



OVER 35 YEARS OF INNOVATION, QUALITY, SAFETY.

IMPORTANT OWNER-OPERATOR INSTALLATION INSTRUCTIONS

[Anchor Guard Derringer](#)

S9020

S9020 INVENTORY LIST

- 2- O-RING
- 4- 1/4" PIN
- 8- 1/2" HEX NUT
- 2- 21" THREADED ROD
- 2- 9-1/2" THREADED ROD
- 4- 1/2" SQUARE THREADED NUT
- 4- ALUMINUM DERRINGER HANDLE
- 2- LONG **SPRINGLOADED FRONT** TURNBUCKLE
- 2- SHORT **CUSHIONED REAR** TURNBUCKLE

ASSEMBLY

Step 1-

Please read and inventory of all items included before assembly. Take one **ALUMINUM DERRINGER HANDLE** and open the handle to expose the inside of the bracket (*See Photo 1.1*). You will see a 1/2" hole at the bottom of the **ALUMINUM DERRINGER HANDLE**. Take one **THREADED ROD** and insert one 1/2" **HEX NUT** onto both sides of the **THREADED ROD** and thread down about an inch (*See Photo 1.2 & 1.3*).

Step 2-

Place one end of the **THREADED ROD** into the 1/2" hole in the bottom of the **ALUMINUM DERRINGER HANDLE** (*See Photo 2.1*). Take one 1/2" **SQUARE THREADED NUT** and place on the inside of the **ALUMINUM DERRINGER HANDLE** and onto the **THREADED ROD** (*See Photo 2.2 & 2.3*). Tighten the 1/2" **HEX NUT** against the bottom of the **ALUMINUM DERRINGER HANDLE** until snug. If the nut will not tighten, place a flat head screw driver between the 1/2" **SQUARE THREADED NUT** and the **ALUMINUM DERRINGER HANDLE** while tightening the 1/2" **HEX NUT** with a wrench. Repeat on remaining three units.

Step 3-

Next, Take the **LONG SPRINGLOADED FRONT TURNBUCKLE** and pair it up with a 9-1/2" **THREADED ROD**. Screw the **THREADED ROD** into the open base of the **LONG SPRINGLOADED FRONT TURNBUCKLE** and adjust the length of the turnbuckle (*See Photo 3.1 & 3.2*). Repeat this step on the other **LONG SPRINGLOADED FRONT TURNBUCKLE**.

Step 4-

Repeat Step 3 with a **SHORT CUSHIONED REAR TURNBUCKLE** and 21" **THREADED RODS**

Step 5-

Locate the **O-RINGS** and place over the Swivel Hooks mounted on each **LONG SPRINGLOADED FRONT TURNBUCKLE** (*See Photo 5.1*). The **O-RINGS** are only to be used with the **LONG SPRINGLOADED FRONT TURNBUCKLES** as they are spring loaded and the **SHORT CUSHIONED REAR TURNBUCKLES** are rubber cushioned and do not contain a spring therefore rubber O-RINGS are used/needed.

INSTALLATION

Step 6-

Hang the **AnchorGuard Derringer** from the camper anchor point by the **ALUMINUM DERRINGER HANDLE** hook. With the **AnchorGuard Derringer** in the closed position, the threaded hook should be positioned and adjusted until the swivel hook is approximately 1/2" above the tie down (*See Photo 6.1*).

In some cases, campers that use eye bolts for anchor points will have the opening of the eye facing the front or 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 6.2

