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IMPORTANT OWNER-OPERATOR INSTALLATION INSTRUCTIONS

S9050A

S9050A PARTS INVENTORY

- 2 - [SpringLoad XL Body](#)
- 2 - O-RING Tension Indicator
- 2 - 1/2" -13 SS Hex Jam Nut
- 2- 1/2" SS SAE Flat Washer
- 2 - LONG HOOK BOLT

INSTALLATION INSTRUCTIONS

NOTE: *If your application needs a 28"-32" (71-81cm) reach from anchor point to anchor point. It may be necessary to cut a small amount off the threaded end of the Long Hook Bolt.*

Step 1

Place an O-Ring on to the swivel hook at the top of the turnbuckle.

Step 2

Take the Long Hook Bolt and thread one 1/2"-13 SS Hex Jam Nut onto the end of the Long Hook Bolt followed by one 1/2" SS SAE Flat Washer.

Step 3

Flip SpringLoad XL Body upside down so the Spring Hook that is already attached to the unit is facing down. Insert the Long Hook Bolt with the 1/2"-13 SS Hex Jam Nut and 1/2" SS SAE Flat Washer into the bottom of the Spring Loaded Body and spin the hook bolt clockwise a few times until the hook bolt has threaded onto the floating internal nut. Pull the Long Hook Bolt out to make sure it is connected.

Step 4

Lengthen the threaded rod (if necessary) and install the turnbuckle with the Spring Hook attached to the campers anchor point and the Long Hook Bolt attached to the camper tie down.

Step 4 - Continued

In some cases, campers that use eye bolts for anchor points will have the opening of the eye facing the front of rear of the camper. In this situation, hook the FASTGUN TURNBUCKLE upper hook down through the eye instead of up through the eye. See figure 4.1

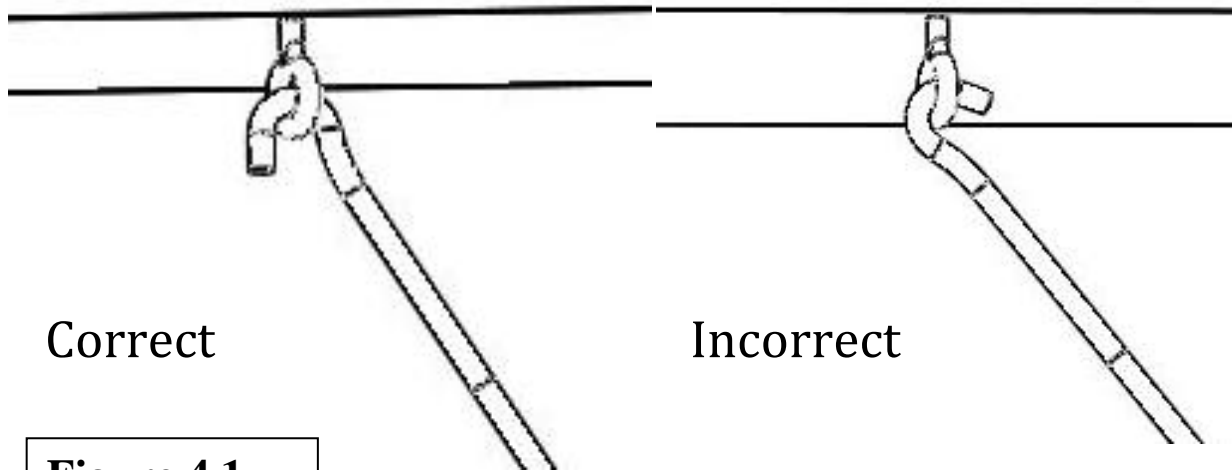


Figure 4.1

Step 5

Twist the body until you begin to feel tension.

