

Replacement straps are available, should the original strap become worn or damaged. Never use a damaged Fastrap™.

While the Fastrap™ is nearly impervious to water, the bracket and the ratchet may corrode, and the strap may become mildewed if the unit is repeatedly stored wet. If the webbing is wet, try to store the Fastrap™ with the strap unfurled; it will soon dry out, and can be stored normally. Any heavily-corroded, or bent, cracked, or gouged brackets should be immediately removed from service.

The friction coating applied to the mounting surface may also become clogged with dirt and other stray material through normal use. This surface should occasionally be cleaned to maintain optimal performance. A common pressure washer, with a nozzle rating of up to 3,000 PSI (pounds per square inch) will do an excellent job of removing contaminants from the surface. Spray evenly, bringing the nozzle no closer than approximately 12" from the surface. If a pressure washer is not available, simply spraying the unit with a running stream of water, such as from a garden hose, will often do an excellent job. Always allow the unit to dry thoroughly, before storing normally.

#### **STRAP REPLACEMENT**

The strap used in the Fastrap™ Crossarm Bracket is a precision-engineered component, with carefully-designed performance properties, much like the seatbelt webbing in an automobile. Note that each strap has a date of manufacture printed on the identification tag. Because of environmental conditions, and wear through normal use, Sherman & Reilly recommends the replacement of the strap at approximately five (5) year intervals. Service parts are readily available through your dealer, or directly from Sherman & Reilly, Inc.

To replace the strap, remove the bolt connecting the strap end to the bracket, carefully noting the orientation of the strap to the bracket. Unlock the ratchet by squeezing the middle "handle" and opening the ratchet to its flat or fully-opened position. Pull the "D" ring to unwind the strap from the drum, and pull the loop end through the slot in the drum, being careful to observe how the webbing is oriented. Install the new webbing through the drum in the same orientation. Reattach the belt to the bracket, using the original bolt and locknut. Leave the nut slightly loose, just enough so that the bolt is free to rotate. If the locknut no longer retains its locking ability, replace it.

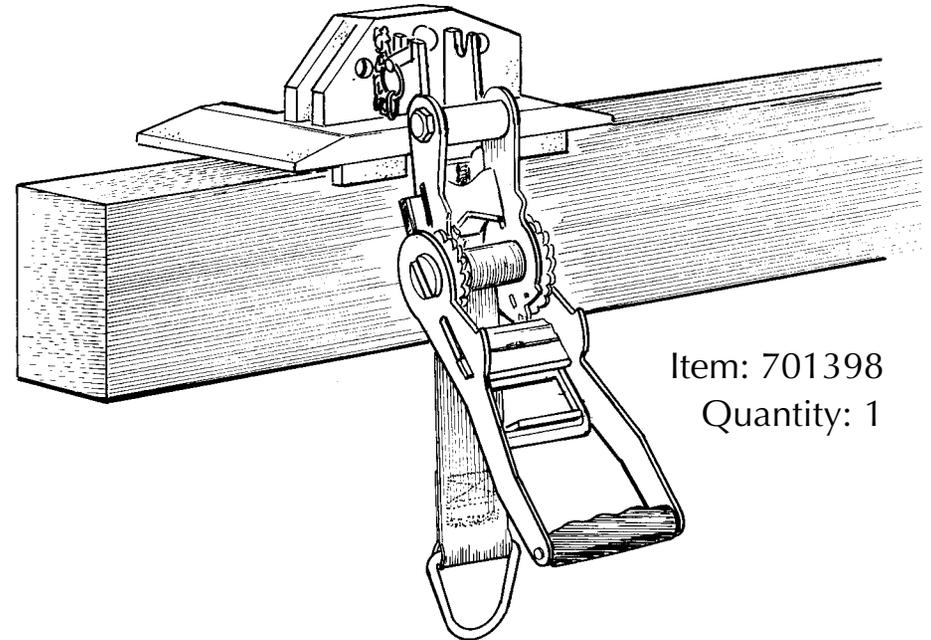
#### **WARRANTY**

The Fastrap™ Crossarm Bracket is covered by the Sherman & Reilly Forever Warranty™; refer to the enclosed Warranty Statement for details.



# Fastrap™

## Universal Crossarm Bracket



Item: 701398

Quantity: 1

*"Designed for safety. Built to last."*

## SHERMAN & REILLY FASTRAP™ CROSSARM BRACKET INSTALLATION, USE AND CARE INSTRUCTIONS

Congratulations on your purchase of this Sherman & Reilly, Inc. Fastrap™ Crossarm Bracket. You are about to begin using the most advanced, quickest-to-install crossarm stringing bracket available.

While the bracket is quick and easy to install, there are a few rules for use with which you should become familiar.

