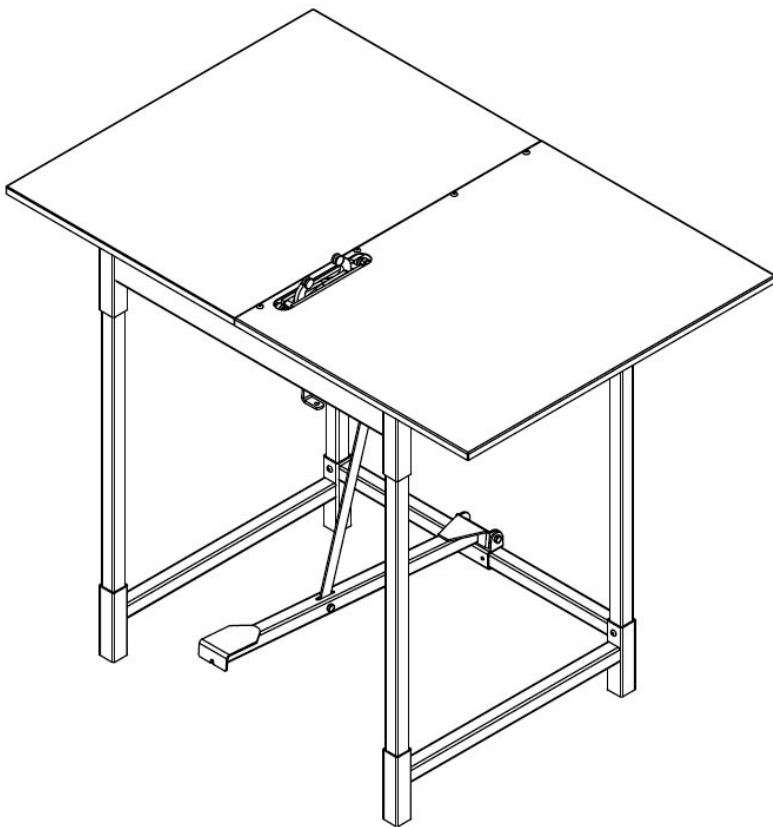


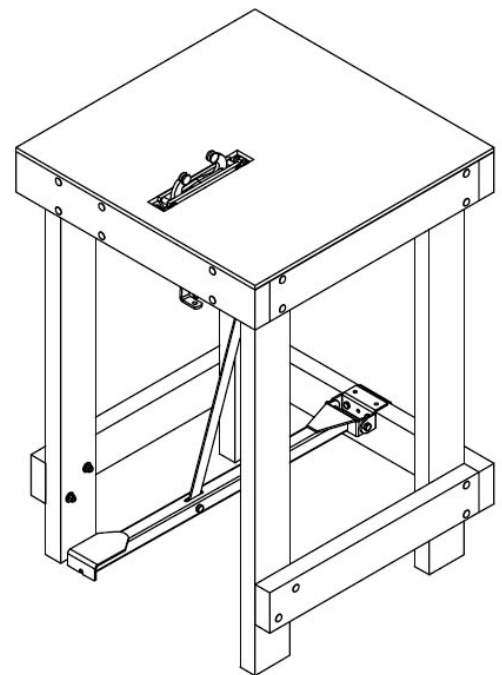


MITCHELL METAL PRODUCTS
Excellence From Start to Finish

MITCHELL WREATH RINGS NO-HAMMER™ ASSEMBLY INSTRUCTION

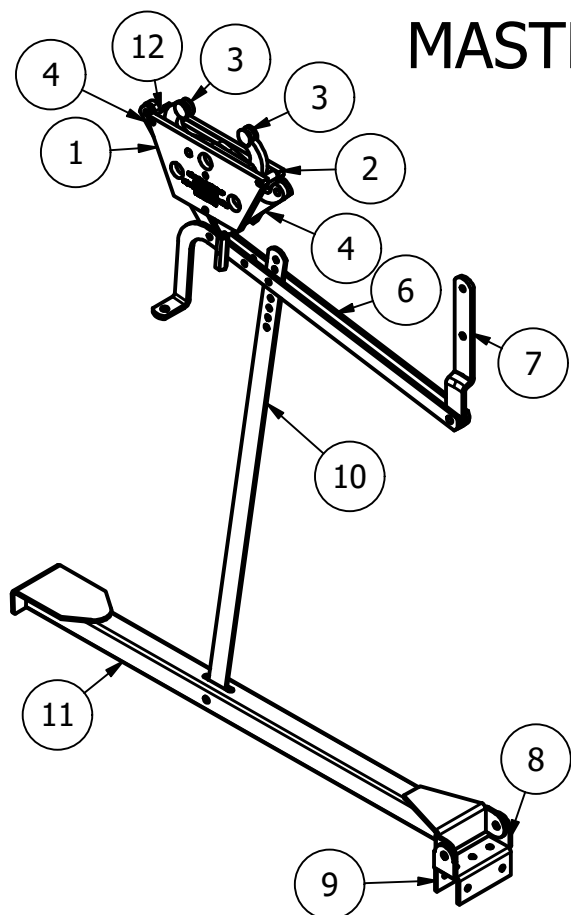


**METAL STAND WITH
NO-HAMMER™ MACHINE**



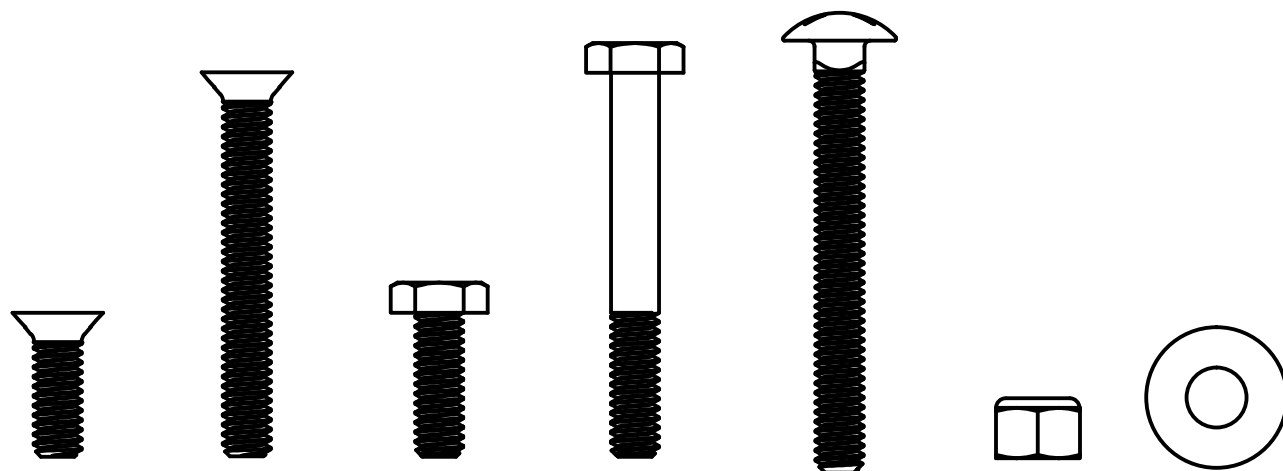
**WOOD STAND WITH
NO-HAMMER™ MACHINE**

MASTER PARTS LIST



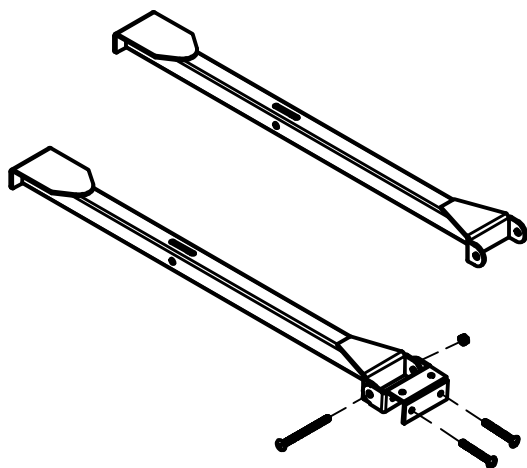
ITEM NO.	PART NUMBER	DESCRIPTION	DEFAULT/QTY
1	589000-111	NO-HAMMER OUTSIDE PLATE ASSEMBLY	1
2	589000-121	NO-HAMMER INSIDE PLATE ASSEMBLY	1
3	589000-130	JAW ASSEMBLY, NO-HAMMER	2
4	589000-140	SHORT LINK	2
5	589000-150	BENT HOOK LEVER ASSEMBLY	1
6	589000-160	STRAIGHT LEVER	1
7	589000-170	OFF SET LINK	1
8	589000-180	OUTSIDE FOOT PEDAL BRACKET	1
