

# ATV WAGON

BY BOSSKI

*High Performance ATV Trailers*



## **800 UT-X** OWNERS MANUAL & ASSEMBLY INSTRUCTIONS

### **CAUTION:**

Read Rules for Safe  
Operation and Assembly  
Instructions Carefully



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# Safety Rules

Remember, any piece of equipment like an ATV trailer can cause injury if operated improperly or if the user does not understand how to operate the equipment. Exercise caution at all times when using your tow vehicle and tow trailer.



**LOOK FOR THIS SYMBOL TO POINT OUT IMPORTANT SAFETY PRECAUTIONS. IT MEANS -- ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED.**

## **Please exercise caution at ALL times when using the trailer on your tow vehicle:**

- Read this owners manual before attempting to assemble or operate trailer.
- Read the tow vehicle's owners manual and know how to operate your tow vehicle before using the trailer.
- Do not transport people on or inside the trailer. The transport of people puts their lives at risk and may be illegal as the trailer has not been designed to carry passengers.
- Do not allow adults to operate tow vehicles or trailers without proper instructions and experience.
- Never allow children to operate the tow vehicle or the trailer.
- Recommended tow vehicle engine size is 350 cc or larger with four-wheel drive in order to allow safe operation when towing the trailer.
- Use caution when towing the trailer over rough terrain and hillsides to prevent rolling over and loss of control. Be careful towing the trailer in icy, wet, or snowy conditions which could impair the braking ability of the trailer and the tow vehicle.
- Tow Vehicle braking and stability may be affected when towing this trailer.
- Using the trailer with a heavy load may inhibit the towing capacity of the tow vehicle. Do not exceed the maximum towing capacity of your vehicle. Check the vehicle's owners manual on tow capacity limitations.
- Before operating vehicle on any sloped surface or hill, refer to the safety rules in the vehicles owners manual on proper operation on slopes. Use extreme caution on steep slopes.
- Do not tow trailer on highways or on public thoroughfares. The trailer is designed for off road use only.



**CAUTION: VEHICLE BRAKING AND STABILITY MAY BE AFFECTED WITH THE ADDITION OF THIS TRAILER. BE AWARE OF CHANGING CONDITIONS ON SLOPES AT ALL TIMES.**



**CAUTION: AN IMPROPERLY COUPLED TRAILER CAN RESULT IN DEATH OR SERIOUS INJURY. TIGHTEN THE COUPLER ADJUSTMENT REGULARLY.**

## **WARNING**

Driving too fast for conditions can result in loss of control and cause death or serious injury.

- Decrease your speed as road, weather and lighting conditions deteriorate.

## **WARNING**

Improper tire pressure can result in a blowout and loss of control, which can lead to death or serious injury.

- Be sure tires are inflated to pressure indicated on sidewall before towing trailer.

## **WARNING**

An improperly coupled trailer can result in death or serious injury.

Do not tow the trailer until:

- The coupler is secured and locked to hitch;
- **The coupler is adjusted properly to fit the towing vehicle ball**
- Tires and wheels are checked;
- The trailer brakes (if applicable) are checked;
- The load is secured to the trailer; and
- The trailer lights are connected and checked

## **WARNING**

Lug nuts are prone to loosen after initial installation, and if improperly tightened can lead to death or serious injury.

- Check lug nuts for tightness on a new trailer or when wheel(s) have been remounted after the first 10, 25 and 50 miles of use. Tighten lug nuts before each use.

## **WARNING**

An overloaded trailer or improper distribution of load weight or shifting cargo can result in loss of control of the trailer, leading to death or serious injury.

- Do not exceed the trailer Gross Vehicle Weight Rating (GVWR).
- Tie down all loads with proper sized fasteners, ropes, straps, etc.

Be sure to:

- Distribute the load front-to-rear and provide proper tongue weight;
- Distribute the load evenly, right and left, to avoid tire overload; and
- Keep the center of gravity low.

## **WARNING**

Improper electrical connection between the tow vehicle and the trailer will result in inoperable lights and electric brakes, and can lead to collision.

