

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

### RECORD SERIAL NUMBER HERE

**CATALOG NUMBER** 

0504-001

### **Customer Service**

(800) 548-5438

(858) 578-7676

Fax

 $(858) \overline{578} - 9558$ 

# **CONTENTS**

INSTRUCTIONS (Step 1)	2
FRAME ASSEMBLY (Step 2)	.4
CABLE ASSEMBLY	15
UPHOLSTERY ASSEMBLY	19
SHIELD ASSEMBLY	.25
ACCESSORIES/MISC	,33
PRE-ASSEMBLY	35
DECAL PLACEMENT	38
PART LISTING	41
HARDWARE LISTING	42
ABBREVIATION LISTING	44
BOLT SIZING CHART	45
WASHER SIZING CHART	47
MAINTENANCE SCHEDULE	<b>50</b>
GENERAL MAINTENANCE INFORMATION	51
WEIGHT TRAINING TIPS	.53
WEIGHT RATIOS	<b>5</b> 4
EXERCISE DESCRIPTIONS	55
EXERCISE LOG	69
LIMITED WARRANTY	.70



# Step 1 INSTRUCTIONS

Please use the various lists 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 lists. Use only Hoist replacement parts when servicing. Failure to do so will void your warranty and could result in personal injury.

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 manual when calling.

#### THIS PRODUCT IS RATED FOR HOME OR COMMERCIAL USE.

### TOOLS REQUIRED

**Socket Wrench** 

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

**Crescent Wrench** 

Rubber Mallet

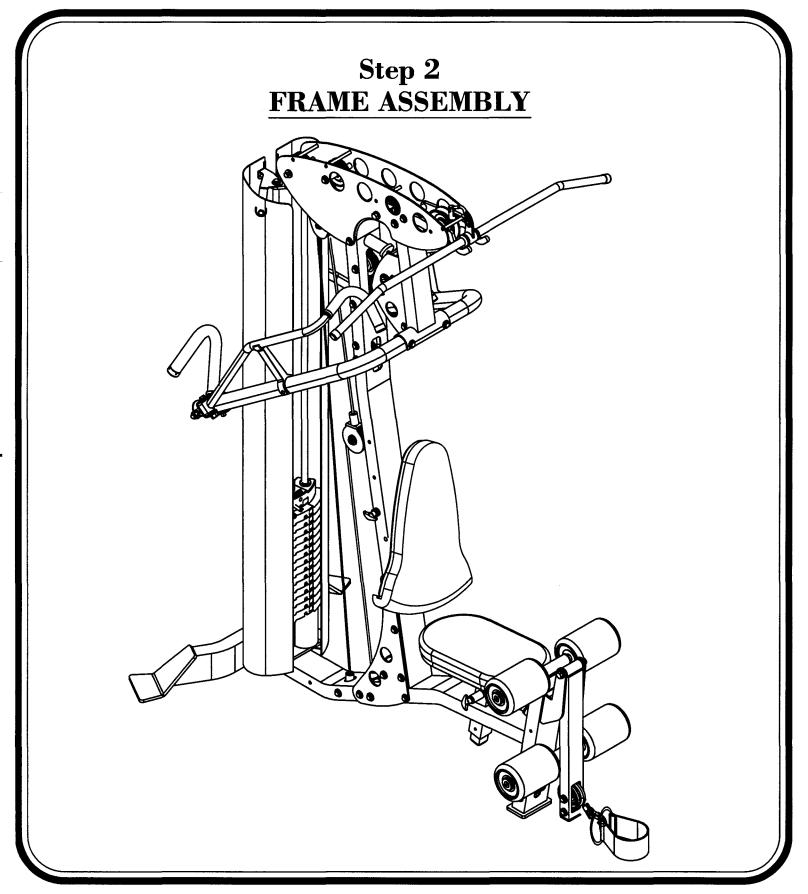
Tape Measure

Level

Allen Wrench Set









# Step 2a FRAME ASSEMBLY

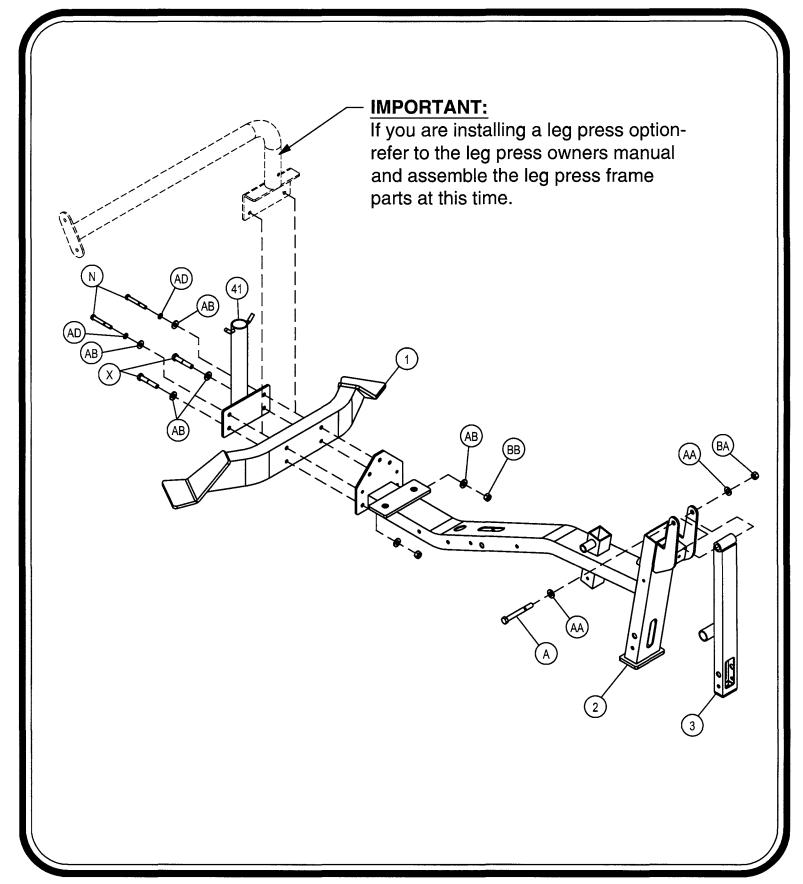
Start assembly by bolting (1) and (41) to (2). Wrench Tighten bolts. Then attach (3) to (2). Wrench Tighten bolts then loosen nut enough for (3) to pivot freely.

#### **Part Descriptions**

- 1 Rear Support Foot
- 2 Main Base Support
- 3 Leg Extension Arm
- 41 Accessory Rack

### **Hardware Descriptions**

- $A 1/2-13UNC \times 4" HHB (WZ)$
- $N 3/8-13UNC \times 3" HHB (WZ)$
- X 3/8-16UNC  $\times 3 1/4$ " HHB (WZ)
- AA 1/2 SAE Flat Washer (WZ)
- AB 3/8 USS Flat Washer (WZ)
- AD 3/8 Split Lock Washer (WZ)
- BA 1/2-13UNC Thin Nylok Nut (WZ)
- BB 3/8-16UNC Thin Nylok Nut (WZ)



# Step 2b FRAME ASSEMBLY

Start assembly by bolting (17) to (2). <u>Only Thread Bolt Halfway</u>. Next, slide (DB)'s, (CA)'s, (15)'s and (25) onto (17)'s.

#### **Part Descriptions**

2 - Main Base Support

15 - 10 lb Radial Loc® Weight Plate

17 - Guide Rod ( $\emptyset 0.75$ " x 71.44" lg.)

18 - 21 Hole Weight Selector Stem

25 - Radial Loc® Top Weight

### **Hardware Descriptions**

F - 3/8-16UNC x 1 1/4" HHB (WZ)

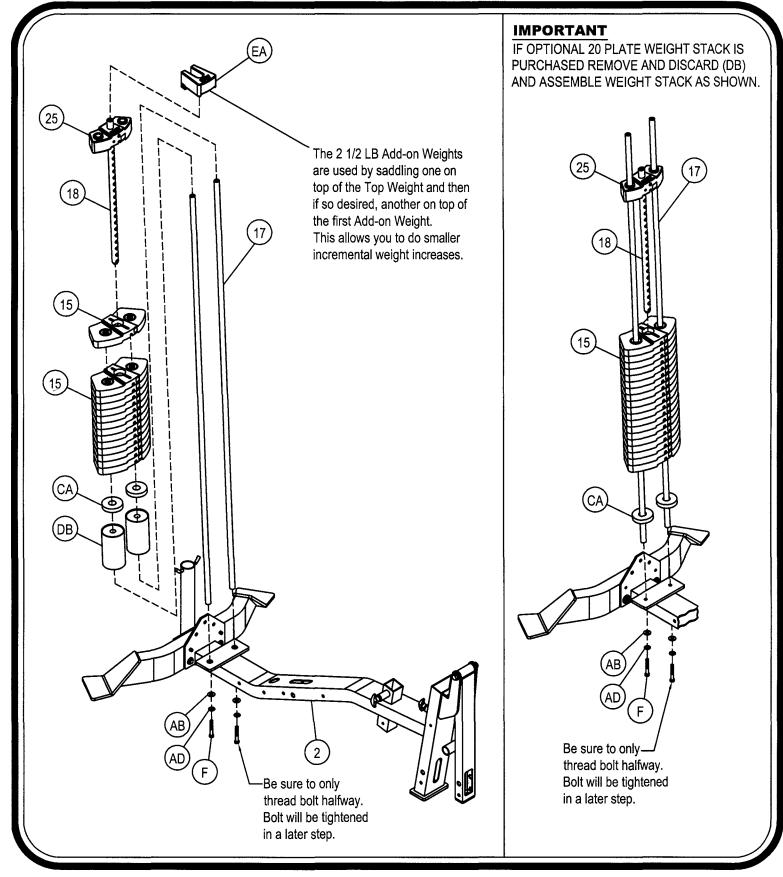
AB - 3/8 USS Flat Washer

AD - 3/8 Split Lock Washer (WZ)

CA - Weight Stack Bumper

**DB** - Weight Stack Stand Off

EA - Add On Weight





## Step 2c FRAME ASSEMBLY

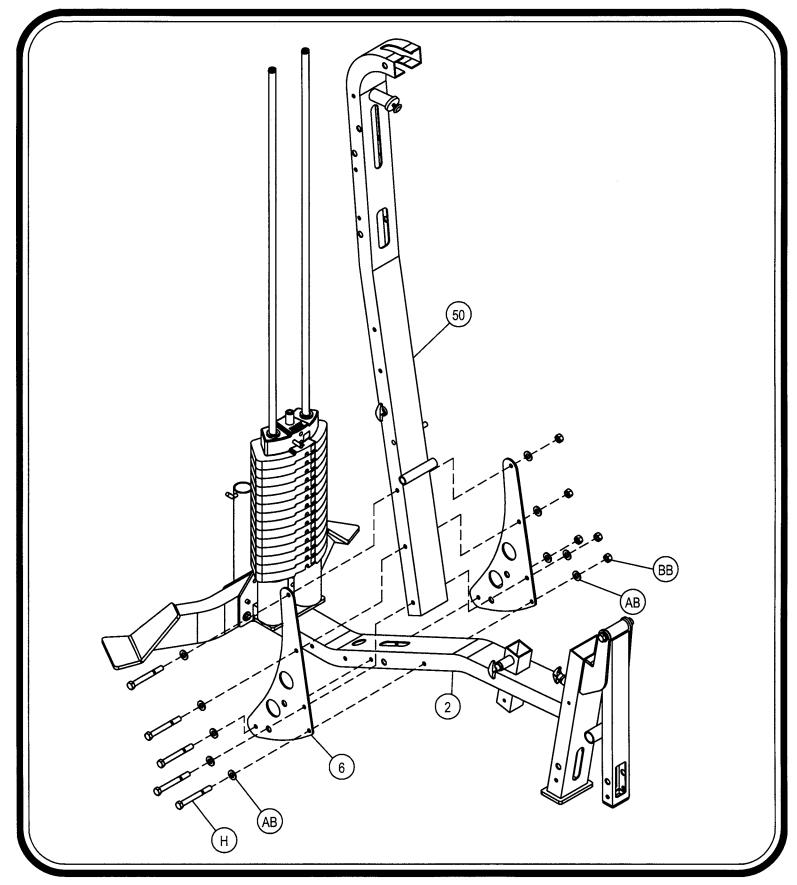
Attach (6)'s to both sides of (2). Next place (50) in between both (6)'s and attach. <u>Hand Tighten Bolts</u>, they will be wrench tightened in a later step.