9	589000-181	FOOT PEDAL BACK UP PLATE	1
10	589000-190	LONG LINK	1
11	589000-200	FOOT PEDAL ASSEMBLY	1
12	589000-210	SPACER	3
13	SHSCRW .3125-18X.75 X0.50	SHOULDER SCREW	2

THE BELOW SET IS PART NUMBER "589000-225" DESCRIPTION "HARDWARE PACK"
ALL FASTENERS SHOWN TO CORRECT SIZE



(A)	(B)	(C)	(D)	(E)	(F)	(G)
1/4-20 X 3/4"	1/4-20 X 2-1/4"	1/4-20 X 3/4"	1/4-20 x 2"	1/4-20 X 2-1/4"	1/4-20	1/4" PLAIN
CSCS	CSCS	HEX BOLT	HEX BOLT	CARRIAGE	NYLOCK HEX	WASHER
QTY 3	QTY 3	QTY 2	QTY 2	BOLT	NUT	QTY 5
				QTY 2	QTY 5	

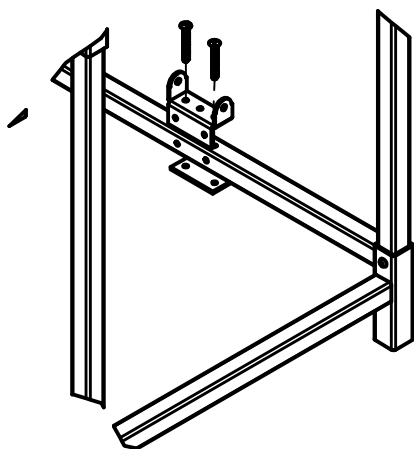
NO-HAMMER METAL FRAME INSTALLATION



STEP 1

REMOVE THE OUTSIDE FOOT PEDAL BRACKET FROM FOOT PEDAL ASSEMBLY BY REMOVING THE INSTALLED $\frac{5}{16}$ " HEX BOLT & NUT SHOWN IN DIAGRAM TO THE LEFT