Before each use:

- Check tail/brake light functions properly
- Check electric brakes (if applicable) function properly by operating the brake controller on the tow vehicle.

### **LIMITED WARRANTY TO CONSUMERS**

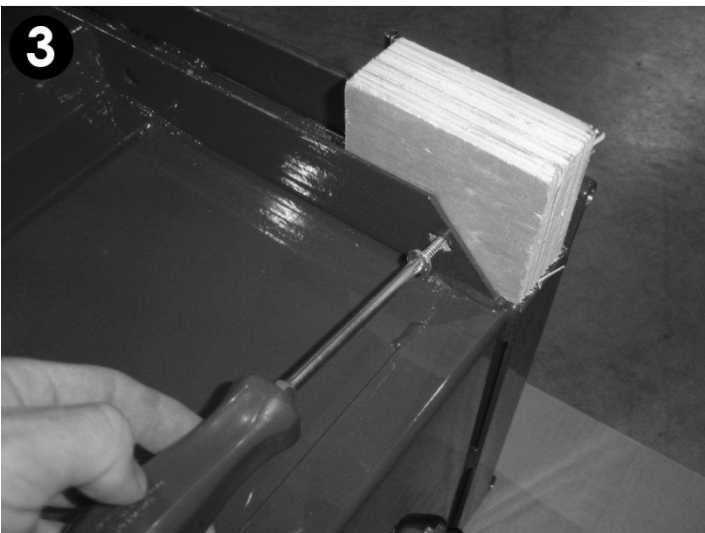
Bosski warrants the goods to be new and free from material defect for one (1) year from the date of Bosski's delivery of the goods to Buyer. This warranty will be satisfied by Bosski's repairing the goods or furnishing replacement goods or parts, at its option. To take advantage of this warranty, Buyer must immediately notify Bosski of the claimed defect. Bosski shall have no obligation under this warranty for (a) goods which have been repaired or altered by any party other than Bosski, and or (b) defects which result from misuse, accident, or improper connection of the goods to a tow vehicle, and or (c) commercial use of the product. **THIS IS BUYER'S EXCLUSIVE REMEDY UNDER WARRANTY. BOSSKI DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND AGAINST INFRINGEMENT. THIS WARRANTY IS NOT TRANSFERABLE.**

