

Owner's Manual

JS-2000 Trailer Stabilizing Jack



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Introduction

This manual provides information necessary for the operation and maintenance of the SAF-HOLLAND® JS-2000 Trailer Stabilizing Jack.

Read this manual before using or servicing this product and keep it in a safe location for future reference. Updates to this manual, which are published as necessary, are available on the internet at www.safholland.us.

When replacement parts are required, SAF-HOLLAND highly recommends the use of only SAF-HOLLAND Original Parts. A list of technical support locations that supply SAF-HOLLAND Original Parts and an Aftermarket Parts Catalog are available on the internet at www.safholland.us or contact Customer Service at 888-396-6501.

Warranty

Refer to the complete warranty for the country in which the product will be used. A copy of the written warranty is included with the product or available on the internet at www.safholland.us.

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Notes, Cautions, and Warnings

Before starting any work on the unit, read and understand all the safety procedures presented in this manual. This manual contains the terms “NOTE”, “IMPORTANT”, “CAUTION”, and “WARNING” followed by important product information. These terms are defined as follows:

NOTE: Includes additional information to enable accurate and easy performance of procedures.

IMPORTANT: Includes additional information that if not followed could lead to hindered product performance.

CAUTION Used without the safety alert symbol, indicates a potentially hazardous situation which, if not avoided, could result in property damage.

⚠ CAUTION Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

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

1. Safety Instructions

General and Servicing Safety Instructions

- Read and observe all Warning and Caution hazard alert messages. The alerts provide information that can help prevent serious personal injury, damage to components, or both.

⚠ WARNING

Failure to follow the instructions and safety precautions in this manual could result in improper servicing or operation leading to component failure which, if not avoided, could result in death or serious injury.

- All maintenance should be performed by a properly trained technician using proper/special tools, and safe procedures.

NOTE: In the United States, workshop safety requirements are defined by federal and/or state Occupational Safety and Health Act (OSHA). Equivalent laws may exist in other countries. This manual is written based on the assumption that OSHA or other applicable employee safety regulations are followed by the location where work is performed.

- DO NOT walk/crawl underneath a jack during operation.

⚠ WARNING

Failure to keep clear from underneath the trailer could create a crush hazard which, if not avoided, could result in death or serious injury.

- DO NOT operate the jack if it is cracked, bent, or any other damage is present. Using damaged jacks could result in death or serious injury.

⚠ WARNING

Failure to check condition of the jack prior to operating could result in unexpected performance which, if not avoided, could result in death or serious injury.

⚠ WARNING

Using damaged jacks could result in unexpected performance which, if not avoided, could result in death or serious injury.

⚠ WARNING

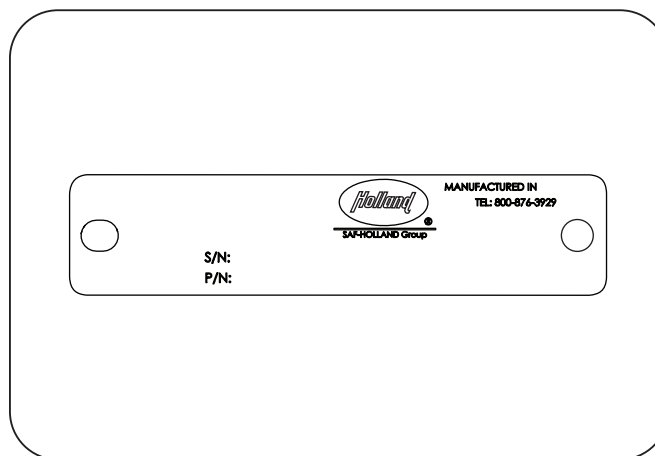
Failure to secure the trailer from rolling, when operating the jack, could result in death, serious injury or property damage.

2. Model Identification

JS-2000

The JS-2000 identification code is located, behind the grease fittings on the jack (**Figure 1**). The first number is the serial number, and the second number is the part number. In order to properly identify the HOLLAND® Jack and its components when communicating with SAF-HOLLAND or a dealer, please record the part and serial numbers below and refer to them when ordering replacement parts.

Figure 1



Part No. _____

Serial No. _____

Purchase date: _____

3. JS-2000 Operation

3.1 Pre-Operation Inspection

The jack should be visually inspected prior to use. Visually check for damaged, loose or broken components. Repair or replace the damaged jack.