### **Part Descriptions**

- 2 Main Base Support
- 6 Gusset Plate
- 50 Main Upright

### **Hardware Descriptions**

- H 3/8"-16UNC x 5" HHB (WZ)
- AB 3/8" USS Flat Washer
- BB 3/8"-16 Thin Nylok Nut (WZ)





# Step 2d FRAME ASSEMBLY

In this assembly start with Step 1 and attach (14) to (50) by inserting (22)'s. In Step 2 secure (14) to (50) with (H). (17)'s may need to be tilted back out of the way to allow (H) to be inserted. Finally in Step 3 attach (17)'s to (14). Wrench Tighten all bolts up to this step.

### **Part Descriptions**

14 - Top Assembly

17 - Guide Rod

22 - 1.69" Heavy Flanged Spacer

50 - Upright Assembly

### **Hardware Descriptions**

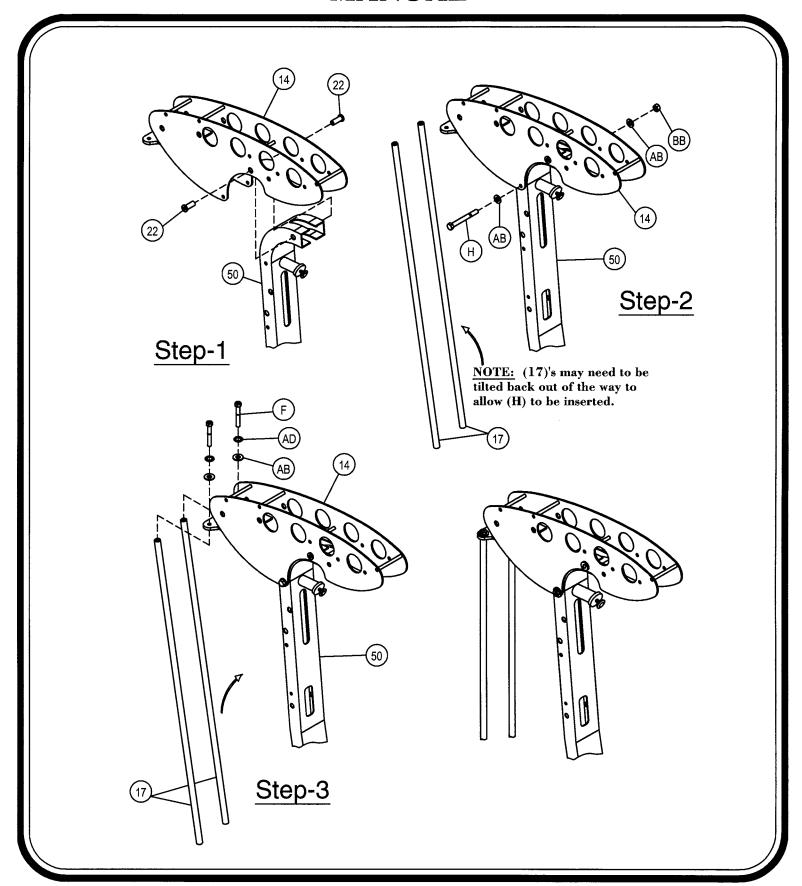
 $F - 3/8-16UNC \times 1 1/4" HHB (WZ)$ 

 $H - 3/8-16UNC \times 5" HHB (WZ)$ 

AB - 3/8 USS Flat Washer (WZ)

AD - 3/8 Split Lock Washer

BB - 3/8-16UNC Thin Nylok Nut (WZ)



# Step 2e FRAME ASSEMBLY

Start assembly by sliding (24) into the top of (51) and attach (51) to (14). <u>Wrench tighten</u> bolt then loosen nut enough so (51) pivots freely. Attach the back side of (12) to (14) as shown in step E-1, let the front of (12) hang downward, it will be assembled in a later step. <u>Hand tighten</u> bolt. On step E-2 start by attaching (54) to (52) and repeat for part (55). Next fasten (DG)'s on both sides of (52). Slide (53)'s onto both sides of (52). <u>Wrench tighten</u> nuts then loosen nuts enough so both (53)'s pivot freely.

#### **Part Descriptions**

12 - Lat Bar Mount Assembly

14 - Top Assembly

24 - 1" Dia. Shaft

51 - Upper Press Arm Pivot

52 - Press Arm

53 - Mounting Bracket

54 - Right Handle

55 - Left Handle

### **Hardware Descriptions**

B - 1/2"-13UNC x 5" HHB (WZ)

 $H - 3/8"-16UNC \times 5" HHB (WZ)$ 

N - 3/8"-16UNC x 3" HHB (WZ)

X - 3/8"-16UNC x 3 1/4" HHB (WZ)

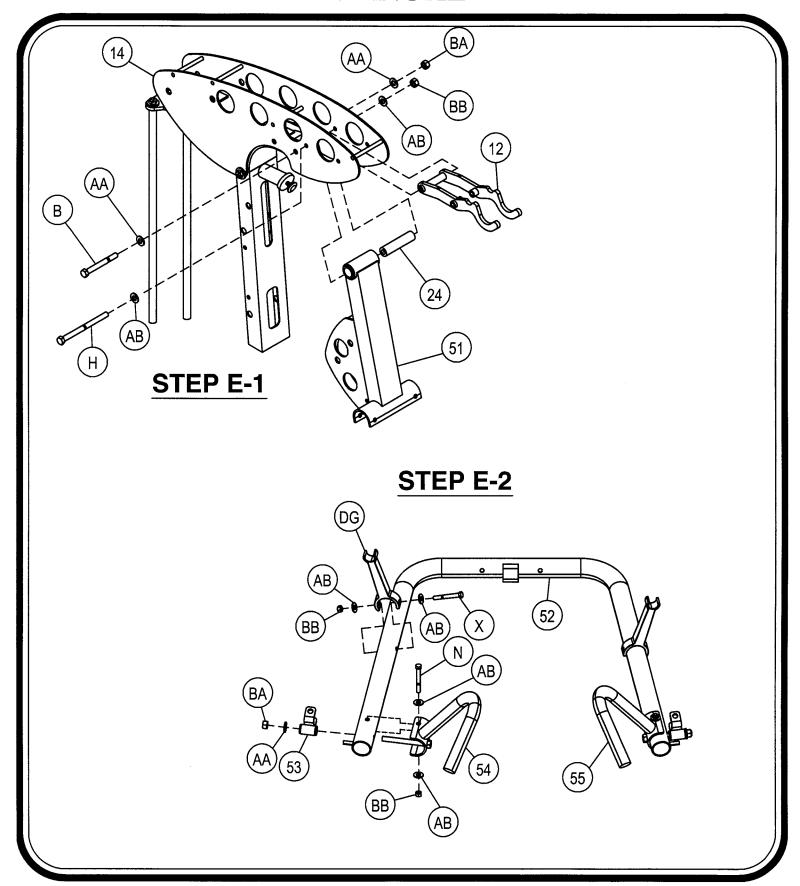
AA - 1/2" SAE Flat Washer (WZ)

AB - 3/8" USS Flat Washer (WZ)

BA - 1/2"-13UNC Thin Nylok Nut (WZ)

BB - 3/8"-16UNC Thin Nylok Nut (WZ)

DG - Articulating Arm Bracket



# Step 2f FRAME ASSEMBLY

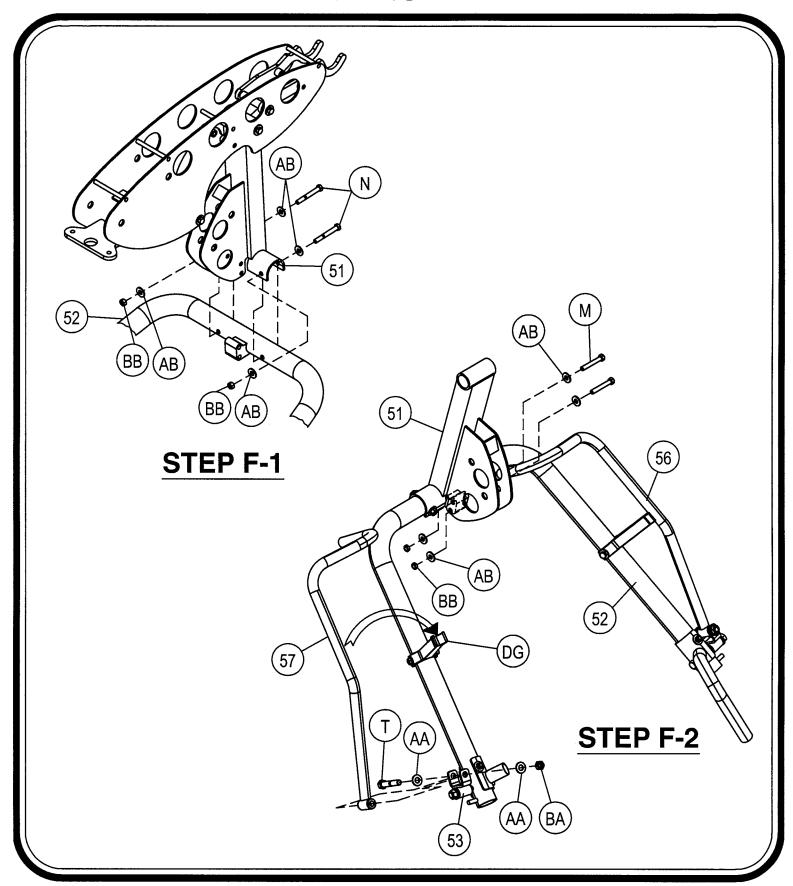
Start assembly by attaching (52) to (51) as shown in step F-1. On step F-2 finish mounting (51) to (52) <u>Wrench Tighten Bolts</u>. Next attach (56) to (53) <u>Wrench Tighten</u> bolts then loosen nut enough so (53) pivots freely. Snap (56) into (DG) and repeat for other side, by attaching (57) to (53). As shown in step F-2.

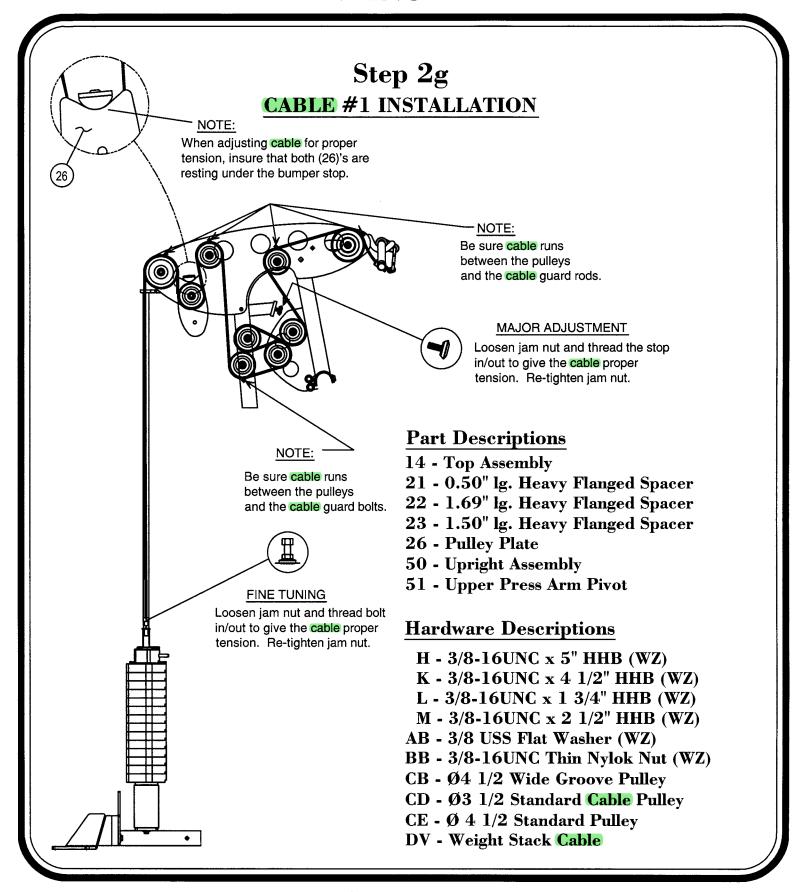
#### **Part Descriptions**

- 51 Upper Press Arm Pivot
- 52 Press Arm
- 53 Mounting Bracket
- 56 Left Articulating Arm
- 57 Right Articulating Arm