## Assembly instructions for 800 UT-X knock down

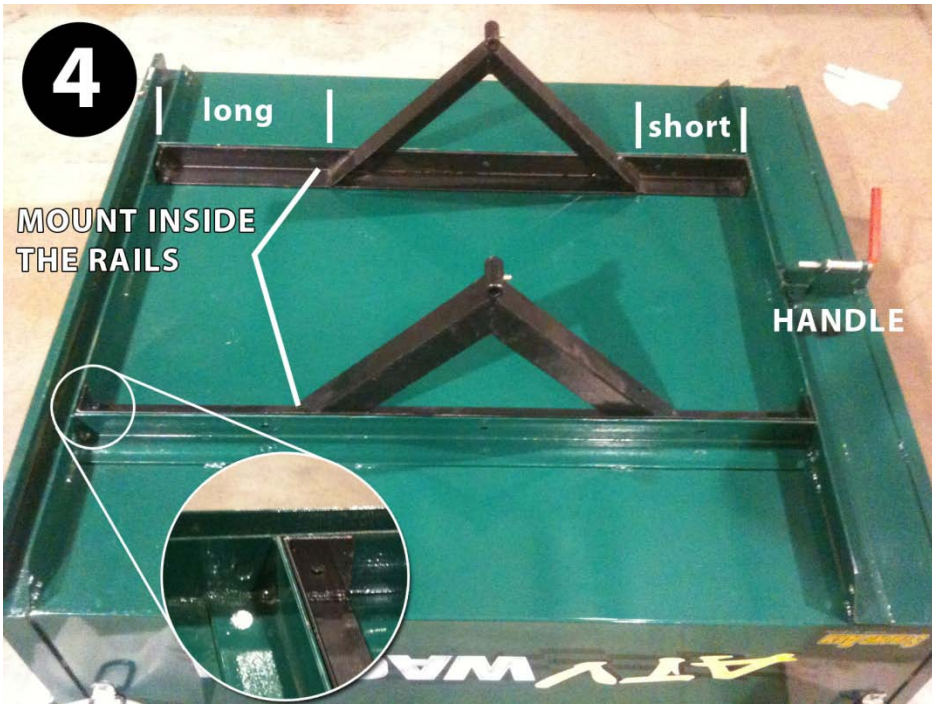


1. Unpack parts from inside trailer bed, saving the cardboard lid to be used in **Step 18**.

2. With the help of 2 people, turn trailer bed upside down for assembly. Use cardboard from packaging to protect bed rails- be careful not to damage tailgate pins or D-rings.

