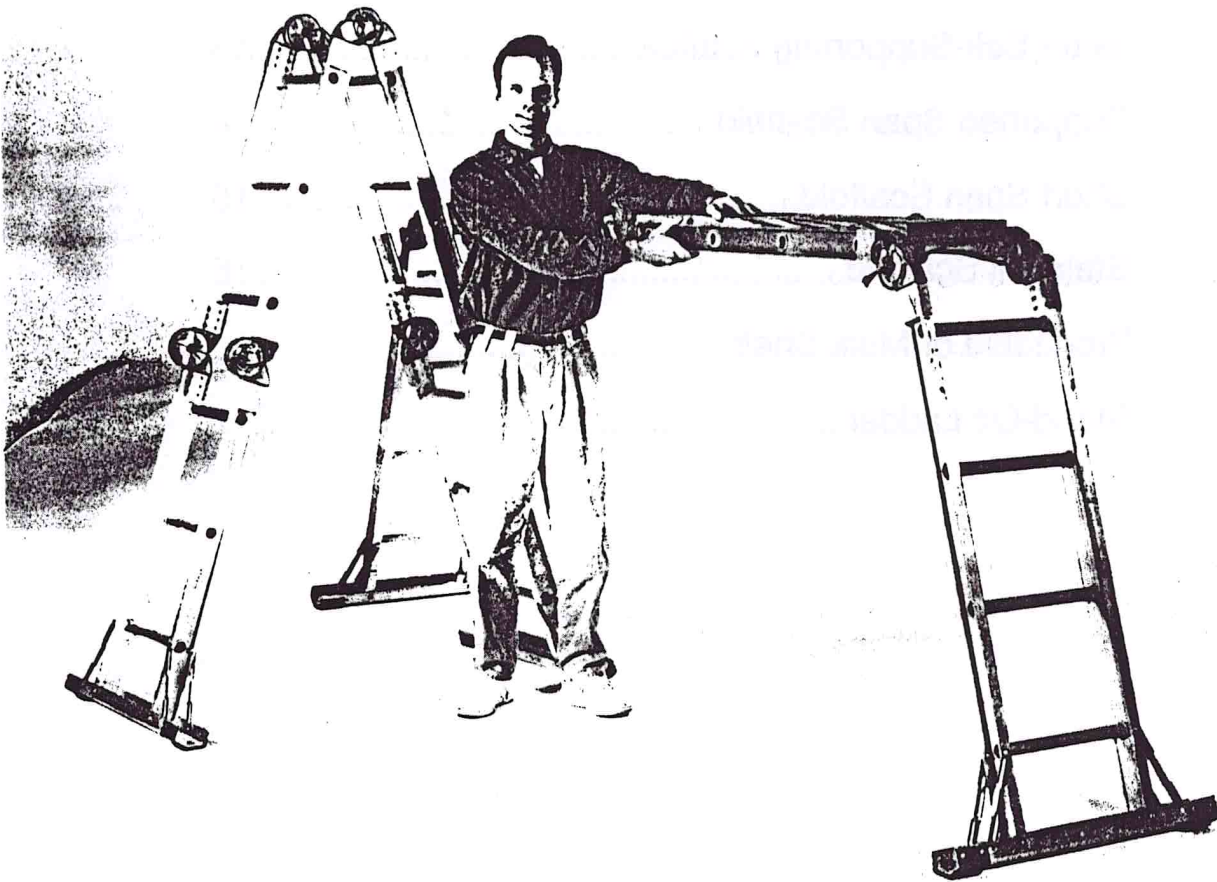




BIG LOUIE™ ARTICULATED LADDER INSTRUCTION MANUAL



45-815

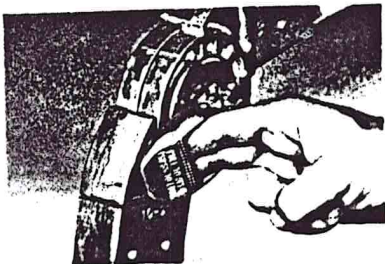
CONTENTS

Introduction.....	1
Familiarizing Yourself With Your New Ladder.....	2
Assembling Your Ladder.....	3
Using Your Ladder.....	5
Positioning Your Ladder.....	7
Stepladder.....	8
Double Short Stepladder.....	9
Fully Extended Straight Ladder.....	10
3/4-Length Straight Ladder.....	11
Self-Supporting Scaffold.....	12
Short Self-Supporting Scaffold.....	13
Supported Span Scaffold.....	14
Short Span Scaffold.....	15
Stairwell Scaffold.....	16
Worktable or Multi-Shelf.....	16
Stand-Off Ladder	17

