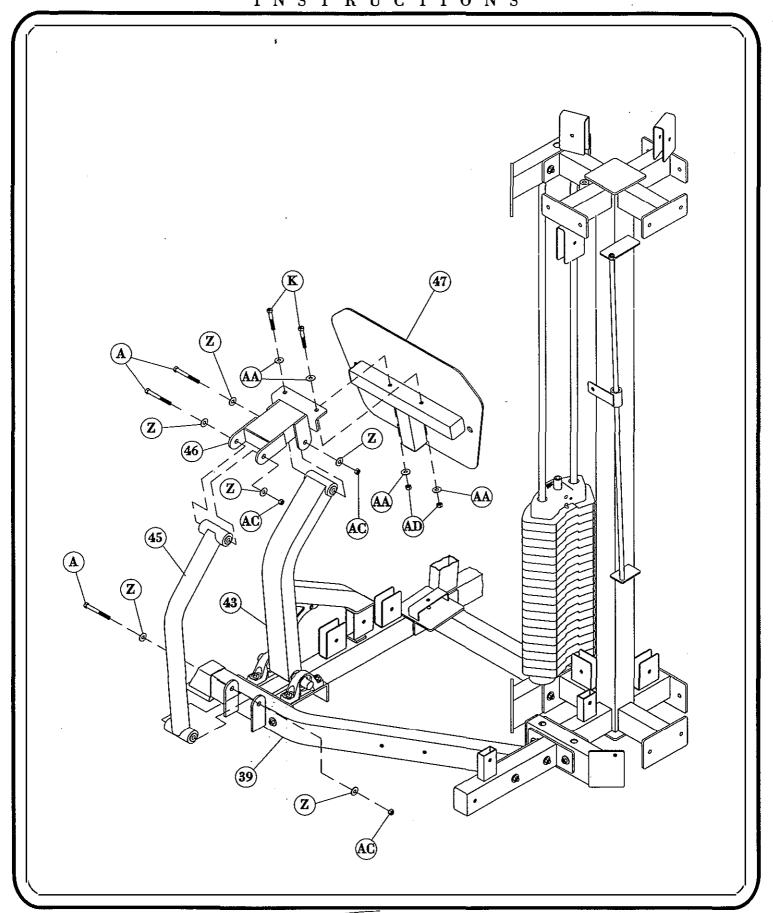
Z - 1/2" Flat Washer

AA - 3/8" Flat Washer

AC - 1/2" Nylok Nut

AD - 3/8" Nylok Nut







Step 2j

FRAME ASSEMBLY

Attach (65) to (55). <u>Wrench Tighten</u> (A) until snug then back off ½ turn or enough to make (65) swing freely. Continue assembling the Rollers and Pads as shown. <u>Wrench Tighten</u> bolts.

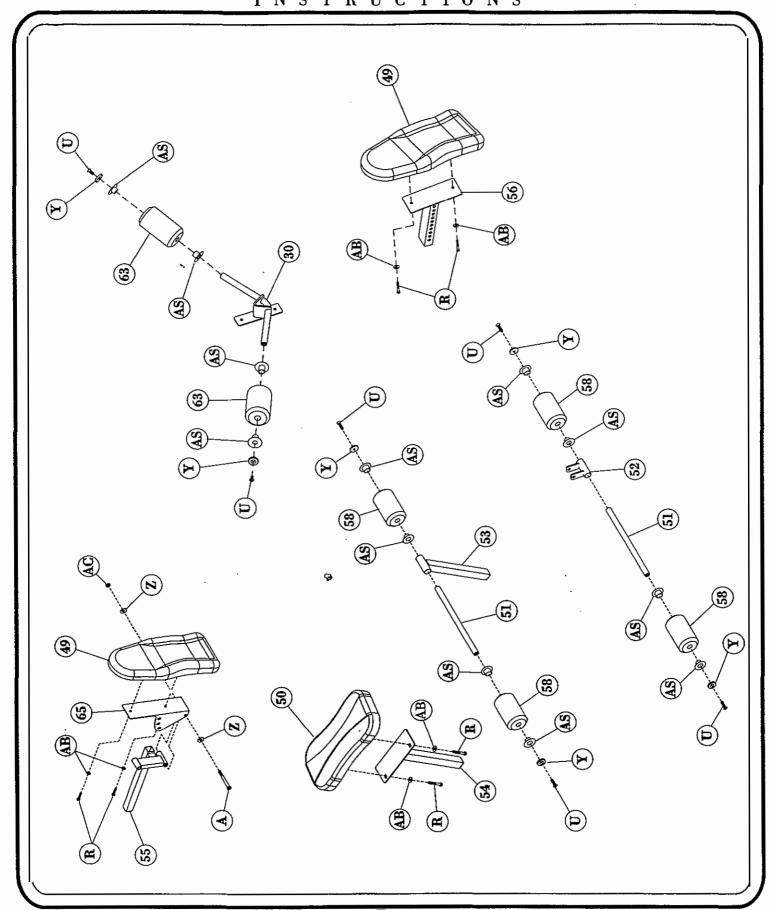
Part Descriptions

- 30 Leg Support
- 49 Upholstery Pad
- 50 Upholstery Pad
- 51 17 11/16 Leg Roller Bar
- 52 Leg Roller Pivot
- 53 Leg Roller Assembly
- 54 Seat Adjuster
- 55 Pad Adjuster for ROM
- 56 Leg Press Seat Adjuster
- 58 Roller Foam O.D. 4" x 7"L
- 63 Roller Foam OD. 4"x 8"L
- 65 Pad ROM

Hardware Descriptions

- A 1/2"-13 x 5" Hex Bolt
- R 5/16-18 x 1 1/4" Hex Bolt
- U 3/8-16 x 1" Flat Head Allen Screw
- Y 3/8" Flat Head Cap 1 3/8" x 5/16" THK
- Z 1/2" Flat Washer
- AB 5/16" flat Washer
- AS Roller Pad Bushing







Step 2k

FRAME ASSEMBLY

In this step attach (50) to (29). Wrench Tighten all bolts.

Part Descriptions

29 - Seated Assembly

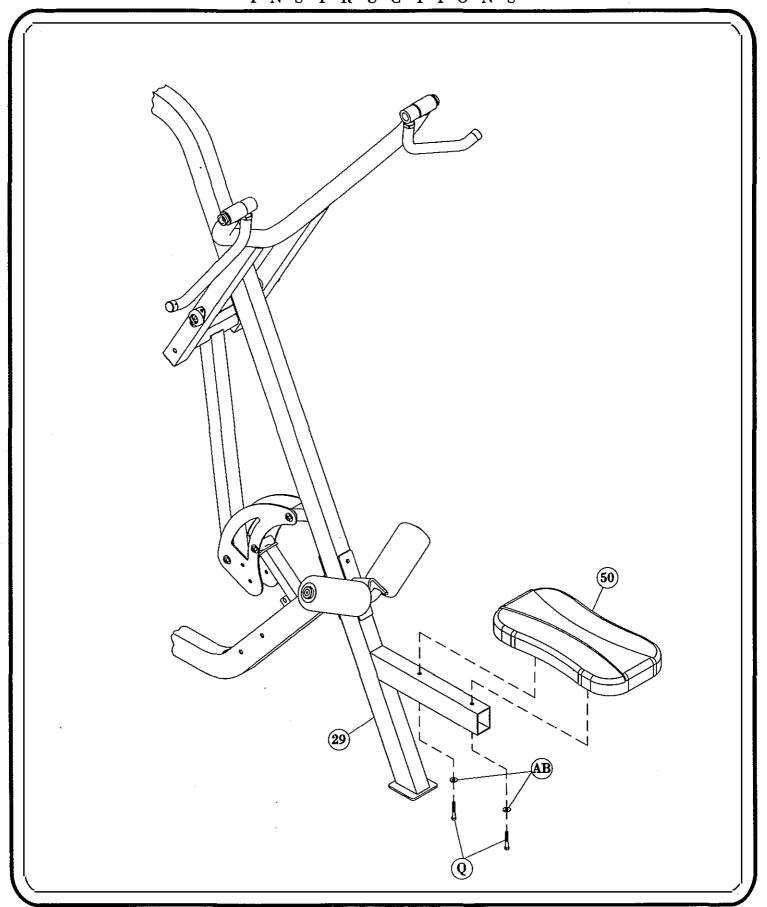
50 - Upholstery Pad

Hardware Descriptions

Q - $5/16-18 \times 4$ " Hex Bolt

AB - 5/16" Flat Washer







Step 21

FRAME ASSEMBLY

In this step insert the Pad Assemblies into their mounts. Attach (52) to (17) and Wrench Tighten bolt until snug then back off ½ turn or enough to make sure (52) pivots freely.

Part Descriptions

5 - Bottom Tube

12 - Pressing Side Upright

52 - Leg Roller Pivot

53 - Leg Roller Assembly

54 - Seat Adjuster

55 - Pad Adjuster for R.O.M

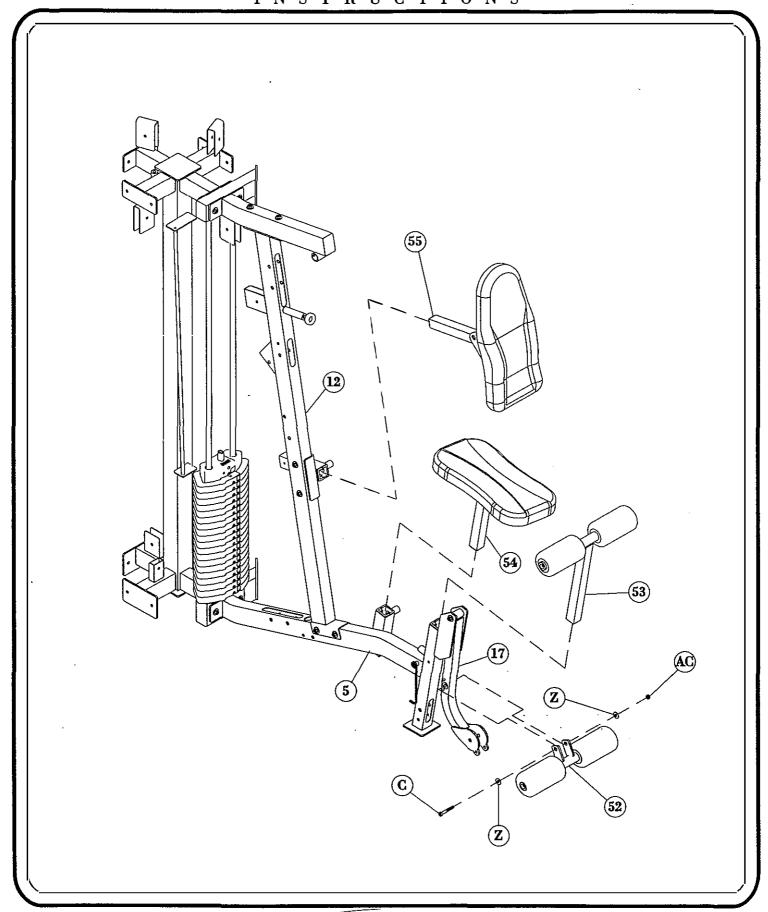
Hardware Descriptions

C - 1/2-13 x 2 3/4" Hex Bolt

Z - 1/2" Flat Washer

AC - 1/2" Nylok Nut







Step 2m

FRAME ASSEMBLY

In this step insert (56) into its mount and attach (49) to (40) and. <u>Wrench Tighten</u> all bolts.

