



Auto-Locking Dual-Purpose Pintle Hitch

7 Ton Capacity – 2 5/16" Ball Size

Owner's Manual



! WARNING: Read carefully and understand all ASSEMBLY AND OPERATION INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Item #53199

SAVE THESE INSTRUCTIONS

Thank you very much for choosing an Ultra-Tow XTP Series® product!

For future reference, please complete the owner's record below:

Serial Number/Lot Date Code: _____

Purchase Date: _____

Save the receipt, warranty, and this manual. It is important that you read the entire manual to become familiar with this product before you begin using it.

This pintle hitch is designed for certain applications only. Northern Tool & Equipment is not responsible for issues arising from modification or improper use of this product such as an application for which it was not designed. We strongly recommend that this product not be modified and/or used for any application other than that for which it was designed.

For technical questions, please call **1-800-222-5381**.

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Intended Use

This 7 ton capacity Auto-Locking Dual-Purpose Pintle Hitch features a single-piece, cast ductile iron with an upper steel lock that is designed with an integral shank to fit directly into a 2" receiver hitch. No adapter is needed. The hitch can be used with a ball coupler or tow ring with a 2" to 3" I.D. drawbar eye ring with a 1-1/4" to 1-5/8" diameter cross section.

Technical Specifications

Property	Specification
Max. Gross Trailer Weight (Pintle)	7 ton (14,000 lbs.)
Max. Vertical Load	1.4 ton (2,800 lbs.)
Product Weight	14 lbs.
Total Length	14.9 in.
Material	Ductile Iron
Fits Receivers	2 in.
Max. Gross Trailer Weight (Hitch Ball)	14,000 lbs.
Fits Ball Size	2 ^{5/16} "

Important Safety Information

WARNING

- Read and understand all instructions. Failure to follow all instructions may result in serious injury or property damage.
- The warnings, cautions, and instructions in this manual cannot cover all possible conditions or situations that could occur. Exercise common sense and caution when using this hitch. Always be aware of the environment and ensure that the tool is used in a safe and responsible manner.
- Do not allow persons to operate or assemble the hitch until they have read this manual and have developed a thorough understanding of how it works.
- Do not modify this hitch in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the product. There are specific applications for which the product was designed.
- Use the right tool for the job. DO NOT attempt to force small equipment to do the work of larger industrial equipment. There are certain applications for which this equipment was designed. This product will be safer and do a better job at the capacity for which it was intended. DO NOT use this equipment for a purpose for which it was not intended.
- Industrial or commercial applications must follow OSHA requirements.

WARNING

- This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

⚠WARNING

WORK AREA SAFETY

- Inspect the work area before each use. Keep work area clean, dry, free of clutter, and well-lit. Cluttered, wet, or dark work areas can result in injury. Using the hitch in confined work areas may put you dangerously close to cutting tools and rotating parts.
- Keep children and bystanders away from the work area while operating the hitch. Do not allow children to handle the product.

⚠WARNING

PERSONAL SAFETY

- Stay alert, watch what you are doing, and use common sense when operating the hitch. Do not use the tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the tool may result in serious personal injury.
- Dress properly. Do not wear loose clothing, dangling objects, or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts. Air vents on the tool often cover moving parts and should be avoided.
- Wear the proper personal protective equipment when necessary. Use ANSI Z87.1 compliant safety goggles (not safety glasses) with side shields, or when needed, a face shield. Use a dust mask in dusty work conditions. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate. This applies to all persons in the work area.
- Do not overreach. Keep proper footing and balance at all times.

⚠CAUTION

HITCH USE AND CARE

- Do not force the hitch. Products are safer and do a better job when used in the manner for which they are designed. Plan your work, and use the correct product for the job.
- Check for damaged parts before each use. Carefully check that the product will operate properly and perform its intended function. Replace damaged or worn parts immediately. Never operate the product with a damaged part.
- Do not use a product with a malfunctioning switch. Any power tool that cannot be controlled with the power switch is dangerous and must be repaired by an authorized service representative before using.
- Disconnect the power/air supply from the product and place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- Store the product when it is not in use. Store it in a dry, secure place out of the reach of children. Inspect the tool for good working condition prior to storage and before re-use.
- Use only accessories that are recommended by the manufacturer for use with your product. Accessories that may be suitable for one product may create a risk of injury when used with

another tool. Never use an accessory that has a lower operating speed or operating pressure than the tool itself.