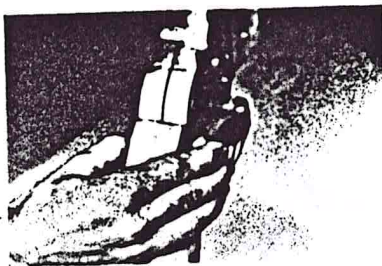
• WARNING •

Read and follow all instructions. All applicable safety procedures, such as regional and local safety requirements, safe working practices, and good judgement, must be used by all persons involved in assembling and using ladder. Failure to do so could result in serious injury or death.

Keep this instruction manual handy by rolling it up and placing it inside a rung of the ladder.



- 1) The versatility of your articulated ladder is provided by its heavy-duty locking hinges. To unlock a hinge, grasp the handle and pull out as shown at left.



- 2) To lock a hinge, align the marked notches and teeth on each side of the hinge cylinder and press handle firmly in place.



- 3) A solid "clamping" sound indicates that the hinge is securely locked.

• DANGER •

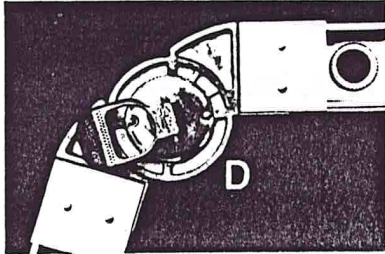
Lock all hinges before using ladder. Failure to do so could result in serious injury or death.

• CAUTION •

Keep your fingers clear when closing and locking hinges.

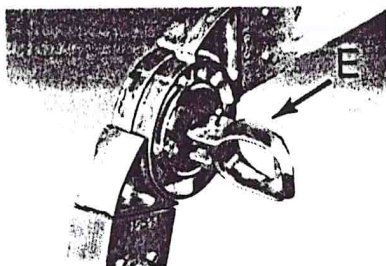
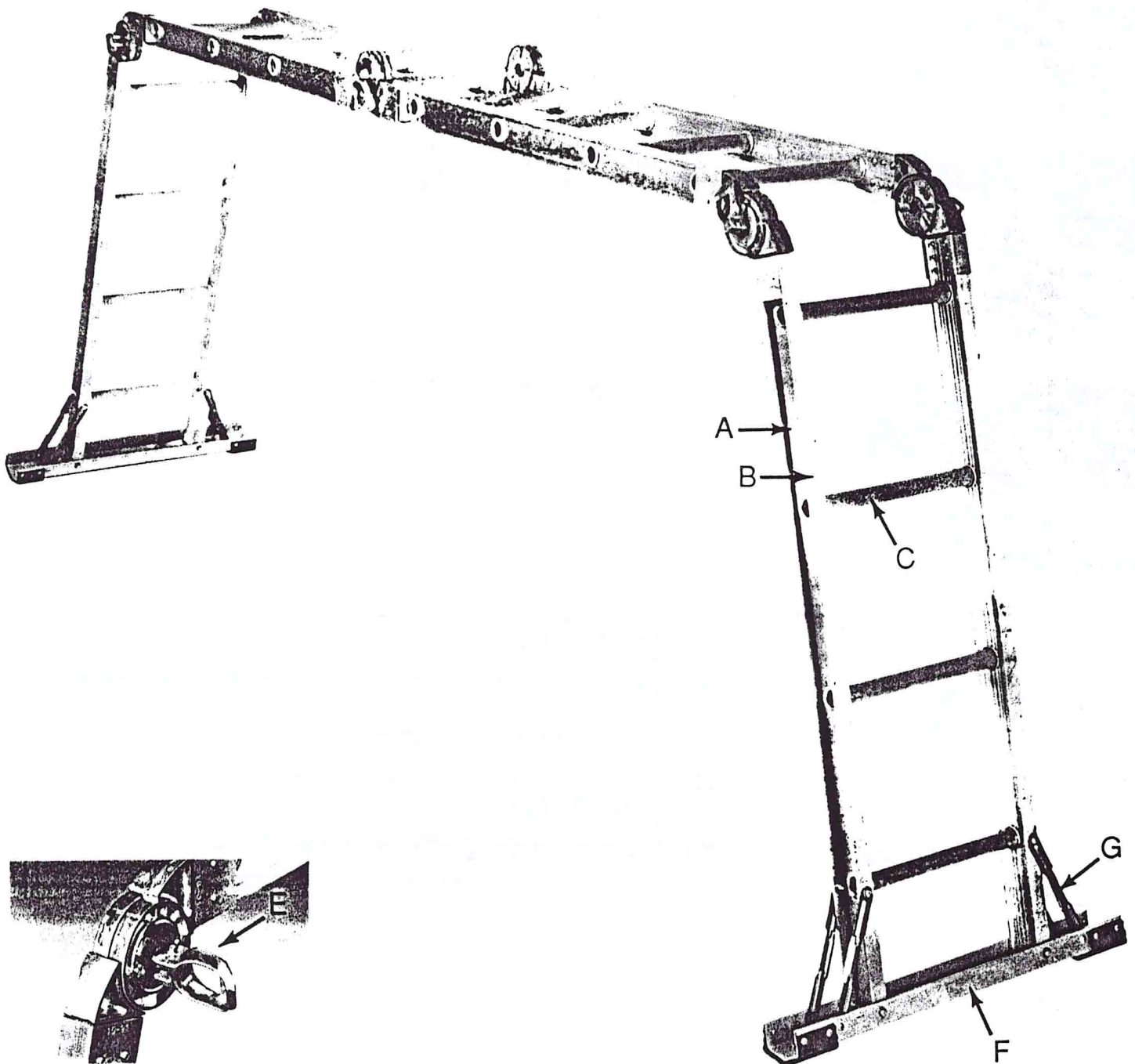
FAMILIARIZING YOURSELF WITH YOUR NEW LADDER