Step 6

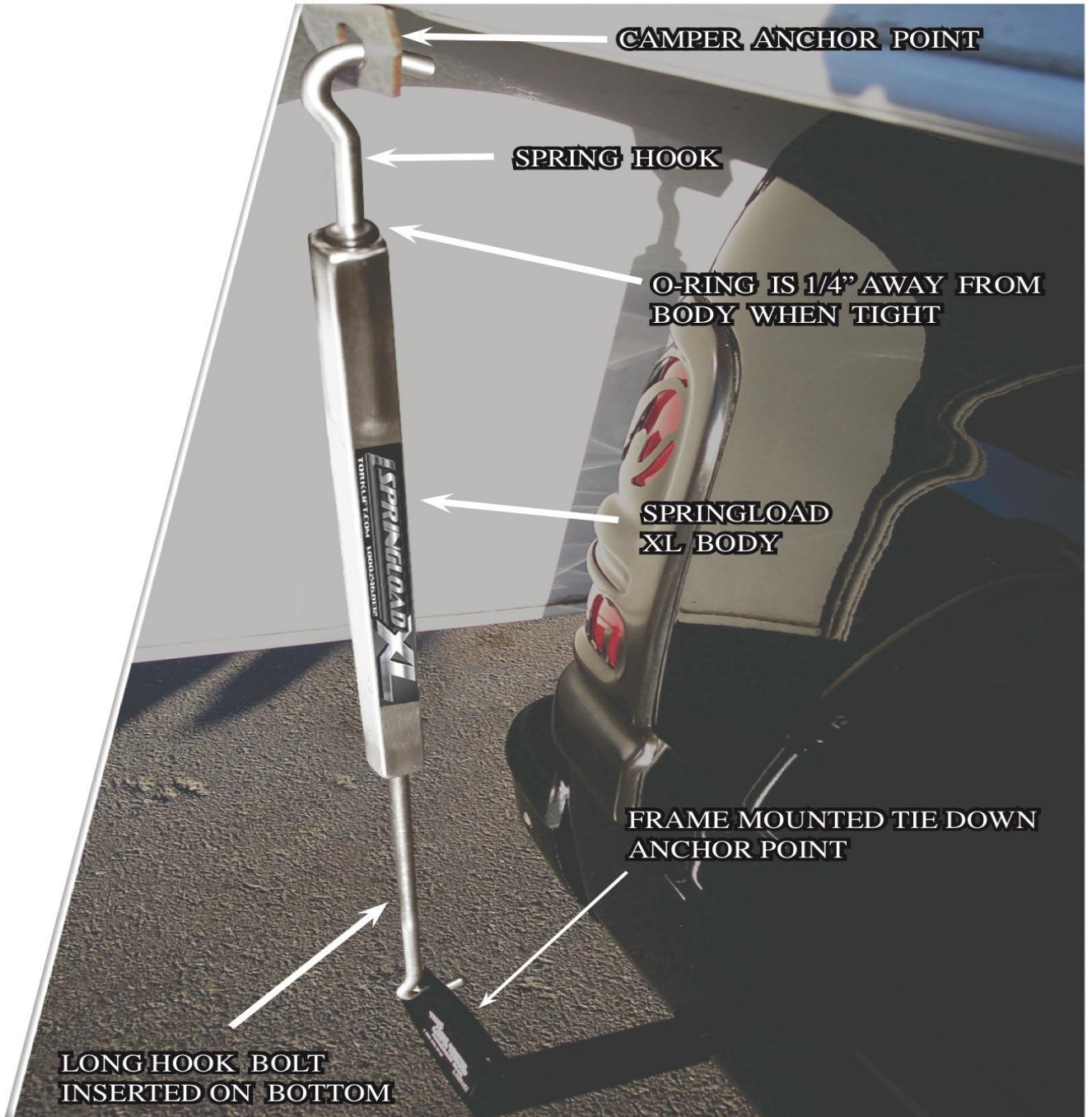
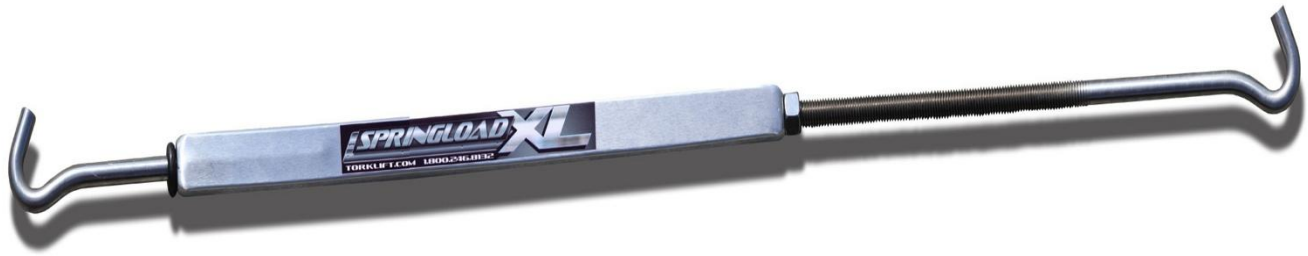
Place the O-Ring against the body of the turnbuckle and tighten the turnbuckle until the O-Ring is spaced approximately 1/4" (6.35mm) from the body of the turnbuckle. This will ensure that the correct spring tension has been applied.

Step 7

Tighten the 1/2"-13 SS Hex Jam Nut and 1/2" SS SAE Flat Washer against the bottom of the turnbuckle body using a wrench to help keep the turnbuckle from loosening.