Specific Operation Warnings

⚠WARNING

- To prevent serious injury or property damage, read and understand the owner's manual.
- Do not exceed lowest rated load capacity in hitch system.
- Maintain an adequate vertical down (tongue) load to maintain control of the trailer (generally 10%) without exceeding the specified rated capacities.
- Other steps and inspections are also required. Consult OSHA, D.O.T. regulations, and the American Trucking Association for complete coupling and uncoupling procedures.
- Keep safety chains in place and in working order. Never operate the product without the safety chains attached to vehicle.

Towing

⚠WARNING

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

Mounting

1. Use a secure mounting structure of sufficient strength to support the rated capacity of the hitch in accordance with SAE J 849B.
2. The hitch receiver on the vehicle needs to have a 2" square tubing inside.
3. Insert the assembly into the receiver of the vehicle. Then, insert a 5/8" diameter bolt or pin through the cross hole in receiver using a lock nut or locking pin to secure the bolt or hitch pin (not included), as indicated below.



Before Each Use

1. Inspect the unit for proper operation.
2. Inspect, in particular, the coupling area. Replace when the wear exceeds 1/8" (.125") from the original surface profile.
3. Inspect for worn, damaged and missing parts. Replace as required.

Operating Instructions

⚠ WARNING

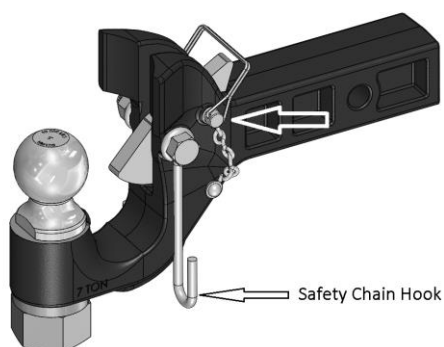
It is the user's responsibility to be sure the receiver is capable of 2,800 lbs. vertical load and 14,000 lbs. gross trailer weight.

Connecting to Hitch Ring

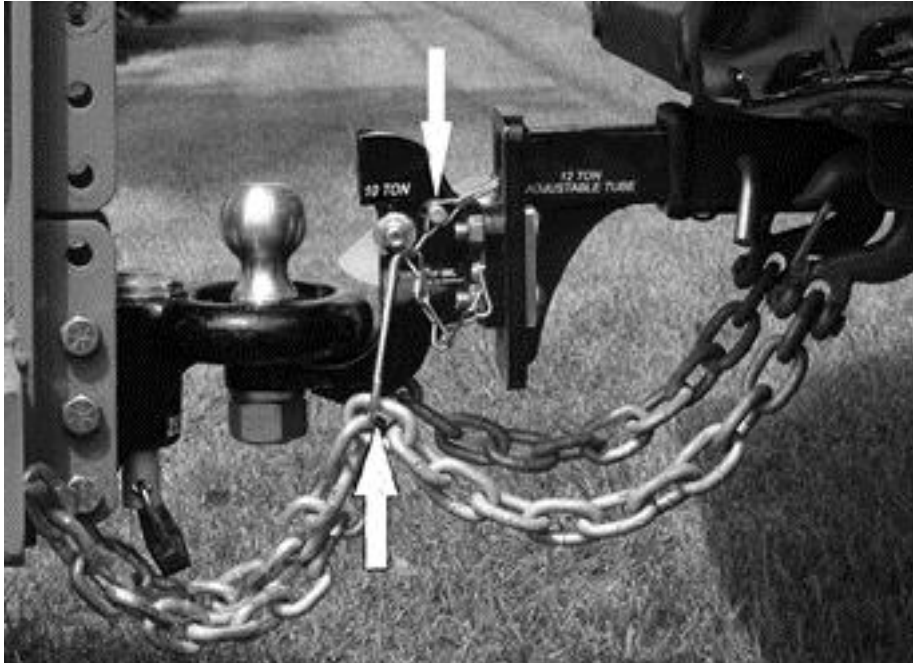
Hitching Up

Make sure all bystanders are in sight before backing up the vehicle to hook up.