⚠ WARNING Failure to check the condition of the jack prior to operating could result in use of damaged product which, if not avoided, could result in death or serious injury.

3.2 Operating Instructions

1. Determine the number and placement of JS-2000 trailer stabilizing jacks required to stabilize the trailer.
2. Roll and / or slide the JS-2000 jack(s) to the required position(s). The jack **MUST** be vertical, firmly supported on a flat surface and positioned to contact a structurally sound area of the trailer underside (**Figure 2**). A hole is supplied on the top of the jack to accept the trailer kingpin; this provides additional security when positioning the jack under the front area of the trailer.

⚠ WARNING Failure to rest the jack(s) on a hard, flat surface, could result in trailer tip-over which, if not avoided, could result death or serious injury.

3. Operate the crank until the jack(s) contacts the trailer underside with no clearance. Turn the crank counter-clockwise to extend the jack as shown in (**Figure 3**).

CAUTION Failure to stay clear of the crank path while operating the crank could result in a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

IMPORTANT: The JS-2000 trailer stabilizing jack provides non-lifting support for semi-trailers. Performing lifting operations could lead to hindered product performance.

4. To remove the jack(s), operate the crank to relieve the force and to obtain sufficient clearance to remove it from under the trailer. Turn the crank clockwise to retract the jack as shown in (**Figure 3**).

Figure 2

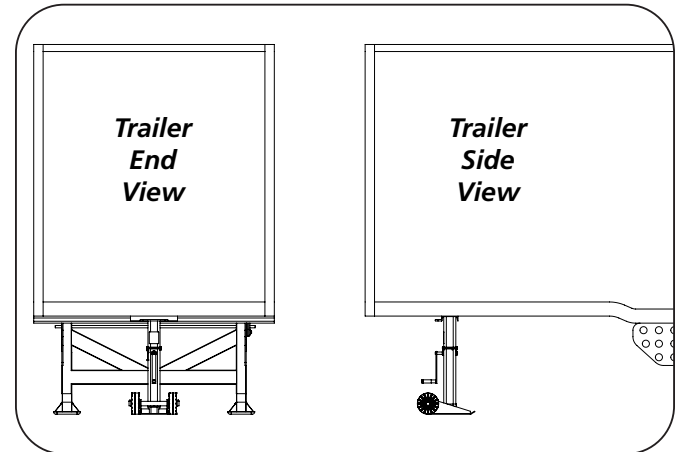
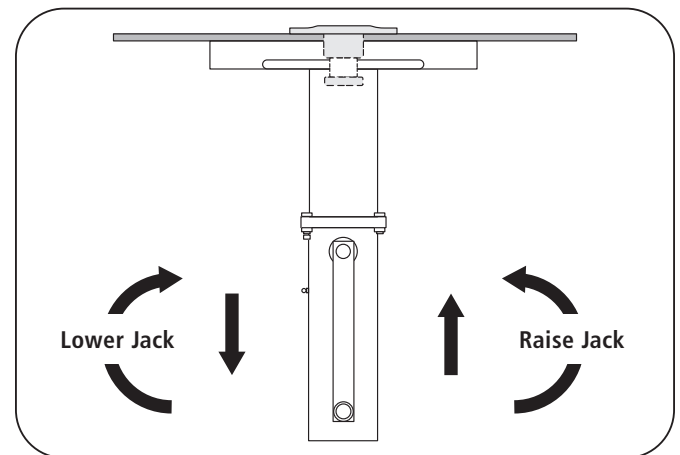


Figure 3



4. Routine Service and Inspection

4.1 Jack Inspection (Before Use)

Before use, inspect the jack for cracks, bent components, or damaged/missing hardware, and any noticeable defects (**Table 1**). The jack **MUST** be repaired prior to operation to avoid damage and possible injury.

⚠ WARNING

Failure to check the condition of jack prior to operating could result in use of damaged product which, if not avoided, could result in death or serious injury.

4.2 Lubrication

The jack requires lubrication whether it is used frequently or sits idle for extended periods of time. If left idle and ungreased, hard cranking could result. Use high quality grease for normal applications. For low temperature applications, use low temperature grease. Follow these steps to maintain expected performance (**Figure 4**).

