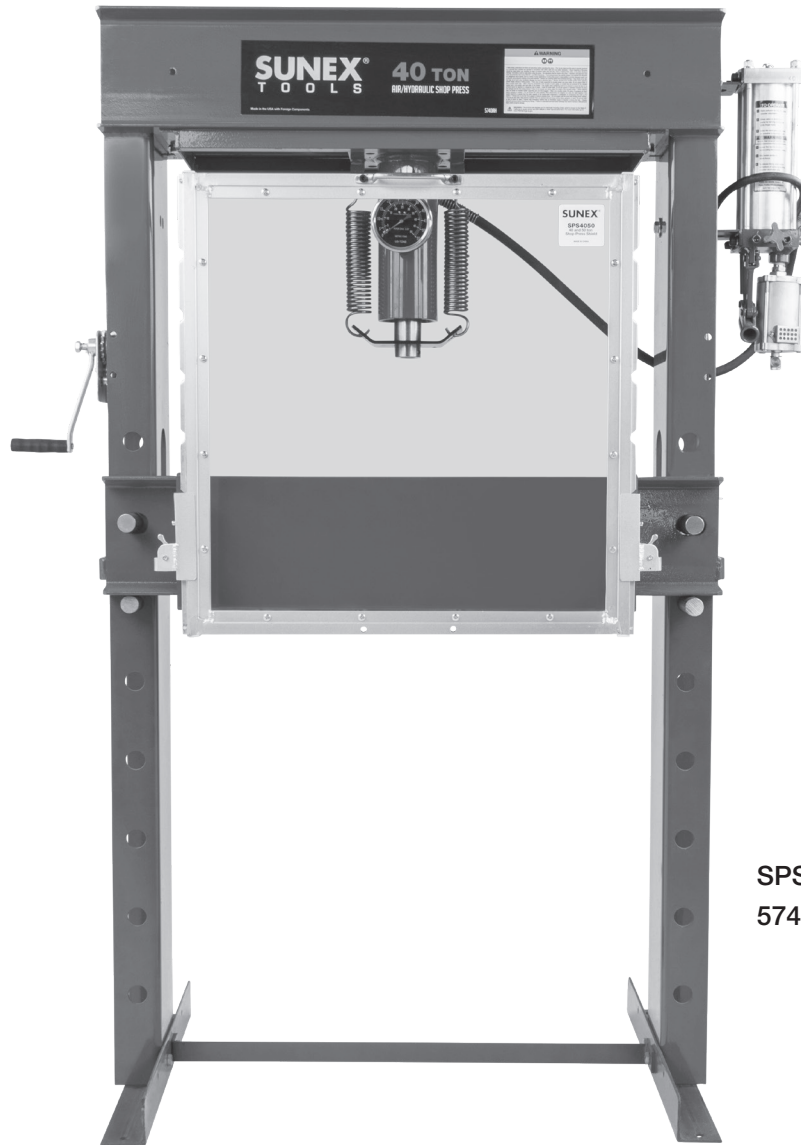


INSTALLATION INSTRUCTIONS • WARNING INFORMATION

SUNEX[®]
T O O L S

SPS12 - 12 TON PRESS SHIELD
SPS20 - 20 TON PRESS SHIELD
SPS4050 - 40 AND 50 TON PRESS SHIELD
SPS100 - 100 TON PRESS SHIELD



SPS4050 - shown on
5740AH

SPECIFICATIONS

Model No.	Width	Height
SPS12	24"	30"
SPS20	24"	30"
SPS4050	30"	30"
SPS100	36"	30"

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WARNING INFORMATION



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

WARNING

WARNING: Indicates a hazardous situation which, if not avoided, could result in death or serious injury.



IMPORTANT: READ THESE INSTRUCTIONS BEFORE OPERATING

BEFORE USING THIS SHIELD, READ THIS MANUAL COMPLETELY AND THOROUGHLY, UNDERSTAND ITS OPERATING PROCEDURES AND SAFETY WARNINGS.

It is the responsibility of the owner to make sure all personnel read this manual prior to using the shield. It is also the responsibility of the shield owner to keep this manual intact and in a convenient location for all to see and read. If the manual or product labels are lost or not legible, contact Sunex for replacements. If the operator is not fluent in English, the product and safety instructions shall be read to and discussed with the operator in the operator's native language by the purchaser/owner or his designee, making sure that the operator comprehends its contents.

