Assembly, Installation, Operation and Maintenance Instructions
16K W & 26K W 5th Wheel Hitch Pivot Pin Replacement instructions.

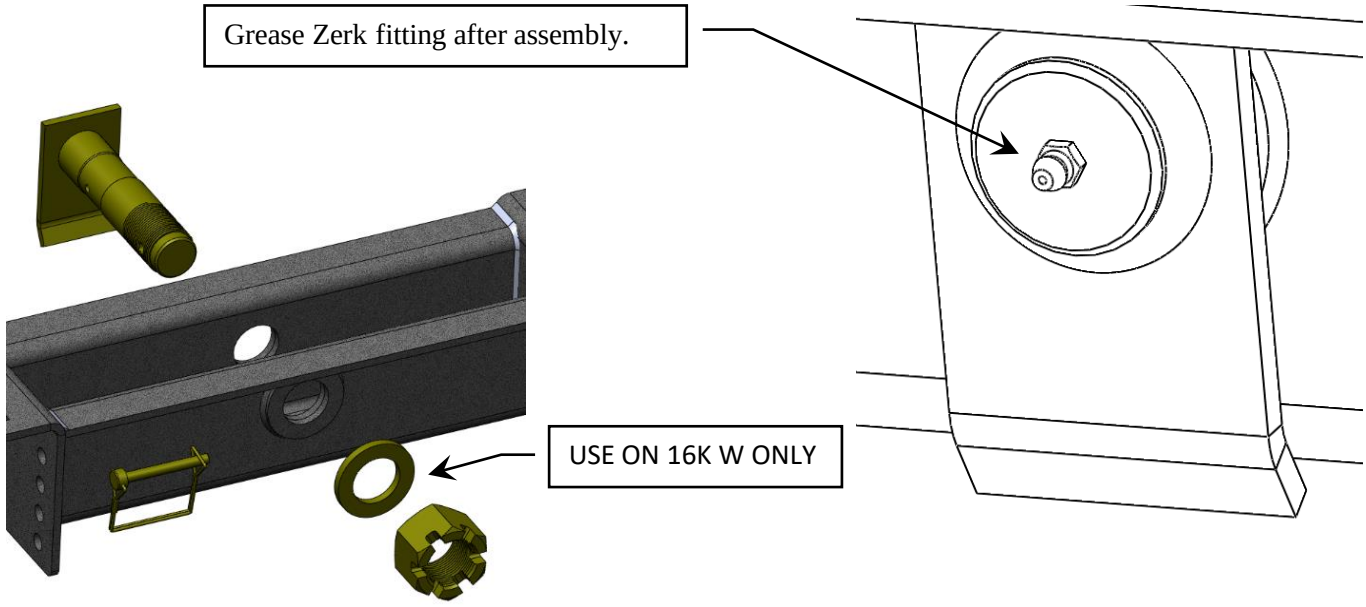
P/N: 31574

5-10 minutes

Dealer / Installer:	**Provide a copy of these instructions to the end user of this product. These instructions provide important operating and safety information for proper usage of this product. Demonstrate the proper use of the product with the end user. Have the end user demonstrate that they understand the proper use of the product.**
End User:	**Read and follow all instructions included in this manual. Ask your Dealer / Installer for assistance if you do not understand the proper use of the product. Never remove any decals from the product.**

DO NOT EXCEED Recommended towing limits. SEE VEHICLE'S OWNER'S MANUAL.

1. Remove current pivot pin components and leave hitch head inside of cross member.
2. Discard all current pivot pin components.
3. Install new pivot pin from forward side of cross member making sure the angled part of the plate is facing downward.
4. Install spacer washer (Only for 16K W).
5. Thread castle nut onto pivot pin and tighten until all the pivot pin is drawn into the cross member completely.
6. Determine if hole in threaded end of pivot pin aligns with one of the slots on the castle nut. If so, then insert safety pin and engage safety loop until it slips over the end of the safety pin. If the hole in the pivot pin does not line up with a slot in the castle nut, then either further tighten the nut or back it off to the closest slot in the nut and insert safety pin.



Tools Required:
2-1/4" wrench or socket

Use only the supplied bolts, nuts, and washers to install this kit. All nuts and bolts are Grade 5 unless otherwise specified.

TOWING TIPS

Driving Tow Vehicle

Good habits for normal driving need extra emphasis when towing a trailer. The additional weight of the trailer affects acceleration and braking. Extra time should be allowed for passing, stopping and changing lanes. Signal well in advance of a maneuver to let other drivers know your intentions. Severe bumps and badly undulating roads can damage your towing vehicle, hitch and trailer, and should be negotiated at a slow, steady speed. If any part of your towing system "bottoms out" or if you suspect damage may have occurred in any other way, pull over and make a thorough inspection. Correct any problems before resuming travel.

Turning and backing up present new problems-plan ahead. It is highly recommended that a spotter be used when backing up to alert the driver of possible obstacles and prevent jack knifing the trailer.