You'll find it easier to assemble and use your ladder if you take a few minutes to familiarize yourself with the parts and terminology in the figure below.

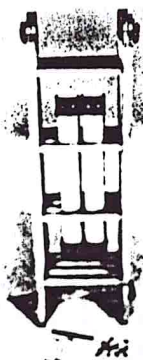


- A. Ladder Rail
- B. Ladder Flange
- C. Rung
- D. Hinge

- E. Hinge Locking Handle
- F. Stabilizer Bar
- G. Support Gusset



ASSEMBLING YOUR LADDER



This box includes:

- One articulated ladder assembly
- Two stabilizer bar assemblies with eight attached support gussets.
- Hardware kit with 16 sets of nuts, bolts, and washers

If any parts are missing or damaged, return ladder to place of purchase and replace with new parts.

• WARNING •

Use only parts approved by Louisville Ladder. Failure to do so could result in serious injury or death.

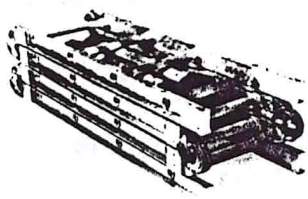


FIGURE 1.

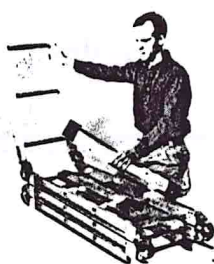


FIGURE 2.

- 1) Carefully remove ladder from box. Remove all packaging from ladder.
- 2) Position ladder horizontally on a flat surface as shown in figure 1.
- 3) Your ladder is shipped with all hinges locked. Unlock the two hinges of the rail that holds the two stabilizer bars in place during shipment. Lift the rail and lock it in place by locking hinges. Remove stabilizer bars as shown in figure 2.
- 4) Swing out the four support gussets on one stabilizer bar as shown in figure 3.

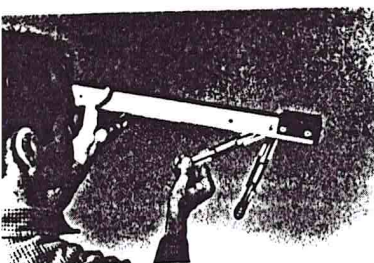


FIGURE 3.