1. Before operating, inspect for proper operation, worn, damaged or missing parts, and secure mounting. Correct as required before use.



2. Unlock by removing the safety pin.
3. Back the vehicle up until the pintle cup captures the hitch ring.
4. Lower the hitch ring into place.
5. To lock, insert the safety pin.
6. Slide the safety chain onto the chain hooks after the safety chain is hooked to the vehicle.



Un-Hitching

1. Unlock by removing the safety pin.
2. Unhook the safety chain.
3. Flip the locking plate forward until it touches the hitch ball.
4. Jack up the trailer hitch until it clears the hitch ball and resets for the next hook-up.

Connecting to Ball Coupler

Make sure all bystanders are in sight before backing up the vehicle to hook-up.

Hitching Up

1. Before operating, inspect for proper operation, worn, damaged, or missing parts, and secure mounting. Correct as required before use
2. Back the vehicle up until the hitch ball is located under ball hitch, then lower into place.
3. To lock, insert the safety pin in the ball coupler.
4. Slide the safety chain onto the chain hooks after the safety chain is hooked to vehicle.



Un-Hitching

1. Remove the safety pin from the ball coupler.
2. Unhook the safety chain.
3. Unlock the ball coupler.
4. Jack up the trailer hitch until it clears the ball.

Maintenance

For proper performance, the following should be performed every 10,000 miles or 6 months, whichever comes first.

Maintain the product by adopting a program of conscientious repair and maintenance in accordance with the following recommended procedures. It is recommended that the general condition of any tool be examined before it is used. Keep your tool in good repair. Keep all cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control. Keep handles dry, clean, and free from oil and grease. The following chart is based on a normal operation schedule.

Maintenance Interval	Maintenance Point
The following should be performed every 10,000 miles or 6 months:	1. Inspect for proper operation. 2. Inspect, in particular, the coupling area. Replace when the wear exceeds 1/8" from the original surface profile. 3. Inspect for worn, damaged, and missing parts. Replace as required. 4. Always use a safety clip. 5. Check the ball's torque specification after the first 200 miles of towing and every 400 miles after that.

Parts Diagram

HIT-N-HITCH
PINTLE

- 2,800 lbs. (1,270 kg) Max. Vertical Load.
- 14,000 lbs. (6,380 kg) Max. Gross Trailer Weight.
- Ductile Iron Cast body is for wearability and durable.
- The hook is designed for maximum articulation and reduced wear.
- Supplied with a tethered lock pin.

All dimensions shown are nominal

2.0"

8.94"

2.5"

2.0"

8.0"

Ø 1.68"

- Ductile Iron
- Painted Black

ITEM NO.	PART OR IDENTIFYING NO.	NAME	DATE	DESCRIPTION	MATERIAL SPECIFICATION	QTY REQD
11	HM91	1/4" SAFETY CHAIN HOOK		STEEL	2	
10	HM59	3/16" ID SAE STD WASHER		STEEL	1	
9	HM58	1/4" DIA x 2 1/4" LG SAFETY CLIP		STEEL	1	
8	HM105A	2 5/16" HITCH BALL ASSY - PLATED		STEEL	1	
7	HM56	1/4" PUSH NUT			1	
6	HM55	SAFETY CHAIN - SINGLE JACK			1	
5	HM54	3/16" DIA. ALUMINUM RIVET			1	
4	HM53	1/2"-13 UNC STEEL LOCKNUT		STEEL	1	
3	HM140	1/2"-13 x 3" CAP SCREW		STEEL	1	
2	HM93	LOCKING PLATE - PLATED		STEEL	1	
1	PCH7T	BASE COMBO HITCH		D80	1	

POWER PIN INC.