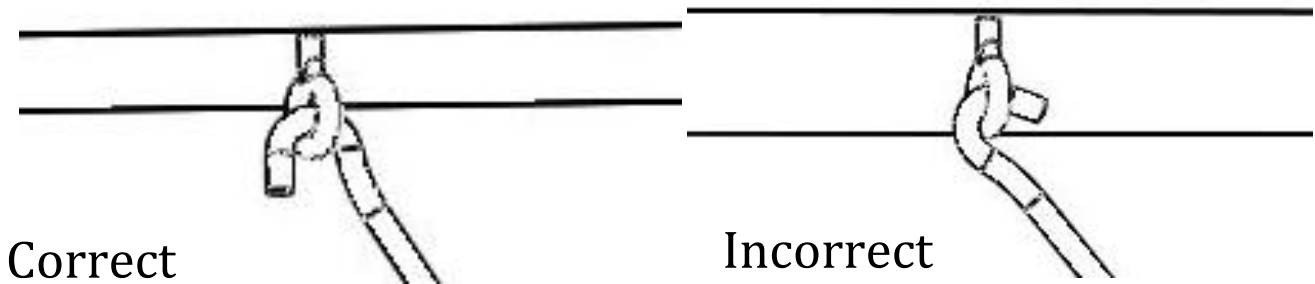


Figure 6.2

Step 7-

Remove the **AnchorGuard Derringer** from the camper and insert the swivel hook onto the tie down. ****In some applications, you may find that the threaded rod is not long enough or the hook does not easily insert into the hole on either the camper or**

the tie down. You can use quick links or clevises (available at your local hardware store) in order to bypass any difficulty** Open the **ALUMINUM DERRINGER HANDLE** assembly and insert the top Derringer hook into the camper anchor point.
Step 8-

****FOR LONG SPRINGLOADED FRONT TURNBUCKLE ONLY**** To check for correct spring tension, push the lever handle down until you begin to feel spring tension. The **O-RING** is only used as a gauge to set your spring tension. Adjust the **O-RING** against the turnbuckle barrel before locking the lever down. (*See Photo 8.1*) Locking the lever down should result in the **O-RING** being spaced approximately 1/4" (0.635 cm) below the body of the turnbuckle. (*See Photo 8.2*).

Step 9-

The **SHORT CUSHIONED REAR TURNBUCKLE** WILL NOT use the **O-RING** as a tension Indicator. When adjusting the tension on the **SHORT CUSHIONED REAR TURNBUCKLE**, adjust for approximately one quarter less force on the lever than you applied to the spring-loaded turnbuckle.

!IMPORTANT!

DUE TO THE LEVER ACTION DESIGN, THE DERRINGER MAKES IT EASIER TO OVERTIGHTEN YOUR TURNBUCKLES THAN IT IS WITH CONVENTIONAL TURNBUCKLES. DO NOT OVERTIGHTEN, AS DAMAGE MAY OCCUR!