Towing a trailer will change your turning radius, the longer the trailer the larger radius turn.

Driving Conditions

When driving in conditions where the pavement is wet, icy, snowy, loose gravel, grass and dirt, reduce speed and do not make any sudden maneuvers. Allow ample distance/time for stopping and changing lanes. If possible, wait for road conditions to improve before driving.

Follow all state, local and provincial driving and towing laws in the location you are driving in.

Not following your tow vehicle, trailer, and Husky instructions/manuals can result in a fatal accident.

Check Your Equipment

Please refer to the MAINTENANCE section. Periodically check the condition of all your towing equipment and keep it in top condition.

Tire Inflation

Unless specified otherwise by the towing vehicle or trailer manufacturer, tires should be inflated to their manufacturer's towing recommendations.

Towing Vehicle and Trailer Manufacturers Recommendations

Review the owner's manual for your towing vehicle and trailer for specific recommendations, capacities and requirements.

Passengers in Trailers

Trailers should not be occupied while being towed. Most states enforce this regulation.

Trailer Lights, Turn Signals, Electric Brakes

Always hook up all of the trailer lights, electric brakes and break-away switch connection whenever trailer is being towed. Also periodically check functionality of all lights before towing and repair any problems as needed.

Trailer Loading

Proper trailer loading is very important. Heavy items should be placed close to the floor near the trailer axle centerline. The load should be balanced side to side and firmly secured in the trailer to prevent shifting.

Remove Hitch When Not Towing

Remove hitch from receiver on towing vehicle when not towing a trailer to reduce chances of striking hitch on driveway or other objects and reduce the chance of parts being stolen.

Maintenance (All products)

Keep hitch ball or gooseneck lubricated when used.

When not in use, remove ball mount, shank or gooseneck ball and store in clean, dry place.

Keep hitch ball, gooseneck, receiver and 5th wheel clean and lubricated.

Lubricate the bars and trunnion bar holes on a weight distribution hitch.

At The Beginning of Every Towing Day (All Products)

Clean hitch ball or gooseneck ball and coat lightly with grease.

Lubricate the top plate and moving parts of your 5th wheel hitch before coupling.

Check for worn or damaged parts. Check the torque of all hardware.

Check to see that all electrical hook-ups are in working order and that the safety chains are securely connected.

If electric brakes are used ensure the emergency break away cable is attached to the tow vehicle.

Towing safely is the responsibility of the driver of the vehicle. Failure to tow safely can result in vehicle damage, bodily injury or death.

Warranty Terms:

10 Year Limited Warranty:

This warranty applies solely to Husky 5TH Wheel Products manufactured by Keystone Automotive Operations Inc. for Husky Towing Products.

Husky Towing Products and Keystone Automotive Operations Inc. make no guarantees or warranties for products not manufactured by Keystone Automotive Operations Inc. Such products are covered solely under any applicable warranty of the manufacturer. It is always recommended that the operating instructions and warranty instructions provided by the manufacturer are followed.

Keystone Automotive Operations Inc. warrants its products to be free from manufacturing and material defects to the original purchaser for the length of warranty stated above from the date of retail purchase. If any products are found to have a manufacturing or material defect, the product will be replaced or repaired at the option of Husky Towing Products and Keystone Automotive Operations Inc. with proof of purchase by the original purchaser. The original purchaser shall pay all transportation and shipping costs associated with the return of the defective product and the defective product shall become the property of Keystone Automotive Operations Inc.

The Warranty applies to Keystone Automotive Operations Inc. products used for individual and recreational purposes. Commercial usage of the Keystone Automotive Operations Inc. products limits the warranty to 90-days from date of purchase.

The Warranty applies only to Keystone Automotive Operations Inc. products which are found to be defective in manufacturing or material. This warranty does not apply to normal wear and tear of the finish placed on Keystone Automotive Operations Inc. products.

Husky Towing Products and Keystone Automotive Operations Inc. are not responsible for any labor costs incurred for removal or replacement of the defective product.

Husky Towing Products and Keystone Automotive Operations Inc. are not responsible for repair or replacement of any product under the limited warranty where the product was improperly installed, misapplied, altered, abused, neglected, overloaded, misused or damaged as a result of an accident, including any use of the product not in accordance with all product operating and safety instructions.