Part Descriptions

40 - Leg Press Seat Assembly

50 - Upholstery Pad

56 - Leg Press Back Pad Adjuster

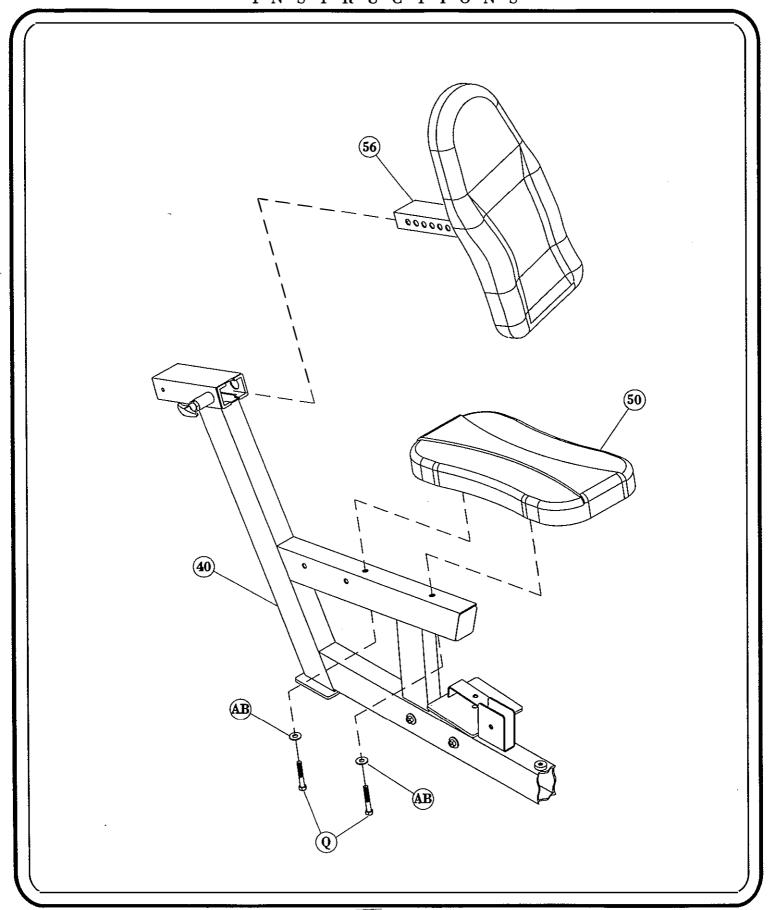
Hardware Descriptions

Q - $5/16-18 \times 4$ " Hex Bolt

AB - 5/16" Flat Washer



 $\mathbf{I} \ \mathbf{N} \ \mathbf{S} \ \mathbf{T} \ \mathbf{R} \ \mathbf{U} \ \mathbf{C} \ \mathbf{T} \ \mathbf{I} \ \mathbf{O} \ \mathbf{N} \ \mathbf{S}$



Step 2n

FRAME ASSEMBLY

Attach (57) to (39). Wrench Tighten bolts.

Part Descriptions

39 - Leg Press Front Mount

57 - Accessory rack

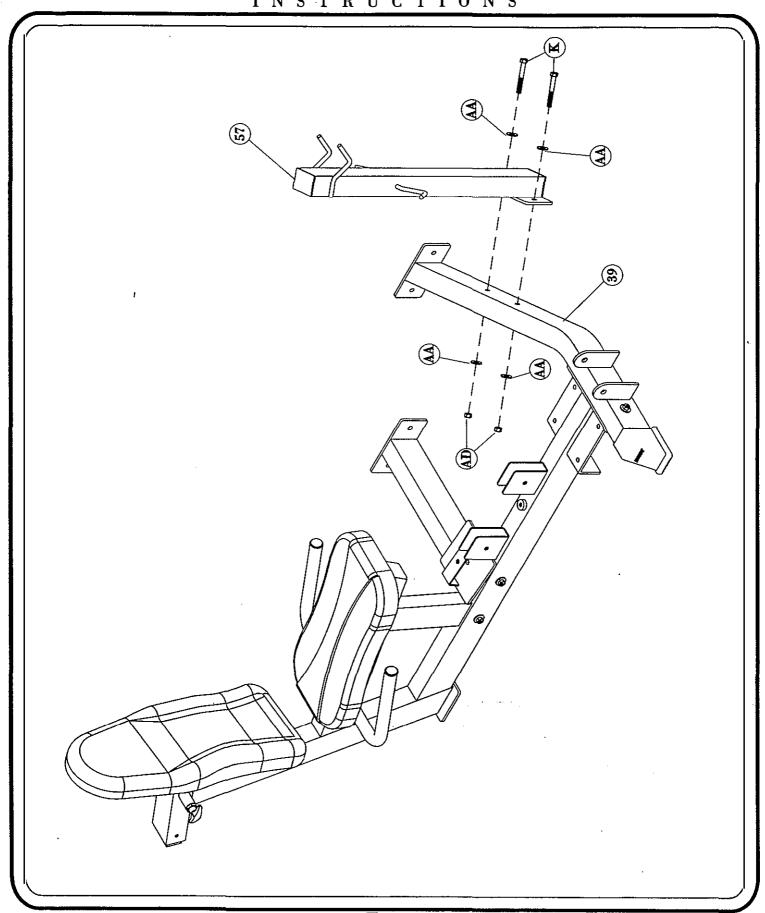
Hardware Descriptions

K - 3/8-16 x 3" Hex Bolt

AA - 3/8" Flat Washer

AD - 3/8" Nylok Nut

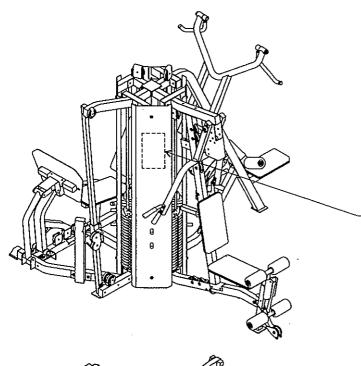






Step 4 SHIELD ASSEMBLY

Secure and <u>Wrench Tighten</u> two (61)'s to (62) and secure the bottom of (62) to (4). Next, secure (62) to (10). Repeat the process for all 4 shields. <u>Wrench Tighten</u> all bolts.