ILLUSTRATED DIAGRAMS

Photo 1.1



Photo 1.2



Photo 1.3

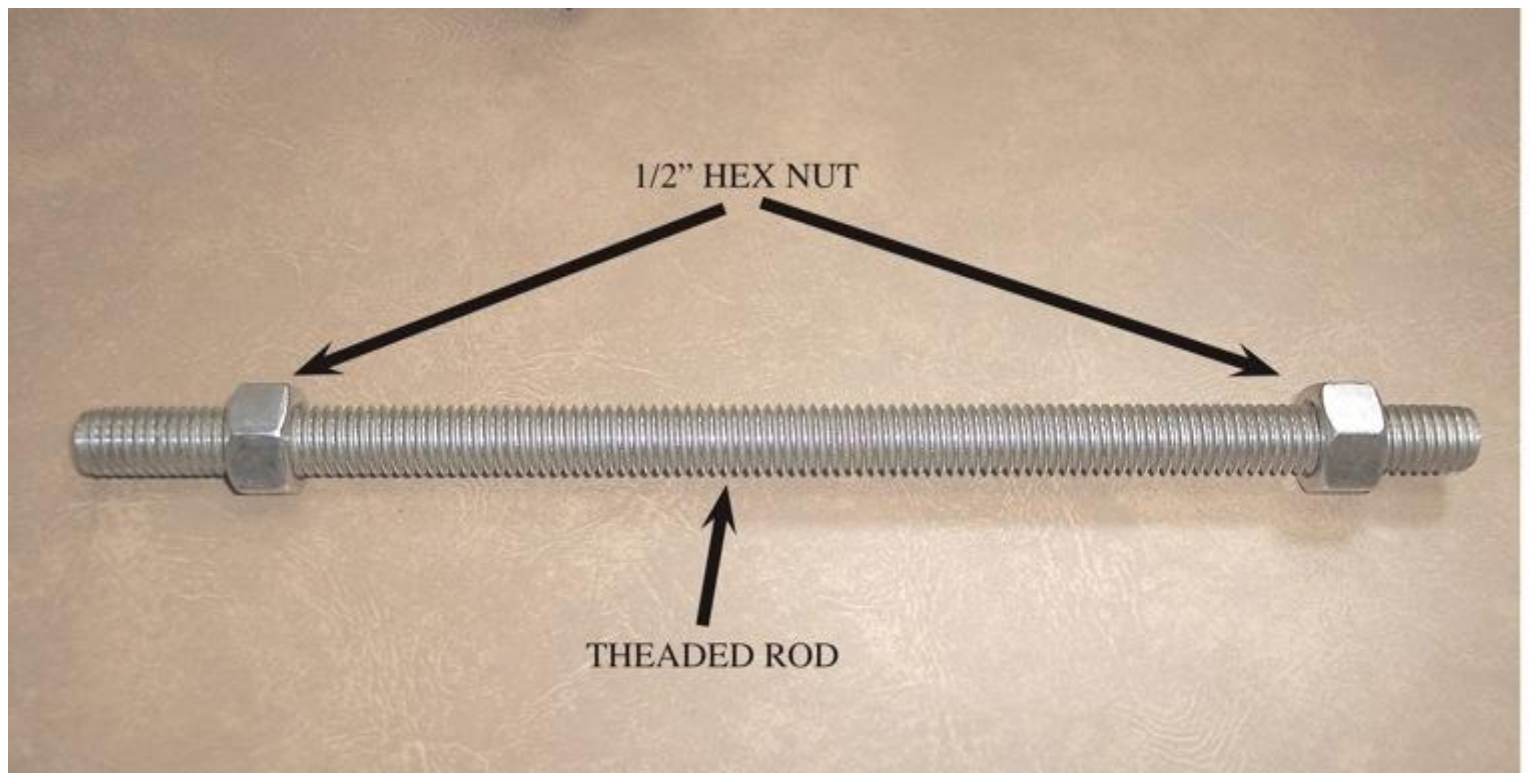