ILLUSTRATED DIAGRAMS

DO NOT OVERTIGHTEN



CAMPER ANCHOR POINT

SPRING HOOK

O-RING IS 1/4" AWAY FROM BODY WHEN TIGHT

SPRINGLOAD XL BODY

FRAME MOUNTED TIE DOWN ANCHOR POINT

LONG HOOK BOLT INSERTED ON BOTTOM

INSTRUCTIONS FOR MAINTENANCE OF POLISHED STAINLESS STEEL PRODUCTS



STAINLESS-

In metallurgy stainless steel, also known as inox steel or inox from French “inoxydable”, is defined as a steel alloy with a minimum of 10.5 [1] or 11% chromium content by mass. [2] Stainless does not stain, corrode or rust as easily as carbon steel, but it is not stain proof and requires up keep regularly. [3] It is also called corrosion-resistant steel when the alloy type and grade are not detailed, particularly in the aviation industry. There are different grades and surface finishes of stainless steel to suit the environment to which the material will be subjected in its lifetime. Stainless steel is used where both the properties of steel and resistance to corrosion are required.

All “stainless” steels can corrode under the wrong conditions. Many companies, in fact, do not call them stainless steel, but “corrosion resistant” steel. Remember that most of the metal is still iron and can corrode or rust depending on how much stress it is exposed to. One of the worst things you can do to stainless steel is expose it to chlorides. The better grades can withstand a lot of abuse, but most grades can eventually fail when exposed to chlorides in bad atmospheres.

Some grades of “stainless” steel have very poor resistance to corrosion, they are marginally better than carbon steel, but when correctly hardened and passivated or electro polished can give fairly good performance. The grade of steel must reflect the exposure conditions and performance required.

Stainless steel is known for its ability to be a clean surface that resists corrosion and rust. Dirt, dust and grime, however, put stainless steel at risk for corrosion and rust. Luckily, stainless steel responds well to cleaning, never wearing out from excessive cleaning, as long as certain rules are followed.

1. Water and a cloth.

Routine cleaning can be accomplished by using warm water and a cloth. This is the least risky option for cleaning stainless steel. Dry with a towel or cloth to prevent water spots. Wipe in the directions of the polish lines.

2. Mild detergent, (dish washing liquid) and cloth.

For cleaning that needs more power, mild detergent and warm water can do a great job without damaging the stainless steel. Make sure you rinse the surface thoroughly to prevent staining and spotting. Towel dry to prevent water spots which can be caused by minerals in water.

3. Glass cleaner for fingerprints.

Fingerprints are one of the biggest complaints about stainless steel, but can be taken care of by using glass cleaner or household ammonia. Rinse thoroughly and towel dry. There are some newer types of finishes for stainless steel that resist fingerprints, a must if your pint-sized helpers leave their mark on your stainless steel appliances.

4. Stainless steel cleaner.

If you’ve had staining or scratching, or need to polish your stainless steel, a stainless steel cleaner may be a good option. Some of these cleaners and polishes can help minimize scratching and remove stains. They also can polish stainless steel surfaces nicely.

Read the directions on the stainless steel cleaner and test in an inconspicuous spot. Be sure to rinse thoroughly and towel dry.

INSTRUCTIONS FOR FINISH MAINTENANCE **OF TORKLIFT PRODUCTS**

POWDER COATED STEEL:

To keep your Torklift products looking good follow these guidelines. All steel powder coated Torklift products are sandblasted for maximum adhesion and use a high quality industrial urethane based powder coat. Due to the extreme, harsh, undercar environment that your Torklift products live in, (consistently sprayed with corrosive road chemicals such as salt, and road debris), Torklift does not warranty the power coated finish.

To minimize corrosion from these factors on powder coated steel products, Torklift recommends regularly cleaning and inspecting the powder-coated surface and touching up any affected areas with enamel or urethane based aerosol paint product. If there are any areas of surface rust, there are also aerosol spray rust converters available on the market that can be used as a preparation to touch-up paint application. These finish maintenance products are available at any automotive parts supplier.

POLISHED STAINLESS STEEL:

Torklift utilizes quality grade 304 stainless steel in our stainless steel polished products. 304 stainless steel is well known for its anti-corrosive properties. However, in some environments such as coastal regions or when coming in contact with some road chemicals, corrosion may occur.

For a quick clean simply use WD40 and a cloth rag. We also recommend occasional polishing of our polished stainless products to maintain their attractive finish. Use an approved stainless steel chrome or aluminum mag wheel polish cleaning product, which can be purchased from any automotive