

SHOULDER PAULDRON PAPER PATTERN

NOTE: Paper Patterns are intended for experienced leathercrafters.

RECOMMENDED MATERIALS

4 to 5 oz. Firm Tempered Leather

Shoulder Pauldrons

Size XS (4 sq. ft.)

Size S (4.5 sq. ft.)

Size M (5 sq. ft.)

Size L (5.5 sq. ft.)

Size XL (6 sq. ft.)

Rivets (14)

Chicago Screws (16)

1/2" Buckle (2)

H-Harness

Strap (Approximately 2 sq. ft.)

O-Rings (4)

1" Buckles (4)

Rivets (14)

Y-Harness

Strap (Approximately 2 sq. ft.)

Rivets (9)

1" Buckles (3)

O-Rings (2)

REQUIRED TOOLS

Knife

Straight Edge

Scratch Awl

Pricking Irons or Stitching Chisels

Harness Needles & Thread

Round Drive Punch

Rivet & Snap Setter

Mallet

Screwdriver

3/16" Oval Punch

Bell Skiver, Skiving Knife, or Wide Edgers

RECOMMENDED TOOLS

Edge Finishing Materials

* Leather thickness will determine hardware size.

Please note the type of leather and tools you use will affect the outcome. Please use your best judgment when assembling your project. We recommend outlining the order of operations, measure and count twice before making any permanent alterations to your pattern.

LABEL	PATTERN PIECE	PIECES REQUIRED	RECOMMENDED LEATHER WEIGHT
<i>Shoulder Pauldron x2</i>			
A	Shoulder Cap	2	4 to 5 oz
B	Mid Shoulder	4	4 to 5 oz
C	Bottom Shoulder	2	4 to 5 oz
D	Center Strap	2	4 to 5 oz
E	Side Strap	4	4 to 5 oz
F	Buckle Strap	2	4 to 5 oz
G	Adjustable Strap	2	4 to 5 oz
<i>H-Harness</i>			
H	Keeper	4	4 to 5 oz
I	Buckle Strap	4	4 to 5 oz
J	Center Strap	2	4 to 5 oz
K	Adjustable Strap	4	4 to 5 oz
<i>Y-Harness</i>			
L	Keeper	3	4 to 5 oz
M	Buckle Strap	3	4 to 5 oz
N	Adjustable Shoulder Strap	2	4 to 5 oz
O	Adjustable Underarm strap	1	4 to 5 oz

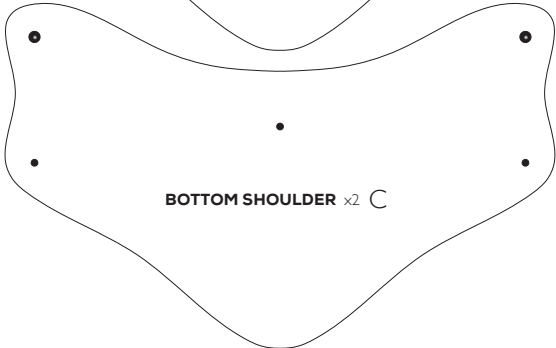
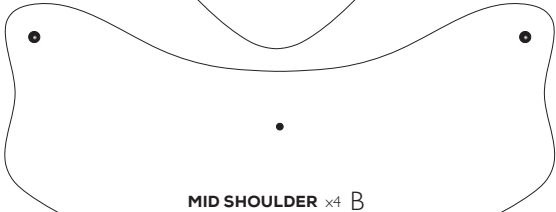
PAPER PATTERN CARE INSTRUCTIONS

OPTION 1: Before cutting out pattern pieces, adhere a stiffer paper (cardstock or similar) with preferred adhesive.

OPTION 2: After cutting out pattern pieces, laminate individual pieces.

These are just suggestions to prolong the lifespan of the paper pattern. With proper care, these patterns can be used again and again!