Photo 2.1

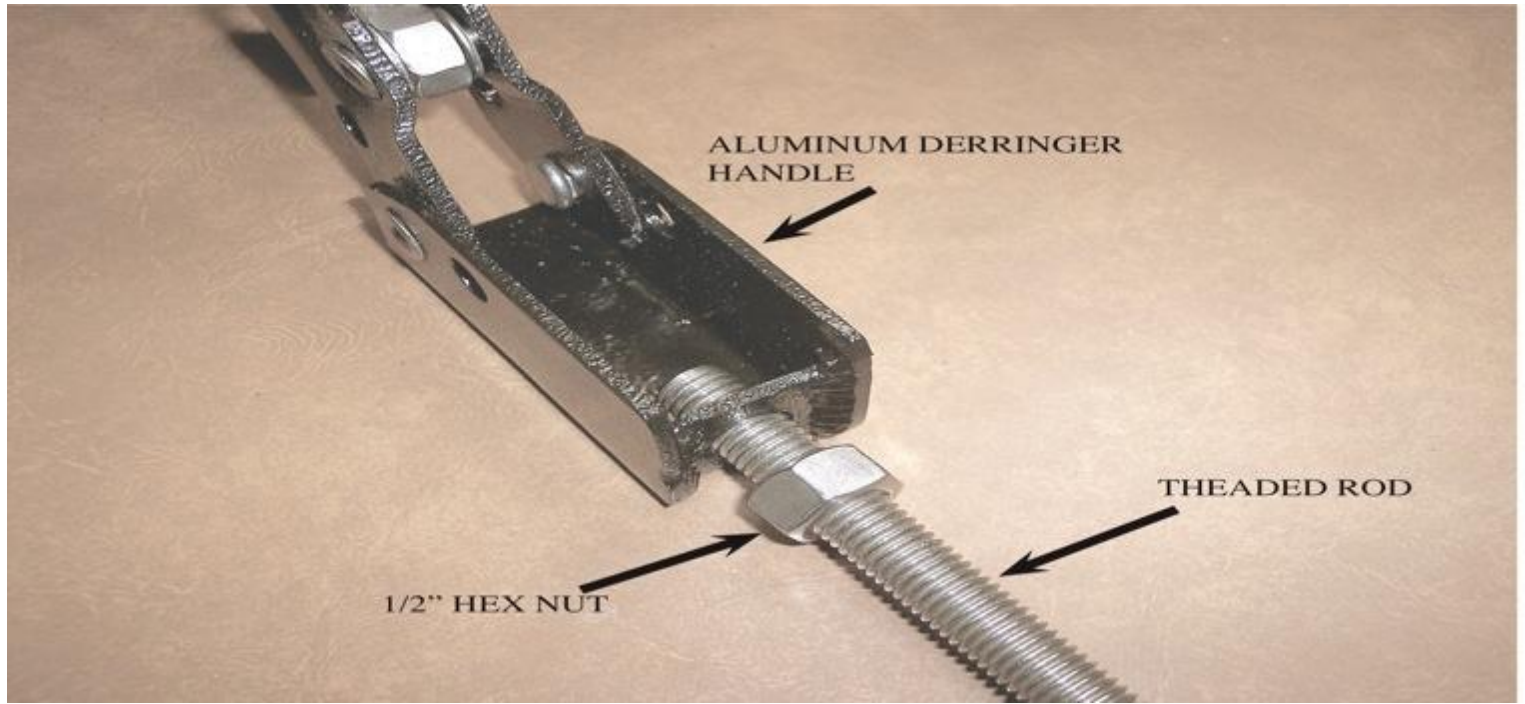


Photo 2.2



Photo 2.3