Part Descriptions

4 - Guide Rod Bottom Mount

10 - Guide Rod Top Mount

61 - Add-On Shield

62 - Shield

Shield with Hi-Lo/Bench Press Placard mounts in this position

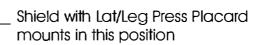
Hardware Descriptions

O - 3/8-16UNC x 1" Hex Bolt

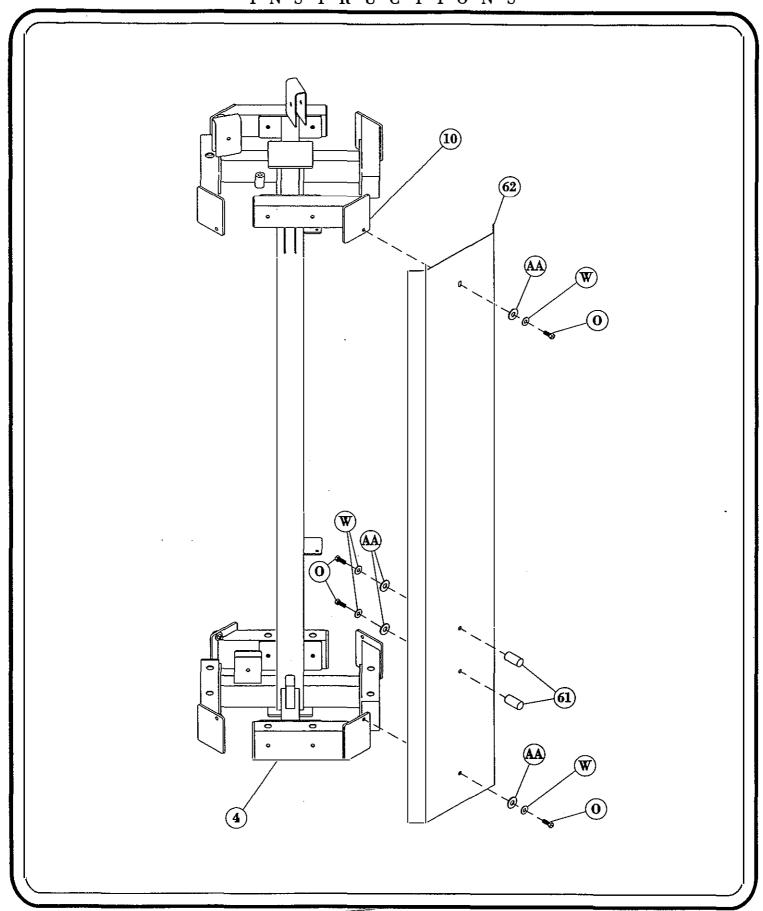
W - 3/8" Lock Washer

AA - 3/8" Flat Washer

AD - 3/8" Nylok Nut





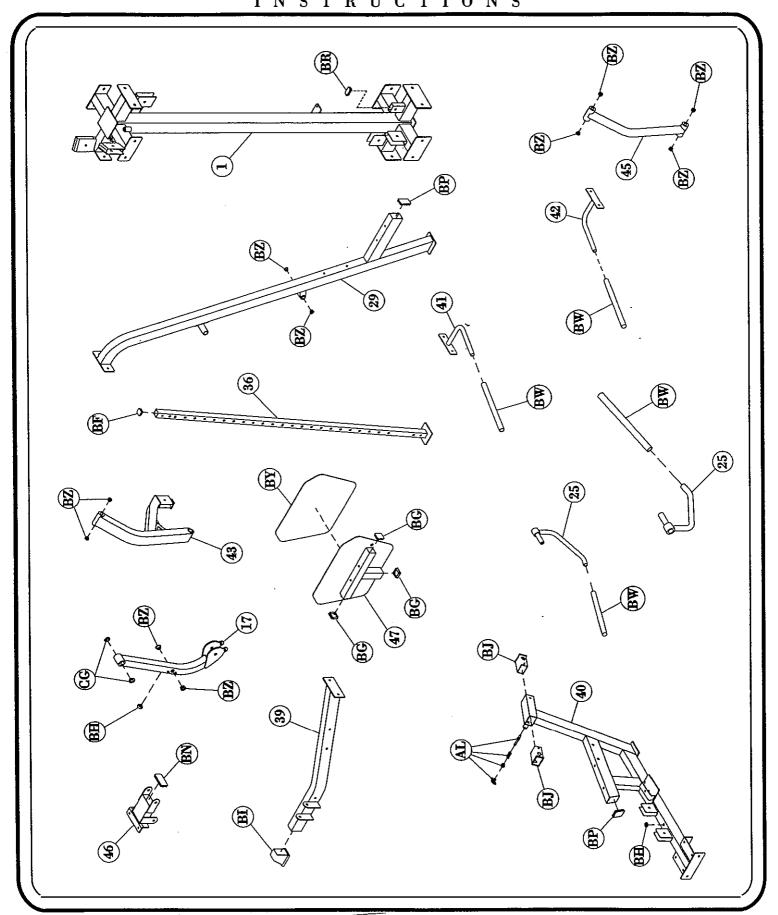


Step 5 PRE-ASSEMBLED PARTS

Part Descriptions

- AL Pull Pin
- BF Endcap 38mm sq.
- BG Endcap 50mm sq.
- BH Bumper 45mmL x 25mmW x 8mmT
- BI Foot Cap ID. 50mm x 75mm
- BJ Easy Glide Sleeve $50 \times 75 & 30 \times 60$
- BN Endcap 50mm x 100mm
- BP Elliptic Endcap 50mm x 75mm
- BR Endcap 25mm x 50mm
- BW Comfort Grip Dia. 25 x 345mm L
- BY Rubber Foot Pad
- BZ Bushing Dia. 19.3mm x 12.8mm x 18h
- CG 3/4" Flange Bearing -



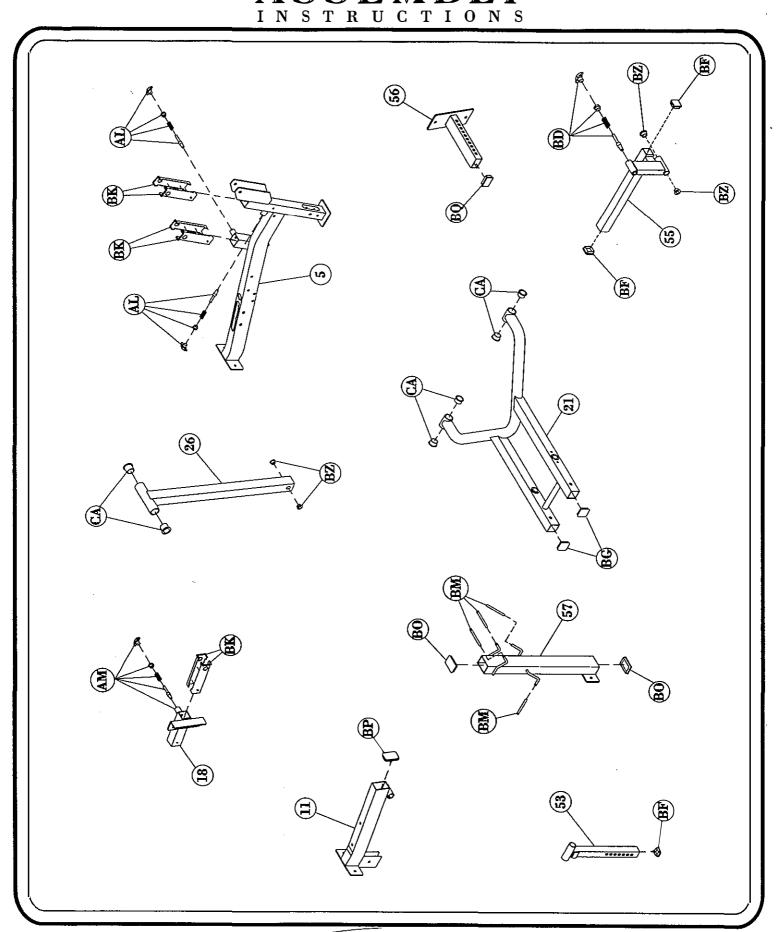


Step 5 PRE-ASSEMBLED PARTS

Part Descriptions

- AL Pull Pin
- AM Pull Pin (locking)
- BD Pull Pin
- BF Endcap 38mm sq.
- BG Endcap 50mm sq.
- BK Seat Sleeve 26.5mm x 49mm x 204mmL
- BM 3/8" x 5" Sleeve ID 10mm x 110mm
- BO Endcap 50mm x 70mm
- BP Elliptic Endcap 50mm x 75mm
- BQ Endcap 50mm x 75mm
- BZ Bushing Dia. 19.3mm x 12.8mm x 18h
- CA Bushing Dia. 35mm x 25.2mm x 20h



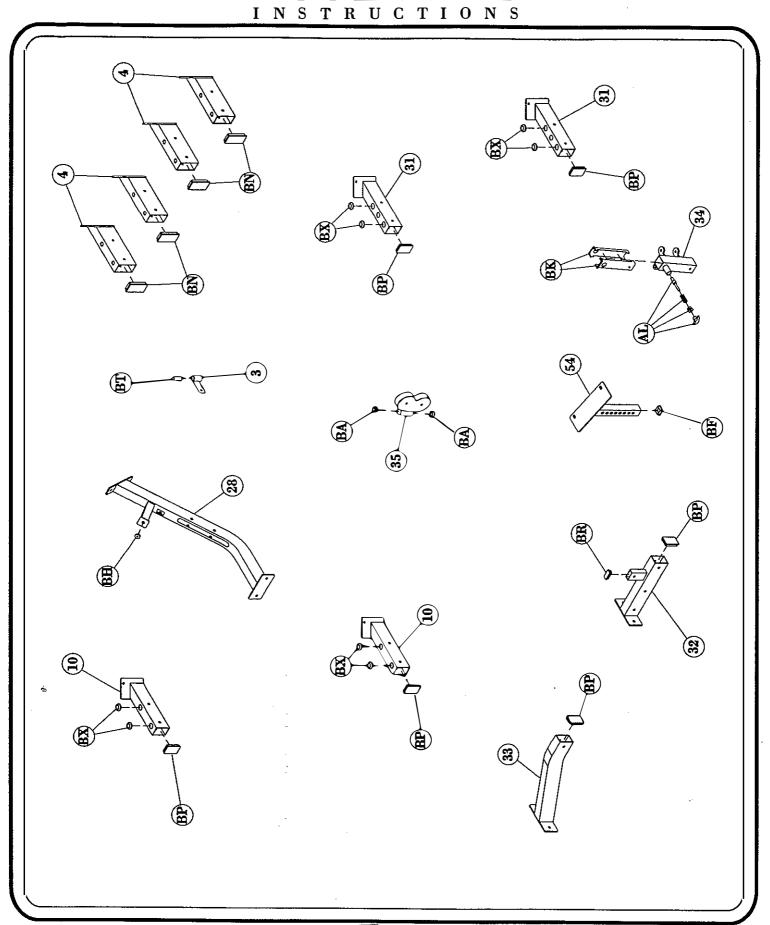


Step 5 PRE-ASSEMBLED PARTS

Part Descriptions

- AL Pull Pin
- BA Bearing Dia. 28.63mm x 12.5 x 11h
- BF Endcap 38mm sq.
- BH Bumper 45mm L x 25 W x 8 5 t
- BK Seat Sleeve 26.5mm x 49mm x 204mm L
- BN Endcap 50mm x 100mm
- BP Elliptic Endcap 50mm x 75mm
- BR Endcap 25mm x 50mm
- BT Plastic Sleeve Dia. 22mm x 15mm x 49mm L
- BX 3/4" Guide Rod Bushing Dia. 45mm x 18.5mm x 13mm H







PART LISTING

Key#	Ωŧν	Part Number	<u>Description</u>
	<u>Qty.</u>		
1	1	26-STD-4400-01	Center Column
2	1	26-STD-H310-13	Anti-Twist Rod
3	1	26-STD-H310-12	Anti-Twist Slide
4	4	26-STD-440004	Guide Rod Mount, Bottom
5	1	26-STD-4400-30	Bottom Tube
6	8	26-STD-4400-06	Guide Rod 3/4" x 73 11/32" LG
7 .	. 8	26-STD-06-0047	63.5mm x 20mm x 25.4mm H
8	81	26-STD-SW137	10LB Radial Cast Weight
9	4	26-STD-SWTOP9	Cast Radial Top Weight
10	2	26-STD-4400-03	Guide Rod Mount, Top (2 Hole)
11	1	26-STD-4400-28	Bench Press Top Mount
12	1	26-STD-H2200-15	Pressing Side Upright
17	4	026-01X1141	Lag Extention Arm
18	1 1	26-STD-H2200-16	Leg Extention Arm
10	, l	20-310-02200-10	Back Adjuster Mount
20	1	26-STD-05-0129	Latch Hook
21	1	26-STD-4400-13	Top Arm
22	1	26-STD-03-0308	Pivot Shaft (Lat Top Arm)
23	1	26-STD-4400-09	Lat Pull Lower Arm
24	1	26-STD-4400-11	Lat Pull Lower Arm/Spacer
25	1	26-STD-4400-14	Handle Assembly
26	1	26-STD-4400-10	Middle Arm
27	1	26-STD-03-0309	Pivot Shaft (Lat Lower Arm)
28	, 1	26-STD-4400-08	Seated Assembly Support
29	1	26-STD-4400-07	Seated Assembly
30	1	26-STD-4400-12	Leg Support
31	2	26-STD-4400-02	Guide Rod Mount, Top (3 Hole)
32	1	26-STD-4400-31	Hi-Lo Lower Mount
33	1	26-STD-4400-32	Hi-LoTop Mount
34	1	26-STD-4400-34	Adjuster
35	1	26-STD-4400-35	Top Arm
36	1	26-STD-4400-03	Adjuster Tube
37	2	26-STD-PLAS221	1/2" x 1 1/8" x 1 1/2" Plastic Block
38	1	26-STD-4400-19	Leg Press Rear Mount
39	1	26-STD-4400-18	Leg Press Front Mount
40	1	26-STD-4400-17	Leg Press Seat Assembly