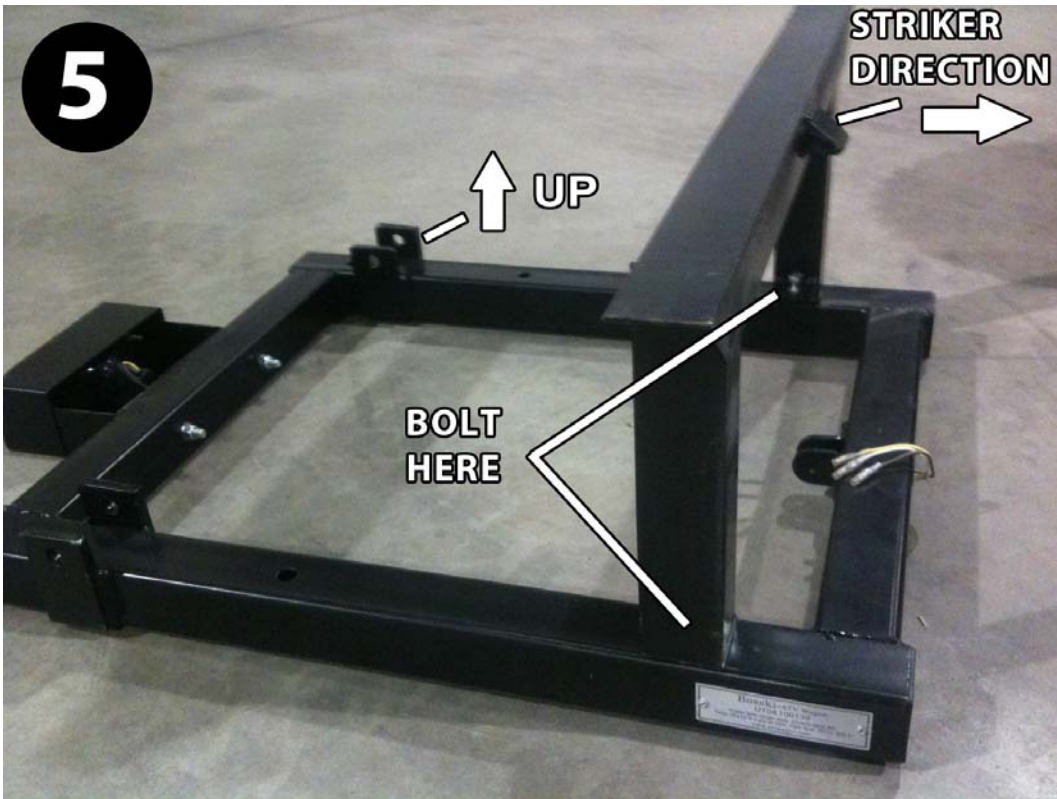


3. Remove the 4 wooden blocks used for shipping and discard/recycle as shown in the photo left.



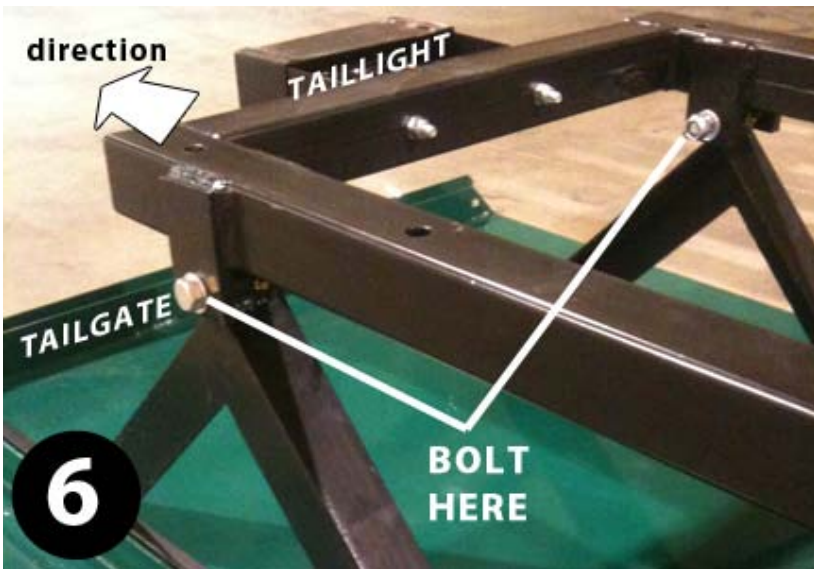
4. Mount subframe struts with shortest section of struts closest to the handle, photo left. Each strut is either *Right* or *Left*. Place each strut on the inside portion, flush with the bed, use bolts from package labeled AX.

**Leave bolts loose-** do NOT tighten until Step 8.

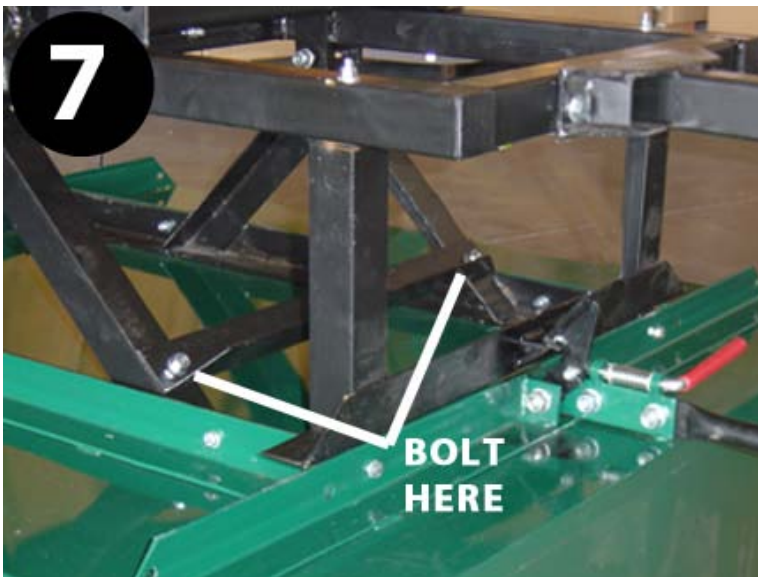


5. Install bed rest to rectangular frame as shown in the photo above with the Striker pointing forward, use bolts from package labeled B. Notice the direction of the pivot point near the taillight points up in the same direction as the mounted bed rest.