1. REMOVE THE TWO $\frac{1}{4}$ " HEX BOLTS, WASHERS & NUTS FROM THE OUTSIDE FOOT PEDAL BRACKET AND BACK UP PLATE



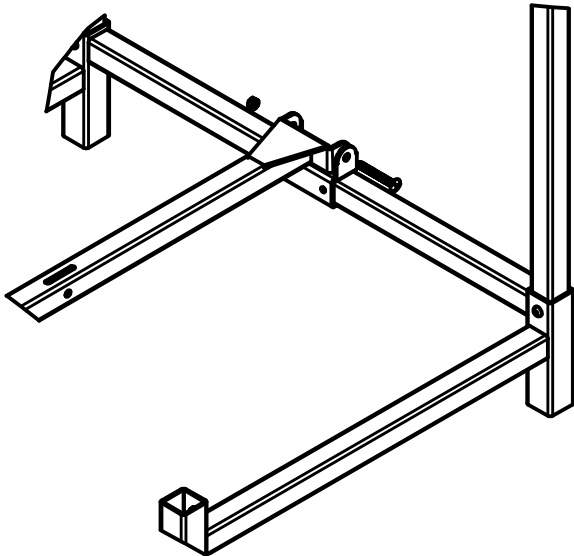
STEP 2*

TO MOUNT THE FOOT PEDAL BRACKET TO THE FRAME:

- PLACE THE OUTSIDE FOOT PEDAL BRACKET AND BACKUP PLATE IN THE ORIENTATION SHOWN IN THE DIAGRAM
- REPLACE THE TWO $\frac{1}{4}$ " HEX BOLTS, WASHERS & NUTS GOING THRU THE PRE-DRILLED HOLES OF THE METAL FRAME**
- TIGHTEN THE INSTALLED BOLTS

* PLEASE NOTE SOME FRAMING MEMBERS NOT SHOWN FOR VISUAL CLARITY

** FOR DETAILED INSTRUCTIONS REGARDING ASSEMBLING A METAL FRAME, PLEASE VISIT OUR WEBSITE AT WWW.MITICHELLWREATHRINGS.COM



STEP 3*

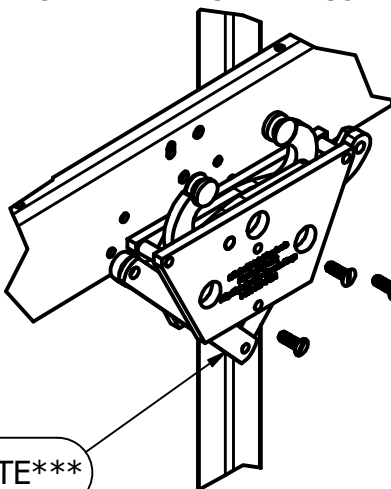
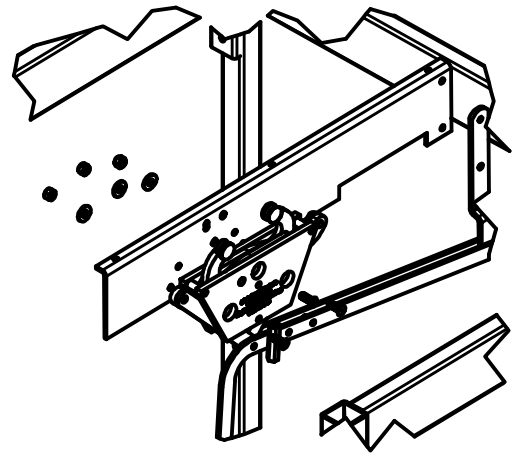
TO FINISH INSTALLING THE FOOT LEVER ASSEMBLY TO THE FRAME:

1. REPLACE THE FOOT LEVER INTO THE FOOTPEDAL BRACKET AS SHOWN TO THE LEFT
2. REPLACE THE $\frac{5}{16}$ " HEX BOLT & NUT REMOVED IN THE PREVIOUS STEP
3. TIGHTEN THE INSTALLED BOLT UNTIL SNUG AND THEN **LOOSEN ONE FULL TURN**

STEP 4*

MOUNTING THE HEAD ASSEMBLY TO THE FRAME:

1. GATHER THE THREE $\frac{1}{4}$ X 20 X $\frac{3}{4}$ COUNTER SINK SCREWS, WASHERS & NUTS FOUND IN THE HARDWARE PACK INCLUDED WITH THE NO-HAMMER MACHINE
2. PLACE THE HEAD ASSEMBLY IN THE ORIENTATION SHOWN IN THE DIAGRAM TO THE RIGHT
3. INSERT THE SCREWS THRU LARGE HOLES ON THE FACE OF THE HEAD ASSEMBLY AND INTO THE PRE DRILLED HOLES OF THE METAL FRAME**AS SHOWN IN THE ZOOMED-IN DIAGRAM BELOW
4. TIGHTEN THE INSTALLED SCREWS WITH WASHERS & NUTS