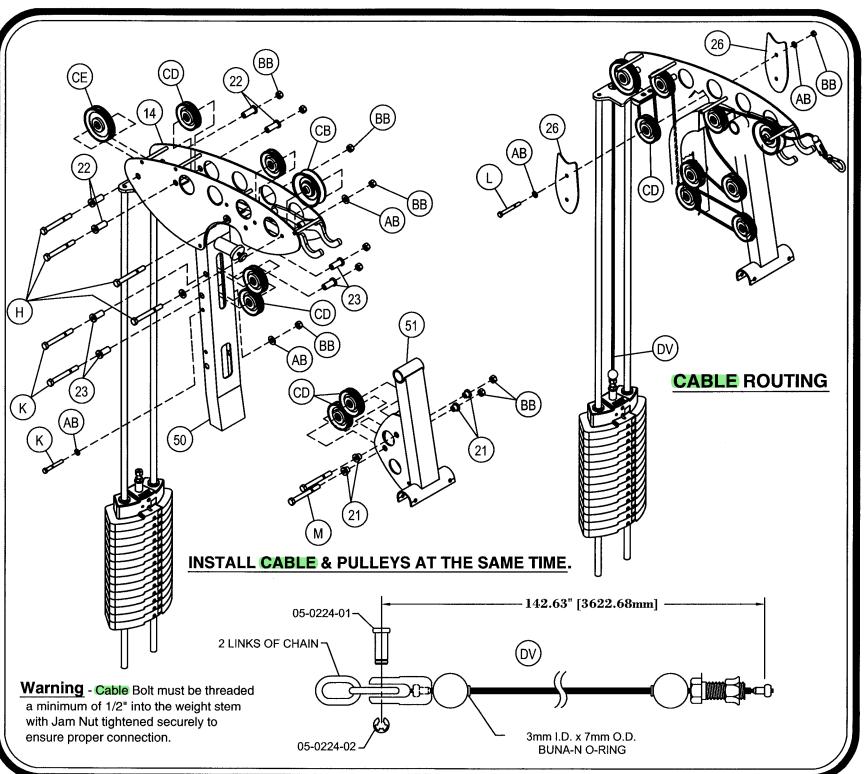
### **Hardware Descriptions**

- $M 3/8"-16UNC \times 2 1/2" HHB (WZ)$
- N 3/8"-16UNC x 3" HHB (WZ)
- T 1/2"-13UNC x 2 3/4" HHB (WZ)
- AA 1/2" SAE Flat Washer (WZ)
- AB 3/8" USS Flat Washer (WZ)
- BA 1/2"-13UNC Thin Nylok Nut (WZ)
- BB 3/8"-16UNC Thin Nylok Nut (WZ)

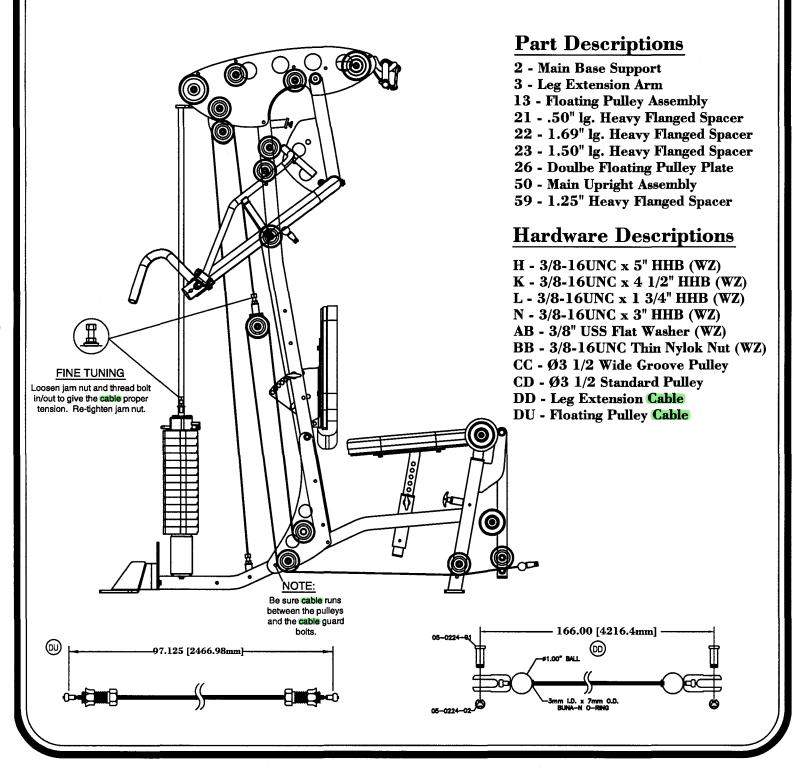




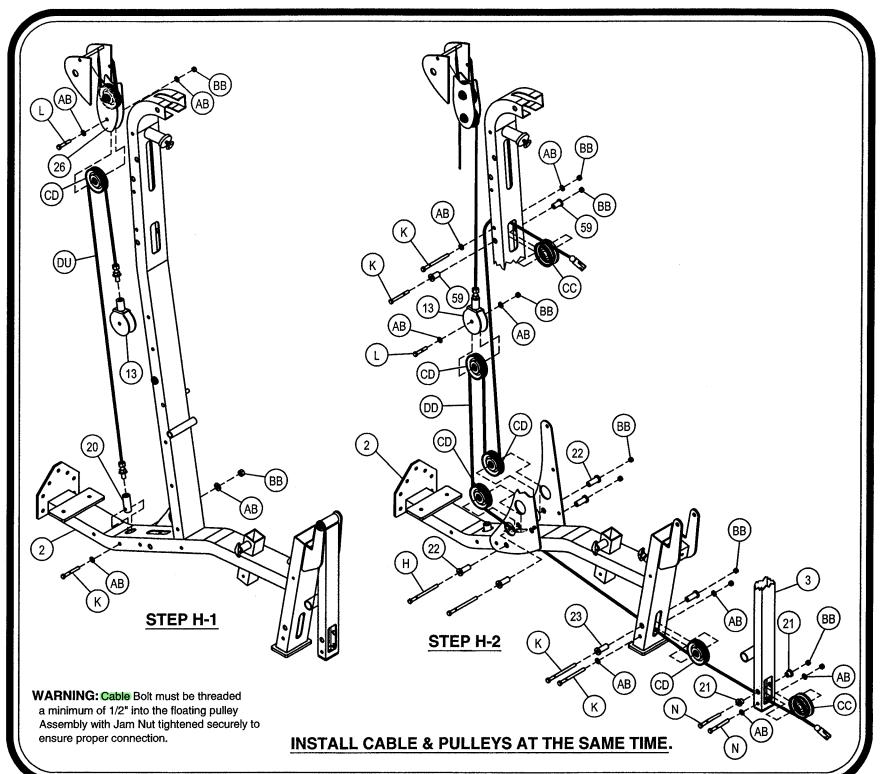




# Step 2h CABLE #2 & #3 INSTALLATION







# Step 2i PAD ASSEMBLY

Start assembly by sliding (CF)'s and (5) into (3), and (CF)'s and (5) into (48) as shown. Next insert (CQ)'s into both sides of (8)'s and slide (8)'s onto both sides of (5)'s. Wrench Tighten bolts.

#### **Part Descriptions**

3 - Leg Extension Arm

5 - 18.69" lg. Roller Bar

8 - Roller Pad

19 - Aluminum Cap

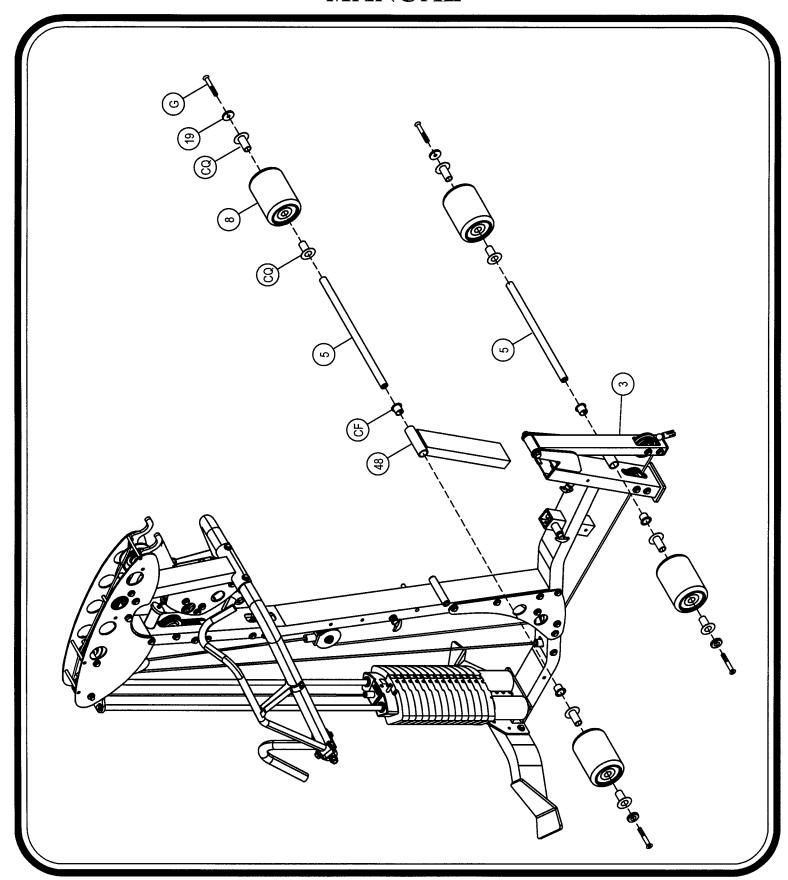
48 - Roller Pad Adjuster

### **Hardware Descriptions**

G - 3/8-16UNC x  $1\ 1/4$ " FHS (WZ)

**CF** - Nyliner Bushing

**CQ** - Roller Bushing



# Step 2j PAD ASSEMBLY

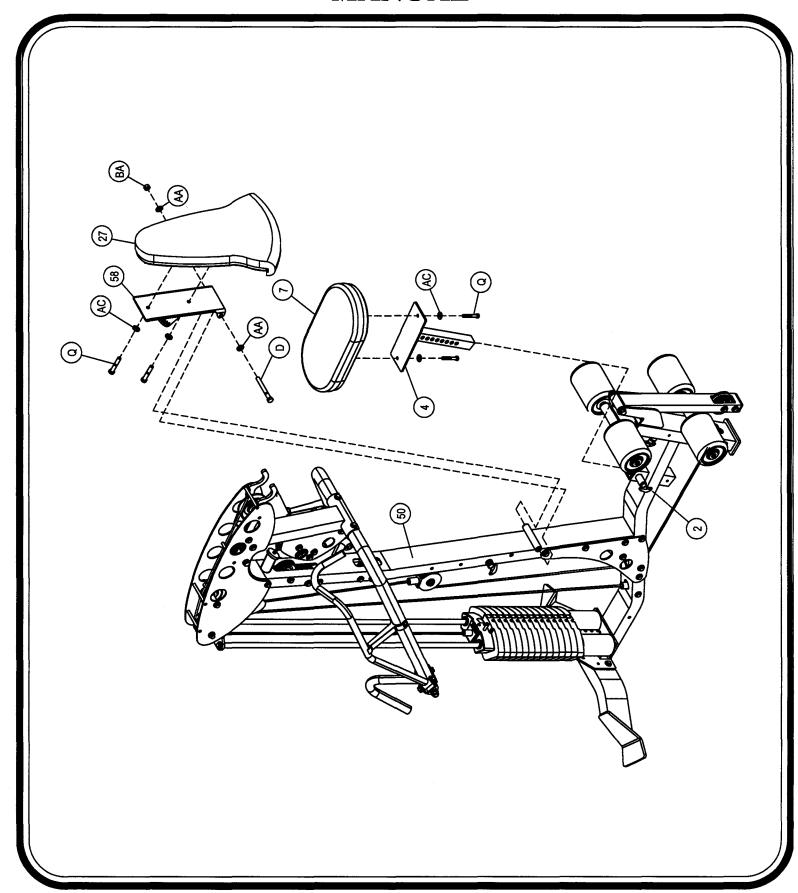
In this step, start assembly by attaching (7) to (4). Wrench Tighten bolts. Now slide (4) into (2). Next, attach (27) to (58) and Wrench Tighten bolts. Fasten (58) to (50). Wrench tighten bolt then back nut off enough so (58) pivots freely.