DESCRIPTION:
HIT-N-HITCH PINTLE
"COMBO HITCH"
7 TON ASSEMBLY - 2 5/16" BALL

PART NO. PCH7T16A REV 1

www.powerpin.ca

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Parts List

Reference	Part Number	Item Description	Quantity	Remark
1	PCH7T	Base Combo Hitch	1	
2	HM93	Locking Plate	1	
3	HM140	1/2"-13UNC x 3" Cap Screw	1	
4	HM53	1/2"-13UNC Steel Lock Nut	1	
5	HM54	5/16" Dia. Alum Rivet	1	
6	HM55	Safety Chain	1	
7	HM56	Push Nut	1	
8	HM105A	2 5/16" Hitch Ball Assembly	1	
9	HM58	1/4" Dia x 2 1/4" Lg. Safety Clip	1	
10	HM59	3/16" SAE Std Washer	1	
11	HM91	Safety Chain Hook	1	

Replacement Parts

- For replacement parts and technical questions, please call Customer Service at **1-800-222-5381**.
- Not all product components are available for replacement. The illustrations provided are a convenient reference to the location and position of parts in the assembly sequence.
- When ordering parts, the following information will be required: item description, item model number, item serial number/item lot date code, and the replacement part reference number.
- The distributor reserves the rights to make design changes and improvements to product lines and manuals without notice.

Limited Warranty

Northern Tool and Equipment Company, Inc. ("We" or "Us") warrants to the original purchaser only ("You" or "Your") that the Ultra-Tow XTP Series product purchased will be free from material defects in both materials and workmanship, normal wear and tear excepted, for a period of **one year** from date of purchase. The foregoing warranty is valid only if the installation and use of the product is strictly in accordance with product instructions. There are no other warranties, express or implied, including the warranty of merchantability or fitness for a particular purpose. If the product does not comply with this limited warranty, Your sole and exclusive remedy is that We will, at our sole option and within a commercially reasonable time, either replace the product or product component without charge to You or refund the purchase price (less shipping). This limited warranty is not transferable.

Limitations on the Warranty

This limited warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation; (d) improper maintenance and repair; and (e) product alteration in any manner by anyone other than Us, with the sole exception of alterations made pursuant to product instructions and in a workmanlike manner.

Obligations of Purchaser

You must retain Your product purchase receipt to verify date of purchase and that You are the original purchaser. To make a warranty claim, contact Us at 1-800-222-5381, identify the product by make and model number, and follow the claim instructions that will be provided. The product and the purchase receipt must be provided to Us in order to process Your warranty claim. Any returned product that is replaced or refunded by Us becomes our property. You will be responsible for return shipping costs or costs related to Your return visit to a retail store.

Remedy Limits

Product replacement or a refund of the purchase price is Your sole remedy under this limited warranty or any other warranty related to the product. We shall not be liable for: service or labor charges or damage to Your property incurred in removing or replacing the product; any damages, including, without limitation, damages to tangible personal property or personal injury, related to Your improper use, installation, or maintenance of the product or product component; or any indirect, incidental or consequential damages of any kind for any reason.

Assumption of Risk

You acknowledge and agree that any use of the product for any purpose other than the specified use(s) stated in the product instructions is at Your own risk.

Governing Law

This limited warranty gives You specific legal rights, and You also may have other rights which vary from state to state. Some states do not allow limitations or exclusions on implied warranties or incidental or consequential damages, so the above limitations may not apply to You. This limited warranty is governed by the laws of the State of Minnesota, without regard to rules pertaining to conflicts of law. The state courts located in Dakota County, Minnesota shall have exclusive jurisdiction for any disputes relating to this warranty.



Distributed by:

Northern Tool & Equipment Company, Inc.

Burnsville, Minnesota 55306

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