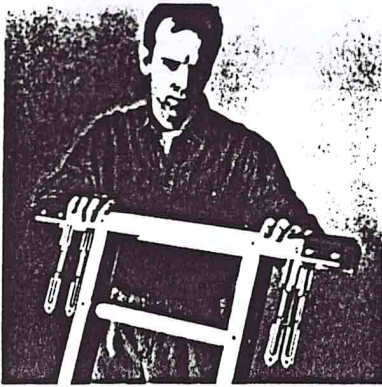


FIGURE 4.

5) Position stabilizer bar over end of ladder rail.

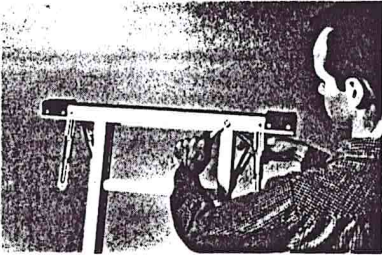


FIGURE 5.

6) Align holes in stabilizer bar with holes in end of rail. Fasten stabilizer bar to rail using four sets of bolts, nuts, and washers. The head of each bolt should be on *outside* of stabilizer bar, with a washer under each head.

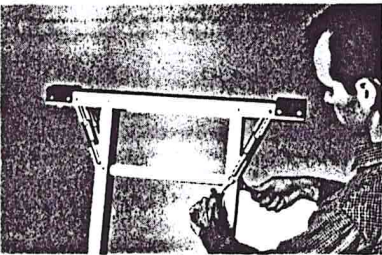


FIGURE 6.

7) Rotate support gussets on stabilizer bar so holes in bar align with holes in ladder rail flange. Attach support gussets to *outside* of flange, using four sets of bolts, nuts, and washers.

8) Double-check to be certain all bolts are tightened securely.

9) Turn ladder over and attach remaining stabilizer bar to the other ladder rail by repeating steps 4 through 9.

• WARNING •

Do not attempt to use ladder without both stabilizer bars properly installed. Serious injury or death could result.

USING YOUR LADDER

INSPECTING YOUR LADDER FOR SAFETY

• WARNING •

Failure to read and follow instructions and perform safety inspections could result in serious injury or death.

Never use ladder if any parts are worn, damaged, or missing.

Ladder should be destroyed if exposed to extreme heat or corrosive agents such as acid.

Never attempt to repair ladder without first consulting Louisville Ladder.

Contact Louisville Ladder directly for replacement parts and labels.

PROPER CARE OF YOUR LADDER

Thoroughly clean ladder after each use. Never allow dirt or foreign matter to accumulate on ladder or inside the hinges.

Regularly examine all moving parts.

Prevent damaging ladder during transportation by securing ladder and using padded supports.

SAFETY PRECAUTIONS WHEN USING YOUR BIG LOUIE™ ARTICULATED LADDER

Never use ladder on slippery or unstable surfaces.

Rubber stabilizer bar feet must be positioned on a firm, level surface.

Do not put anything under or on ladder to increase height.

- Do not use ladder in front of unlocked doors.
- Maintain a firm grip on ladder rail or rungs and face ladder when climbing or descending ladder.
- Be certain of your footing when climbing and descending ladder.
- Do not move ladder while standing on it.
- Do not overreach while on ladder.
- Be certain not to catch your tools or clothing on the rungs when climbing or descending ladder.
- When standing on ladder, use extreme caution when pushing or pulling anything.
- Do not use ladder in windy conditions.
- Do not use ladder as a brace.
- Do not use ladder unless you are in good physical condition.

• DANGER •

Never allow ladder to touch electrical wires. Serious injury or death will result.

• WARNING •

The maximum weight placed on ladder, including weight of persons, tools, and materials, should not exceed 300 pounds. Failure to comply with this warning could result in serious injury or death.

POSITIONING YOUR LADDER



FIGURE 1.

- 1) The versatility of your articulated ladder is provided by its heavy-duty locking hinges. To unlock a hinge, grasp the handle and pull out as shown in figure 1.

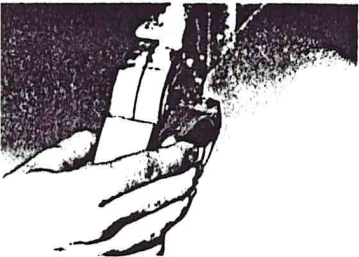


FIGURE 2.

- 2) To lock a hinge, align the marked notches and teeth on each side of the hinge cylinder and press handle firmly in place.



FIGURE 3.