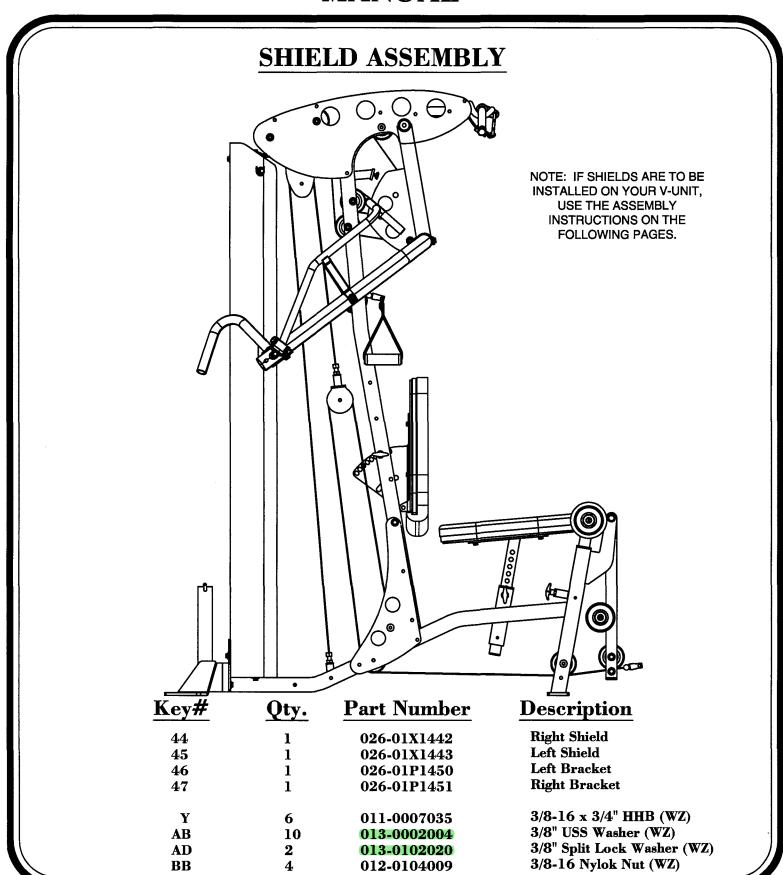
#### **Part Descriptions**

- 2 Main Base Support
- 4 Seat Assembly
- 7 Seat Pad
- 27 Back Pad
- 50 Upright Assembly
- 58 Back Adjuster R.O.M

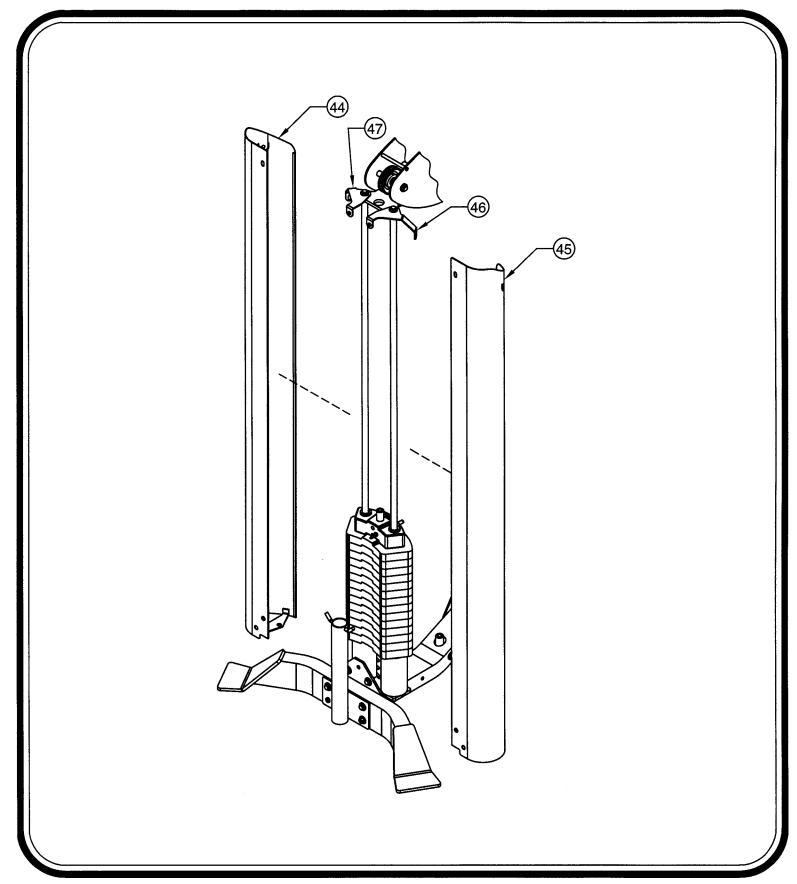
### **Hardware Descriptions**

- D 1/2"-13UNC x 6" HHB (WZ)
- $Q 5/16-18UNC \times 1 1/4" HHB (WZ)$
- AA 1/2" Flat Washer (WZ)
- AC 5/16" SAE Flat Washer (WZ)
- BA 1/2-13UNC Thin Nylock Nut (WZ)









# SHIELD ASSEMBLY STEP 1A & 1B

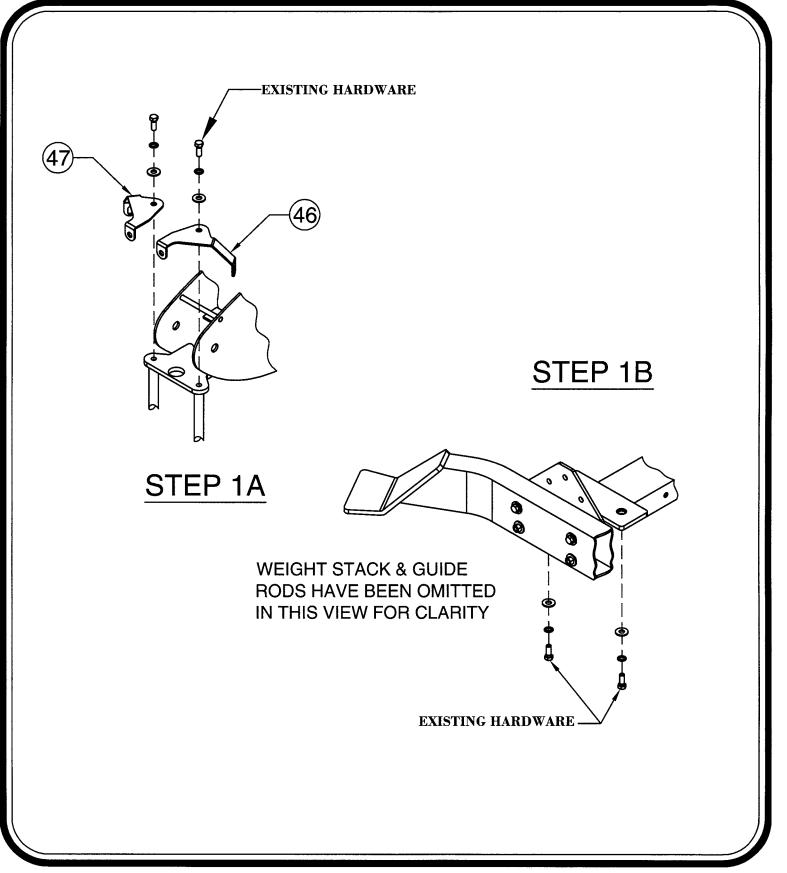
Start assembly by removing existing hardware as shown in Step 1a. Attach (47) and (46) and <u>Hand Tighten Bolts Only</u> using existing Hardware. Remove existing harware as shown in Step 1b and set aside for a later step.

**Part Descriptions** 

46 - LEFT BRACKET 47 - RIGHT BRACKET **Hardware Descriptions** 

USING EXISTING HARDWARE





# SHIELD ASSEMBLY STEP 2A & 2B

In this step, attach the top of the shields (45) to (46), and (44) to (47), as shown. <u>Hand Tighten bolts only</u>. They will be tightened in a later step.

#### **Part Descriptions**

44 - Right Shield

45 - Left Shield

46 - Left Bracket

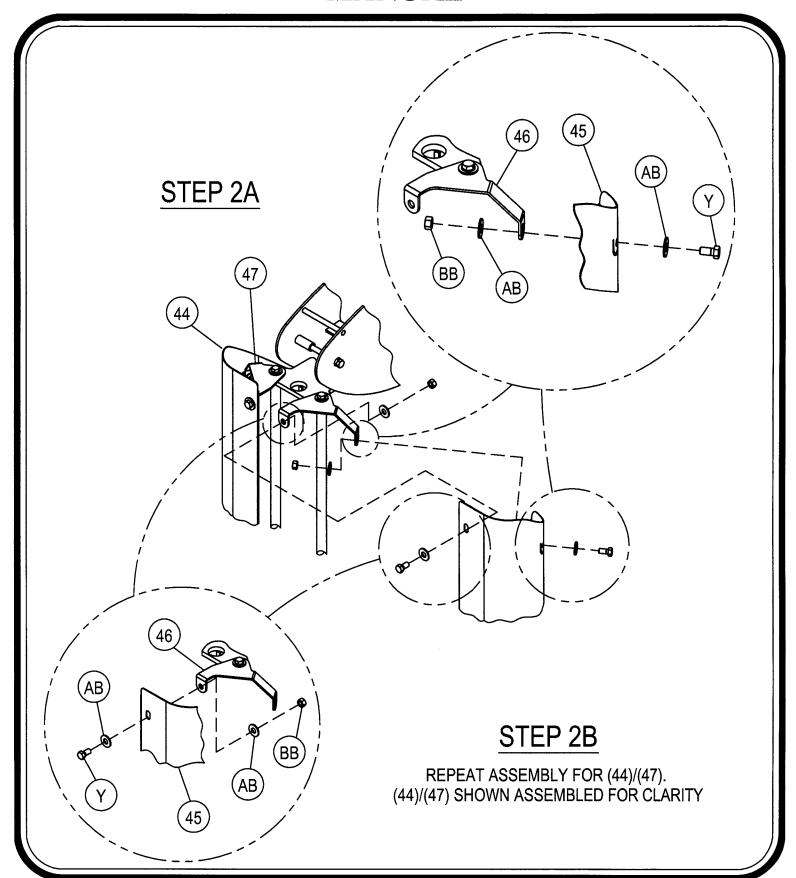
47 - Right Bracket

### **Hardware Descriptions**

 $Y - 3/8-16UNC \times 3/4" HHB (WZ)$ 

AB - 3/8" USS Flat Washer (WZ)

BB - 3/8-16UNC Thin Nylok Nut (WZ)





## SHIELD ASSEMBLY

## **STEP 3A & 3B**

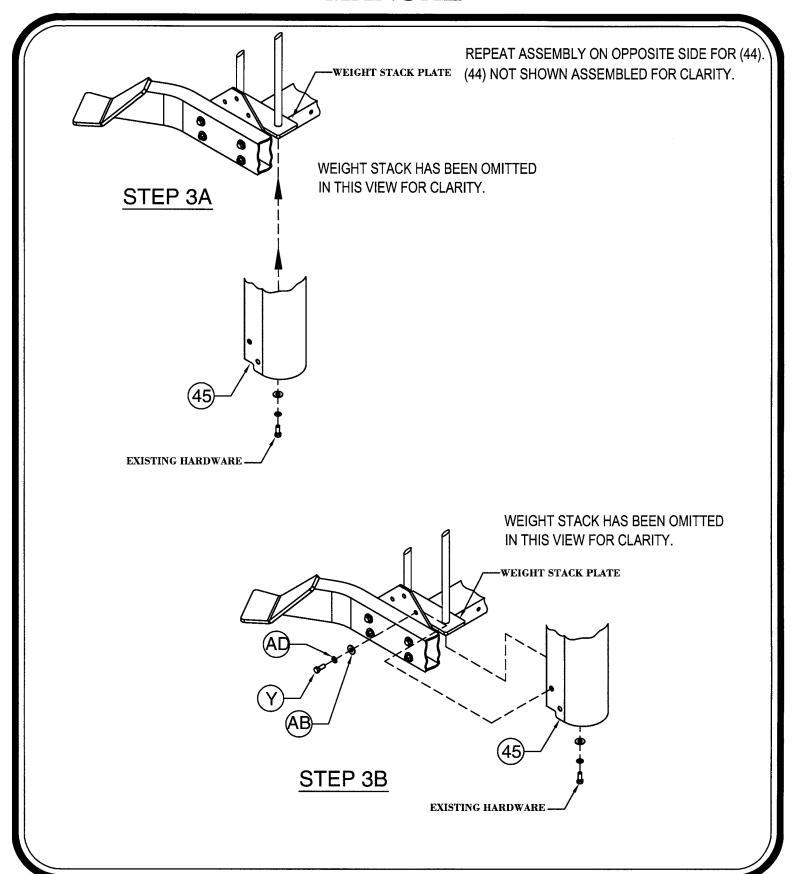
Start assembly by aligning hole of bracket on (45) to hole on weight stack plate, and attach with existing hardware. Be sure that the bracket on (45) is mounted to the bottom of the weight stack plate. Finish by installing bolts (Y). <u>Wrench Tighten</u> bolts and previously hand tighten bolts.