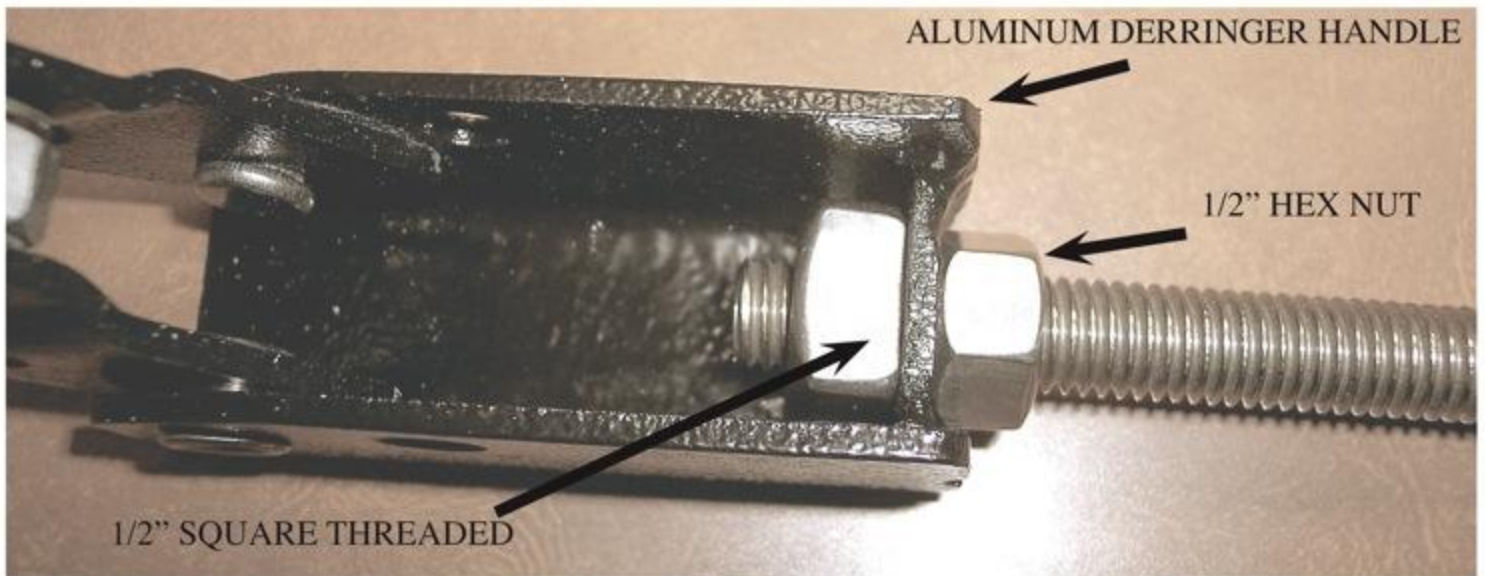


Photo 3.1

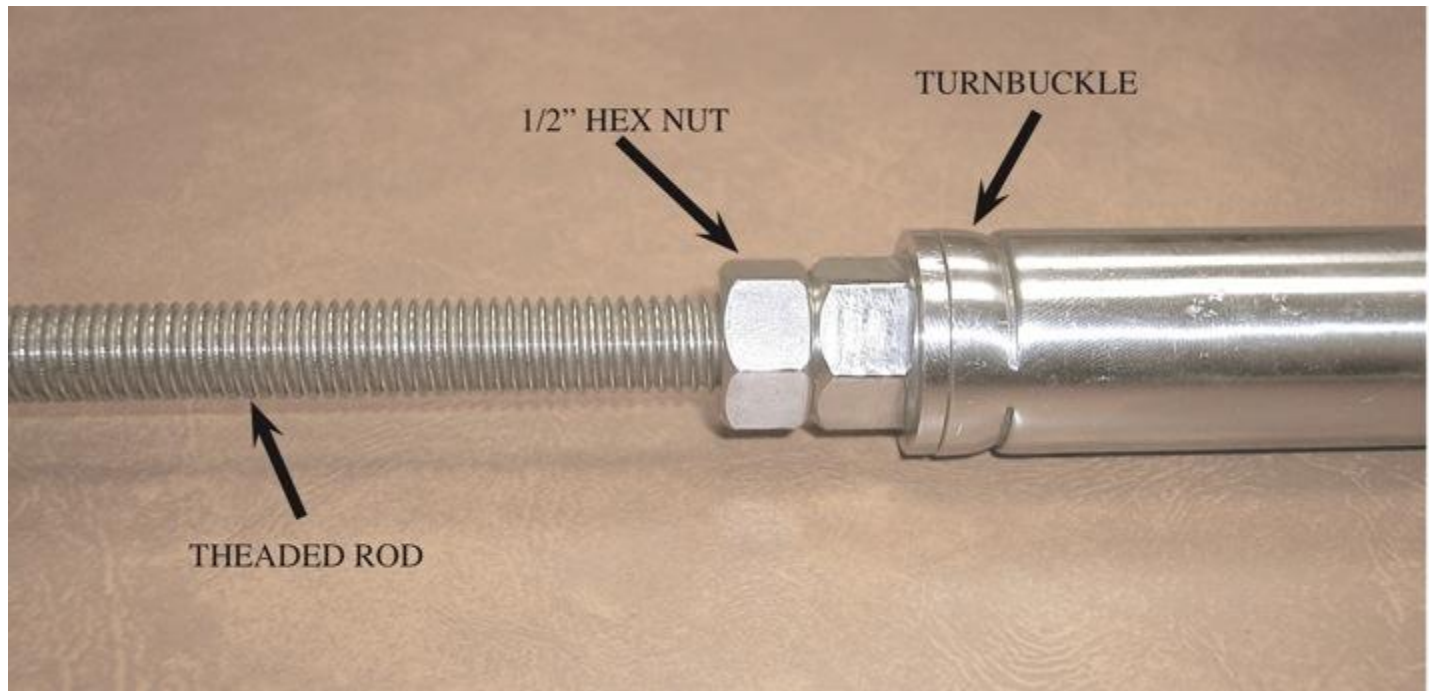