PART LISTING

<u>Key</u> #	Qty.	Part Number	Description
41	1	26-STD-4400-20	Leg Press Handle, Left
42	1	26-STD-4400-21	Leg Press Handle, Right
43	1	026-01X1167	Arm Assembly
44	1	26-STD-03-0310	Axle Detail
45	1	26-STD-4400-24	Rear Foot Rest Mount
46	1	26-STD-4400-22	Foot Rest Mount
47	1	26-STD-4400-26	Foot Rest
48	1	26-STD-03-0307	Pivot Shaft
49	2	26-STD-07-0217-2	Uphostery Pad
50	3`	26-STD-07-0217-1	Uphostery Pad
51	2	26-STD-SX139	17 11/16 Leg Roller Bar
52	1	26-STD-H400-16	Leg Roller Pivot
53	1	26-STD-H210-11	Leg Roller Assembly
54	1	26-STD-H210-02	Seat Adjuster
55	1	26-STD-H2200-21	Pad Adjuster for R.O.M
56	1	26-STD-4400-27	Leg Press Back Pad Adjuster
57	1	26-STD-4400-36	Accessory Rack
58	4	17-RLR-7	Roller Foam 4" x 7"
59	5	26-STD-SP115	Cable Guard for 3 1/2" Pulley
60	4	26-STD-SX122	Single Adjuster Floating Pulley Bracket
61	8	26-STD-4400-05	Add-On Weight Mount
62	4	26-STD-SSH173	Shield
63	2	17-RLR-8	Roller Foam 4" x 8"
64	4	26-STD-SW139	20 Hole Weight Stem
65	1	26-STD-H2200-23	Pad R.O.M. Assembly
66	1	026-01M0635	3/4" DIA. x 1 15/16" LG Axle



HARDWARE LISTING

Key#	Qty.	Part Number	<u>Description</u>
Α	4	11-HEX-125	1/2"-13UNC x 5" Hex Bolt
В	4	11-HEX-12314	1/2"-13UNC x 3 1/4" Hex Bolt
C	1	11-HEX-12234	1/2"-13UNC x 2 3/4" Hex Bolt
D	2	11-HEX-12212	1/2"-13UNC x 2 1/2" Hex Bolt
E	1	11-HEX-38514	3/8"-16UNC x 5 1/4" Hex Bolt
F	3	11-HEX-38414	3/8"-16UNC x 4 1/4" Hex Bolt
G	2	11-HEX-384	3/8"-16UNC x 4" Hex Bolt
H	2	11-HEX-38334	3/8"-16UNC x 3 3/4" Hex Bolt
1	1	11-HEX-38312	3/8"-16UNC x 3 1/2" Hex Bolt
J	18	11-HEX-38314	3/8"-16UNC x 3 1/4" Hex Bolt
K	16	11-HEX-383	3/8"-16UNC x 3" Hex Bolt
L	16	11-HEX-38234	3/8"-16UNC x 2 3/4" Hex Bolt
M	18	11-HEX-382	3/8"-16UNC x 2" Hex Bolt
N	4	11-HEX-38112	3/8"-16UNC x 1 1/2" Hex Bolt
0	18	11-HEX-38(16)1	3/8"-16UNC x 1" Hex Bolt
P	12	11-HEX-3834	3/8"-16UNC x 3/4" Hex Bolt
Q	4	11-HEX-5164	5/6"-18UNC x 4" Hex Bolt
R	6	11-HEX-516114	5/6"-18UNC x 1 1/4" Hex Bolt
S	2	11-HEX-1434	1/4"-20UNC x 3/4" Hex Bolt
Т	2	11-FLA-12212	1/2"-13UNC x 2 1/2" Flat Head Allen Screw
U	8	11-FLA-381-N	3/8"-16UNC x 1" Flat Head Allen Screw, Nyloc Patch
V	2	13-LOK-14	1/4" Lock Washer
W	30	13-LOK-38	3/8" Lock Washer
X	4	26-STD-05-0153	1" Shim Washer
Y	8	26-STD-05-0154	3/8" Flat Head Cap 1 3/8 x 5/16 THK
Z	22	13-FLT-12	1/2" Flat Washer
AA	161	13-FLT-38	3/8" Flat Washer
AB	10	13-FLT-516	5/16" Flat Washer
AC	11	12-LOK-12	1/2" Nylok Nut
AD	81	12-LOK-38	3/8" Nylok Nut
AF	1	14-SPC-3814	1/4" Spacer Sleeve
AG	1	14-SPC-3812	1/2" Spacer Sleeve
AH	2	14-SPC-3858	5/8" Spacer Sleeve
Al	4	20-SNP-14	Snap Link Dia 7mm x 70mm L
AJ	1	26-STD-05-0131	Chain Dia. 5.5 x 35 L
AĶ	24	26-STD-08-0010	1/2" Flanged Spacer



HARDWARE LISTING

<u>Key #</u>	Qty.	Part Number	Description
AL	4	26-STD-11-0018	Pull Pin
AM	1	26-STD-11-0004	Pull Pin (Locking)
AO	4	26-STD-08-0011	1" Spacer Dia. 16mm x Dia. 10mm x 25mmL
AR	8	26-STD-03-0311	Add-On Weight Holder Dia. 25.4mm x 50mm L
AS	12	26-STD-06-0254	Roller Pad Bushing
AT	2	26-STD-06-0188	Round Outside Endcap ID 1"
AV	33	26-STD-06-0024	3 1/2" Pulley
AW	5	26-STD-06-0025	4 1/2" Pulley
AZ	1	26-STD-05-0035	Bumper Dia. 29.5mm x 11mm H
вА	2	26-STD-05-0156	Bearing Dia. 28.63mm x 12.5mm x 11mm H
ВВ	4	11-SET-8833	M8 x 1.25mm x 8mm L Set Screw
ВС	2	11-SET-38(16)38	3/8"-16UNC x 9.5mm L Set Screw
BD	1	26-STD-11-0033	Pull Pin
BF	5	26-STD-06-0136	Endcap 38mm sq.
BG	5	26-STD-06-0075	Endcap 50mm sq.
вн	3	26-STD-06-0129	Bumper 45mm L x 25 W x 8.0mm THK
ВІ	1	26-STD-06-0150	Foot Cap ID. 50mm x 70mm
BJ	2	26-STD-06-0149	Easy Slide Sleeve 50mm x 70mm and 30mm x 60mm
ВК	8	26-STD-06-0135	Seat Sleeve 26.5mm x 49mm x 240 L
вм	4	26-STD-06-0046	3/8" x 5" Sleeve ID. 10mm x 110mm
BN	5	26-STD-06-0192	Endcap 50mm x 100mm
во	2	26-STD-06-0108	Endcap 50mm x 75mm
BP	9	26-STD-06-0193	Elliptic Endcap 50mm x 75mm
BQ	1	26-STD-06-0077	Endcap 30mm x 60mm
BR	2	26-STD-06-0055	Endcap 25mm x 50mm
ВТ	1	26-STD-06-0171	Plastic Sleeve Dia. 22mm x 15mm x 49mm L
BW	4	19-GRP-78COMFORT	Comfort Grip ID. ID 25 x 345L
вх	8	26-STD-06-0166	3/4" Guide Rod Bushing Dia.45mm x 18.5mm x 13mm H
BY	1	26-STD-10-0117	Rubber Footpad
BZ	14	26-STD-08-0026	Bushing Dia.19.3mm x 12.8mm x 18mm H
CA	6	26-STD-08-0032	Bushing Dia. 35mm c 25.2mm x 20mm H
СВ	4		Flange Mount Bearing
CD	2	13-LOK-12	1/2" Lock Washer
CF	2		Pilow Block Bearing
CG	2	014-0005001	3/4" DIA. Flange Bearing



CABLE LISTING

<u>Key #</u>	Qty.	Part Number	<u>Description</u>
CH	1	26-STD-13-0061-1	Cable #1, Leg Extension Cable-4059mm (159 13/16")
CI	1	26-STD-13-0061-2	Cable #2, Chest Press Cable-4680mm (184 1/4")
CJ	1	26-STD-13-0061-3	Cable #3, Pull Down #1 Cable-1935mm (76 3/16")
CK	1	26-STD-13-0061-4	Cable #4, Pull Down #2 Cable-2713mm (106 13/16")
CL	1	26-STD-13-0061-5	Cable #5, Hi-Lo #1 Cable-8223mm (323 3/4")
CM	1	26-STD-13-0061-6	Cable #6, Hi-Lo #2 Cable 1357mm (53 7/16")
CN	1	26-STD-13-0061-7	Cable #7, Leg Press #1 Cable-2870mm (113")
CO	1	26-STD-13-0061-8	Cable #8, Leg Press #2 Cable-1935mm (76 3/16")

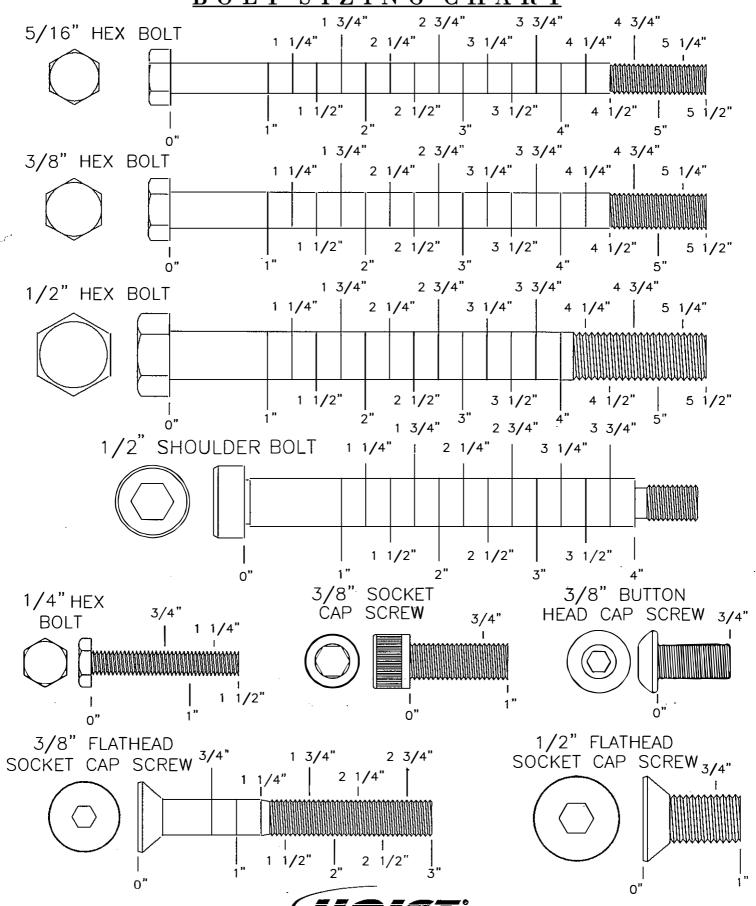
ACCESSORIES

Qty.	<u>Part Number</u>	<u>Description</u>
1	26-STD-04-0622	Revolving Curl Bar
2	26-STD-12-0019	Strap Handle
1	26-STD-12-0020	Ankle Strap
1	26-STD-12-0025	AB Strap