### **Part Descriptions**

45 - LEFT SHIELD 44 - RIGHT SHIELD

### **Hardware Descriptions**

USING EXISTING HARDWARE Y - 3/8-16 x 3/4" HHB (WZ) AB - 3/8 USS Flat Washer AD - 3/8 Split Lock Washer



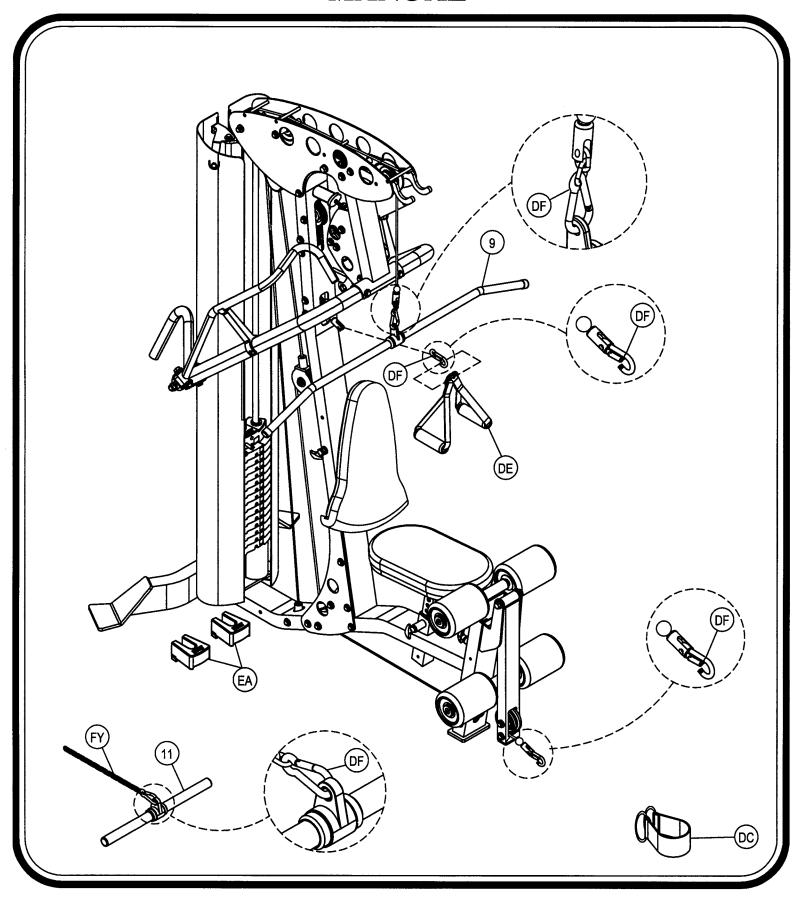
### **ACCESSORIES ASSEMBLY**

Key#	Qty.	Part Number	Description
9	1	026-01X1119	Aluminum Lat Bar
11	1	026-01X1118	<b>Aluminum Curl Bar Assembly</b>
$\mathbf{DC}$	1	022-008033	Ankle Strap
DE	${f 2}$	022-0008032	Strap Handle
$\mathbf{DF}$	4	020-0010002	Snap Link
EA	<b>2</b>	26-STD-SWADDON2	Add On Weight
FY	1	020-0014028	14 Link Chain

### **MISCELLANEOUS ITEMS**

Qty.	Part Number	<u>Description</u>
1	021-0003159	Alert Wall Poster
2	023-0511006	Super Lube
		Exercise Chart
		Accent Touch Up Paint
		Base Touch Up Paint





V-3 Assembly Page - 34

### **PRE-ASSEMBLY**

#### Part Descriptions

- 2 Main Base Support
- 3 Leg Extension Arm
- 4 Seat Assembly
- 10 1/2" Short Pullpin (Hex Head) Assy.
- 14 Top Assembly
- 15 10 lbs. Intermediate Radial Loc® Weight Plate
- 18 21 Holes Stem
- 25 Cast Radial Loc® Top Weight
- 28 Lanyard Pin
- 41 Accessory Rack
- 48 Roller Pad Adjuster
- 50 Upright Assembly
- 51 Upper Press Arm Pivot
- 52 Press Arm
- 53 Mounting Bracket
- 54 Right Handle
- 55 Left Handle
- 56 Right Articulating Arm
- 57 Left Articulating Arm

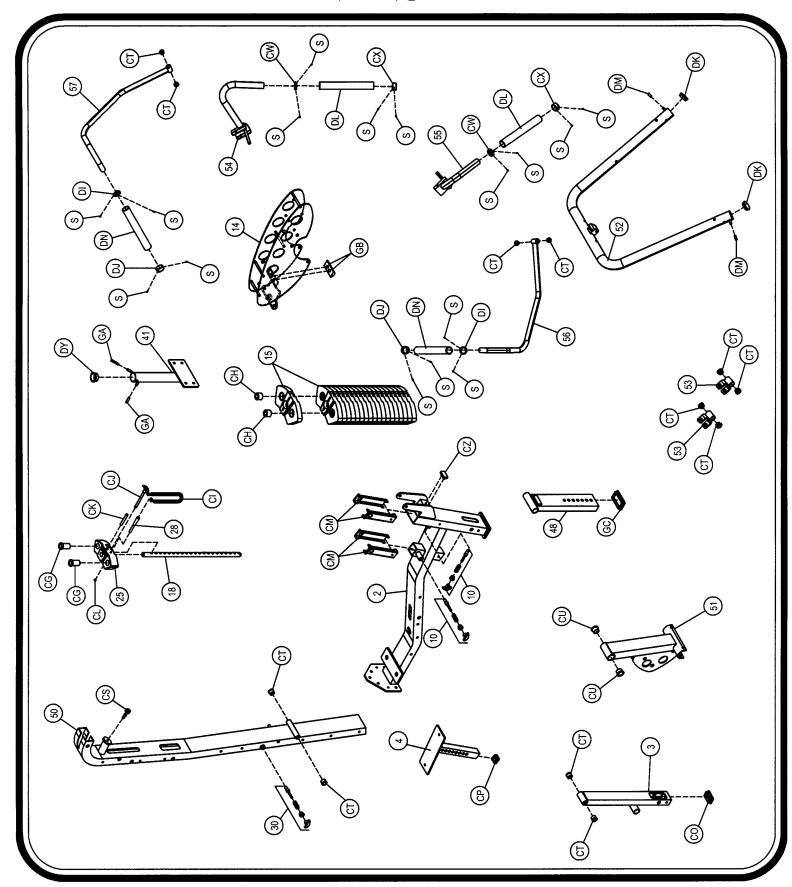
### **Hardware Descriptions**

- $S 10-32 \times 1/8$ " Set Screw
- **CG** Guide Rod Bushing
- CH Press Fit Cast Weight Bushing
- CI Lanyard Coil
- CJ Selector Pin
- CK 7/16" dia. x 3" Roll Pin
- CL Lanyard Pin C-Clip
- CM EZ Glide Sleeve
- CO 1 1/2" x 2 1/2" End Cap
- CP 1 1/2" x 1 1/2" End Cap
- CS Adjustable Stop With Jam Nut
- CT 1/2" Flanged Oilite
- CU 1" Flanged Oilite
- CW 1.28" I.D. Aluminum Ring
- CX 1.28" I.D. Aluminum Cap
- **CZ Dual Stem Plug Bumper**
- DI 1.03" I.D. Aluminum Ring
- DJ 1.03" I.D. Aluminum Cap
- DK Ø2.00" Plastic End Cap
- DL Ø1.188 I.D. x 15.00 Rubber Grip
- DM .375" x .675" Sleeve
- DN  $\emptyset$ .9375 I.D. x 18.75 Rubber Grip
- DY Delrin Bushing
- GA  $\emptyset$ .375" x 1.60" Vinyl Sleeve
- **GB** Bumper, Half Round, Dual Stem
- GC 1 1/2" X 3 1/2" End Cap

# \*IMPORTANT\*

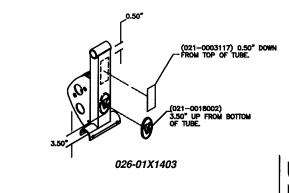
Now that the V-3 machine is completely assembled take time to assure that your unit is assembled square and perpendicular. To check this use a Level to check that the guide rods are perpendicular in both directions. If they are not perpendicular in both directions, it will be necessary to loosen some Frame hardware to re-align the Frame and retighten bolts.







# PLACEMENTS

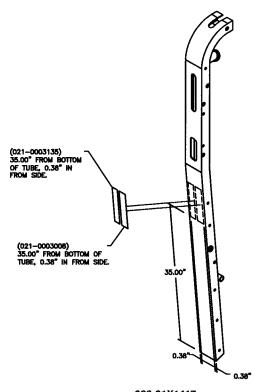


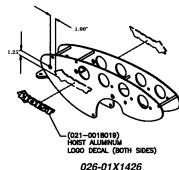
(021-0003198)

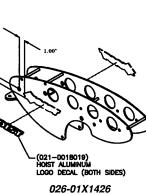
(021-0003114)
CENTERED, 0.31" DOWN
FROM TOP OF TUBE.

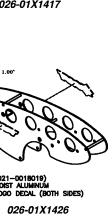
-(021-0003204) CENTERED ON TUBE 1.00" FROM WEIGHT PLATE MOUNT.

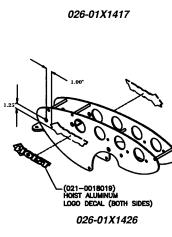
026-01X1639











# DECAL REFERENCE

1	NOT	7	C	E	<b>V</b>	
	COMMERCIAL MAINTENANCE	Daily	Wookly	Monthly	Months	Poper
	Inspect; Links, Pull Pins, Snap Locks, Swivels, Weight Stack Pins	×				
	Clean; Upholstery	×				
	Inspect; Cables or Belts and their tension	×				
	Inspect; Accessory Bars and Handles		×			
	Inspect; All Decals		×			
	Inspect; All nuts and Bolts Tighten if Needed.		×			
	Inspect; Anti-Skid Surfaces		×			
	Clean & Lubricate; Guide Rods with a Teflon (PTFE) based lubricant (Superlube)			×		
	Lubricate; Seat Sleeves, Turcite Bushings, Linear Bearing			×		
	Clean & Wax; All Glossy Finishes				×	
	Repack with Grease Linear Bearings				×	
	Replace; Cables, Belts and Connecting					¥

Parts.

021-0003008



021-0003114

**DO NOT:** HANG ON BAR USE BAR FOR CHIN-UPS LEAVE BAR DISCONNECTED

021-0003117

**△**WARNING

USE ONLY GENUINE HOIST REPLACEMENT PARTS. FAILURE TO DO SO WILL YOID ARRANTY AND COULD RESULT IN PERSONAL INJURY OR EVEN DEATH. THERE IS A RISK ASSUMED BY INDIVIDUALS WHO USE THIS Type of Equipment. To minimize the risk always follow these simple rules.

READ & UNDERSTAND ALL NCLOSED INSTRUCTIONS before sing this equipment.

P NECHT EQUIPMENT BEFORE
ACHUSE, Replace all parts at the
first signs of meat or demands. If in
couch about a person part, ON IOT,
use the equipment until the part is
replaced. Fallow to replace sector or
tempaged parts; may asset in injury.

3. FOLLOW POUTINE MAINTENANCE SCHEDULE

ECONSOL - 1000 PM SECURITY EFFORE STATTING ANY XERGISE PROGRAM. Warms up roperly before encaging in well estatence training. Stop exercisi-ou leef faint or diczy.

TO PREVENT THE POSSIBILITY IS SERIOUS HAURY, KEEP CLEAR FALL MOVING PARTS. Do not be story between by cornell. Obtain assistance in order to

Tabe your time and do not that exercise, Practice proper breathin <u>(CVER</u> hold your breath,

L CALL YOUR AUTHORIZED HOST DISTRIBUTION If you have my questions so the proper use or naintenance of this equipment.

