

# PH-30RP51

## Specifications

### Rigid Type Pintle Hook

#### 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 are designed for over-the-road towing within the stated capacities. 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 2-3/8" to 3".
- Drawbar eye cross sections from 1-1/4" to 1-5/8" diameter.

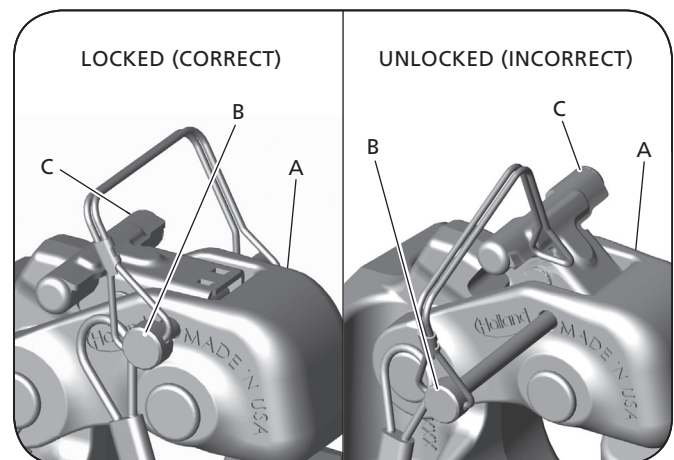
### Mounting

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. Use four (4) 1/2" Grade 8 fasteners, torqued to 60 ft.-lbs.

### Operating Instructions

1. Before operating, inspect for proper operation, worn, damaged or missing parts and a secure mounting. Correct as required before use.
2. Ensure the pintle hook is mounted properly with the latch on top. (Product is NOT to be used upside down.)
3. Open the latch (A) by removing the lock pin (B) and lifting the lock handle (C) (**Figure 1**).
4. Position the drawbar eye over the horn of the pintle hook and lower into place.
5. Push the latch (A) closed. When properly locked, the lock handle (B) will rotate down into the lock body and sit flush with the top of the latch (**Figure 1**). Reinsert the lock pin (B) into the hole of the latch (A) (**Figure 1**).
6. If the lock handle (B) does not rotate down when attempting to close the latch (A), DO NOT force it closed by striking. Check the bottom of the latch, the top of the horn, and the lock seating notch on the pintle hook body, that they are free of debris.

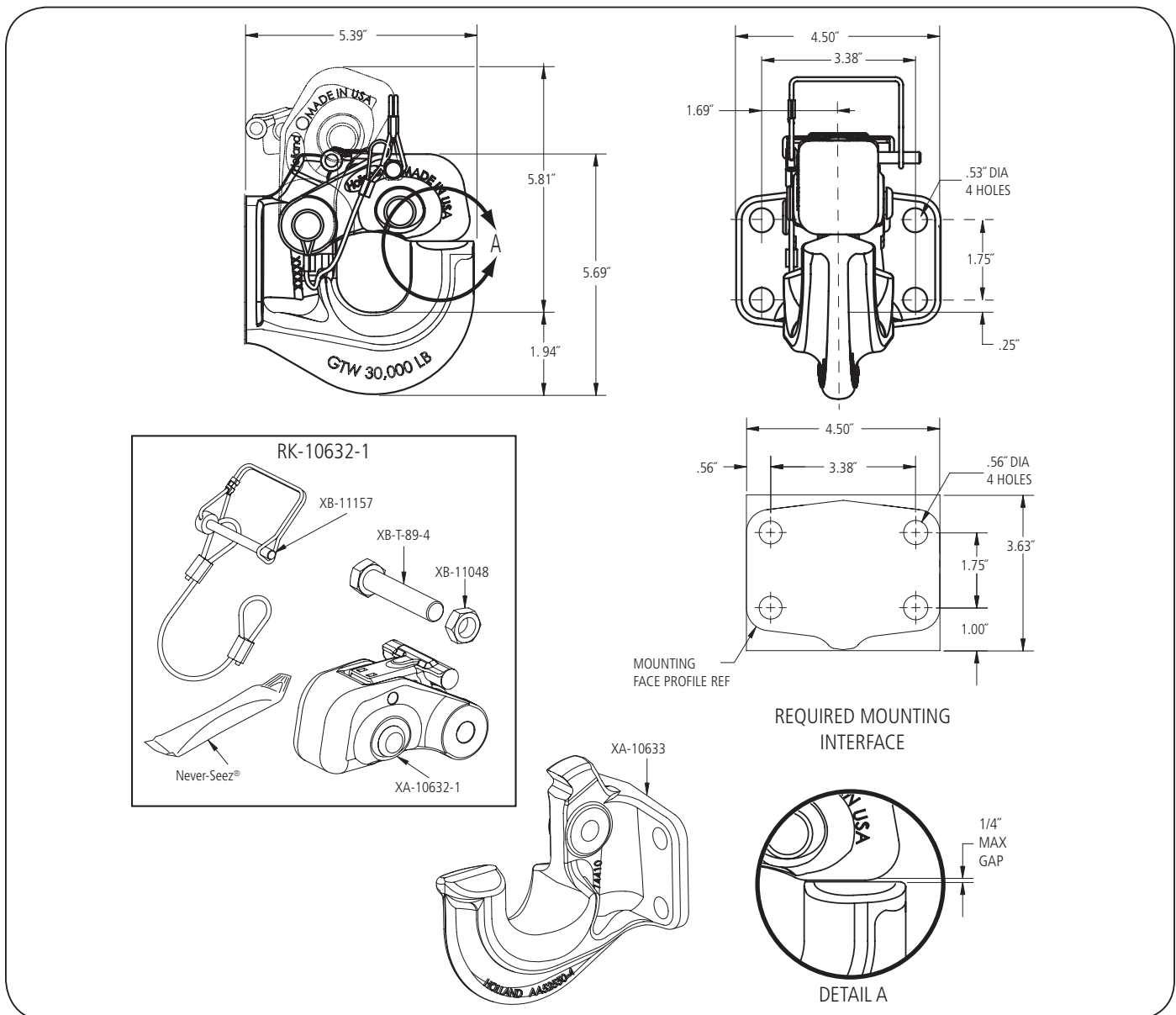
Figure 1



## 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-10633) 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. Check mounting fasteners as instructed in Step 3 of the "Mounting" section.
5. Lubricate latch pivots with a light oil lubricant or penetrating oil.



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