A

STEP 5*

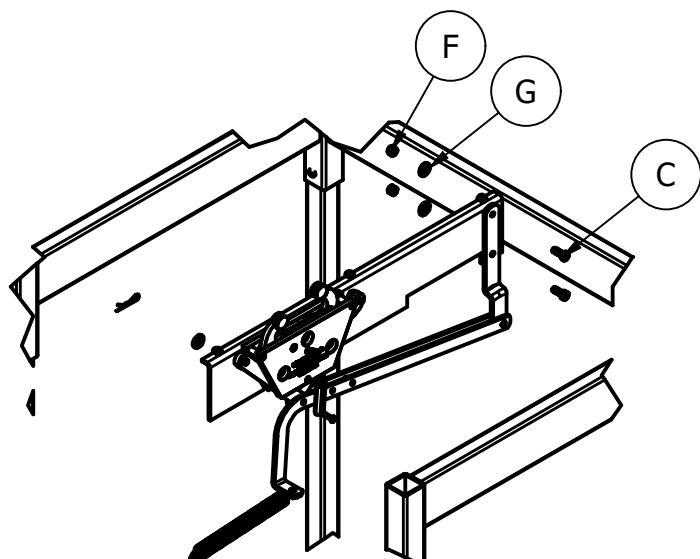
AFTER TIGHTENING THE SCREW, ROTATE THE CLAMPING LEVERS TO ENSURE THERE IS NO BINDING. THE LEVERS SHOULD FREELY MOVE WITH NO RESISTANCE

NOTE***

* PLEASE NOTE SOME FRAMING MEMBERS NOT SHOWING FOR VISUAL CLARITY

** FOR DETAILED INSTRUCTIONS REGARDING ASSEMBLING A METAL FRAME, PLEASE VISIT OUR WEBSITE AT WWW.MITCHELLWREATHRINGS.COM

*** PLEASE NOTE THE LEVER ARMS MUST BE ROTATED DOWN TO INSTALL THE COUNTER SINK SCREWS

**STEP 6***

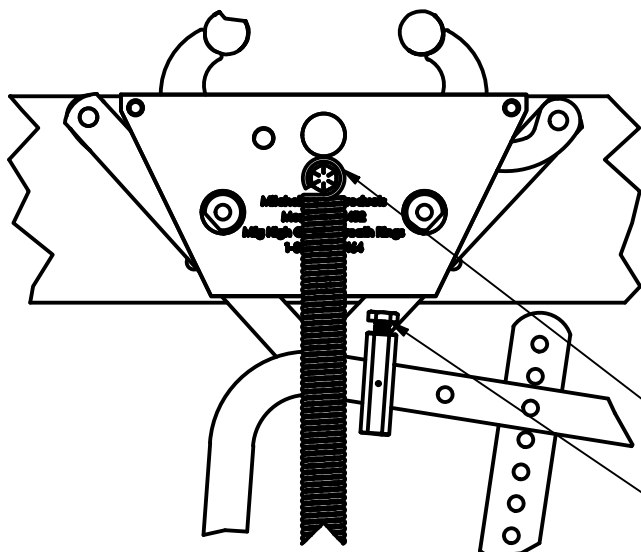
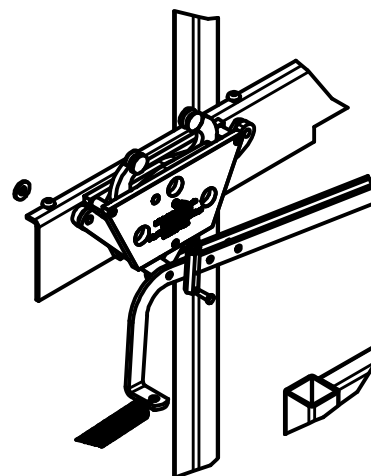
INSTALLING THE HOOK LEVER ASSEMBLY TO THE METAL FRAME:

1. GATHER THE TWO $\frac{1}{4}$ -20X $\frac{3}{4}$ " HEX BOLTS, WASHERS & NUTS FOUND IN THE HARDWARE PACK INCLUDED WITH THE NO-HAMMER MACHINE
2. PLACE THE HOOK LEVER ASSEMBLY IN THE ORIENTATION SHOWN IN THE DIAGRAM TO THE LEFT
3. INSERT THE HEX BOLTS, THRU THE PRE-DRILLED HOLES OF THE METAL FRAME** AND TIGHTEN WITH WASHERS AND NUTS. AS SHOWN IN THE DIAGRAM TO THE LEFT

STEP 7*

TO CONNECT THE HEAD ASSEMBLY TO THE HOOK LEVER ASSEMBLY:

1. REMOVE PRE-INSTALLED SHOULDER BOLT, WASHER & NUT FROM HOOK LEVER ASSEMBLY AS SHOWN IN THE DIAGRAM TO THE RIGHT
2. INSERT HEAD ASSEMBLY LOWER ARMS BETWEEN HOOK LEVER BARS
3. REINSTALL SHOULDER BOLT, AND TIGHTEN WITH WASHER & NUT