021-0003135



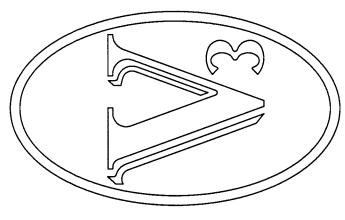
V-3 Assembly

#### **DECAL REFERENCE**



021-0018019

021-0003198



021-0018002



1-800-548-5438 www.hoistfitness.com 03-3-000000

021 - 0003204

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



#### **PART LISTING**

Key#	Qty.	Part Number	<b>Description</b>		
1	1	026-01X1419	Rear Support Foot		
2	1	026-01X1639	Base Assembly		
3	1	026-01X1421	Leg Extension Arm		
4	1	026-01X1640	Seat Assembly		
5	${f 2}$	026-01X1425	18.69" lg. Roller Bar		
6	${f 2}$	026-01P1429	Gusset Plate		
7	1	022-01PD0106	Seat Pad		
8	4	022-01PDR008	Roller Pad		
9	1	026-01X1119	Aluminum Lat Bar		
10	${f 2}$	026-01X0185	1/2" Short Pullpin (Hex Head) Assembly		
11	1	026-01X1118	Aluminum Curl Bar		
12	1	026-01X1404	Lat Bar Mount		
13	1	026-01X1414	Floating Pulley Assembly		
14	1	026-01X1426	Top Assembly		
15	14	026-01W0142	10 lbs. Intermediate Radial Loc® Weight Plate		
17	${f 2}$	026-01G0177	Guide Rod (Ø0.75" x 71.44" lg.)		
18	1	026-01W0139	21 Holes Stem		
19	4	026-01M0238	Aluminum Cap $2.00$ "O.D. $\times .31$ " thk		
20	1	026-01M0586	Cable Adapter		
21	6	026-01M0760	.50" lg. Heavy Flanged Spacer		
22	10	026-01M0761	1.69" lg. Heavy Flanged Spacer		
23	6	026-01M0762	1.50" lg. Heavy Flanged Spacer		
24	1	026-01M0767	1.00" Dia. x 4.00" lg. Shaft		
25	1	<b>26-STD-SWTOP9</b>	8.50 lbs. Cast Radial Loc® Top Weight		
26	${f 2}$	026-01P1689	Pulley Plate		
27	1	022-01PD2024-A	Back Pad		
28	1	10-LRD-1012T	Lanyard Pin		
30	1	026-01X1619	Pull Pin (Hex Head) Assembly		
41	1	026-01X1453	Accessory Rack		
48	1	026-01X1641	Roller Pad Adjuster		
50	1	026-01X1417	Upright Assembly		
51	1	026-01X1403	Upper Press Arm Pivot		
<b>52</b>	1	026-01X2063	Press Arm		
53	${f 2}$	026-01X1411	Mounting Bracket		
54	1	026-01X2062	Right Handle		
55	1	026-01X2061	Left Handle		
56	1	026-01X2066	Left Articulating Arm		
57	1	026-01X2065	Right Articulating Arm		
58	1	026-01P1425	Back Pad ROM		
<b>59</b>	1	026-01M0768	1.50" Heavy Flanged Spacer		



#### **HARDWARE LISTING**

#### NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

Key#	Qty.	Part Number	<b>Description</b>
A	1	011-0101070	1/2-13 x 4" HHB (WZ)
В	ī	011-0107014	$1/2-13 \times 5$ " HHB (WZ)
$\mathbf{D}$	1	011-0307060	1/2-13 x 6" HHB (WZ)
F	4	011-0107037	3/8-16 x 1 1/4" HHB (WZ)
G	4	011-0002033	3/8-16 x 1 1/4" FHB (WZ)
H	13	011-0107022	3/8-16 x 5" HHB (WZ)
K	8	011-0107046	3/8-16 x 4 1/2" HHB (WZ)
L	3	011-0407020	3/8-16 x 1 3/4" HHB (WZ)
M	4	011-0007048	3/8-16 x 2 1/2" HHB (WZ)
N	8	011-0107047	3/8-16 x 3" HHB (WZ)
Q	4	011-0107011	5/16-18 x 1 1/4" HHB (WZ)
$\mathbf{s}$	16	011-0311005	10-32 x 1/8" Set Screw
T	2	011-0407039	$1/2-13 \times 2 3/4$ " HHB (WZ)
X	4	011-0107020	3/8-16 x 3 1/4" HHB (WZ)
AA	12	013-0102003	1/2" SAE Flat Washer (WZ)
AB	58	013-0402005	3/8" USS Flat Washer (WZ)
AC	4	013-0302008	5/16" SAE Flat Washer (WZ)
AD	6	013-0102020	3/8" Split Lock Washer (WZ)
BA	7	012-0304011	1/2"-13UNC Thin Nylok Nut (WZ)
BB	38	012-0402005	3/8"-16UNC Thin Nylok Nut (WZ)
CA	2	26-STD-06-0153	1/2" THK Weight Stack Bumper
CB	1	018-0002014	Ø4 1/2" Groove Pulley
CC	2	018-0002015	Ø3 1/2" Groove Pulley
CD	12	018-0001002	Ø3 1/2" Standard Pulley
CE	1	018-0001003	Ø4 1/2" Standard Pulley
CF	4	014-0011001	Nyliner Bushing
CG	2	026-01PL134	Guide Rod Bushing
CH	28	026-01PL269	Press Fit Cast Weight Bushing
CI	1	010-0008001	Lanyard Coil
CJ	1	026-01W0138	Selector Pin
CK	1	030-0303006	Ø7/16" x 3" Roll Pin
CL	1	014-001-5009	Lanyard Pin C-Clip
CM	4	026-01PL125	EZ Glide Sleeve
CO	1	016-0001003	1 1/2" x 2 1/2" End Cap
CP	1	016-0201004	1 1/2" x 1 1/2" End Cap
CQ	8	26-STD-06-0481	Roller Pad Bushing
CS	1	020-0014027	Adjustable Stop With Jam Nut 1/2" Flanged Oilite
CT	12	26-STD-08-0026	1/2 Flanged Onlie 1" Flanged Oilite
CU	$egin{smallmatrix} 2 \ 2 \end{bmatrix}$	014-0101014	1.28" I.D. Aluminum Ring
CW CX	2	026-01M0392 026-01M0391	1.28" I.D. Aliminum Cap
CZ	1	026-01PL382	Dual Stem Plug Bumper
DB	$\overset{1}{2}$	026-01PL369	Weight Stack Stand Off
DD	ī	010-01C280T	Leg Extension Cable
DG	$\overset{1}{2}$	026-01PL2004	Articulating Arm Bracket
DI	$\overline{2}$	026-01M0324	1.030" I.D. Dia x .375" Aluminum Ring
DJ	$ar{f 2}$	026-01M0323	1.030" I.D. Dia x .75" Aluminum Cap
DK	$\overline{2}$	016-0201017	Ø2.00 Plastic End Cap
DL	2	026-01PL235-27	Ø1.188 I.D. x 15.00 Rubber Grip
DM	$\overline{2}$	016-0002005	Ø.375 x 1.00 Sleeve
DN	2	026-01PL206-24	Ø.9375 I.D. x 18.75 Rubber Grip
$\mathbf{D}\mathbf{U}$	1	010-01C272T	Floating Pulley Cable
$\mathbf{DV}$	1	010-01C273T	Weight Stack Cable
DY	1	026-01PL371	Delrin Bushing
GA	2	016-0002007	Ø.375 x 1.60 Vinyl Sleeve
GB	1	026-01PL381	Bumper, Half Round, Dual Stem
GC	1	016-0201020	1 1/2" X 3 1/2" End Cap