SHOULDER PAULDRON PROJECT OVERVIEW



CENTER STRAP x2 D



SIDE STRAP x4 E



BUCKLE STRAP x2 F



ADJUSTABLE STRAP x2 G



- PUNCH
- CHICAGO SCREW
- CUT

SHOULDER PAULDRON ASSEMBLY INSTRUCTIONS

1. Cut required pieces. Before assembly, take the necessary steps to prepare leather and edges.
2. Punch all holes according to pattern. Hole diameter size will vary depending on hardware used. **Pro Tip: Oblong punches can be achieved by using a round drive punch and a straight edge.**
3. To assemble one side of the shoulder pauldron, lay one Shoulder Cap (A), two Mid Shoulder Panel's (B) and one Bottom Shoulder Panel (C) flesh sides up, in that order.
4. Align Center Strap (D), flesh side up, to center rivet holes of each pattern piece (A, B, B, C).
5. Rivet Center Strap (D) to all four panels.
6. Align and connect a Side Strap (E) with the side Chicago screw holes for each of the four panels.
7. Repeat and connect the second Side Strap (E) with each of the four panels.
8. Assemble buckle to Buckle Strap (F) and rivet in place.
9. Attach Buckle Strap (F) to one of the last two remaining rivet holes on Bottom Shoulder (C). Be mindful of Buckle placement for ease of use.
10. Rivet Bicep Strap (G) onto the last hole of Bottom Shoulder Panel (C).
11. Repeat steps 1-10 for the second shoulder pauldron.

H-HARNESS PROJECT OVERVIEW

KEEPER x4 H



BUCKLE STRAP x4 I



CENTER STRAP x2 J



ADJUSTABLE STRAP x4 K



H-HARNESS ASSEMBLY INSTRUCTIONS

NOTE: We recommend prototyping straps to make any minor pattern adjustments to reach desired fit.

1. Cut required pieces. Before assembly, take the necessary steps to prepare leather and edges.
2. Punch all holes according to the pattern. Hole diameter size will vary depending on hardware used. ***Pro Tip: Oblong punches can be achieved by using a round drive punch and a straight edge.***
3. Prepare all Keepers (H) – skive, punch, and stitch.
4. Attach and rivet Buckles on each Buckle Strap (I).
5. Slide Keeper (H) onto each of the Buckle Straps (I).
6. Wrap the loose ends of two Buckle Straps (I) around one O-Ring and secure with a rivet. Keepers (H) should be between the buckle and the O-Ring. Repeat with the other two Buckle Straps and a second O-Ring.
7. Secure a Center Strap (J) between the two O-Rings with Buckle Straps (I) with rivets.
8. Wrap and rivet two Adjustable Straps (K) on one of the remaining O-Rings. Repeat with the other two Adjustable Straps (K) for the last remaining O-Ring.
9. Secure the last Center Strap (J) between the two O-Rings with the Adjustable Straps (K).
10. Slide two of the Adjustable Straps (K) through the oblong slots on the back of the Shoulder Pauldron and secure all straps with buckles. Adjust accordingly.