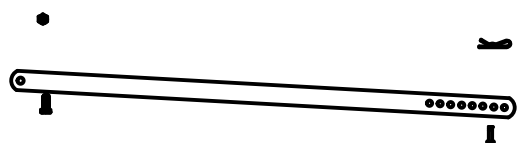
**STEP 8***

INSTALL LOOSE END OF THE SPRING TO THE PRE-INSTALLED BOLT PROTRUDING FROM THE HEAD ASSEMBLY

THIS BOLT WILL NEED TO BE ADJUSTED WHEN THE MACHINE HAS BEEN FULLY ASSEMBLED

* PLEASE NOTE SOME FRAMING MEMBERS NOT SHOWN FOR VISUAL CLARITY

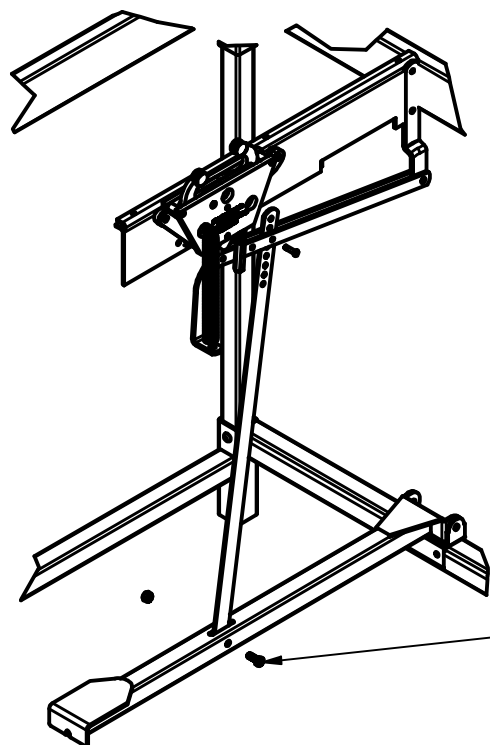
** FOR DETAILED INSTRUCTIONS REGARDING ASSEMBLING A METALFRAME, PLEASE VISIT OUR WEBSITE AT WWW.MITCHELWREATHRINGS.COM



STEP 9*

CONNECTING THE HOOK LEVER & FOOT PEDAL ASSEMBLIES:

1. REMOVE THE PRE-INSTALLED CLEVIS PIN, WASHER, COTTERPIN, HEX BOLT, AND NUT FROM THE LINKAGE ASSEMBLY & FOOT PEDAL ASSEMBLY AS SHOWN IN THE DIAGRAM TO THE LEFT



STEP 10***

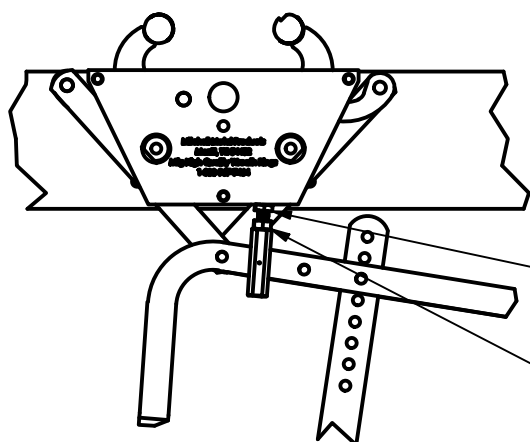
INSTALL THE LONG LINK:

1. INSERT THE LONG LINK BETWEEN THE BARS OF THE HOOK LEVER ASSEMBLY
2. INSERT CLEVIS PIN THROUGH HOOK LEVER ASSEMBLY AND LONG LINK AND SECURE WITH COTTER KEY

INSERT THE $\frac{5}{16}$ " BOLT & THROUGH THE FOOT PEDAL AND LONG LINK HOLES SECURE WITH WASHER AND NUT

STEP 11*

THIS BOLT ADJUSTS THE STARTING POSITION OF THE JAWS WHEN PLACING A MITCHELL WREATH RING INTO THE MACHINE IT CAN BE ADJUSTED FOR THE SMALL, REGULAR & LARGE STYLE CLAMP RINGS



LOOSEN THIS BOLT UNTIL THE JAWS REST AGAINST THE **UNFOLDED** CLAMP RING OF YOUR STYLE

TIGHTEN THE NUT TO SECURE ADJUSTMENT BOLT IN PLACE

* PLEASE NOTE SOME FRAMING MEMBERS NOT SHOWN FOR VISUAL CLARITY

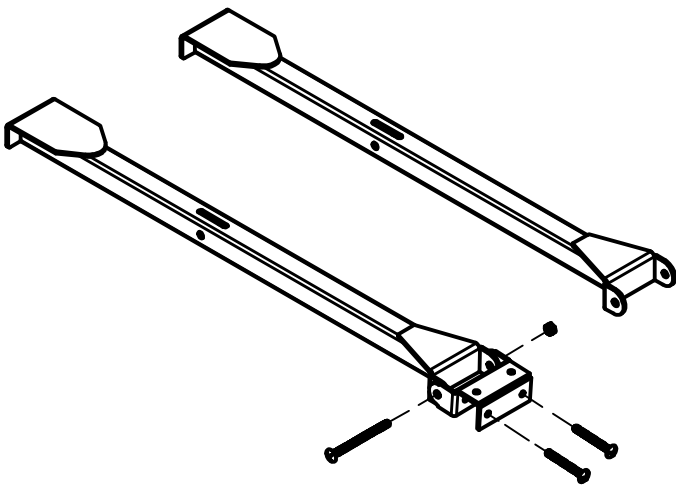
** MULTIPLE HOLES HAVE BEEN INSERTED INTO THE LINKAGE ASSEMBLY. THESE ARE TO RAISE OR LOWER THE FOOT PEDAL TO A COMFORTABLE LEVEL