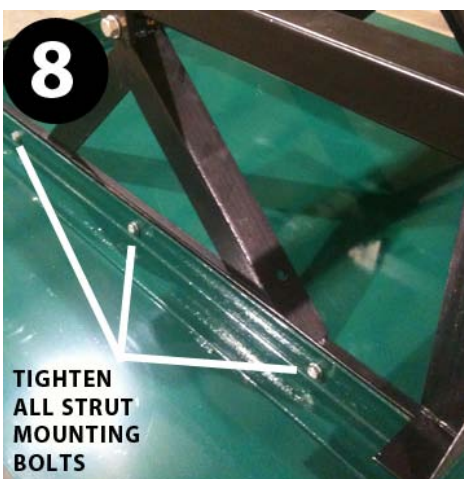
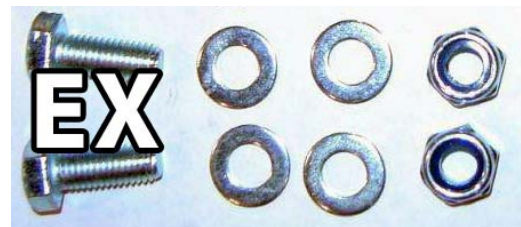
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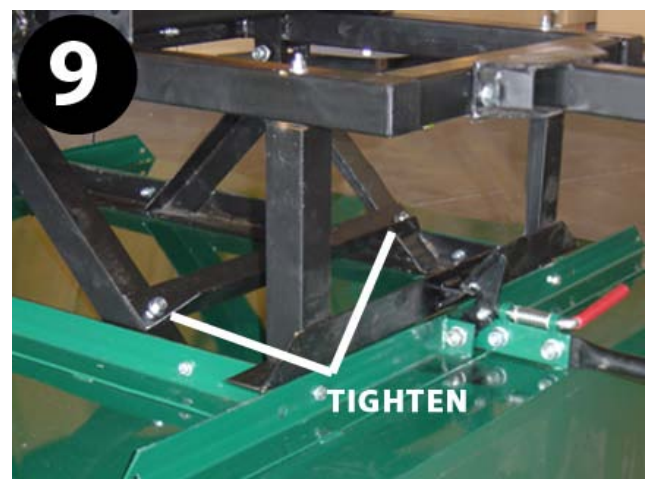
6. Take assembly portion from **STEP 5** and install to struts as shown in photo above, with the taillight pointing toward the tailgate. Use pivot bolts from package labeled D.



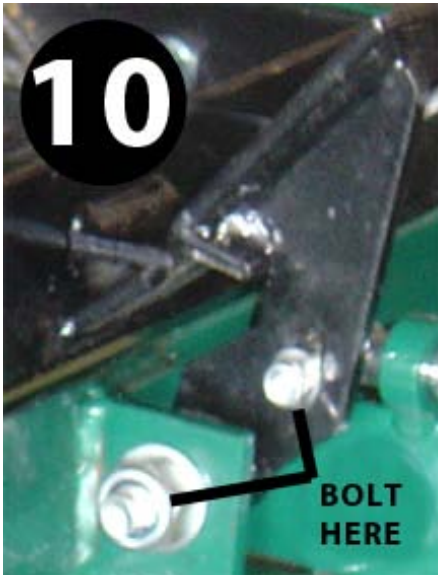
7. Install cross bar to the struts with direction of 'angle iron' on the bottom as shown, use bolts from package labeled EX. **Leave bolts loose-** do NOT tighten until Step 8.



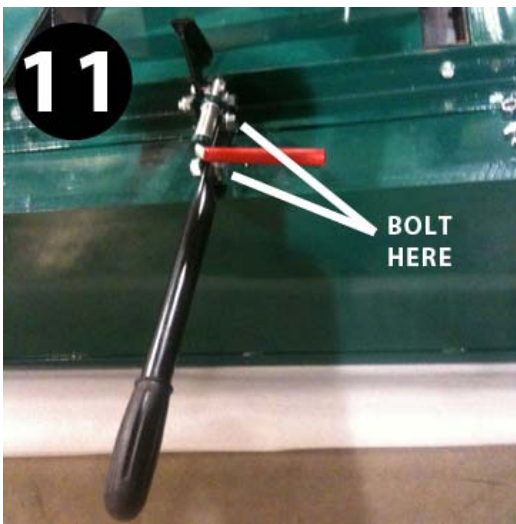
8. Tighten bolts that join bed and sub frame struts from Step 4.



9. Tighten bolts on cross bar from Step 7.



10. Install slam latch hook by aligning the angle of latch to the striker on the bed rest. See pictures above for proper hardware order. Tighten small bolt from hook to spring loaded pin only tight enough so hook and pin still move freely. Use hardware labeled I.

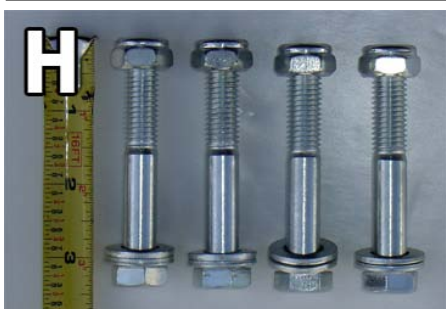


11. Install handle to the bed as shown in the photo left. Use hardware labeled J.



12. Mount idler axle to the frame with the swing arm pointing to the rear or taillight, use bolts from package labeled H.