- 3) A solid "clamping" sound indicates that the hinge is securely locked.

• CAUTION •

Keep your fingers clear when closing and locking hinges.

• WARNING •

Do not use ladder in positions other than those described in this manual. Use in other positions could result in serious injury or death.

• DANGER •

Lock all hinges before using ladder. Failure to do so could result in serious injury or death.

STEPLADDER

• WARNING •

Do not stand on or above second rung from top of ladder. Do not straddle front and rear sections. Failure to follow these instructions could result in serious injury or death.

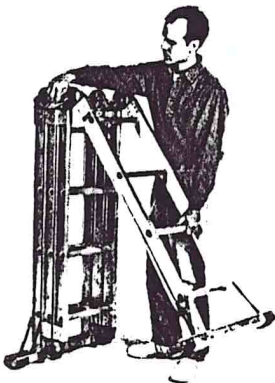


FIGURE 1.

- 1) Begin with ladder standing in fully folded position. Unlock two hinges on outside section. Raise section (figure 1) and lay ladder down as shown in figure 2.

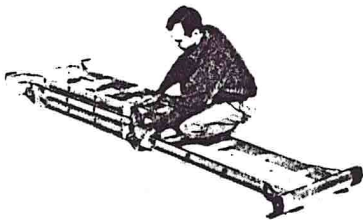


FIGURE 2.

- 2) Lock extended section hinges (figure 2).
- 3) Unlock and extend unfolded section and lock into fully extended position.

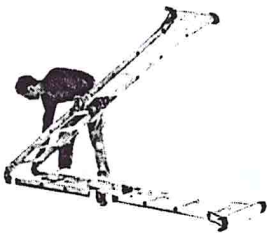


FIGURE 3.

- 4) Unlock top hinges. Raise one extended side to first position and lock both hinges as shown in figure 3.
- 5) Be *certain* all hinges are locked before lifting or mounting.



FIGURE 4.

- 6) Carefully lift ladder into position.

DOUBLE SHORT STEPLADDER

• WARNING •

Do not stand on or above second rung from top of ladder. Do not straddle front and rear sections or stand on middle sections. Failure to follow these instructions could result in serious injury or death.

- 1) Begin with ladder fully folded and standing as shown in figure 1.

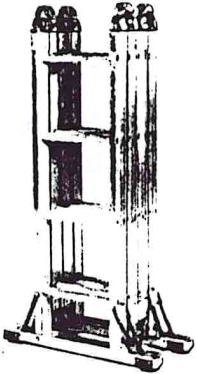


FIGURE 1.

- 2) Unlock one set of top hinges and position rail as shown in figure 2. Lock the hinges.



FIGURE 2.

- 3) Unlock remaining hinges and position rail as shown in figure 3. Lock the hinges.

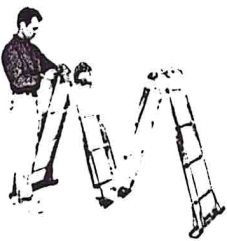


FIGURE 3.

- 4) Lock two bottom hinges in first locking position.
- 5) Be *certain* all hinges are locked before mounting ladder.
- 6) Secure ladder from movement where possible.

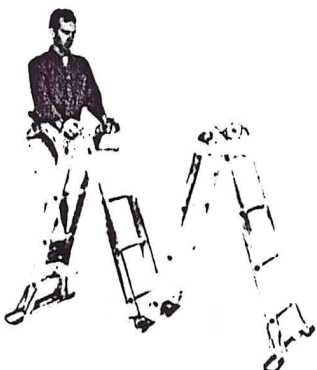


FIGURE 4.

FULLY EXTENDED STRAIGHT LADDER

• WARNING •

Do not stand on or above third rung from top of ladder. Failure to follow these instructions could result in serious injury or death.

• CAUTION •

Do not move, raise, or lower ladder with hinges unlocked.

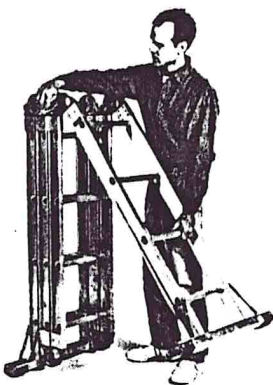


FIGURE 1.

- 1) Begin with ladder standing in fully folded position. Unlock two hinges on outside section. Raise section (figure 1) and lay ladder down as shown in figure 2.

