

# PH-30SB51

## Specifications

### Swivel Type Pintle Hook with Spring Cushion.

**6,000 lbs. Maximum Vertical Load, 30,000 lbs. Maximum Gross Trailer Weight**

Tested in accordance with SAE J847 (Type II)

### Important Safety Information

Maintain adequate vertical (tongue) load to properly control the trailer (generally 10%) but DO NOT exceed the above rated capacities.

DO NOT damage the latch. Be particularly careful with the drawbar when coupling and uncoupling.

Other steps and inspections are also required. Consult OSHA and D.O.T. regulations and American Trucking Association for complete coupling and uncoupling procedures. These cover items such as cargo securement, brakes, lights, safety chains, and other important requirements.

This equipment MUST NOT be used or maintained in a careless manner.

### General Information

1. DO NOT modify or add to the product.
2. Wear safety goggles during installation, removal and servicing.
3. Never strike any part of the item with a steel hammer.
4. DO NOT weld on this product.

This product is covered by SAF-HOLLAND's® Commercial Products Warranty. SAF-HOLLAND reserves the right, without giving prior notice, to change specifications and dimensions as designs are altered or improved.

### Towing Applications

Trailers and equipment designed for over-the-road towing within the stated capacities. Use ONLY with a non-swivel type drawbar. For off-road applications, reduce the capacities above by 25% and use in conjunction with a swivel type drawbar.

### Drawbar Eye Dimensions

Compatible with drawbar eyes with the following dimensions:

- Internal eye diameter from 2" to 3".
- Drawbar eye cross sections from 1-1/4" to 1-5/8" Diameter.

### Mounting

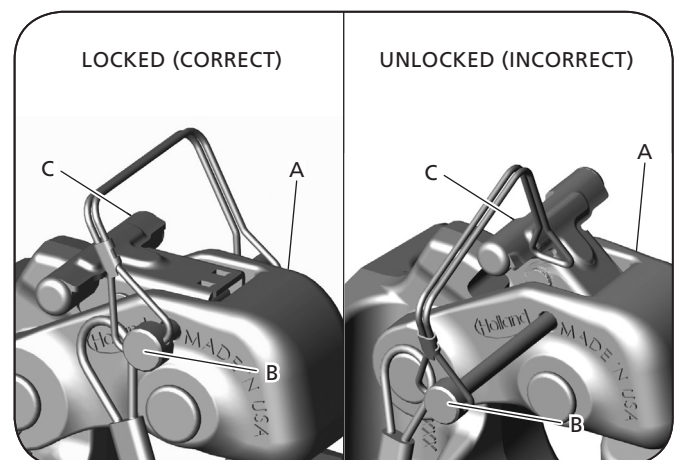
1. Use a mounting structure of sufficient strength to support the rated capacity of the pintle hook in accordance with SAE J847 and SAE J849.
2. Use the hole pattern described on the reverse.

3. It may be easier to mount the pintle hook if it is disassembled and the bracket is fastened in place first. If this procedure is desired, remove cotter pin (XB-T-60), nut (XB-T-9N), washer (XA-T-56), spring (XB-T-52) and pintle (XA-10798) from the mounting bracket (XA-10891).
4. Install bracket (or complete pintle hook) using eleven (11) 1/2" Grade 8 fasteners, properly tightened. A lug is provided for the addition of braces as shown on the reverse.
5. If not installed as a unit, install pintle, spring, washer and nut. Tighten nut until snug against the spring. Turn nut an additional half turn minimum and install cotter pin in the nut castellation. Spread cotter pin. If installed as a unit, verify proper nut adjustment as explained above.

### Operating Instructions

1. Before operating, inspect for proper operation, worn, damaged or missing parts and a secure mounting. Correct as required before use.
2. Make sure the pintle is in the proper coupling position as shown (with latch on top).
3. Open latch (A) by removing lock pin (B) and lifting the lock handle (C) (**Figure 1**).
4. Position the drawbar eye over the horn of the pintle and lower into place.
5. Push the latch (A) closed and insert the lock pin (B) in the hole provided in the latch (**Figure 1**).
6. If main lock does not engage when attempting to close latch, do not force it closed by striking. Check bottom of latch and top of horn and lock seating notch on pintle body that they are free of debris.

**Figure 1**



## Maintenance

For proper performance, the following maintenance steps should be performed every 30,000 miles or 3 months, whichever comes first.

1. Clean and inspect for worn, damaged or missing parts. Replace as required using only SAF-HOLLAND original parts.
2. Inspect the hook (XA-10798) and latch (XA-10632-1 sub-assembly) in areas where contact is made with the drawbar for excessive wear. Replace the hook when wear exceeds 1/8" from the original surface profile.
3. With the latch closed, measure the gap between the hook and the latch while lifting up on the latch. Replace the latch (XA-10632-1 sub assembly) when the gap exceeds 1/4". Refer to Detail A.
4. Periodically disassemble to inspect for wear on the shank and mounting bracket. Replace any component when wear exceeds 1/8" from the original surface profile.
5. Apply a small quantity of grease through the grease fitting in the mounting bracket.
6. check mounting fasteners for proper torque retighten nut (XA-T-9N) as instructed in Step 5, of the "Mounting" instructions on page 1.
7. Lubricate latch pivots with a light oil lubricant or penetrating oil.