OWNERS

BOLT SIZING CHART



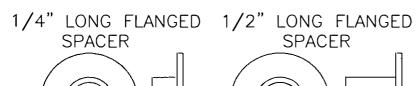
OWNERS

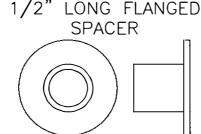
WASHER SIZING CHART

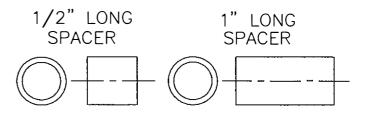
1" LONG HEAVY FLANGED SPACER









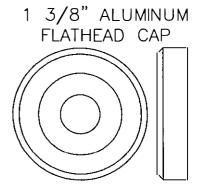


1/4" LÓCK **WASHER**









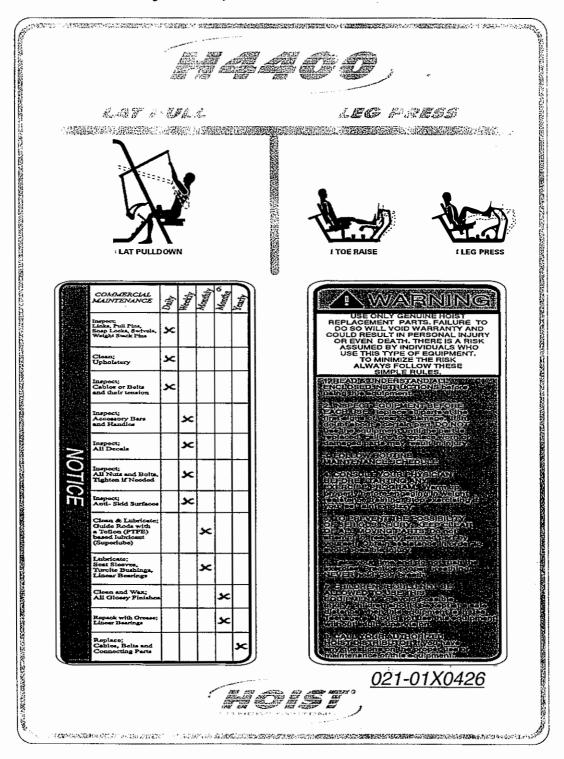
WASHER SIZING CHART

5/16" 1/2" 1/2" 3/8" FLAT WASHER FLAT WASHER FLAT WASHER FLAT SMALL, SAE, 26mm LARGE, USS, 25mm LARGE, USS, 34mm WASHER 1 5/8" ALUMINUM 1" SHIM WASHER 3/8" FENDER WASHER FLATHEAD CAP 1 1/16' FENDER WASHER PLASTIC 1 1/16" FENDER WASHER



DECAL REFERENCE

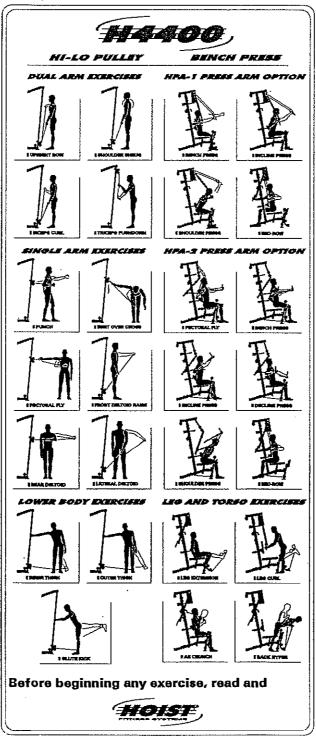
These decals have been attached to this piece of equipment to provide information regarding operation, safety and maintenance. Before use, take the time to read these decals.





DECAL REFERENCE

These decals have been attached to this piece of equipment to provide information regarding operation, safety and maintenance. Before use, take the time to read these decals.



<u>021-0013075</u>



DECAL REFERENCE

These decals have been attached to this piece of equipment to provide information regarding operation, safety and maintenance. Before use, take the time to read these decals.

This Product may be covered by one or more of the following Patents

5,236,406

5,401,227

5,681,247

5,938,574

Other Patents Pending



021-0003119

<u>021-0003173</u>



021-0003108

SERIAL # DECAL; Always refer to the number shown on your piece of equipment when talking to customer service or ordering parts.



Step 3a

CABLE #1 INSTALLATION

Part Descriptions

60 - Single Adjustable Floating Pulley Bracket

Hardware Descriptions

L - 3/8-16 x 2 3/4" Hex Bolt

M - 3/8-16 x 2" Hex Bolt

AA - 3/8" Flat Washer

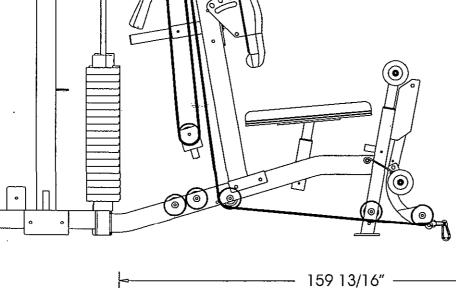
AD - 3/8" Nylok Nut

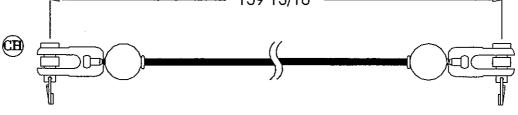
AI - Snap Link

AK - 1/2" Flanged Spacer

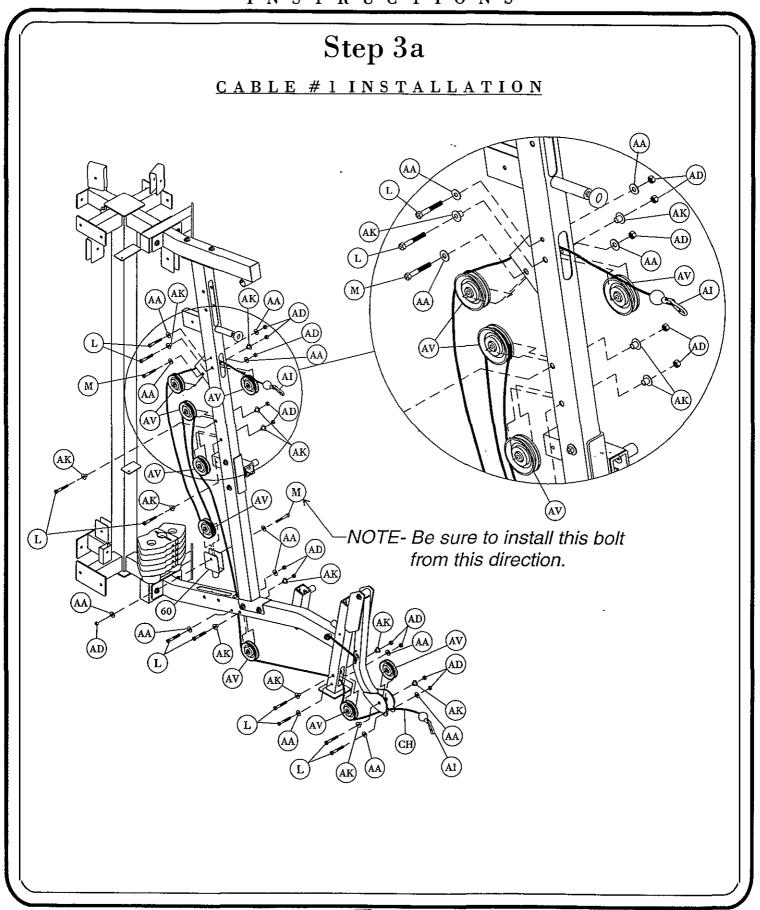
AV - 3 1/2" Pulley

CH - Cable #1, (Leg Extension Lower)

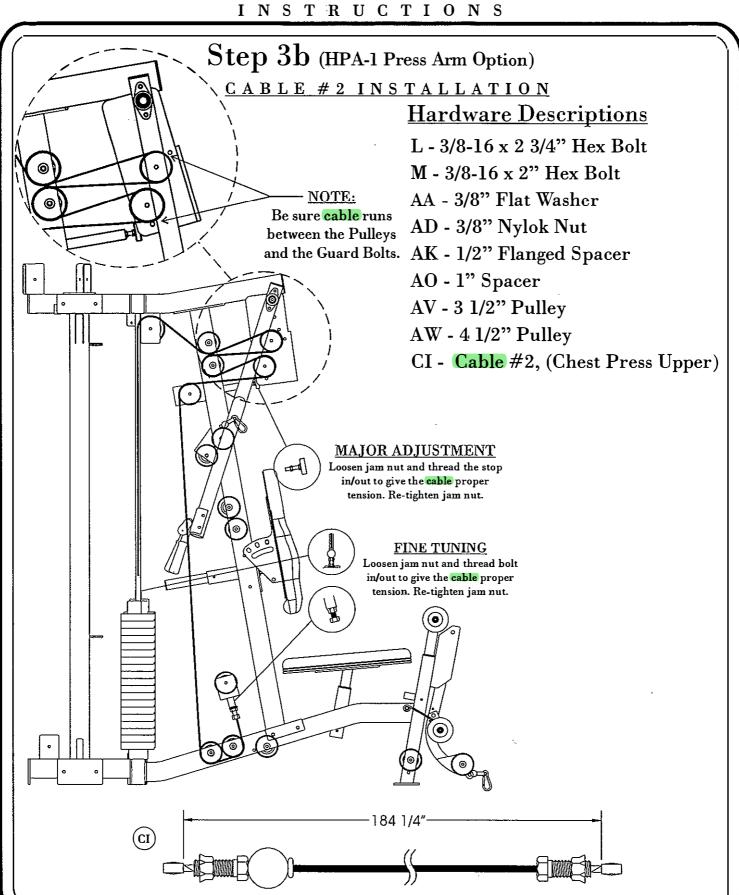






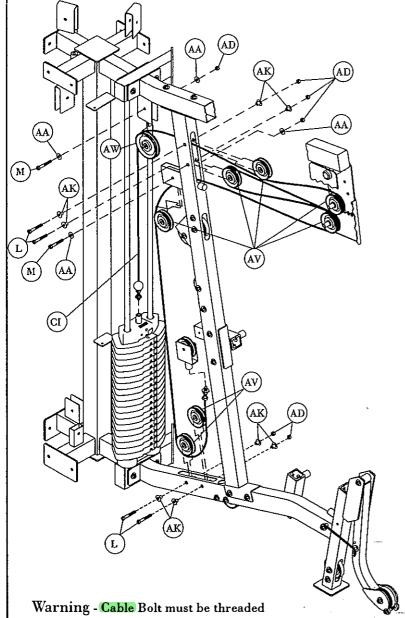


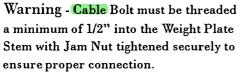


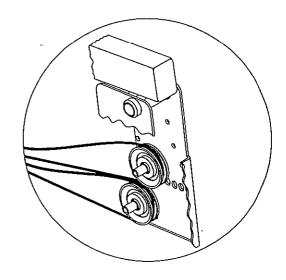


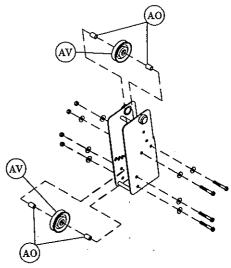
$Step \ 3b \ (\texttt{HPA-1 Press Arm Option})$

CABLE #2 INSTALLATION



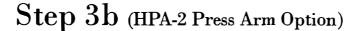






The bolts, washers & nuts for the pulleys in the R.O.M. are included with the Press Arm Option.