Y-HARNESS PROJECT OVERVIEW

KEEPER x3 L



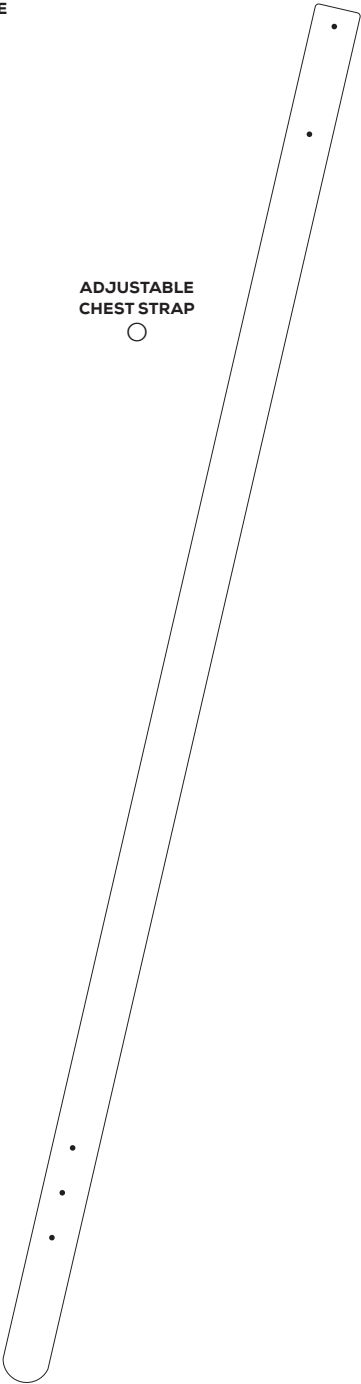
BUCKLE STRAP x3 M



ADJUSTABLE
SHOULDER
STRAP
x2 N



ADJUSTABLE
CHEST STRAP



● PUNCH

— CUT

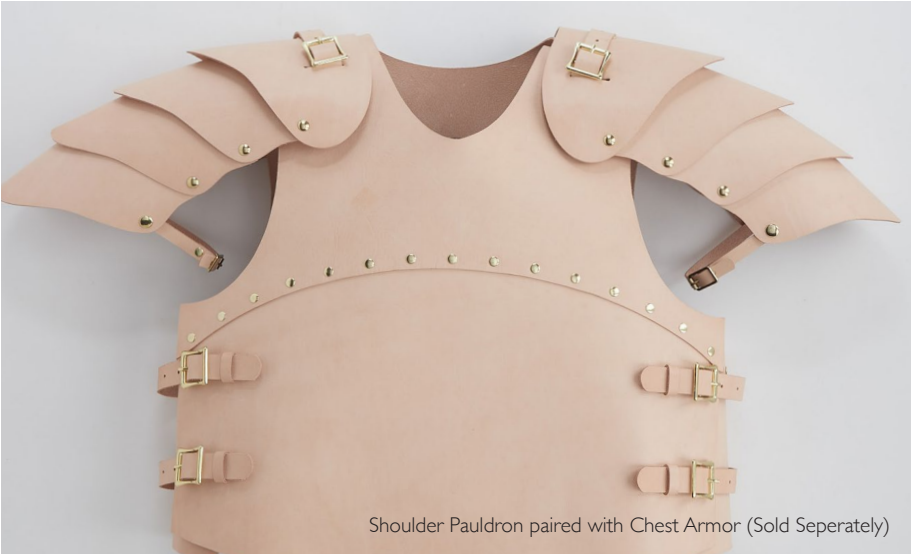
▨ SKIVE

Y-HARNESS ASSEMBLY INSTRUCTIONS

NOTE: We recommend prototyping straps to make any minor pattern adjustments to reach desired fit.

1. Cut required pieces. Before assembly, take the necessary steps to prepare leather and edges.
2. Punch all holes according to the pattern. Hole diameter size will vary depending on hardware used. ***Pro Tip: Oblong punches can be achieved by using a round drive punch and a straight edge.***
3. Prepare all Keepers (L) – skive, punch, and stitch.
4. Rivet and assemble buckles on each Buckle Strap (M).
5. Slide a Keeper (L) onto each Buckle Strap (M).
6. Wrap the loose ends of each Buckle Strap (M) around one O-Ring and rivet in place. Keeper (L) should be between each buckle and O-Ring and there should be three Buckle Straps (M) on one O-Ring.
7. Rivet the Adjustable Shoulder Straps (N) and Adjustable Chest Strap (O) to the remaining O-Ring. There should be three straps attached to the back O-Ring.
8. Slide one of the Adjustable Shoulder Strap (N) through the oblong slots on the back of the Shoulder Pauldron and secure all straps with buckles. Adjust accordingly.

COMPLETED PROJECT



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