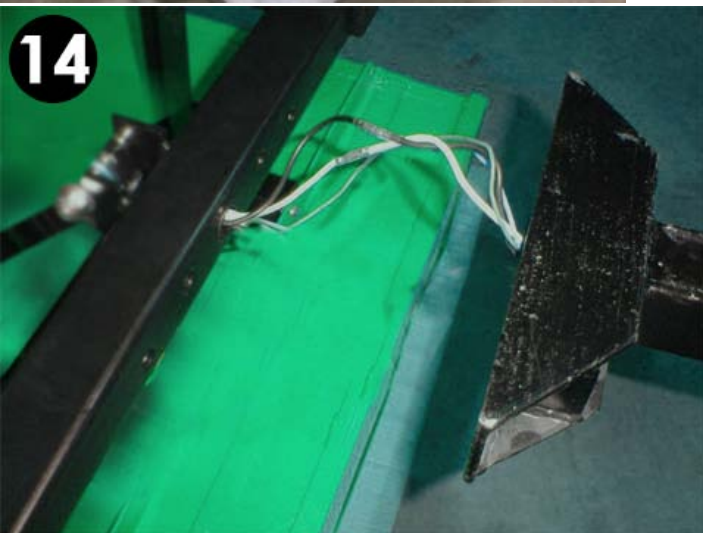
*Note: There are 2 packages of bolts labeled H which are used in steps 12 and 15.*





13. Mount each wheel/tire assembly to the hubs with the 4 tapered lug nuts. Install with the valve stems facing away from the frame. Tighten the nuts gradually, alternating between nuts opposite each other to assure even seating of the wheel onto the axle.

Inflate tire to recommended pressure on sidewall of tire (3-5 P.S.I.)



14. On the tongue assembly, connect the male electrical connectors to the female electrical connectors, ensuring that the colors of the wires match. BE CAREFUL NOT TO DAMAGE WIRES.



15. Install the tongue assembly to the frame. Tighten to 50-71 ft-lbs (68-96nm). Be sure the wires do not become pinched between the frame and the tongue. Use bolts from package labeled H.



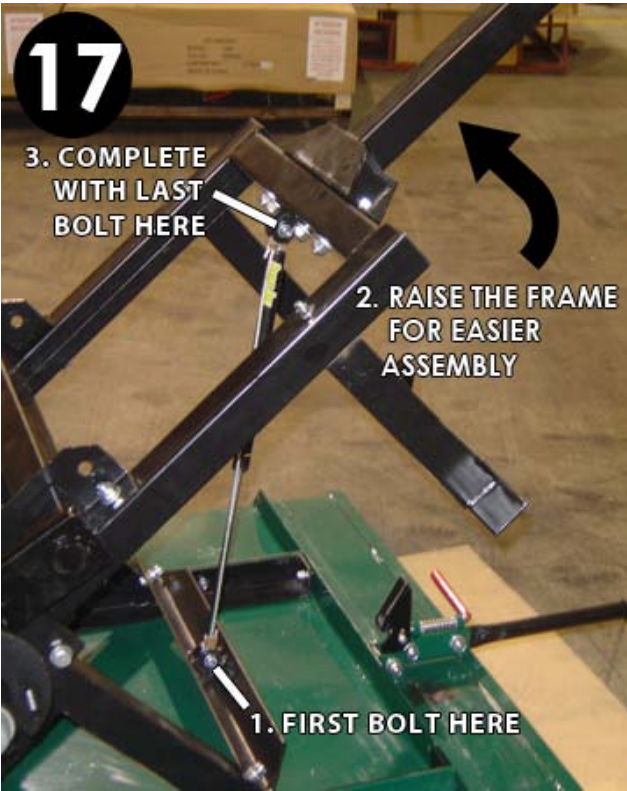
## TECH GUY TIP

TO BULLET PROOF YOUR TRAILER WIRING, WRAP THE CONNECTIONS WITH BLACK ELECTRICAL TAPE AND OR ZIP-TIE A LOOP TO PREVENT THE WIRES FROM UNPLUGGING.