INSTRUCTIONS



CABLE #2 INSTALLATION

Hardware Descriptions

L - 3/8-16 x 2 3/4" Hex Bolt

M - 3/8-16 x 2" Hex Bolt

AA - 3/8" Flat Washer

AD - 3/8" Nylok Nut

AK - 1/2" Flanged Spacer

AO - 1" Spacer

AV - 3 1/2" Pulley

AW - 4 1/2" Pulley

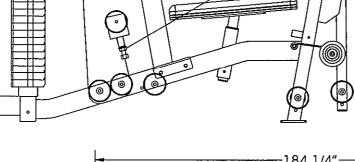
CI - Cable #2, (Chest Press Upper)

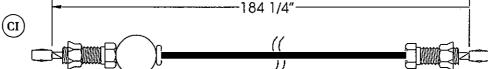
MAJOR ADJUSTMENT

Loosen jam nut and thread the stop in/out to give the cable proper tension. Re-tighten jam nut.

FINE TUNING

Loosen jam nut and thread bolt in/out to give the cable proper tension. Re-tighten jam nut.





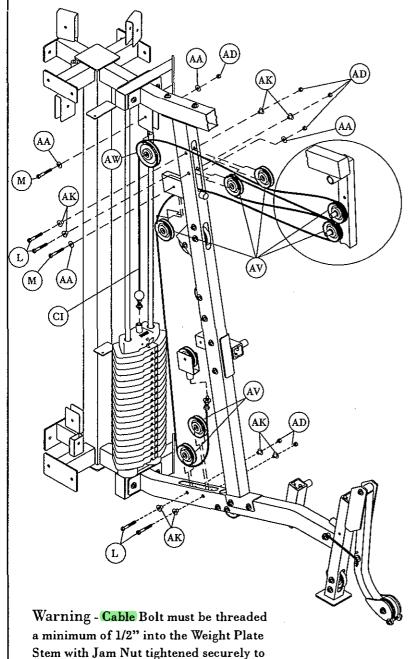
NOTE:
Be sure cable runs

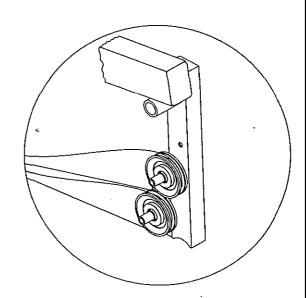
between the Pulleys

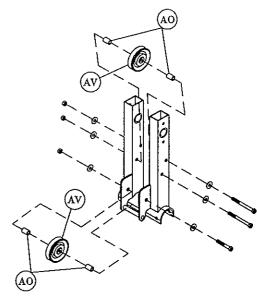
and the Guard Bolts.

$Step~3b~({\tt HPA-2~Press~Arm~Option})$

CABLE #2 INSTALLATION







The bolts, washers & nuts for the pulleys in the Press Arm are included with the Press Arm Option.

ensure proper connection.

INSTRUCTIONS

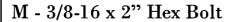
Step 3c

CABLE #3 INSTALLATION

Part Descriptions

60 - Single Adjustable Floating Pulley Bracket

Hardware Descriptions



AA - 3/8" Flat Washer

AD - 3/8" Nylok Nut

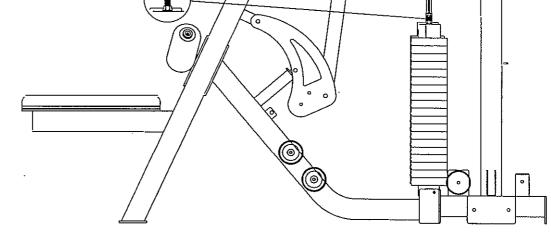
AV - 3 1/2" Pulley

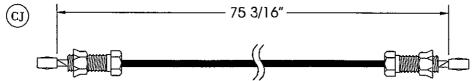
AW - 4 1/2" Pulley

CJ - Cable #3, (Pulldown Upper)

FINE TUNING

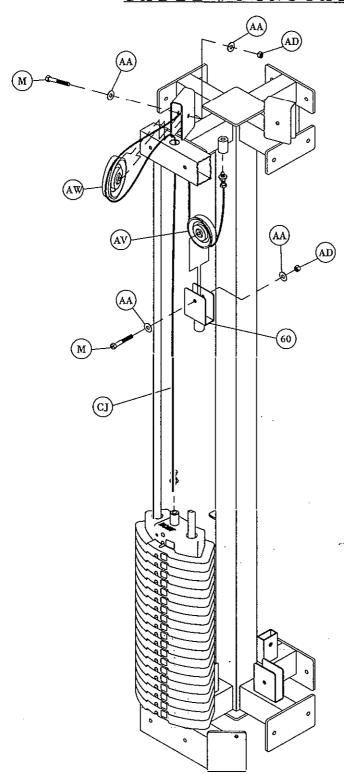
Loosen jam nut and thread bolt in/out to give the cable proper tension. Re-tighten jam nut.





Step 3c

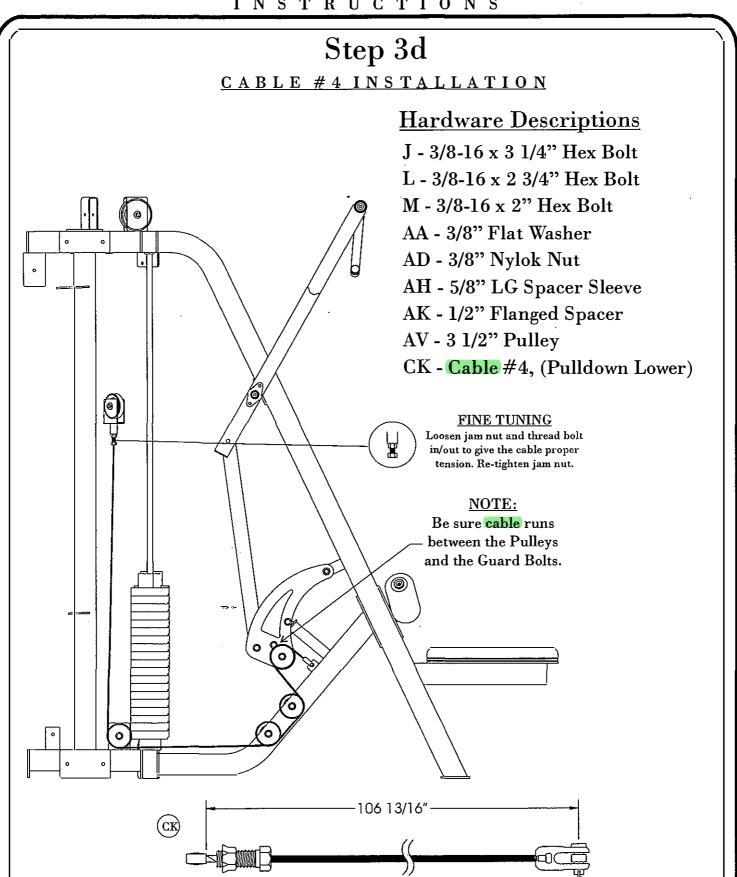
CABLE #3 INSTALLATION



Warning - Cable Bolt must be threaded a minimum of 1/2" into the Weight Plate Stem with Jam Nut tightened securely to ensure proper connection.



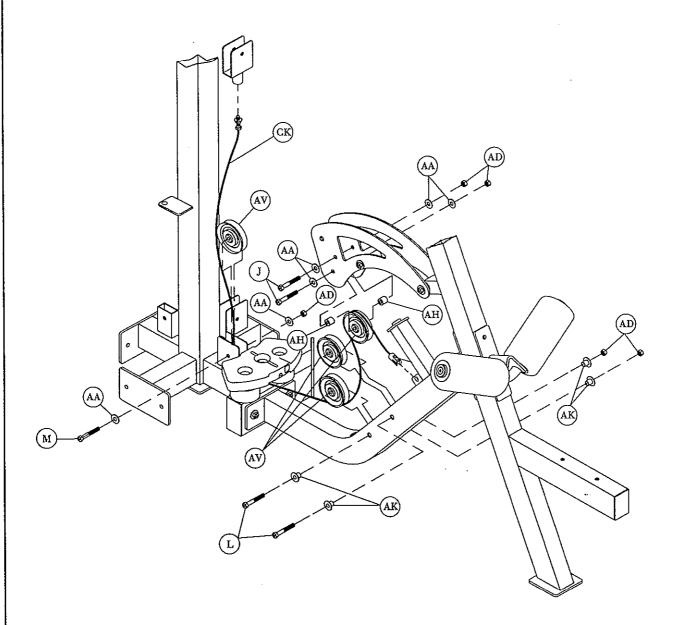
INSTRUCTIONS





Step 3d

CABLE #4 INSTALLATION

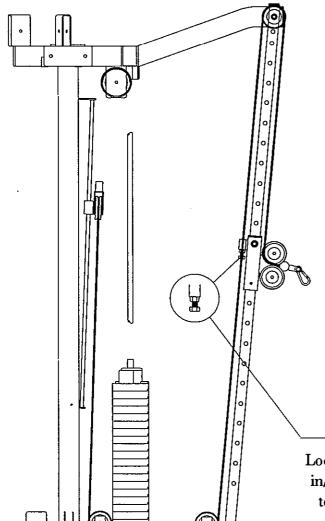


Warning - Cable Bolt must be threaded a minimum of 1/2" into the Weight Plate Stem with Jam Nut tightened securely to ensure proper connection.