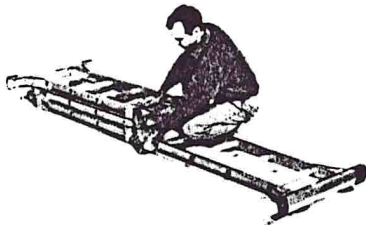


FIGURE 2.

- 2) Lock extended section hinges (figure 2).

- 3) Unlock and extend unfolded section and lock into fully extended position.

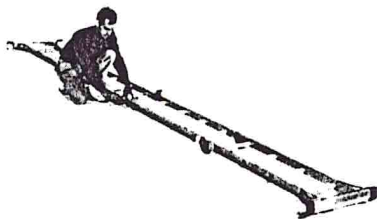


FIGURE 3.

- 4) Extend remaining rails as shown in figure 3. Lock remaining hinges.

- 5) Be *certain* all hinges are locked.



FIGURE 4.

- 6) Carefully lift ladder and position it securely. Be certain the angle of the ladder is neither too shallow nor too deep – check by standing erect with your toes touching the bottom of the ladder. Then extend your arms toward the ladder. The palms of your hands should touch a rung of the ladder at shoulder level.
- 7) Secure top and bottom of ladder from movement where possible.
- 8) When ready to close ladder, position it flat on the ground before unlocking any hinges.

3/4-LENGTH STRAIGHT LADDER

• WARNING •

Do not stand on or above third rung from top of ladder. Failure to follow these instructions could result in serious injury or death.

• CAUTION •

Do not move, raise, or lower ladder with hinges unlocked.

- 1) Follow steps 1-2 for Fully Extended Straight Ladder.

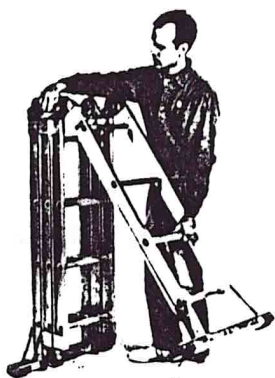


FIGURE 1.

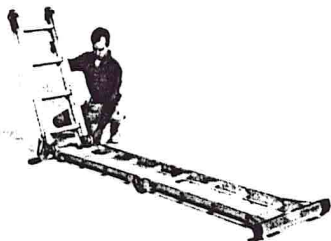


FIGURE 2.

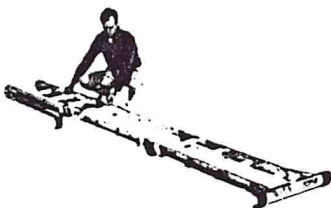


FIGURE 3.



FIGURE 4.

- 2) Unfold folded rail sections, keeping the end rail folded against it as shown in figure 2.
- 3) Lock remaining two hinges (figure 3).
- 4) Be *certain* all hinges are locked.
- 5) Carefully lift ladder and position it securely. Stabilizer bar must be at bottom of ladder. Be certain the angle of the ladder is neither too shallow nor too deep – check by standing erect with your toes touching the bottom of the ladder. Then extend your arms toward the ladder. The palms of your hands should touch a rung of the ladder at shoulder level.
- 6) Secure top and bottom of ladder from movement where possible.
- 7) When ready to close ladder, position it flat on the ground before unlocking any hinges.

SELF-SUPPORTING SCAFFOLD

-WITH PLANK-



FIGURE 1.

- 1) Begin with ladder in fully folded position. Unlock two hinges on outside section. Raise section (figure 1) and relock outside hinges.

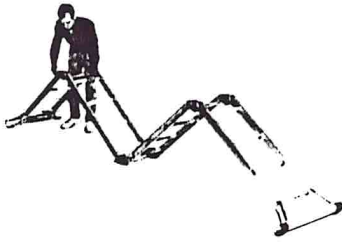


FIGURE 2.

- 2) Unlock middle hinges, then extend other rail section as shown in figure 2. Lock the two outside hinges.

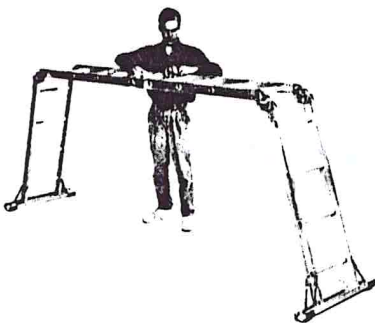


FIGURE 3.