THE NATURE OF HAZARDOUS SITUATIONS

WARNING

The use of shop presses and their accessories is subject to certain hazards that cannot be prevented by mechanical means, but only by the exercise of intelligence, care, and common sense. It is therefore essential to have owners and personnel involved in the use and operation of the equipment who are careful, competent, trained, and qualified in the safe operation of the equipment and its proper use. Examples of hazards are components being pressed and breaking resulting in flying parts that are not secured from hitting the operator, the set up in the press is not secure, guards, shields or protective blankets are not used, improperly securing adjustments on the press, overloading and off-center loads.

METHODS TO AVOID HAZARDOUS SITUATIONS

WARNING

- Read, study, understand and follow all instructions before operating the press and shield.
- Prior to use, make sure the press is securely anchored to a concrete floor, installed and operated in accordance with OSHA, state and local safety standards
- Visual inspection of the press should be made before use, checking for signs of cracked welds, bent bolster locating pins, loose or missing bolts, leaks, or any other structural damage. Corrections must be made before using the press.
- No alterations shall be made to this press or shield.
- Operators and observers shall wear eye protection that meets ANSI Z87.1 and OSHA Standards.
- Parts being pressed may splinter, shatter, or be ejected from the press at a dangerous rate of speed. Due to a variety of press applications, it is the press owner's responsibility to provide adequate guards, or shields, eye protection and protective clothing to the press operator.
- Keep hands, arms, feet, and legs out of work area. Accidental slippage can result in personal injury.
- Remove all loads from movable bolster before adjusting bolster height. Beware of falling bolster.
- Press only on loads supported by movable bolster and press plates. Do not support loads on floor or press frame legs.
- When using any accessories, such as press or arbor plates, be certain they are centered on the movable bolster and in full contact with both sides of the bolster.
- Use caution when positioning work to be pressed to ensure the item to be pressed cannot be ejected at a dangerous rate of speed.
- Avoid off-center loads. Do not use spacers or extenders between the press ram plunger and the item being pressed. If there is not enough ram stroke, adjust the height of the movable bolster.
- Before applying load, be certain all movable bolster supporting pins are fully engaged. Make sure movable bolster lift cables (if equipped) are slack before pressing on bolster. Make sure shield is positioned at proper height and locked in position.
- Always use an accurate force gauge to measure pressing force.
- Some attachments, adapters and accessories are rated lower than the press capacity. Do not exceed their rating.
- Do not tamper with the press load-limiting device settings.
- Do not go near leaks. High pressure hydraulic fluid can puncture skin and cause serious injury, gangrene, or death. Do not use finger or skin to check for leaks. If injured, seek emergency medical help as immediate surgery is required to remove the fluid.
- Release hydraulic pressure before loosening any fittings.
- Failure to heed and understand these instructions and markings may result in serious or fatal personal injury and/or property damage.