Without limiting the generality of the foregoing, Husky Towing Products and Keystone Automotive Operations Inc. shall under no circumstances be liable for any incidental or consequential loss or damage whatsoever arising out of, or in any way relating to any such breach of warranty or claimed defect in, or non-performance of the products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

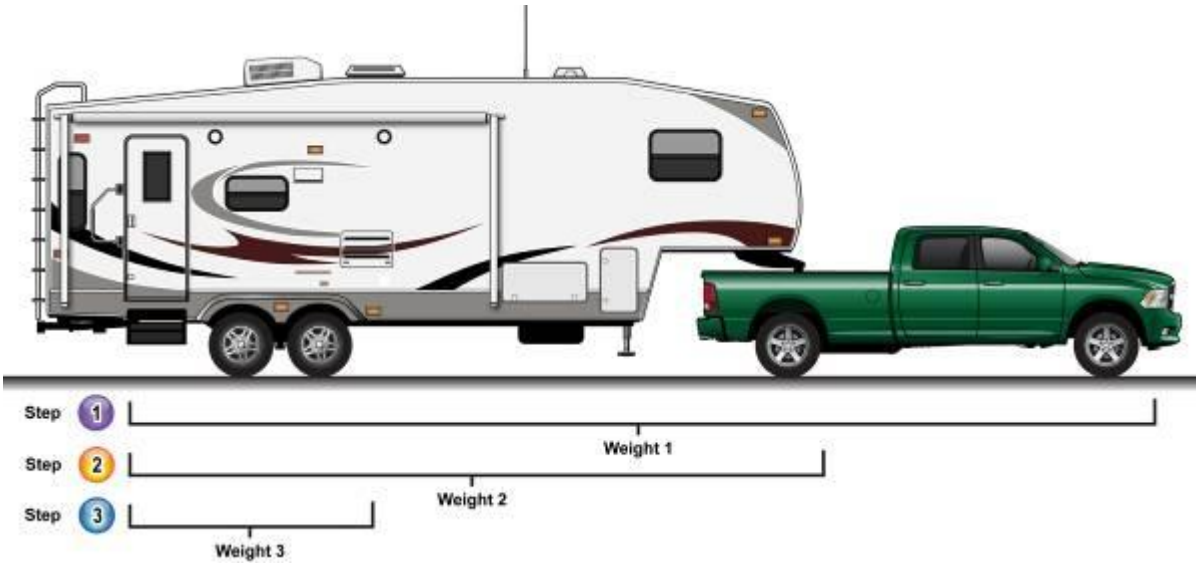
This limited warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

Appendix A

Weighing Truck and 5th Wheel Trailer.

Weigh the Truck and 5th Wheel on a public weigh scale. Public weigh scales can be found at Some Truck Stops, or they can be located from Yellow pages or on the Internet.

Weigh the Truck and 5th Wheel in 3 stages as shown in the sketch.



Step 1, Weigh the both the Truck and 5th Wheel. This is **weight 1;** this will give the **GCW** (**G**ross **C**ombination **W**eight) of the Truck and 5th Wheel Trailer. The **GCW** must not exceed the **GCWR** (**G**ross **C**ombination **W**eight **R**ating) for the Truck. The **GCWR** of a truck depends on engine size, transmission, rear axle ratio, tow package and other factors. The manufacturer or dealer will be able to find the **GCWR** from the **VIN** (Vehicle Identification Number) of the truck.

Step 2, Drive the front wheels of the truck off the weighing platform. Weigh the rear wheels of the truck and the 5th Wheel Trailer wheels. This is **weight 2,** Subtract **weight 2** from the **weight 1**; the result is the **GAW** (**G**ross **A**xle **W**eight) for the front axle of the truck. The **GAWR** (**G**ross **A**xle **W**eight **R**ating) for the front axle can be found on the **VIN** plate on the driver's side door pillar, the measured front **GAW** must not exceed the front **GAWR** on the **VIN** plate.

Step 3, Drive the rear wheels of the truck off the weighing platform; this should leave only 5th Wheel Axles remaining on the weighing platform. This is **weight 3**, Subtract **weight 3** from the **weight 1** and this is the **GVW** (**G**ross **V**ehicle **W**eight) of the truck. The measured **GVW** must not exceed the **GVWR** found on the **VIN** plate. Subtract **weight 3** from **weight 2** and this is the measured **GAW** of the rear axle of the truck, and must not exceed the **GAWR** of the rear axle found on the **VIN** plate. **Weight 3** is also the **GAW** of the 5th Wheel; this weight should not exceed the **GAWR** on the plate on the 5th Wheel.

Summarizing Weighing

GCW (Truck & 5th Wheel Trailer)	**=**	**weight 1**
GAW of front axle (Truck)	**=**	**weight 1 – weight 2**
GVW (Truck)	**=**	**weight 1 – weight 3**
GAW of rear axle (Truck)	**=**	**weight 2 – weight 3**
GAW of axles (5th Wheel Trailer)	**=**	**weight3**

WARNING!!! EXCEEDING ANY WEIGHT RATING IS HAZARDOUS. OVERLOADING OF TRUCK AND/OR 5th WHEEL TRAILER CAN LEAD TO TIRE FAILURE, BRAKE FADE AND OVERHEATING OF THE TRUCK ENGINE OR TRANSMISSION. OVERLOADED VEHICLES ARE MORE UNSTABLE AND UNPREDICTABLE EVEN IN NORMAL DRIVING CONDITIONS.