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Holland PH-30RP41

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Model: **PH-30RP41** | Brand: **Holland**

1. PRODUCT OVERVIEW

The Holland Hitch Company PH-30RP41 is a robust, rigid mount pintle hook engineered for demanding towing applications. It is suitable for both over-the-road and off-road environments, providing a secure connection for trailers equipped with lunette rings. This manual provides essential information for the proper setup, operation, and maintenance of your PH-30RP41 pintle hook.



Figure 1: Front view of the Holland Hitch Company PH-30RP41 Pintle Hook, showcasing its robust construction and mounting points.

2. KEY FEATURES

- **Model:** PH-30RP41
- **Maximum Vertical Load:** 6,000 lbs. (2,720 kg)
- **Maximum Gross Trailer Weight:** 30,000 lbs. (13,610 kg)
- **Weight:** 8.4 lbs. (4.2 kg)
- **Material:** Alloy Steel for superior strength and durability.
- **Finish:** Powder Coated for enhanced corrosion resistance.
- **Mounting:** Designed for rigid, flat plate mounting.

3. SETUP AND INSTALLATION

The PH-30RP41 pintle hook is designed for direct mount applications, requiring a compatible flat plate receiver. Ensure all mounting surfaces are clean and free of debris before installation.

1. **Prepare Mounting Surface:** Verify that your vehicle or trailer has a suitable flat plate receiver with appropriate bolt patterns for the pintle hook.
2. **Align Pintle Hook:** Position the PH-30RP41 pintle hook onto the flat plate, aligning the four bolt holes.
3. **Secure with Bolts:** Insert the provided Grade 8 bolts through the pintle hook and the mounting plate. Secure with washers and nuts, tightening to the manufacturer's specified torque settings. Refer to your vehicle or receiver's manual for specific torque requirements.
4. **Inspect Connection:** After tightening, visually inspect all connections to ensure they are secure and that there is no play.

WARNING: Always ensure the pintle hook is correctly installed and secured before towing. Improper

installation can lead to equipment failure and serious injury.

4. OPERATING INSTRUCTIONS

To properly couple and uncouple a trailer with a lunette ring to the PH-30RP41 pintle hook:

1. **Prepare for Coupling:** Remove the safety pin from the locking arm mechanism. Lift the spring-loaded locking arm to open the pintle hook jaw.
2. **Position Trailer:** Carefully back the towing vehicle towards the trailer, aligning the lunette ring with the open jaw of the pintle hook.
3. **Engage Lunette Ring:** Lower the lunette ring fully into the pintle hook jaw.
4. **Secure Locking Arm:** Release the spring-loaded locking arm, ensuring it fully closes and secures the lunette ring within the hook.
5. **Insert Safety Pin:** Re-insert the safety pin through the designated hole in the locking arm to prevent accidental opening during transit.
6. **Verify Connection:** Perform a visual and physical check to confirm the lunette ring is securely seated and the locking arm is fully engaged and pinned.

CAUTION: Always ensure the safety pin is in place before towing. Avoid sudden movements or excessive speed, especially when towing heavy loads, to minimize wear and tear on the hitch components.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your PH-30RP41 pintle hook.

- **Routine Inspection:** Before each use, inspect the pintle hook for any signs of wear, cracks, bends, or damage. Pay close attention to the hook, locking arm, and mounting bolts.
- **Lubrication:** Periodically lubricate the moving parts of the locking mechanism and the contact surfaces of the hook with a suitable grease to ensure smooth operation and reduce wear.
- **Cleaning:** Keep the pintle hook clean from dirt, mud, and corrosive materials. Clean with mild soap and water, then dry thoroughly.
- **Bolt Torque:** Periodically check the torque of the mounting bolts and re-tighten to specifications if necessary.
- **Replace Worn Parts:** If any component shows significant wear or damage, replace it immediately with genuine Holland Hitch Company parts. Do not attempt to repair damaged components.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your pintle hook.

- **Difficulty Coupling/Uncoupling:**
 - Ensure the locking arm is fully open.
 - Check for debris or corrosion in the mechanism; clean and lubricate if necessary.
 - Verify the lunette ring is not bent or damaged.
- **Excessive Noise/Movement During Towing:**

- Confirm the lunette ring is fully seated and the locking arm is securely closed and pinned.
- Inspect for wear on the pintle hook or lunette ring that might create excessive play.
- Check mounting bolts for proper torque.

- **Corrosion:**

- Clean the affected areas and apply a rust-inhibiting paint or coating.
- Ensure regular cleaning and lubrication, especially after exposure to harsh weather or road salt.

IMPORTANT: If you cannot resolve an issue or suspect a critical component failure, discontinue use immediately and consult a qualified technician or Holland Hitch Company support.

7. SPECIFICATIONS

Specification	Detail
Brand	Holland
Model Number	PH-30RP41
Item Weight	8.8 Pounds (4.0 kg)
Vehicle Service Type	Trailer
Material	Alloy Steel
Finish Type	Powder Coated
Pull Force (Max. Gross Trailer Weight)	30,000 Pounds (13,610 kg)
Max. Vertical Load	6,000 lbs. (2,720 kg)
Automotive Fit Type	Universal Fit

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Holland Hitch Company directly through their official website or customer service channels. Always refer to your product's packaging or original purchase documentation for specific warranty terms and conditions.

Contact Information: Please refer to the manufacturer's official website or your product packaging for the most current contact details.