Photo 3.2



Photo 5.1



Photo 6.1

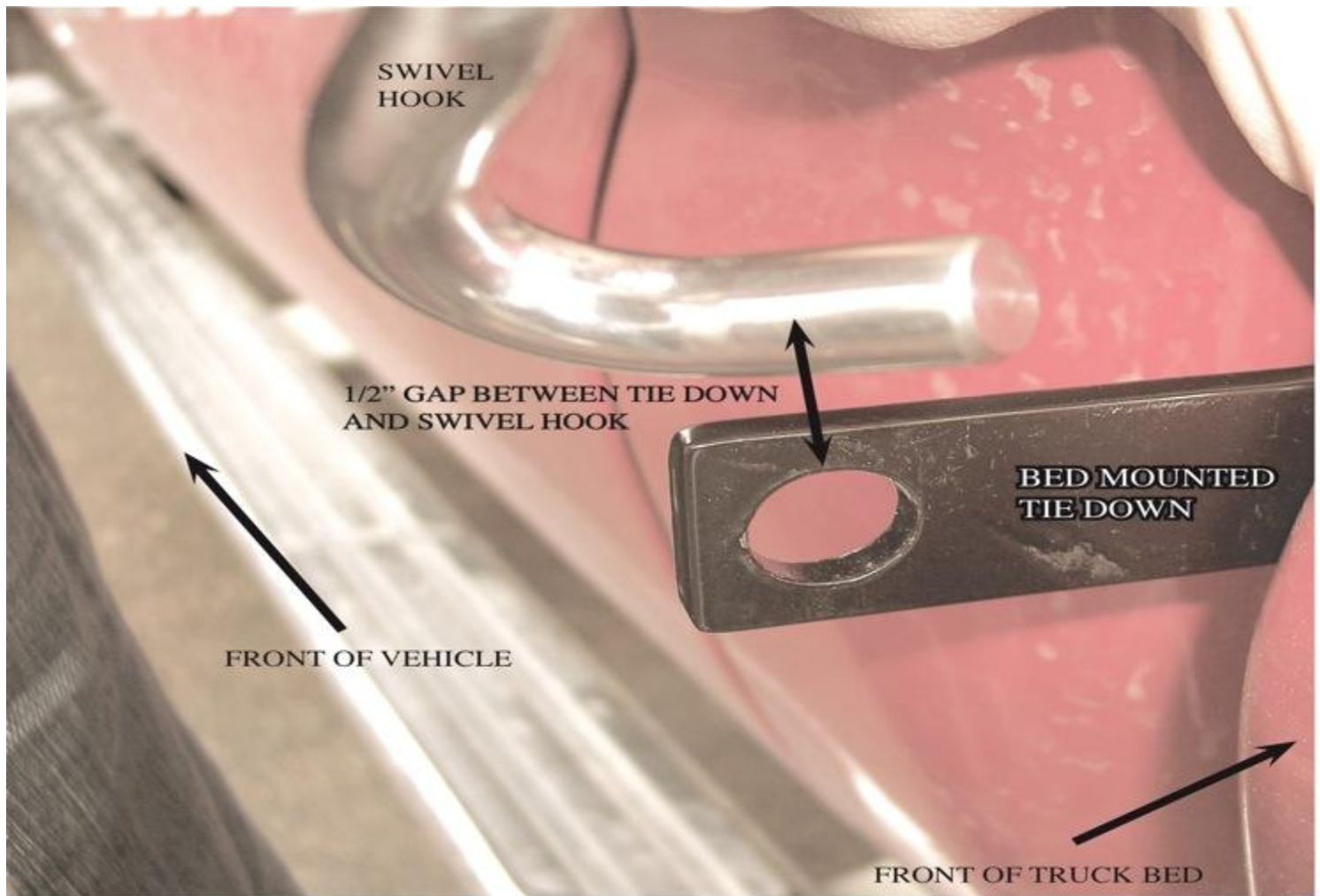