First, recognize that this device is designed for straight vertical loads of up to 2,500 pounds, and for horizontal loads of up to 1,500 pounds. The ability to bear heavy loads is dependent upon tightening the strap as tight as is reasonably possible; this is particularly true when pulling at an angle.

### INSTALLATION AND REMOVAL

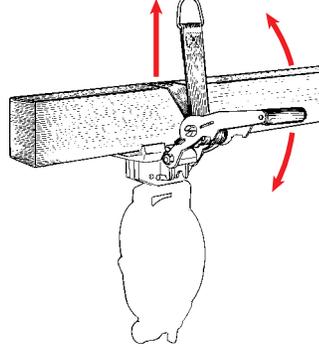
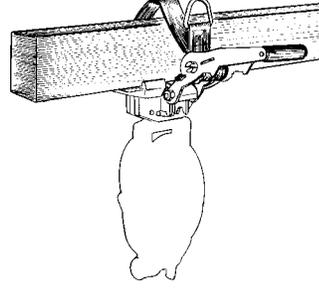
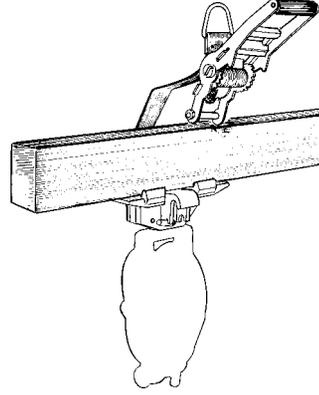


*When using the Fastrap™, always begin by inspecting the webbing used in the strap. If it shows signs of wear, or has any significant damage, the bracket should not be used until the webbing is replaced. Check the bracket for cracks or other damage, and examine the ratchet for bent components.*

To use the Fastrap™, simply place the metal bracket on the crossarm in the location where it will be used. The retaining bolt that attaches the end of the strap to the bracket should be facing away from you; the "hook" shape on the opposite side of the bracket should be directly in front of you. Note that there are two side-tabs on the metal bracket. The bracket should be positioned so that these tabs are pushed up against the side of the crossarm.

Next, reach around the crossarm and grab the ratchet assembly. Pull the ratchet back around the crossarm, taking care to ensure that the strap is not twisted or tangled. Holding the ratchet by the handle grip, hang the metal ratchet assembly on the hook shape on the Fastrap™ bracket.

Holding the bracket in position, grasp the "D"-ring at the free end of the strap, and pull. Do not attempt to tighten the strap tight; you simply want to make the tightening process quicker by removing excess slack. Finally, pump the ratchet handle up and down to tighten the strap around the crossarm. You may need to keep some tension on the strap material while doing this, to facilitate tightening. Remember, the



strap should be tightened as much as is reasonably practical. Don't worry... you aren't going to crush the crossarm.

That's it! Your bracket is installed. To remove it, simply squeeze the "handle" in the middle of the ratchet, and fully-open the ratchet to the flat position, which will cause the ratchet to release strap tension. Unhook the ratchet assembly from the bracket, and remove from the crossarm.

### SEVERE SIDE ANGLES

In cases where there will be strong "sideways" pulling forces, it is very important to have the strap as tight as is practical. This keeps the bracket from shifting sideways under load. Remember that the load that the bracket can safely carry is lower when the pull is in the direction of the crossarm (it is rated at 1,500 lbs pulling force in this orientation).

In some situations, an additional measure of security may be desired. The Fastrap™ has been designed so that it can capture the head of a standard  $\frac{5}{8}$ " bolt inserted into the crossarm, which prevents the bracket from sliding under any circumstance, as long as the strap is tightened normally.

If you examine the mounting surface of the bracket, you will see that there are two parallel slots in the surface. The width of these slots is the same as the head of a standard  $\frac{5}{8}$ " bolt, and they are offset from center to provide multiple positioning options for the bracket. When installed, the slots run transversely across the crossarm, which allows the bracket to be used with the full array of standard crossarm widths, with the bolt always installed near the center.

To use this feature, first determine approximately where you wish to position the bracket. Lift up the bracket, and get an idea of where the slots are on the arm. Install a standard fastener in the crossarm, driving it fully home so that all protrudes is the bolt head. Now, position the bracket over the bolt head, and tighten the strap. This adds an extra measure of security to the installation, because the bracket cannot slide, regardless of the amount of side loads applied.

### CARE

Like most tools, your Fastrap™ requires only simple maintenance to keep it in top condition. First and foremost, you should always inspect the overall condition of the bracket, particularly the strap, prior to each use. The strap weaving contains red- and green indicator yarns which become visible if the strap has been overstressed and damaged. Additional items to look for include:

- Missing or illegible identification tag on the strap
- Any kind of burn damage, whether from heat or chemicals
- Holes, tears, cuts, or snags
- Broken stitching
- Abrasion
- Knots tied in the strap
- Discolored, brittle, or stiff areas of the webbing