- 3) Grasp middle rungs and lift and straighten as shown in figure 3. Lock the two center hinges.

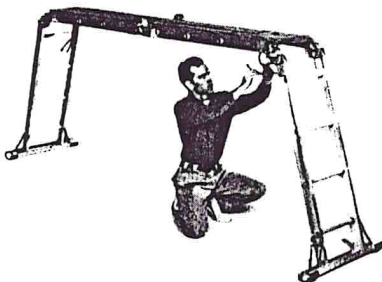


FIGURE 4.

- 4) Be *certain* all hinges are locked.

- 5) Position a 2x12 construction-grade plank across rungs and tie ends of plank to scaffold as shown in figure 4.

• WARNING •

Do not use without plank. Securely tie plank to scaffold and securely tie-off, brace, or have someone hold scaffold before climbing. Set up scaffold level and square. Failure to do so could result in serious injury or death.

SHORT SELF-SUPPORTING SCAFFOLD

—WITH PLANK—

1) Follow steps 1-2 for Self-Supporting Scaffold.

2) Lock middle hinge as shown in figure 1.



FIGURE 1.

3) Place a 2x4 block under middle hinge as shown in figure 2.



FIGURE 2.

4) Position a 2x12 construction-grade plank across rungs and tie ends of plank to scaffold as shown.

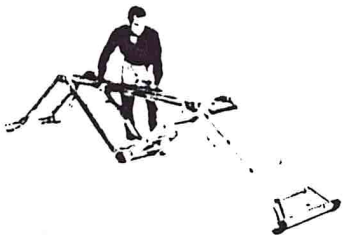


FIGURE 3.

• WARNING •

Do not use without plank. Securely tie plank to scaffold and securely tie-off, brace, or have someone hold scaffold before climbing. Set up scaffold level and square. Failure to do so could result in serious injury or death.

SUPPORTED SPAN SCAFFOLD

-WITH PLANK-

- 1) Follow steps 1 & 2 for Stepladder. Lock all hinges.
- 2) Position ladder on two sturdy supports as shown in figure 1.

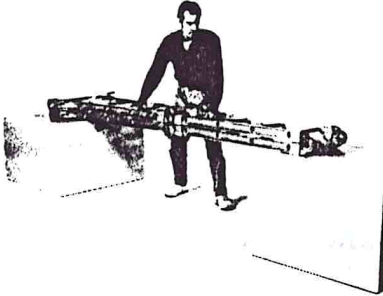


FIGURE 1.

- 3) Position a 2x12 construction-grade plank across rungs and tie ends of plank to scaffold.

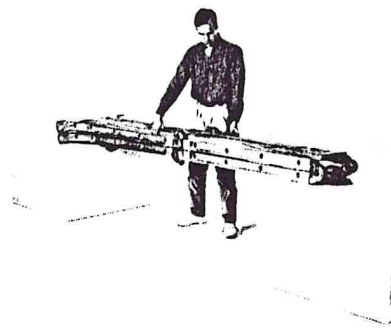


FIGURE 2.

• WARNING •

Do not use without plank. Securely tie plank to scaffold and securely tie-off, brace, or have someone hold scaffold before climbing. Set up scaffold level and square. Failure to do so could result in serious injury or death.

SHORT SPAN SCAFFOLD

—WITH PLANK—

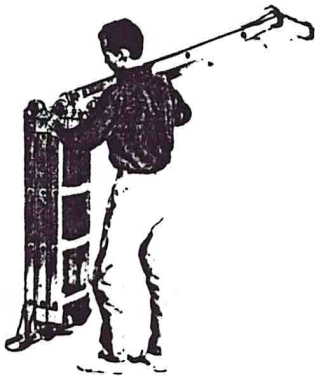


FIGURE 1.

- 1) Begin with ladder in fully folded position. Unlock two hinges on outside section. Raise section (figure 1) and relock outside hinges.

- 2) Be *certain* all hinges are locked.

- 3) Carefully position extended rail on sturdy support as shown in figure 2.



FIGURE 2.

- 4) Position plank on scaffold and tie each end of plank to scaffold as shown in figure 3.

- 5) Avoid excessive motion on scaffold. Check frequently to be sure scaffold is securely in place.

