

## INSTALLATION INSTRUCTIONS

### King Pin Gooseneck Ball Adapter



- 30,000 lb. Gross Trailer Weight Rating
- 100% American Made Solid 1-piece Forging
- Hitch ball diameter 2<sup>5</sup>/<sub>16</sub>"
- Heat treated for exceptional strength & wear

### **TO AVOID INJURY - PLEASE READ CAREFULLY**

**THIS PRODUCT IS INTENDED FOR SHORT DISTANCE TRAVEL.**

**FOR LONG DISTANCE TRAVEL OR EXTENDED USE WALLACE FORGE RECOMMENDS SWITCHING GOOSENECK COUPLER TO A KING PIN ON A PIPE.**

**IN ORDER TO OPERATE PROPERLY LOCK 5TH WHEEL IN UPRIGHT POSITION OR BLOCK THE 5TH WHEEL UPRIGHT TO PREVENT TILTING.**

**FAILURE TO SECURE THE 5TH WHEEL UPRIGHT CAUSES EXCESSIVE FORCE WHICH CAN LEAD TO FAILURE.**

**FOLLOW D.O.T. REGULATIONS FOR INSTALLATION AND CONSULT WITH MANUFACTURER OF VEHICLE OR TRAILER.**

**DO NOT WELD OR MODIFY THIS PRODUCT.**

**DO NOT EXCEED MAXIMUM CAPACITY FOR THIS PRODUCT.**

**USE SAFETY CHAINS WITH PROPER CAPACITY IN CONJUNCTION WITH THIS PRODUCT.**

#### ***Warning:***

This equipment should not be used or maintained in a haphazard manner.

Do not exceed vehicle, trailer or king pin rated values.

Wallace Forge is not liable and warranty is voided if pintle hooks are welded or modified.

Inspect before use for wear and deformation requiring replacement.

Replace worn parts with Wallace Forge Company replacement parts.

Clean and lubricate properly. Only use Grade 8 bolts for mounting with proper torque.

Rigid Pintle hook capacities reduced by 25% when used for off-road purposes.

# TRAILER SAFETY FACTS

## ***Guidelines to ensure proper safety, maintenance, and operation:***

- Regularly clean and inspect the pintle hook before daily operation. Consult D.O.T. regulations and American Trucking Association standards for additional inspection and safety information.
- Lubricate latch bolts and pivot points with a light lubricating oil.
- Regularly inspect mounting bolts for damage and to ensure proper torque.
- If the pintle hook is damaged, severely worn, or missing ANY parts, DO NOT OPERATE.
- Make sure the mounting of the pintle hook is secure, and the latch is secured in the closed position, with the snapper pin securely clasped through the latch.
- **DO NOT** operate the pintle hook without the snapper pin inserted through the latch when the drawbar and pintle hook are coupled.
- Replace worn components with Wallace Forge Company replacement parts.
- Use safety chains of proper capacity in conjunction with all towing devices AT ALL TIMES.
- Replace pintle hook if wear of 1/8" or more has occurred.
- Ideal trailer tongue weight is 10% of Gross Trailer Weight, but no more than 15% for most vehicles. Note: Too little tongue weight is as bad as too much tongue weight. Both can cause vehicles to sway and lose control.

## **Safety Chains or Cables:**

**These are a requirement. They must cross under or make an "X" under the tongue of the trailer. There should be no more slack than necessary for turning.**

## ***Most Common Conditions Which Allow Trailer to Separate:***

1. Failure to secure latch in closed position and insert safety pin.
2. Faulty installation. Examples include, but not limited to:
  - Insufficient strength of mounting structure.
  - Wrong size lunette or ball, which does not allow enough clearance or freedom while driving over uneven terrain, causing hitch to bind.
3. Poor maintenance: If coupler requires lubrication it should be done at regular intervals. Check for loose or worn bolts, and damage to pintle hook. If pintle hook is more than 1/8" worn or ball hitch 1/32" worn, replace immediately. **WELDING IS NOT ACCEPTABLE.**
4. Keep the product free of dirt and road salt which can cause accelerated wear or failure.

## **WALLACE FORGE WARRANTY POLICY**

Wallace Forge Company warrants repair or replacement of any products of its manufacture, at its option. Upon delivery to its factory, within one year after date of sale by Wallace's customer, is proved to the satisfaction of Wallace Forge Co. defective at the time of said sales; provided that all products claimed defective are returned properly identified to Wallace Forge Company.

Not covered by this warranty are:

- 1.) Products which have been altered, changed, or repaired by someone other than the Wallace Forge Co.
- 2.) Defects, damages or deterioration due to normal use, exposure or wear and tear.
- 3.) Damages or defects due to misuse, alteration, negligence, or accident.

This warrant to repair or replace the defective products is the only warranty expressed, implied, or statutory, for these products manufactured by The Wallace Forge Company Inc. and the liability of Wallace Forge Company Inc. is hereby expressly limited to the repair or replacement of defective products. All other damages and warranties are hereby expressly waived by the purchaser.