CAUTION

Failure to properly lubricate the jack when required could result in damage to the Jack.

1. Place the jack on level ground.
2. Fully retract the jack, then extend the jack 2-3 turns and lubricate the lift-screw assembly through grease fitting "A". Apply 1/2 lb. of grease.
3. Lubricate the bevel gear using grease fitting "B". Apply 1/4 lb. of grease.
4. Distribute the lubrication by fully extending and retracting the jack several times.

4.3 Cleaning

No special cleaning of the jack is required; however, the jack should be cleaned once per year.

NOTE: DO NOT directly aim water at the jack shafts and bushings or up into the retract assembly. Water infiltration into the housing may cause corrosion.

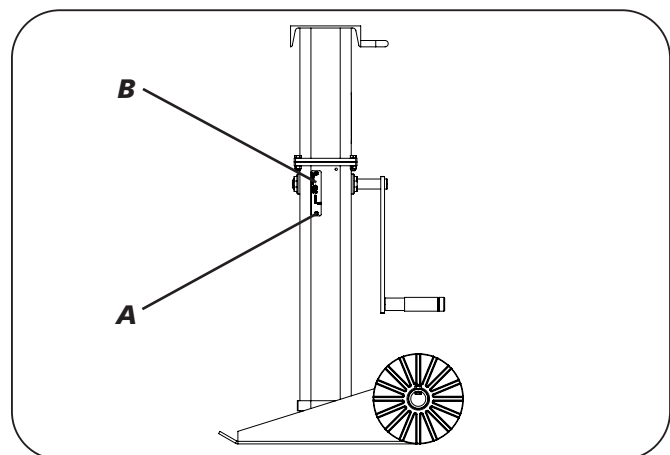
CAUTION

Failure to prevent water infiltration into the shafts, bushings and retract assembly, could result in damage to the jack.

Table 1

Procedure	Interval	Notes
Jack Inspection	Every use	Replacement/repair required if components visibly damaged, loose, or broken.
Hard to Crank	Every use	Replace/repair required
Lubrication	Every 6 months	More frequently in excessively moist and dusty conditions, as well as if not used for extended periods of time.
Hardware Inspection	Every 6 months	
Cleaning	Every Year	

Figure 4



4.4 Hardware Inspection

Perform the following procedures to ensure the jack is in proper working order:

1. Repair or replace any broken or damaged part of the jack assembly.

⚠ WARNING

Failure to repair or replace damaged jack components can result in unsafe product conditions which, if not avoided, could result in death or serious injury.

2. Inspect the crank handle. If the handle or grip are bent or damaged, replace the handle.
3. Inspect the footware for damage and replace if the components are bent or cracked.
4. Rebuild or replace the jack with excessive play in the shafts and bushings.

5. Troubleshooting

Procedure	Interval	Notes
Hard to Crank Jack	Turning the crank in the wrong direction	Refer to "Jack Operation" for proper crank rotation.
	Excessive wear or damage to pinion or bevel gear.	Replace damaged gears.
	Damaged lift screw or nut.	Check jack for signs of impact (accident) damage. Replace entire retract assembly or damaged jack.
	Upper housing or retract tube may be bent.	Replace damaged part(s) or jack.
	Lack of grease.	Grease Jack as provided in the "Lubrication" section.
Crankshaft jams or skips while turning	Inner leg screw damaged.	Examine the lift nut and screw of the inner leg assembly for impact (accident) damage. Replace components or jack as necessary.
	Worn, broken, or damaged gears (missing teeth).	Examine pinion, bevel pinion for missing teeth or other signs of damage or wear. Replace components as necessary.
Jack is locked and will NOT turn	Bent retracting screw or damaged riser nut & screw.	Check jack for signs of impact (accident) damage. Replace entire retract assembly or damaged jack.



From fifth wheel rebuild kits to suspension bushing repair kits, SAF-HOLLAND Original Parts are the same quality components used in the original component assembly.

SAF-HOLLAND Original Parts are tested and designed to provide maximum performance and durability. Will-fits, look-alikes or, worse yet, counterfeit parts will only limit the performance potential and could possibly void SAF-HOLLAND's warranty. Always be sure to spec SAF-HOLLAND Original Parts when servicing your SAF-HOLLAND product.

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