*** THE MULTIPLE HOLES ARE THERE TO ALLOW ADJUSTMENT OF THE HEIGHT OF THE FOOT PEDAL WITH THE JAWS IN THEIR FURTHEST OPEN POSITION. THIS IS A PERSONAL PREFERENCE ADJUSTMENT DEPENDING ON THE COMFORT OF THE OPERATOR

TOOLS NEEDED

- SCREWDRIVER (FLAT BLADE)
- $\frac{7}{16}$ " AND $\frac{1}{2}$ " WRENCHES, OR ADJUSTABLE WRENCHES, OR SOCKET SET WITH RATCHET
- A PAIR OF RUGGED WORK GLOVES
- A PAIR OF SAFETY GLASSES

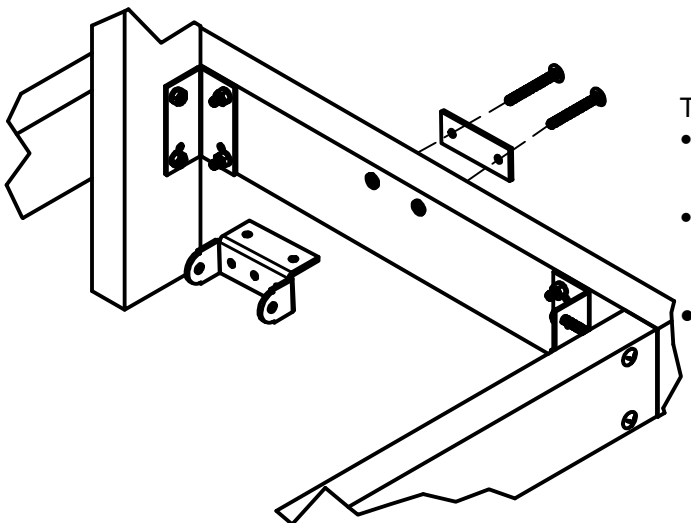
NO-HAMMER WOODEN FRAME INSTALLATION



STEP 1

REMOVE THE OUTSIDE FOOT PEDAL BRACKET FROM FOOT PEDAL ASSEMBLY BY REMOVING THE INSTALLED $\frac{5}{16}$ " HEX BOLT & NUT SHOWN IN DIAGRAM TO THE LEFT

1. REMOVE THE TWO $\frac{1}{4}$ " HEX BOLTS, WASHERS & NUTS FROM THE OUTSIDE FOOT PEDAL BRACKET AND BACK UP PLATE



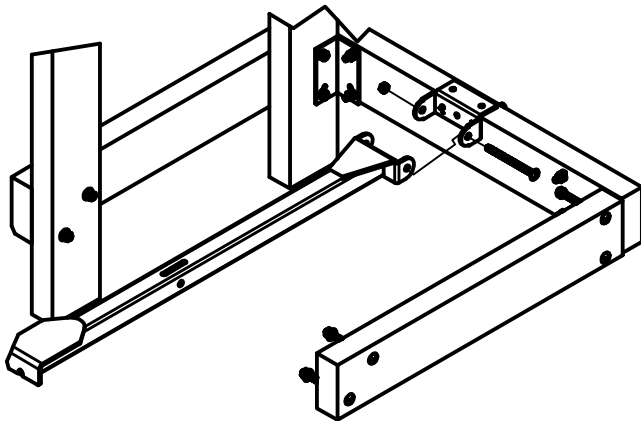
STEP 2*

TO MOUNT THE FOOT PEDAL ASSEMBLY TO THE FRAME:

- PLACE THE OUTSIDE FOOT PEDAL BRACKET AND BACKUP PLATE IN THE ORIENTATION SHOWN IN THE DIAGRAM
- REPLACE THE TWO $\frac{1}{4}$ " HEX BOLTS, WASHERS & NUTS GOING THRU THE PRE-DRILLED HOLES OF THE METAL FRAME**
- TIGHTEN THE INSTALLED BOLTS

* PLEASE NOTE SOME FRAMING MEMBERS NOT SHOWN FOR VISUAL CLARITY

** FOR DETAILED INSTRUCTIONS REGARDING BUILDING A WOODEN FRAME, PLEASE VISIT OUR WEBSITE AT WWW.MITCHELLWREATHRINGS.COM



STEP 3*

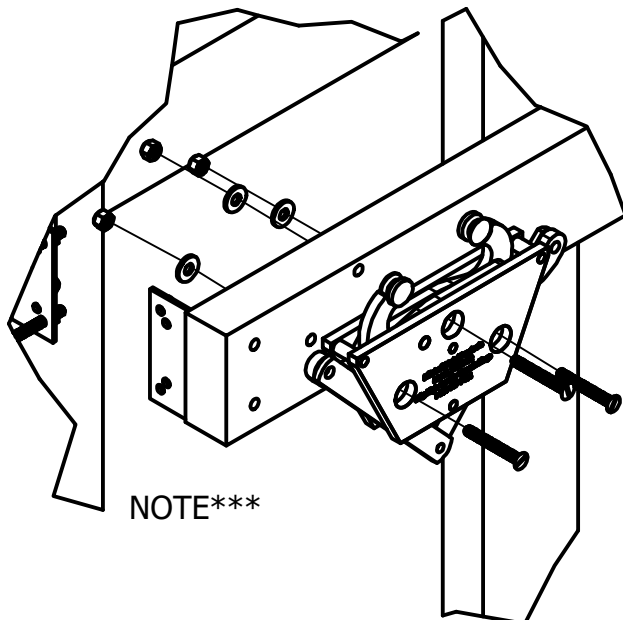
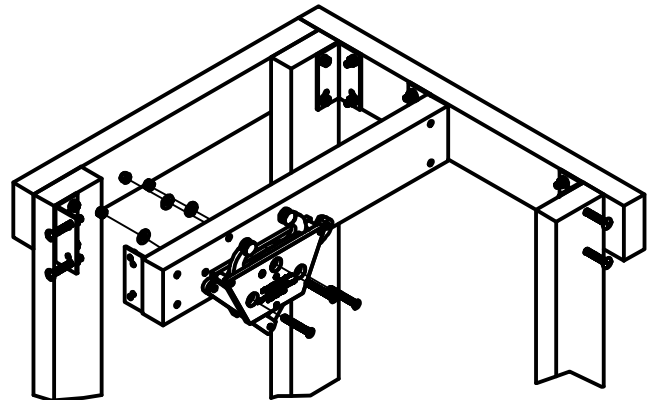
TO FINISH ASSEMBLING THE FOOT LEVER ASSEMBLY TO THE FRAME:

1. REPLACE THE FOOT LEVER INTO THE ORIGINAL POSITION OF THE HINGE SUBASSEMBLY
2. REPLACE THE $\frac{5}{16}$ " HEX BOLT & NUT REMOVED IN THE PREVIOUS STEP
3. TIGHTEN THE INSTALLED BOLT UNTIL SNUG AND THEN **LOOSEN ONE FULL TURN**

STEP 4*

MOUNTING THE HEAD ASSEMBLY TO THE FRAME:

1. GATHER THE THREE $\frac{1}{4}$ X 20 X $\frac{3}{4}$ COUNTER SINK SCREWS, WASHERS & NUTS FOUND IN THE HARDWARE PACK INCLUDED WITH THE NO-HAMMER MACHINE
2. PLACE THE HEAD ASSEMBLY IN THE ORIENTATION SHOWN IN THE DIAGRAM TO THE RIGHT
3. INSERT THE SCREWS THRU LARGE HOLES ON THE FACE OF THE HEAD ASSEMBLY AND INTO THE PRE DRILLED HOLES OF THE METAL FRAME**AS SHOWN IN THE ZOOMED-IN DIAGRAM BELOW
4. TIGHTEN THE INSTALLED SCREWS WITH WASHERS & NUTS



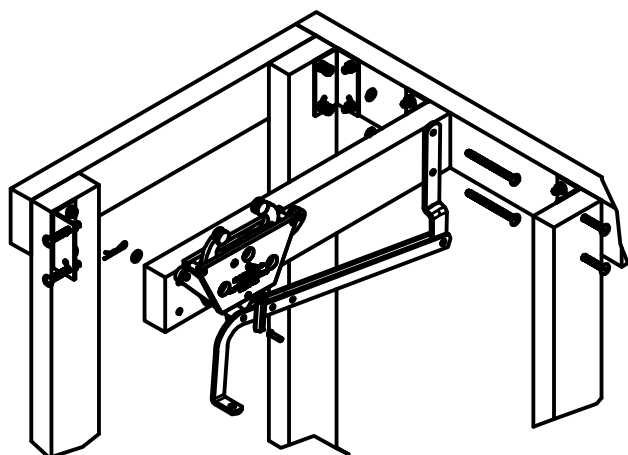
STEP 5*

AFTER TIGHTENING THE SCREW, ROTATE THE CLAMPING LEVERS TO ENSURE THERE IS NO BINDING. THE LEVERS SHOULD FREELY MOVE WITH NO RESISTANCE

* PLEASE NOTE SOME FRAMING MEMBERS NOT SHOWN FOR VISUAL CLARITY

** FOR DETAILED INSTRUCTIONS REGARDING BUILDING A WOODEN FRAME, PLEASE VISIT OUR WEBSITE AT WWW.MITCHELLWREATHRINGS.COM

*** PLEASE NOTE THE LEVER ARMS MUST BE ROTATED DOWN TO INSTALL THE COUNTER SINK SCREWS



STEP 6*

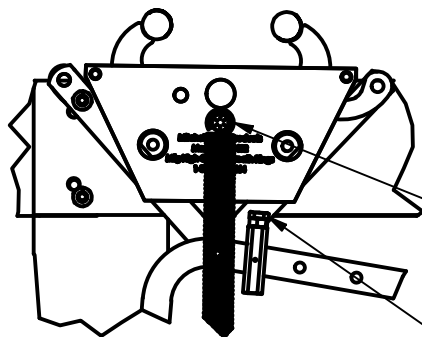
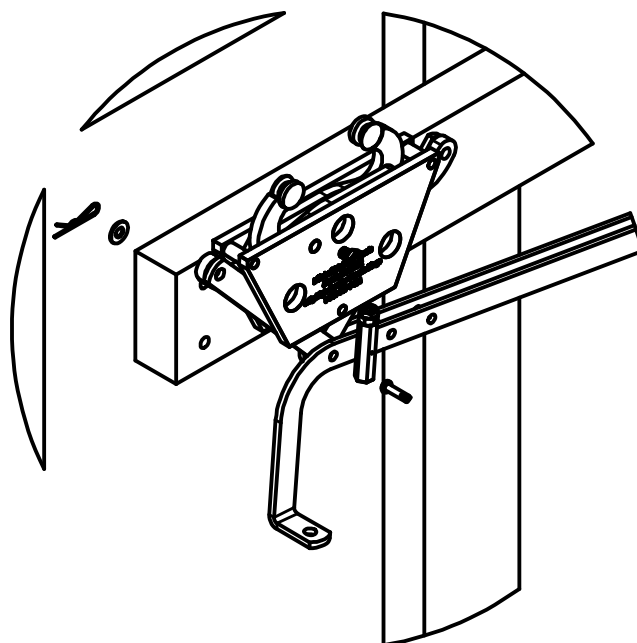
TO BEGIN ASSEMBLING THE HOOK LEVER ASSEMBLY TO THE METAL FRAME:

1. GATHER THE TWO HEX BOLTS, WASHERS & NUTS FOUND IN THE HARDWARE PACK INCLUDED WITH THE NO-HAMMER MACHINE
2. PLACE THE HOOK LEVER ASSEMBLY IN THE ORIENTATION SHOWN IN THE DIAGRAM TO THE LEFT
3. PLACE THE HEX BOLT, WASHER & NUT ARRANGEMENTS GOING THRU THE PRE-DRILLED HOLES OF THE METAL FRAME** AS SHOWN IN THE DIAGRAM TO THE LEFT
4. TIGHTEN THE INSTALLED BOLTS

STEP 7*

TO ASSEMBLE THE HEAD ASSEMBLY TO THE HOOK LEVER ASSEMBLY:

1. REMOVE PRE-INSTALLED CLEVIS PIN, WASHER & COTTER PIN FROM HOOK LEVER ASSEMBLY AS SHOWN IN THE DIAGRAM TO THE RIGHT
2. INSERT HEAD ASSEMBLY LOWER ARMS BETWEEN HOOK LEVER BARS
3. REINSTALL CLEVIS PIN, WASHER & COTTER PIN



STEP 8*

INSTALL LOOSE END OF SPRING TO THE EXTENDED BOLT OF THE HEAD ASSEMBLY

THIS BOLT WILL NEED TO BE ADJUSTED WHEN THE MACHINE HAS BEEN FULLY ASSEMBLED

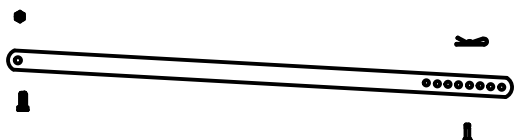
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STEP 9*

CONNECTING THE HOOK LEVER & FOOT PEDAL ASSEMBLIES:

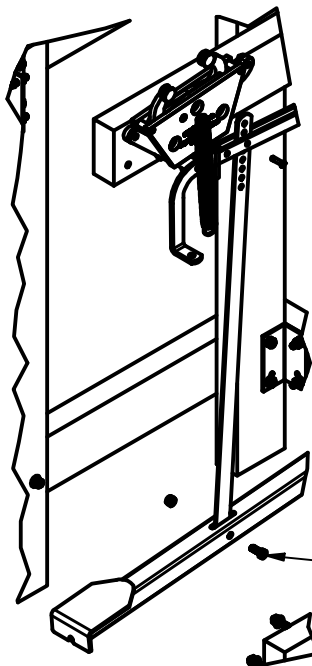
1. REMOVE THE PRE-INSTALLED CLEVIS PIN, WASHER, COTTERPIN, HEX BOLT, AND NUT FROM THE LINKAGE ASSEMBLY & FOOT PEDAL ASSEMBLY AS SHOWN IN THE DIAGRAM TO THE LEFT



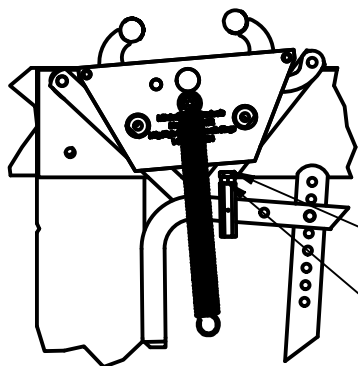
STEP 10***

INSTALL THE LONG LINK:

1. INSERT THE LONG LINK BETWEEN THE BARS OF THE HOOK LEVER ASSEMBLY
2. INSERT CLEVIS PIN THROUGH HOOK LEVER ASSEMBLY AND LONG LINK AND SECURE WITH COTTER KEY



REINSTALL THE $\frac{5}{16}$ " BOLT & NUT
TIGHTEN THE INSTALLED BOLT



STEP 10*

THIS BOLT ADJUSTS THE STARTING POSITION OF THE JAWS WHEN PLACING A MITCHELL WREATH RING ONTO THE MACHINE IT CAN BE PLACED FOR THE SMALL, REGULAR & LARGE STYLE CLAMP RINGS

LOOSEN THIS BOLT UNTIL THE JAWS REST AGAINST THE **UNFOLDED** CLAMP RINGS

TIGHTEN THE NUT TO SECURE ADJUSTMENT BOLT IN PLACE

* PLEASE NOTE SOME FRAMING MEMBERS NOT SHOWN FOR VISUAL CLARITY

** MULTIPLE HOLES HAVE BEEN INSERTED INTO THE LINKAGE ASSEMBLY. THESE ARE TO RAISE OR LOWER THE FOOT PEDAL TO A COMFORTABLE LEVEL

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