Photo 8.1

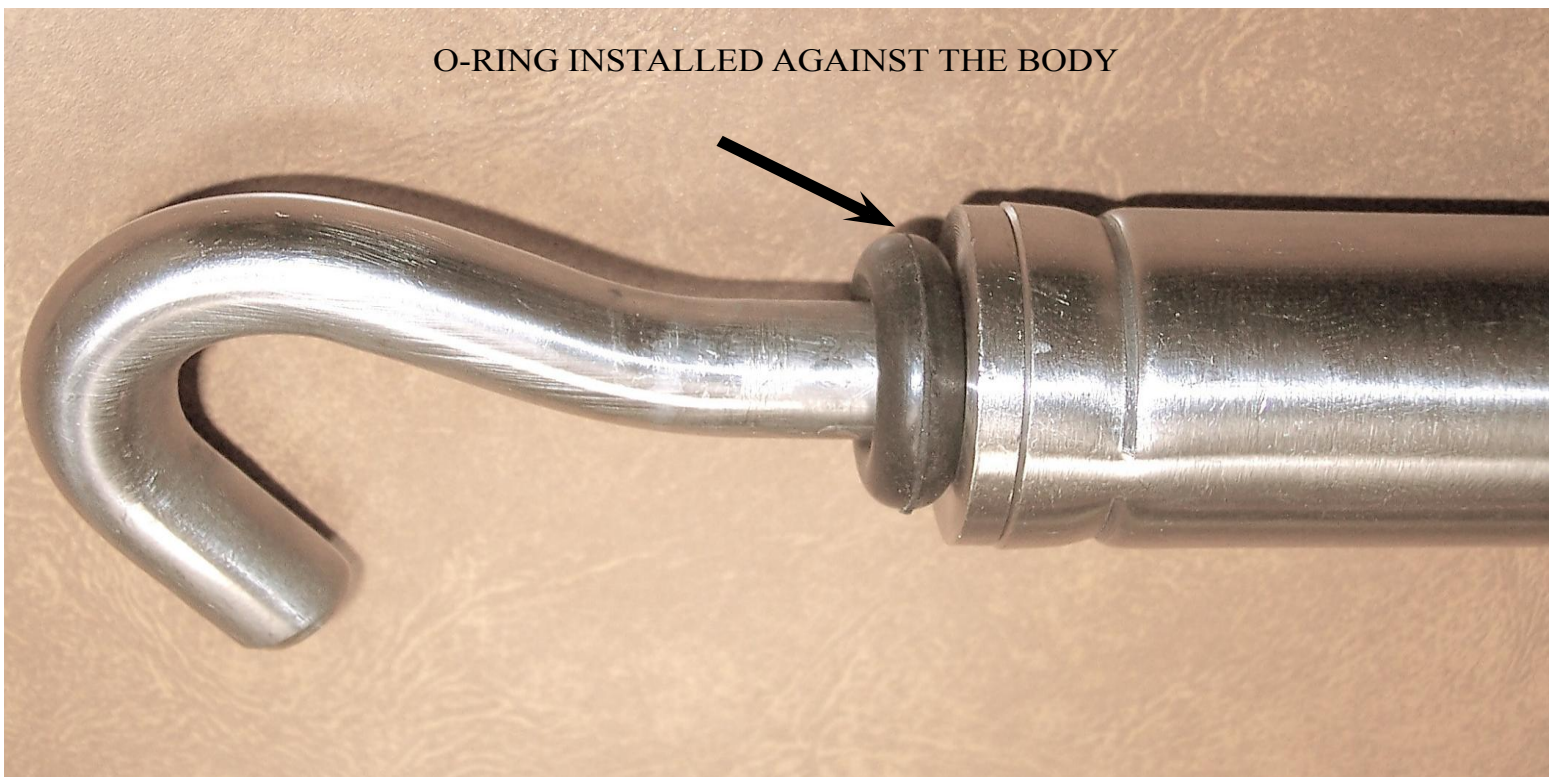
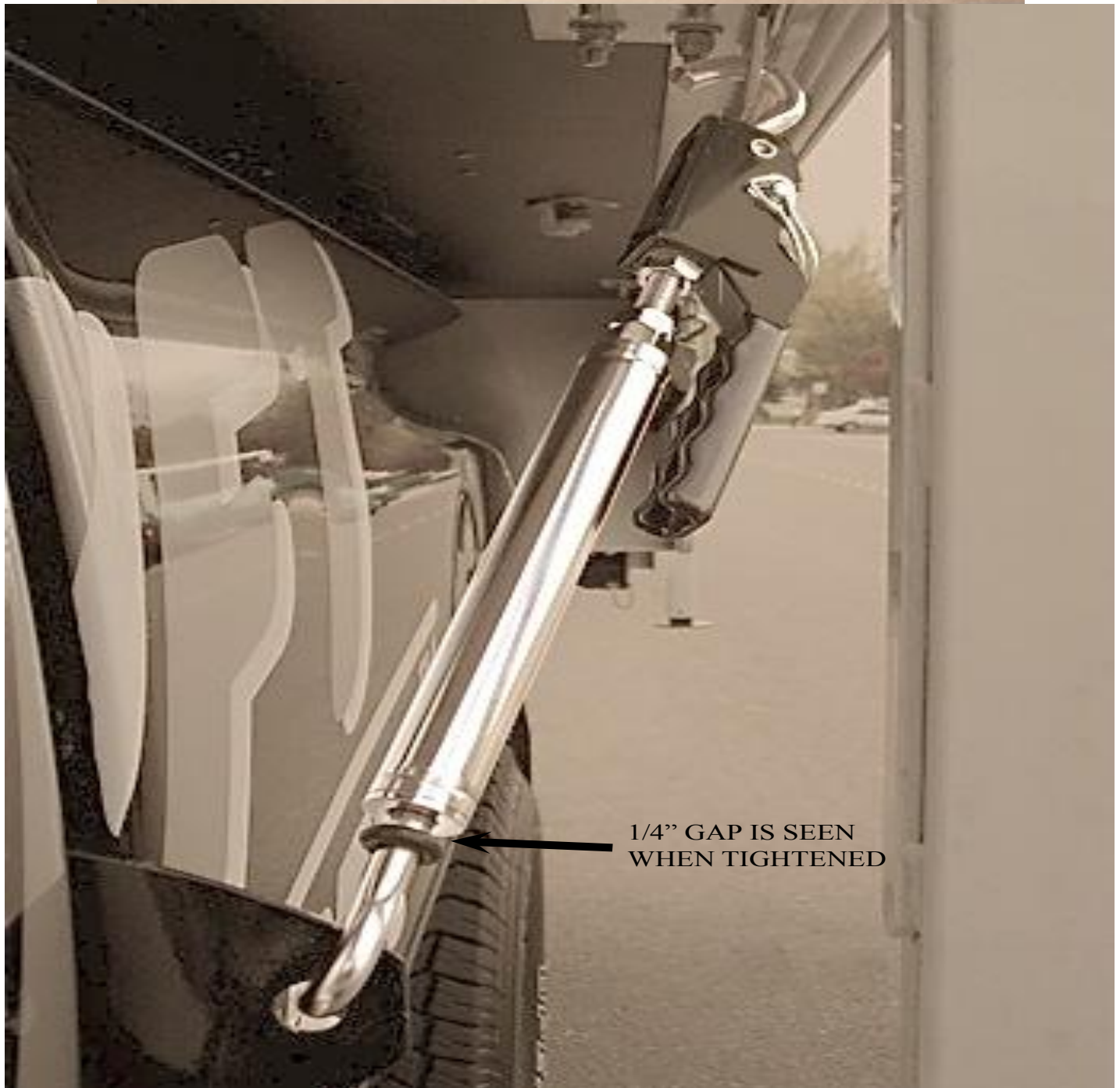


Photo 8.2



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 parts supplier.