#### **ABBREVIATION LISTING**

BZ = Black Zinc

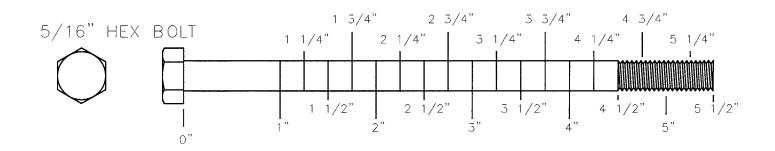
WZ = White Zinc

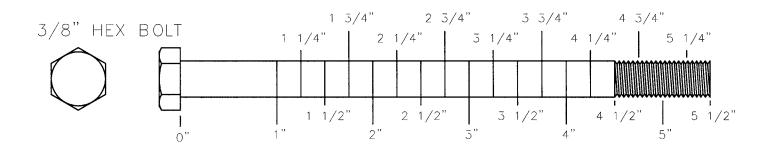
FHS = Flat Head Screw

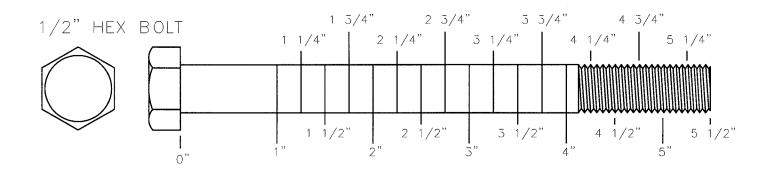
**BHS** = Button Head Screw

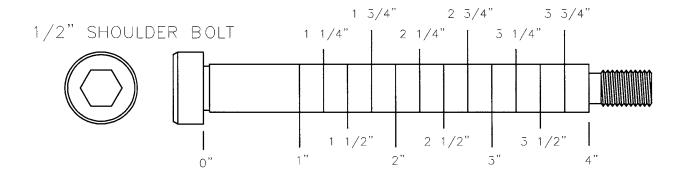
SHS = Socket Head Screw

HHB = Hex Head Bolt

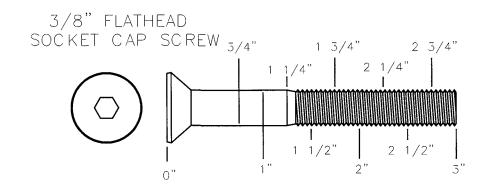


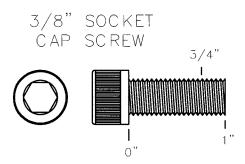


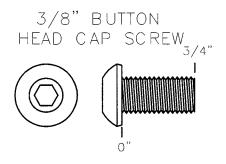


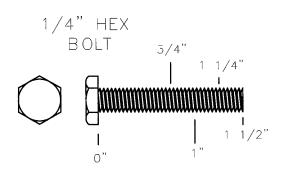


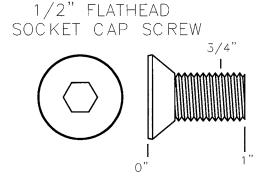




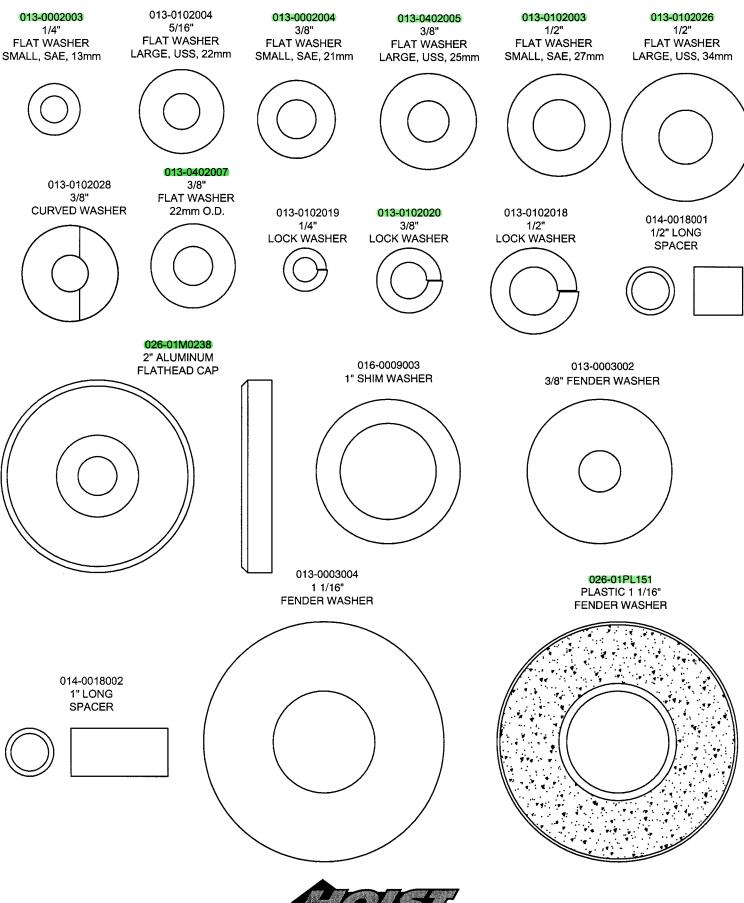


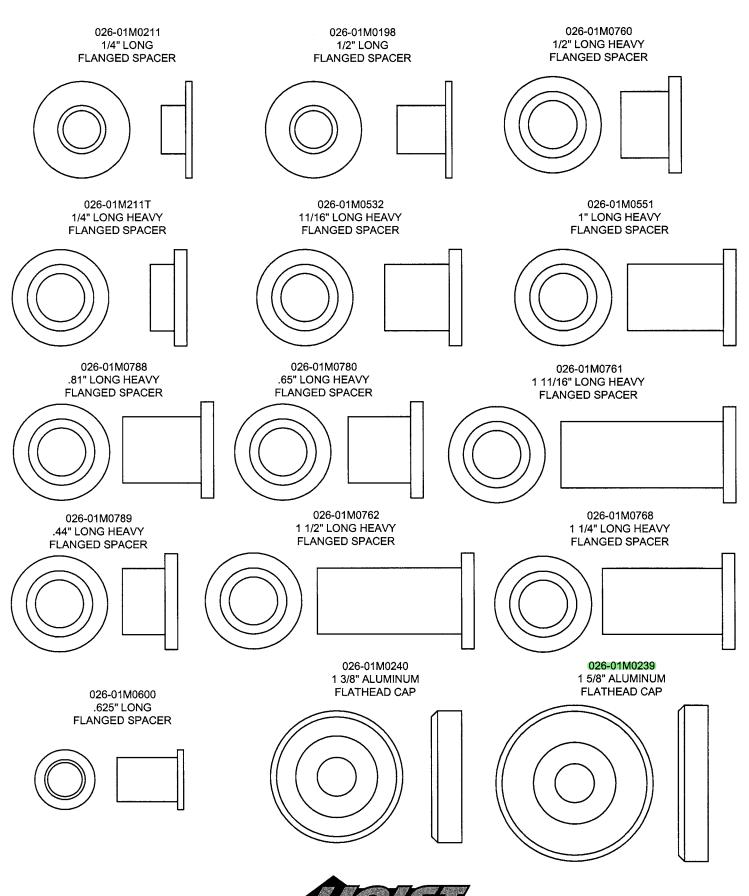














#### **MAINTENANCE SCHEDULE**

ROUTINE	COMMERCIAL MAINTENANCE	HOME MAINTENANCE	L	ATE.	STD	ATE	EN	TRY	_
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 Surface	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 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 warn upholstery immediately.
- \*Keep sharp or pointed objects clear of all upholstery.

#### Decals:

\*Inspect and familiarize 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 proper.

#### **Anti-Skid Surfaces:**

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

#### Belts and Cables:

- \*Hoist uses only high quality belt, and mil-spec cables.
- \*Visually inspect the belts and cables for fraying, cracking, peeling or discoloration.
- \*While the machine is not in use, carefully run your fingers along the belt or cable to feel for thinning or bulging areas.
- \*Replace belts and cables immediately at the first signs of damage or wear. Do not use equipment until belts or cables has been replaced.



# GENERAL MAINTENANCE INFORMATION (CONTINUED)

#### Belt and Cable Tension:

\*Referring to the Owners Manual, when belts or cables are used check all bolts attachments to be sure they are properly attached.

\*Check slack in cables and re-adjust cable tension if needed.

#### Seat Sleeves, Guide Rods:

\*Wipe down adjusting tubes with a dust free rag before applying lubricant.

\*Lubricate seat sleeves and guide rods with a Silicon or Teflon based lubricant spray.

#### **Linear Bearings:**

\*Referring to the 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



#### WEIGHT TRAINING TIPS

Always consult your physician before starting any exercise program.

To be successful in your exercise program, it is important to develop an understanding of the basic principles of strength training. Now that you have your V3 HOIST® Fitness System, it is only natural that you want to get started immediately. First, determine a set of realistic goals and objectives for yourself. By deciding on an exercise plan that is right for you prior to starting, you will contribute significantly to your success.

Warm up properly before engaging in weight resistance training. Stretching, yoga, jogging, calisthenics or other cardiovascular exercise can help prepare your body for the heavier workload of lifting weights.

Learn how to perform the exercise correctly before using heavy weight. Correct form is important to avoid injury and to ensure that you work the proper muscle groups.

Know your limitations. If you are new to weight training or are embarking on an exercise regimen after a long layoff, start slowly and build foundational strength over a longer period of time.

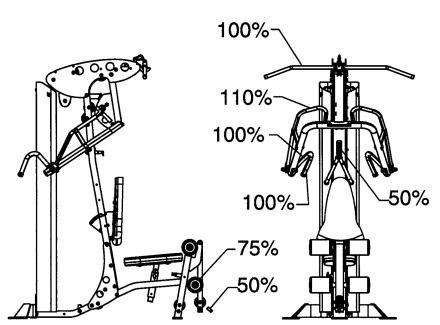
Pay attention to your breathing. Exhale when you exert is a general rule of thumb. Never hold your breath.

Use this manual to guide you through the basic exercises you can perform on your V3 machine. To gain maximum results and avoid possible injury, consult a fitness professional to develop your complete exercise program.

Enjoy your V3 HOIST® Fitness System!



#### WEIGHT RATIOS



Number of				
Plates	110%	100%	75%	50%
1	13	12	9	6
2	24	22	17	11
3	35	32	24	16
4	46	42	32	21
5	57	52	39	26
6	68	62	47	31
7	79	72	54	36
8	90	82	62	41
9	101	92	69	46
10	112	102	77	51
11	123	112	84	56
12	134	122	92	61
13	145	132	99	66
14	156	142	107	71
15	167	152	114	76
16	178	162	122	81
17	189	172	129	86
18	200	182	137	91
19	211	192	144	96
20	222	202	152	101

The above chart shows the standard weight stack plus the additional 5 plate optionfor this unit. The weights listed are approximate and have been rounded off to the nearest pound. To find the actual weight you are lifting you would come down from the ratio being used and across from the number of the weight plate you have pinned. Hoist reserves the right to modify the weight stack from the one shown without prior notice.



# EXERCISE DESCRIPTION VERTICAL BENCH PRESS



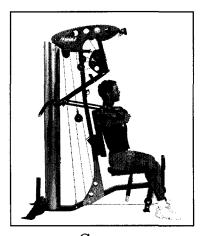
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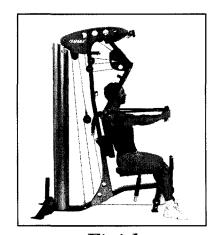
**Finish** 

- 1. Sit upright with your back supported by the back pad.
- 2. Adjust the back pad angle, if needed.
- 3. Hold the articulating handles at chest height; adjust the seat if needed.
- 4. Press the handles forward until your arms are fully extended.
- 5. Slowly return to the starting position.

#### **PECTORAL FLY**



Start



**Finish** 

- 1. Sit upright with your back supported by the back pad; adjust the back pad, if needed.
- 2. Grip the articulating handles in a neutral position. Keep your arms out, at chest level, with your elbows slightly bent.
- 3. Rotate arms forward, pivoting from the shoulder. Finish by bringing hands together in front of your chest.
- 4. Slowly return to the starting position.

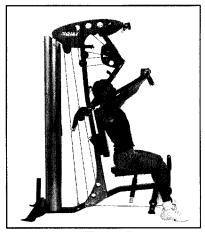


#### **EXERCISE DESCRIPTION**

#### **INCLINE PRESS**



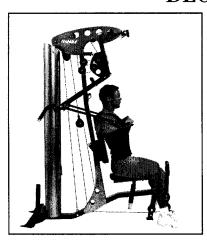
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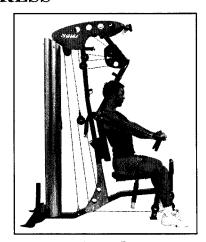
Finish

- 1. Sit upright with your back supported by the back pad. Adjust the pad angle, if needed.
- 2. Hold the articulating handles at chest height; adjust seat, if necessary.
- 3. Press the handles at an upward angle until your arms are fully extended.
- 4. Slowly return to the starting position.

#### **DECLINE PRESS**



Start

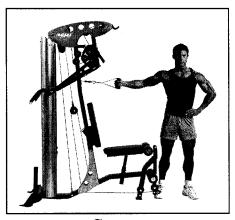


**Finish** 

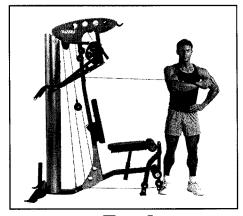
- 1. Sit upright with your back supported by the back pad. Adjust the pad angle, if needed.
- 2. Hold the articulating handles at chest height; adjust the seat, if necessary.
- 3. Press handles at a downward angle until arms are fully extended.
- 4. Slowly return to the starting position.



### EXERCISE DESCRIPTION PECTORAL CROSSOVER



Start



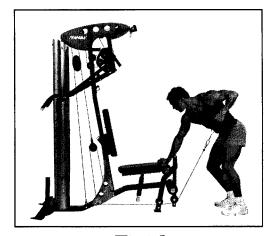
**Finish** 

- 1. Attach one strap handle to the middle pulley.
- 2. Stand sideways to the machine.
- 3. Grip the handle with the hand closest to the pulley and arc the arm forward keeping a slight bend at the elbow.
- 4. Slowly return to the starting position.

#### **BENT OVER ROW**



Start

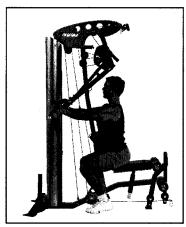


**Finish** 

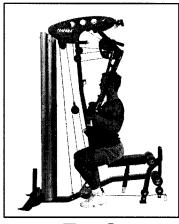
- 1. Attach one strap handle to the lower pulley.
- 2. Grasp the handle. Bend over using the upper roller for support keeping knees bent. Do not bend over further than  $90^{\circ}$ .
- 3. Pull arm upward keeping your elbow close to your body.
- 4. Slowly return to the starting position.

#### **EXERCISE DESCRIPTION**

#### **SEATED MID ROW**



Start



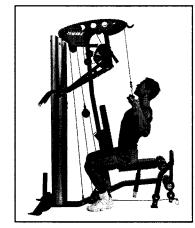
**Finish** 

- 1. Sit facing the machine. Adjust the back pad so that your chest is supported when the mid row handles are just beyond your reach.
- 2. Adjust the seat height, if necessary, to grip the handles as shown.
- 3. Pull the handles towards you.
- 4. Slowly return to the starting position.

#### LAT PULLDOWN



Start



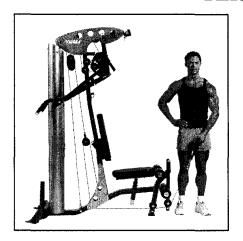
**Finish** 

- 1. Sit facing forward with your knees locked under the upper roller pads.
- 2. Grip the lat bar with your hands slightly wider than shoulder width, with your palms facing forward.
- 3. Lean back slightly, and pull the bar down slowly until it touches your upper chest area.
- 4. Slowly return to the starting position.

V-3 Assembly Page - 58

#### **EXERCISE DESCRIPTION**

#### LATERAL DELTOID

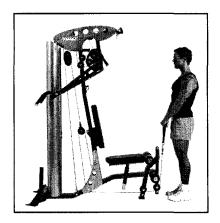


Start

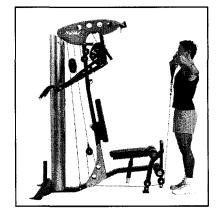
**Finish** 

- 1. Attach one strap handle to the lower pulley.
- 2. Stand sideways to the machine, and grip the handle with the hand furthest away from the machine.
- 3. Raise your arm laterally until it is approximately parallel with the floor. Keep a slight bend in your elbow.
- 4. Slowly return to the starting position.

#### **UPRIGHT ROW**



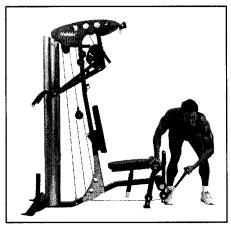
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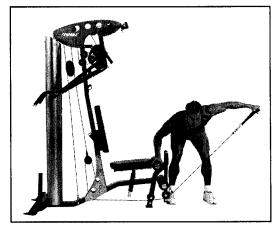
**Finish** 

- 1. Attach both strap handles to the lower pulley.
- 2. Grip the handles with your hands in an overhand position. Keep your hands approximately 4" to 6" apart.
- 3. Keeping your elbows above your hands, slowly pull upwards until your hands are above your chest.
- 4. Slowly return to starting position.