INSTRUCTIONS

Step 3e



Part Descriptions

59 - Cable Guard for 3 1/2" Pulley

Hardware Descriptions

E - 3/8-16 x 5 1/4" Hex Bolt

H - $3/8-16 \times 3 3/4$ " Hex Bolt

 $M - 3/8 - 16 \times 2$ " Hex Bolt

AA - 3/8" Flat Washer

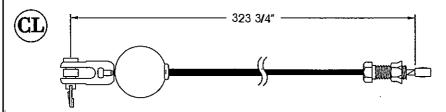
AD - 3/8" Nylok Nut

AV - 3 1/2" Pulley

CL - Cable # 5, (Hi-Lo Lower)

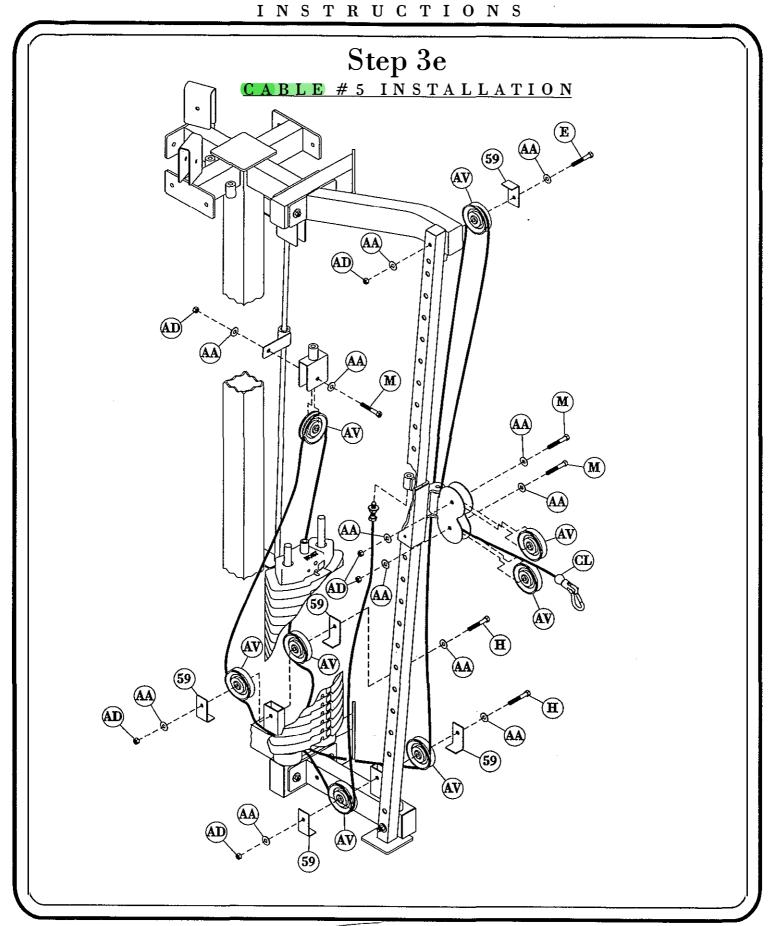
FINE TUNING

Loosen jam nut and thread bolt in/out to give the cable proper tension. Re-tighten jam nut.



Warning - Cable Bolt must be threaded a minimum of 1/2" into the Weight Plate Stem with Jam Nut tightened securely to ensure proper connection.

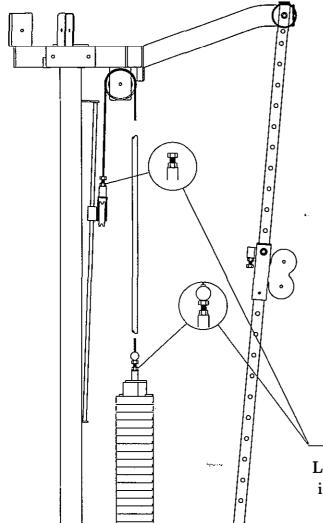






INSTRUCTIONS





Hardware Descriptions

 $M - 3/8-16 \times 2$ " Hex Bolt

AA - 3/8" Flat Washer

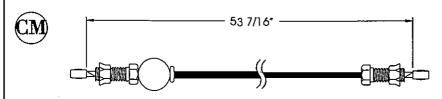
AD - 3/8" Nylok Nut

AW - 4 1/2" Pulley

CM - Cable # 6, (Hi-Lo Weight Stack)

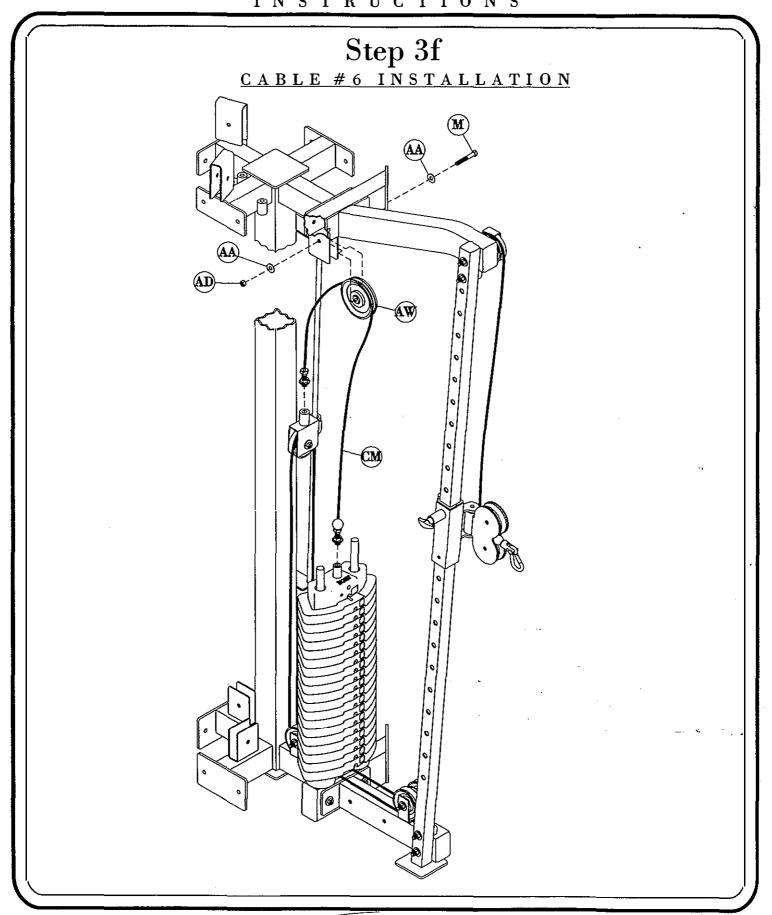
FINE TUNING

Loosen jam nut and thread bolt in/out to give the cable proper tension. Re-tighten jam nut.



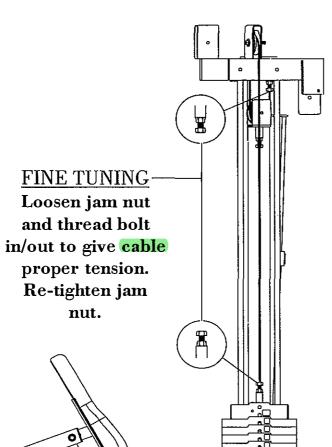
Warning - Cable Bolt must be threaded a minimum of 1/2" into the Weight Plate Stem with Jam Nut tightened securely to ensure proper connection.











Hardware Descriptions

M - $3/8-16 \times 2$ " Hex Bolt

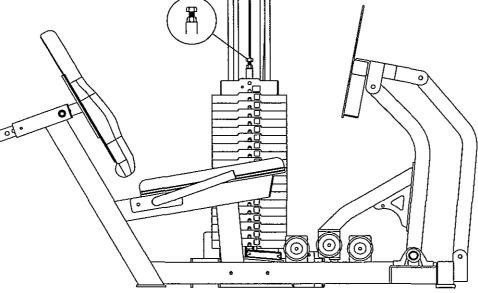
AA - 3/8" Flat Washer

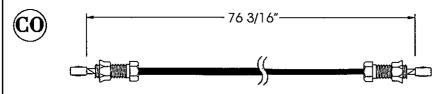
AD - 3/8" Nylok Nut

AV - 3 1/2" Pulley

AW - 4 1/2" Pulley

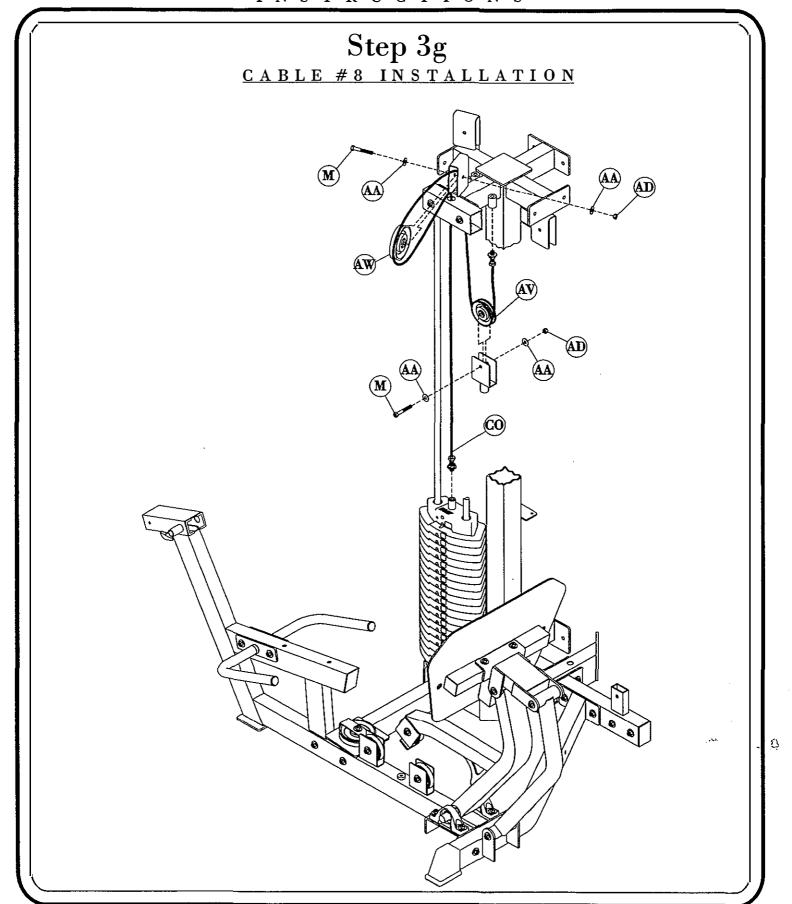
CO - Cable # 8, (Leg Press Weight Stack)





Warning - Cable Bolt must be threaded a minimum of 1/2" into the Weight Plate Stem with Jam Nut tightened securely to ensure proper connection.