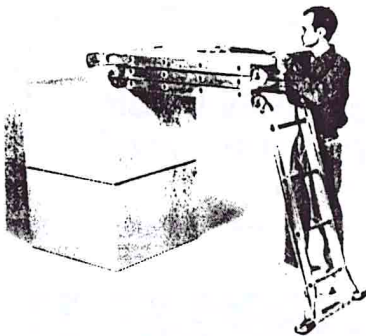


FIGURE 3.

• WARNING •

Do not use without plank. Securely tie plank to scaffold and securely tie-off, brace, or have someone hold scaffold before climbing. Set up scaffold level and square. Failure to do so could result in serious injury or death.

STAIRWELL SCAFFOLD

-WITH PLANK-

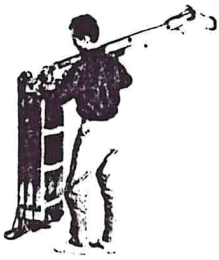


FIGURE 1.

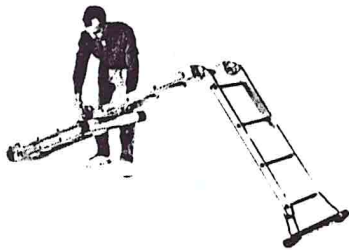


FIGURE 2.

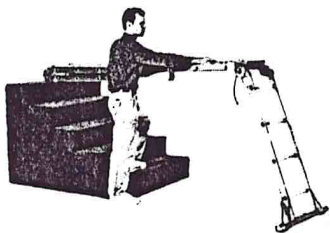


FIGURE 3.

1) Begin with ladder in fully folded position. Unlock two hinges on outside section. Raise section (figure 1) and relock outside hinges.

2) Extend rail on other side as shown in figure 2, keeping end rail folded. Lock the two hinges.

3) Be *certain* all hinges are locked.

4) Position scaffold on stairwell as shown in figure 3.

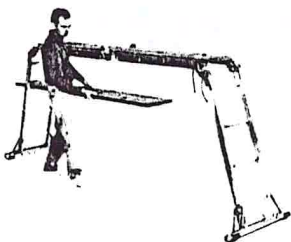
5) Place plank across scaffold and tie ends of plank to scaffold as shown in figure 3.

6) Avoid excessive motion on scaffold. Check frequently to be sure scaffold is securely in place.

• WARNING •

Do not use without plank. Securely tie plank to scaffold and securely tie-off, brace, or have someone hold scaffold before climbing. Set up scaffold level and square. Failure to do so could result in serious injury or death.

WORKTABLE OR MULTI-SHELF



1) Follow steps 1-4 for Self-Supporting Scaffold.

2) Position planks across rungs as shown.

• CAUTION •

Securely tie planks to scaffold.

STAND-OFF LADDER

- 1) Follow steps 1 & 2 for Stepladder position.

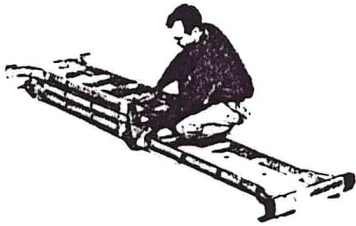


FIGURE 1.

- 2) Extend remaining rails as shown in figure 2.

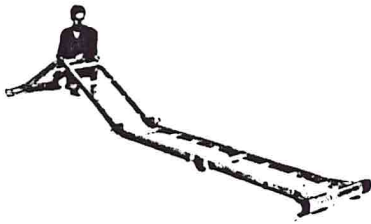


FIGURE 2.

- 3) Fold one end rail into position as shown in figure 3. Lock all hinges.

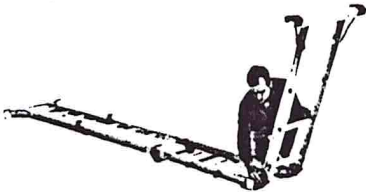


FIGURE 3.

- 4) Be *certain* all hinges are locked.
- 5) Carefully lift ladder and position it securely as shown in figure 4.
- 6) Secure top and bottom of ladder from movement where possible.
- 7) When ready to close ladder, position it flat on the ground before unlocking any hinges.



FIGURE 4.

• WARNING •

Do not sit or stand on horizontal section of ladder in contact with wall. Do not stand on or above third rung from top of ladder. Failure to follow these instructions could result in serious injury or death.