# EXERCISE DESCRIPTION BENT OVER REAR DELT



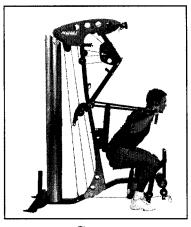
Start



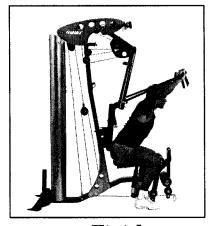
**Finish** 

- 1. Attach one strap handle to the lower pulley.
- 2. Stand sideways to machine, and bend at the waist until your body is parallel to the floor. Leave a slight bend in your knees, and use the upper roller for support.
- 3. Grip the handle with the hand furthest from the machine, and arc your arm upwards, keeping a slight bend in your elbow.
- 4. Slowly return to the starting position.

#### **SHOULDER PRESS**



Start



**Finish** 

- 1. Sit leaning forward with your buttocks against the back pad.
- 2. Hold the articulating handles slightly above shoulder height.
- 3. Press the handles at an upward angle until your arms are fully extended.
- 4. Slowly return to the starting position.

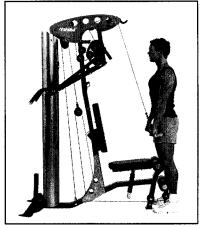


#### **EXERCISE DESCRIPTION**

#### TRICEPS PUSHDOWN



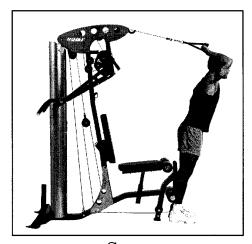
Start



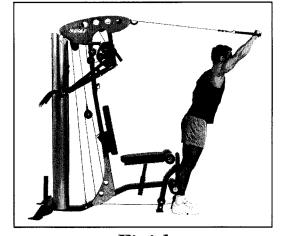
**Finish** 

- 1. Stand facing towards the machine.
- 2. Grip the lat bar with your hands 4" to 6" apart, palms facing foward.
- 3. Bring the bar to chest height. Keep your arms tight against your body, and push the bar down slowly.
- 4. Slowly return to the starting position.

#### STANDING TRICEPS EXTENSION



Start

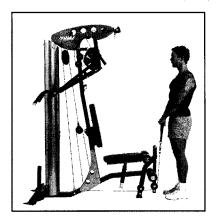


**Finish** 

- 1. Attach one strap handle to the upper pulley.
- 2. Stand with your back to the machine.
- 3. Hold the handle behind your head. Keep your elbow close to the side of your head.
- 4. Push the handle forward until your arm is fully extended.
- 5. Slowly return to the starting position.

#### **EXERCISE DESCRIPTION**

#### **REVERSE CURL**



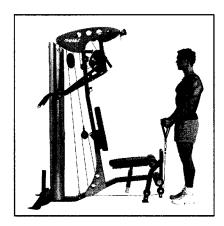
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Start

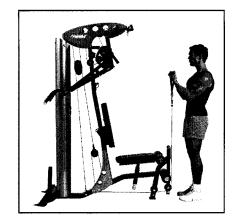
**Finish** 

- 1. Attach both strap handles to the lower pulley.
- 2. Stand facing the machine. Grip the handles with your hands in an overhand position. Keep your hands approximately 6" apart.
- 3. Curl your arms upward slowly.
- 4. Slowly return to the starting position.

#### **BICEPS CURL**





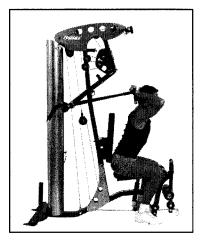


**Finish** 

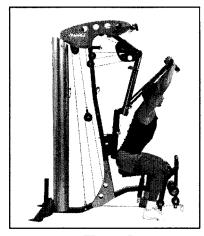
- 1. Attach both strap handles to the lower pulley.
- 2. Stand facing the machine. Grip the strap handles with your hands in an underhand position. Keep your hands approximately 6" apart.
- 3. Curl your arms upward slowly.
- 4. Slowly return to the starting position.



### EXERCISE DESCRIPTION SEATED TRICEPS EXTENSION



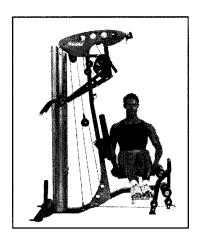
Start



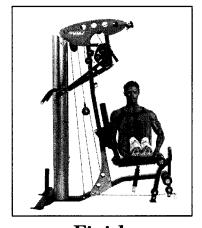
**Finish** 

- 1. Sit leaning forward with your buttocks against the back pad.
- 2. Hold the articulating handles behind your head with your elbows close to the sides of your head.
- 3. Keeping your elbows next to your head, slowly extend your arms forward until your arms are fully extended.
- 4. Slowly return to the starting position.

#### KNEE RAISE



Start



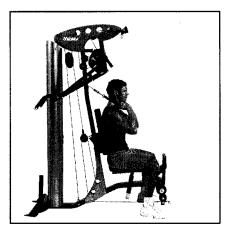
**Finish** 

- 1. Sit on the seat with your legs extended to one side.
- 2. Grip the ends of the seat pad for balance.
- 3. Leaning back to balance yourself, lift feet slightly off the ground.
- 4. Lift knees upwards towards your chest.
- 5. Slowly return to the starting position.



#### **EXERCISE DESCRIPTION**

#### ABDOMINAL CRUNCH

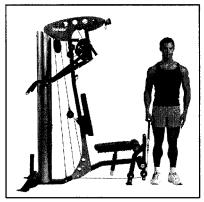


Start

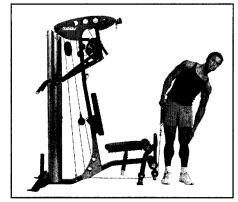
**Finish** 

- 1. Attach both strap handles to the mid-pulley.
- 2. Sit on the seat with your back supported by the back pad.
- 3. Hold handles at chest level.
- 4. Curl your body forward approximately half way towards your knees, pivoting from the upper abdominal area.
- 5. Slowly return to the starting position.

#### SIDE BEND



Start



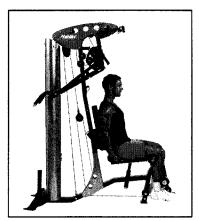
**Finish** 

- 1. Attach one strap handle to the lower pulley.
- 2. Stand sideways to the machine, and grip handle with the hand closest to the machine.
- 3. Keep arm straight while crunching your upper body over and away from the machine.
- 4. Slowly return to the starting position.



#### **EXERCISE DESCRIPTION**

#### LEG EXTENSION



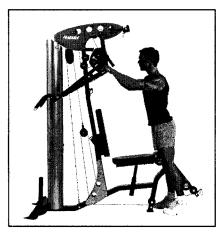


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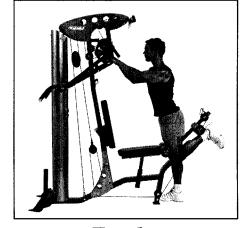
Finish

- 1. Adjust the seat and upper roller pad so that the pivot of the leg extension/leg curl arm lines up with the pivot point of your knee when seated.
- 2. Adjust back pad angle, if needed.
- 3. Hook your legs over the upper roller pads and your feet under the lower roller pads.
- 4. Extend your legs forward, and hold your position momentarily.
- 5. Slowly return to the starting position.

#### STANDING LEG CURL





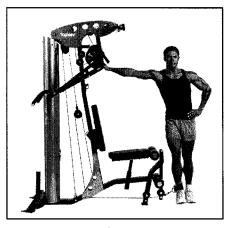


**Finish** 

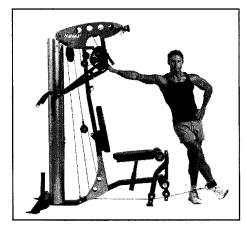
- 1. Stand facing the machine, and adjust the upper roller pads to hit just above your knees.
- 2. Hook one foot under the lower roller pad, and grip the press arm for balance.
- 3. Curl your leg upward, and hold your position momentarily.
- 4. Slowly return to the starting position.

#### **EXERCISE DESCRIPTION**

#### **INNER THIGH**



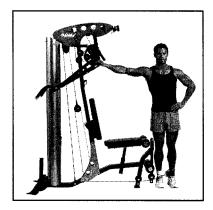
Start



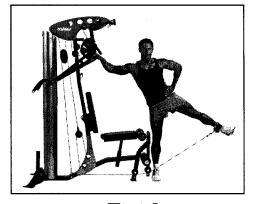
**Finish** 

- 1. Attach the padded cuff to the lower pulley.
- 2. Stand sideways to the machine.
- 3. Attach cuff to the leg closest to the machine. Balance yourself by holding the press arm.
- 4. Slowly scissor your leg across your body while keeping your body straight.
- 5. Slowly return to the starting position.

#### **OUTER THIGH**



Start



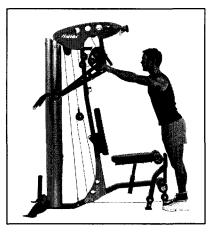
**Finish** 

- 1. Attach the padded cuff to the lower pulley.
- 2. Stand sideways to the machine.
- 3. Attach the cuff to the leg furthest from the machine. Balance yourself by holding the press arm.
- 4. While keeping your leg straight and positioned slightly in front of your body, lift your leg outward and upward as far as possible. Keep your body straight, and lead with your heel.
- 5. Slowly return to the starting position.

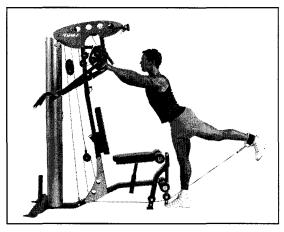


#### **EXERCISE DESCRIPTION**

#### **GLUTE KICK**



Start

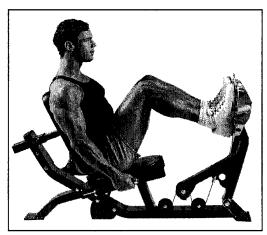


**Finish** 

- 1. Attach the padded cuff to the lower pulley.
- 2. Attach the cuff to your ankle. Angle your upper body forward; use the press arm for balance.
- 3. Keep your hips stationary and your leg straight. Slowly raise your foot up, in a backwards direction, as far as possible. Keep your toe pointed straight down.
- 4. Contract your buttock at the peak of the movement, and hold your position momentarily.
- 5. Slowly return to the starting position.

#### **EXERCISE DESCRIPTION**

**LEG PRESS** (optional)

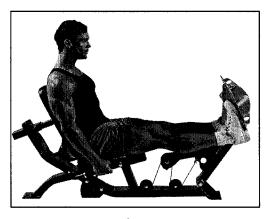


Start

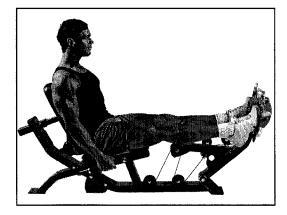
**Finish** 

- 1. Adjust the back pad so legs are bent when your feet are placed on the foot plate. Position your knees as close to your body as possible without bending past a 90° angle.
- 2. Slowly push your legs to a straight position, leaving a slight bend in your knees when fully extended. Never allow your knees to lock during the movement.
- 3. Slowly return to the starting position.

#### **TOE RAISE** (optional)







**Finish** 

- 1. Adjust the back pad so legs are slightly bent when your feet are placed on the foot plate.
- 2. Fully extend legs with your heels slightly lower than the bottom of the foot plate. Do not lock your knees.
- 3. Keep your knees in the position described above; flex your toes forward as far as possible.
- 4. Slowly return to the starting position.



#### HOIST FITNESS SYSTEMS LIMITED LIFETIME WARRANTY

Hoist Fitness Systems warrants this product to the **original 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 reinstallation. 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 one year; all malfunctions of electronic components, belts, or cables 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.

**HOME USE**: All malfunctions of grips, paint, and chrome that occur after ten years; all malfunctions of electronic components, belts, cables, or upholstery that occur after ten years; all malfunctions of pulleys, bearings, or bushings that occur after ten 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 damages.

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 five (5) year warranties 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 Hoist 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

PLEASE KEEP THIS FOR YOUR RECORDS