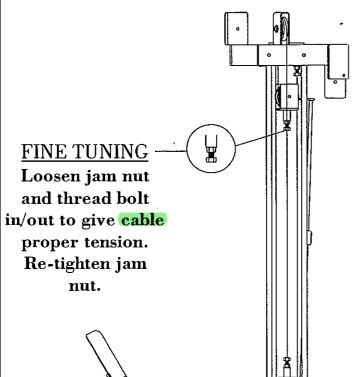




INSTRUCTIONS

Step 3h

CABLE #7 INSTALLATION



Hardware Descriptions

M - $3/8-16 \times 2$ " Hex Bolt

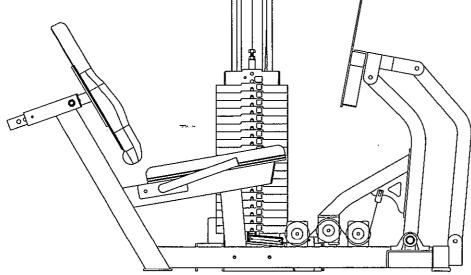
AA - 3/8" Flat Washer

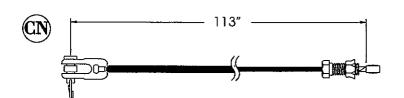
AD - 3/8" Nylok Nut

AV - 3 1/2" Pulley

AW - 4 1/2" Pulley

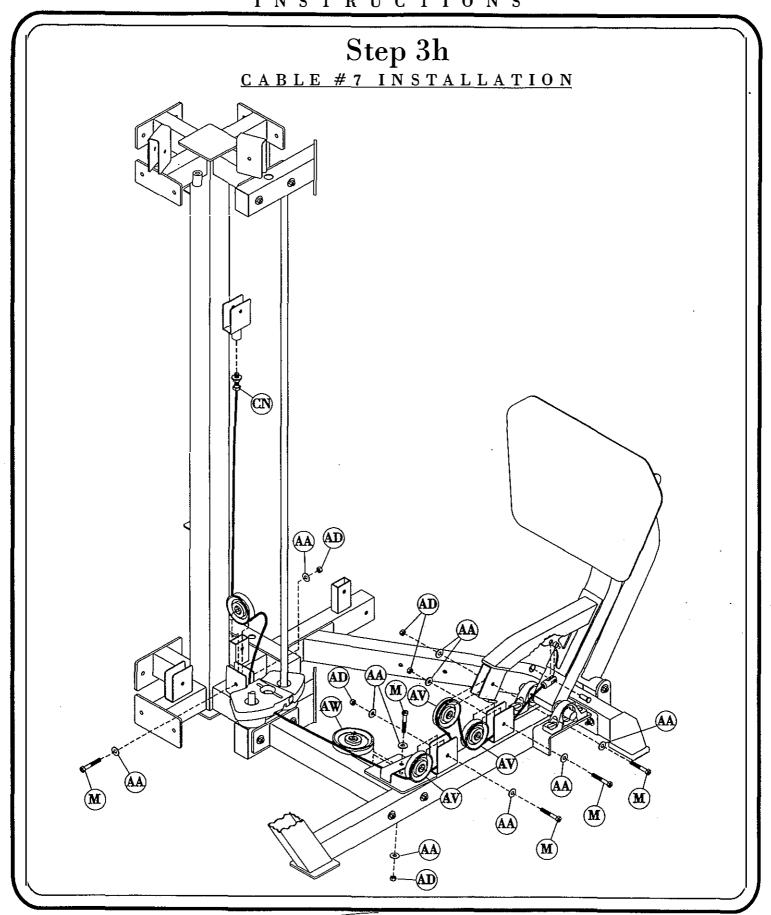
CN - Cable # 7, (Leg Press Lower)





Warning - Cable Bolt must he threaded a minimum of 1/2" into the Weight Plate Stem with Jam Nut tightened securely to ensure proper connection.







ASSEMBLY MANUAL

HOIST FITNESS SYSTEMS GENERAL MAINTENANCE INFORMATION

Links, Pull-Pins, Snap Locks, Swivels, Weight Stack Pins:

- * Check all pieces for signs of visible wear or damage.
- * Check springs in snap hooks and pull-pins for proper tension and alignment.
- * If the spring sticks or has lost its rigidity, replace it immediately.

Upholstery:

- * To ensure prolonged upholstery life and proper hygiene, all upholstered pads should be wiped down with a damp cloth after every workout.
- * Periodically take the time to use a mild soap or an approved vinyl upholstery cleaner to deter the onset of cracking or drying. Avoid using any abrasive cleaners or cleaners not intended for use on vinyl.
- * Replace ripped or worn upholstery immediately.
- * Keep sharp or pointed objects clear of all upholstery.

Guide Rods:

* Wipe clean with a dust free rag. Lubricate once a week with a silicon or Teflon based lubricant.

Decals:

* Inspect and familiarized yourself with any safety warnings or other user information posted on each decal.

Nuts and Bolts:

- * Inspect all nuts and bolts for any loosening and tighten if needed.
- * Go through a re-tightening sequence periodically to ensure that all hardware is tensioned properly.

Anti-Skid Surfaces:

* These surfaces are designed to supply secure footing and need to be replaced if they appear worn or become slippery.

Cables:

- * Hoist uses only Aircraft Quality Cable which meets or exceeds military specifications. Although our cables are designed to last for years, to ensure optimum performance and as a routine safety precaution we recommend that all cables be replaced yearly.
- * Visually inspect the cable for fraying, cracking, peeling or discoloration.
- * While the machine is not in use, carefully run your fingers along the cable to feel for thinning or bulging areas.
- * Replace cables immediately at the first signs of damage or wear. Do not use equipment until cables have been replaced.



ASSEMBLY M A N U A L

Continued: GENERAL MAINTENANCE INFORMATION

Cable Tension:

- * Referring to the Assembly/Owners Manual, check all cable bolts and attachments to be sure they are properly attached.
- * Check slack in cables and readjust cable tension if needed.

Seat Sleeves, Turcite Bushings:

- * Wipe down adjusting tubes with a dust free rag before applying lubricant.
- * Lubricate seat sleeves and turcite bushings with a silicon or Teflon based lubricant spray.

Linear Bearings:

* Referring to the Assembly/ Owners manual carefully dis-assemble the bearing from its housing and place a finger full of light grease (lithium, super lube, etc.) into the inside of the bearing. Using your finger, press the grease into the ball-bearings and their tracks. Repeat until the ball-bearing tracks are full of grease. Insert the shaft back into the bearing and wipe off excess grease.

PLEASE KEEP THIS FOR YOUR RECORDS.



MAINTENANCE SCHEDULE

ROUTINE	COMMERCIAL MAINTENANCE	HOME MAINTENANCE	LATEST DATE ENTRY
Inspect; Links, Pull Pins, Snap Locks, Swivels, Weight Stack Pins	DAILY	WEEKLY	
Clean; Upholstery	DAILY	WEEKLY	
Inspect; Cables or Belts and their tension	DAILY	WEEKLY	
Inspect; Accessory Bars and Handles	WEEKLY	3 MONTHS	
Inspect; All Decals	WEEKLY	3 MONTHS	
Inspect; All Nuts and Bolts, Tighten if Needed	WEEKLY	3 MONTHS	
Inspect; Anti-Skid Surfaces	WEEKLY	3 MONTHS	
Clean & Lubricate; Guide Rods with a Teflon (PTFE) based lubricant (Superlube)	MONTHLY	3 MONTHS	
Lubricate; Seat Sleeves, Turcite Bushings, Linear Bearing	MONTHLY	3 MONTHS	
Clean and Wax; All Glossy Finishes	6 MONTHS	YEARLY	
Repack with Grease; Linear Bearings	6 MONTHS	YEARLY	
Replace; Cables, Belts and Connecting Parts	YEARLY	3 YEARS	

Your equipment comes with a commercial maintenance decal. For personal, in home use, please follow the home maintenance schedule listed above.



HOIST FITNESS SYSTEMS LIMITED LIFETIME WARRANTY

Hoist Fitness Systems warrants this product to the **orlginal purchaser** to be free from defects in workmanship and/or materials under normal use or service. If at any time a component part is defective, Hoist Fitness Systems shall repair or replace it (at Hoist Fitness Systems option) within a reasonable period of time. This warranty does not cover costs of removal. transportation or relnstallation. This warranty shall not apply if the defect was caused by misuse, neglect or normal wear and tear.

Starting from the original date of purchase, normal wear and tear shall be considered as the following:

COMMERCIAL USE: All malfunctions of upholstery, grips, paint, and chrome that occur after 180 days; all malfunctions of electronic components, belts or cables that occur after one year; all malfunctions of pulleys, bearings, or bushings that occur after five years. The frame and all welded components are warranted for the life of the product.

IN HOME USE: All malfunctions of grips, paint, and chrome that occur after one year; all malfunctions of electronic components, belts or cables, and upholstery that occur after three years; all malfunctions of pulleys, bearings, or bushings that occur after five years. The frame and all welded components are warranted for the life of the product.

Hoist Fitness Systems sole responsibility shall be to repair or replace the component within the terms stated above. Hoist Fitness Systems shall not be liable for any loss or damage of any kind including any incidental or consequential damages resulting, directly or indirectly from any warranty expressed or implied or any other failure of this product.

WHAT IS NOT COVERED BY THIS WARRANTY

Hoist's sole obligation under this warranty is limited to either repair or replacement of parts, subject to the additions below. This warranty neither assumes nor authorizes any person to assume obligations other than expressly covered by this warranty.

NO CONSEQUENTIAL DAMAGES. Hoist is not responsible for economic loss; profit loss; or special, indirect, or consequential

WARRANTY IS NOT TRANSFERABLE. This warranty is not assignable and applies only in favor of the original purchaser/user to whom delivered. Any such assignment or transfer shall void the warranties herein made and shall void all warranties, expressed, Implied or statutory, except the one (1) and (5) year warranty described above. These warranties are exclusive and In lieu of all other warranties, including implied warranty and merchantability or fitness for a particular purpose. There are no warranties which extend beyond the description on the face hereof.

ALTERATION, NEGLECT, ABUSE, MISUSE, NORMAL WEAR & TEAR, ACCIDENT, DAMAGE DURING TRANSIT OR INSTALLATION FIRE, FLOOD, ACTS OF GOD. Hoist is not responsible for the repair or replacement of any parts that Holst determines have been subjected after the date of manufacture to alteration, neglect, abuse, misuse, normal wear & tear, accident, damage during transit or installation, fire, flood, or an ACT OF GOD.

TRANSPORTATION COSTS. Hoist will accept parts covered under this warranty freight collect, provided that shipment has received prior approval. Hoist is not responsible for any other transportation costs, but will ship freight collect parts either repaired or replaced under these warranties.

WARRANTY CLAIMS. All claims should include: model number, the serial number, proof of purchase, date of installation, and all pertinent information supporting the existence of the alleged defect.

Hoist Fitness Systems 9990 Empire St. #130 San Diego, Calif. 92126 (800)548-5438

Web Site - www.hoistfitness.com

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