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

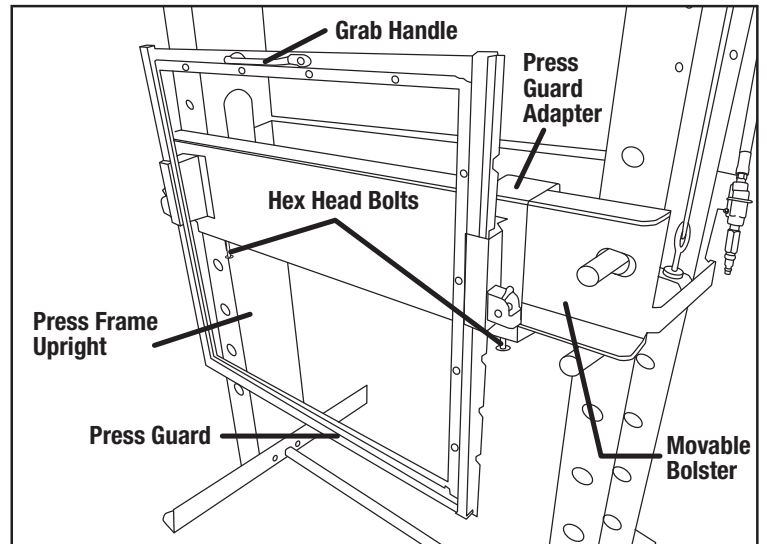
CONSEQUENCES OF NOT AVOIDING HAZARDOUS SITUATIONS

⚠ WARNING

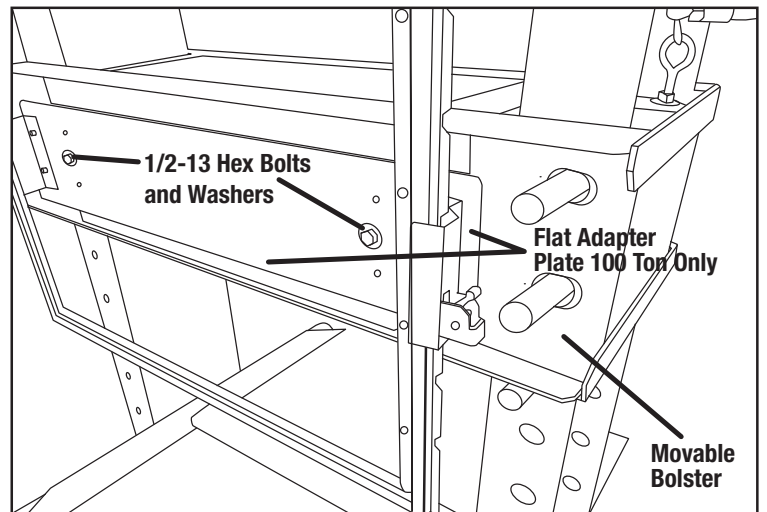
Failure to read this manual completely and thoroughly, failure to understand its OPERATING INSTRUCTIONS, SAFETY WARNINGS, MAINTENANCE INSTRUCTIONS and comply with them, and failure to comply with the METHODS TO AVOID HAZARDOUS SITUATIONS could cause accidents resulting in serious or fatal personal injury and/or property damage.

SETUP INSTRUCTIONS

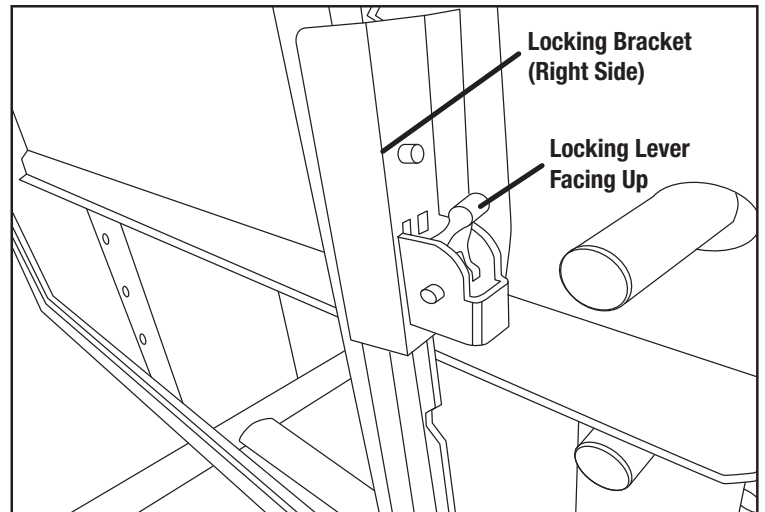
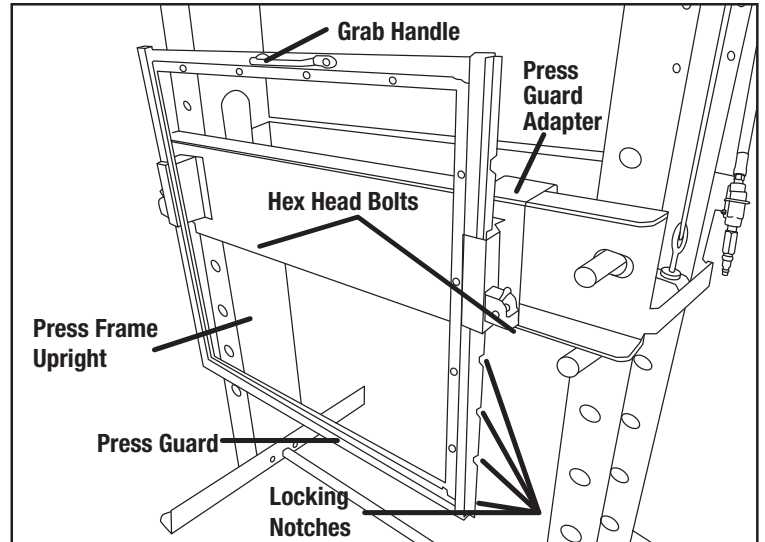
1. 12 through 50 ton presses only: Install the press guard adapter over the press's movable bolster. Center the adapter between the press frame uprights. Install the two hex head bolts through the bottom flange of the adapter and tighten up against the underside of the bolster. Do not overtighten.



100 ton press only: Secure the flat adapter plate to the outside of the press's movable bolster with the 1/2-13 hex bolts and flat washers provided. Presses previously made with no threaded holes in the movable bolster can be modified by using the flat adapter plate as a template to mark hole locations for two 1/2-13 tapped holes. Make sure the flat plate is centered vertically and horizontally on the movable bolster before marking the tapped hole locations.



- 2. All presses:** Install the grab handle in the top center of the guard with the hardware provided. Do not overtighten. The sides of the guard have the locking notches which must face towards the movable bolster so the grab handle will be facing outboard away from the press.
- 3.** Install one locking bracket on the right side of the press guard adapter or flat adapter plate if it is a 100 ton press. The locking lever in the locking bracket should be facing up and to the right side of the press. Tighten hardware.
- 4.** Install the other locking bracket on the left side of the press guard adapter or flat adapter plate if it is a 100 ton press. The locking lever in the locking bracket should be facing up and to the left side of the press. Do not tighten the hardware at this time as the locking bracket will have to be adjusted when the guard is in position.
- 5.** Push the locking levers in both locking brackets down so they are locked in the down position. Using the right hand on the guard's grab handle to support the guard, lower the bottom of the guard in between the receiving slots of both locking brackets. Lower the guard about half way and raise both locking levers to the up position. The left locking lever may not engage the guard because it has not been adjusted yet. While still supporting the guard, move the left locking bracket in towards the guard and slightly tighten the hardware that secures the locking bracket to the adapter bracket. The hardware should be slightly tightened because further adjustment of the locking bracket will be necessary to make sure the guard raises and lowers between the locking brackets unobstructed. When properly adjusted, tighten hardware.
- 6. Note:** When locking levers are in the down position the guard will freely slide between the locking brackets and the reason to continue supporting the guard by the grab handle. When locking levers are in the up position they will engage the next locking slot in the guard. It is easy to cock the guard inbetween the locking brackets so it is important to move the guard using the grab handle only.



Press Shield Model Number	Fits Sunex Press Model Number
SPS12	5712
SPS20	5720, 5720AH
SPS4050	5740AH, 5750, 5750AH
SPS100	57100AHA



SPS12 - 12 TON PRESS SHIELD
SPS20 - 20 TON PRESS SHIELD
SPS4050 - 40 AND 50 TON PRESS SHIELD
SPS100 - 100 TON PRESS SHIELD

WARRANTY

SUNEX INTERNATIONAL, INC. WARRANTS TO ITS CUSTOMERS THAT THE COMPANY'S SUNEX TOOLS® BRANDED PRODUCTS ARE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS.

Sunex International, Inc. will repair or replace its Sunex Tools® branded products which fail to give satisfactory service due to defective workmanship or materials, based upon the terms and conditions of the following described warranty plans attributed to that specific product.

This product carries a ONE-YEAR warranty. During this warranty period, Sunex Tools will repair or replace at our option any part or unit which proves to be defective in material or workmanship.

Other important warranty information

This warranty does not cover damage to equipment or tools arising from alteration, abuse, misuse, damage and does not cover any repairs or replacement made by anyone other than Sunex Tools or its authorized warranty service centers. The foregoing obligation is Sunex Tools' sole liability under this or any implied warranty and under no circumstances shall we be liable for any incidental or consequential damages.

NOTE: Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Return equipment or parts to an authorized service center, transportation prepaid. Be certain to include your name and address, evidence of the purchase date, and description of the suspected defect. If you have any questions about warranty service, please write to Sunex Tools. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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