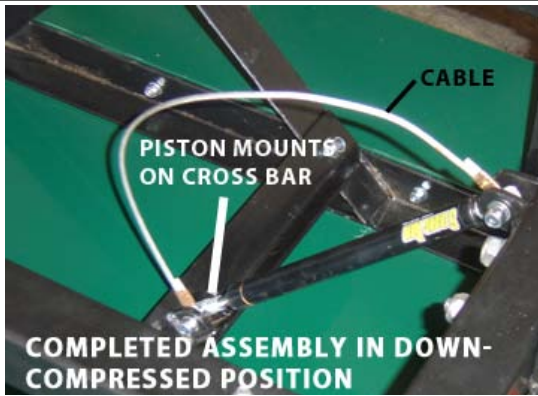


16. Place tongue wires in hook on coupler.





17. First bolt the piston of the gas shock and cable to the cross bar as shown in the photo left. Next raise the frame to position the mounting point for easier assembly. Finally bolt the other end of the gas shock to the frame including the other end of the cable. See photos for assistance. Use hardware labeled K.



18. Use cardboard and position as shown above to protect sides and wheels.



19. With the help of 2 people, carefully turn trailer over onto tires. Be careful not to damage tailgate pins or D-rings.

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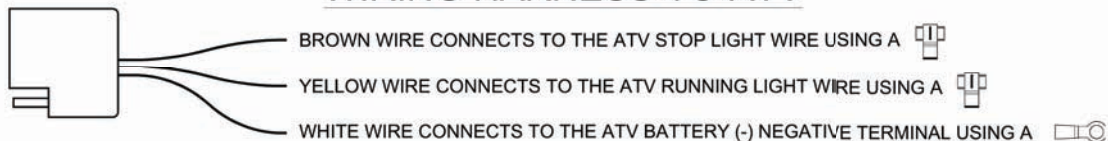
## ATV WIRING INSTALLATION

The ATV wiring harness has a 4-pole connector at one end and bare end wires at the other end. This harness connects to the ATV's taillight and battery. Splice these wires, using the supplied connectors, into the appropriate ATV wires, as shown below. For additional assistance, please refer to your ATV owner's manual or ATV wiring schematic. Seal all splices to insure that water does not corrode or short the electrical wiring.

Next route the connector-end of the wire to the rear of the ATV. Be sure to leave enough extra wire to accommodate the turning requirements when pulling your ATV Wagon.

When you are ready to use the ATV Wagon trailer, plug the connector end into the 4-pole connector at the trailer coupler.

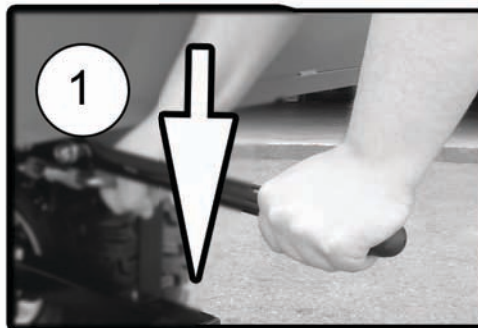
### WIRING HARNESS-TO-ATV



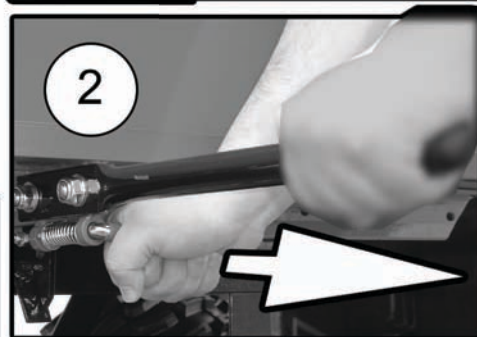
Note: Some models may contain a 4-pole connector with an extra black wire. Please ignore the Black wire.

### OPERATING THE STRONG ARM DUMP SYSTEM

1. Grasp handle firmly and press down

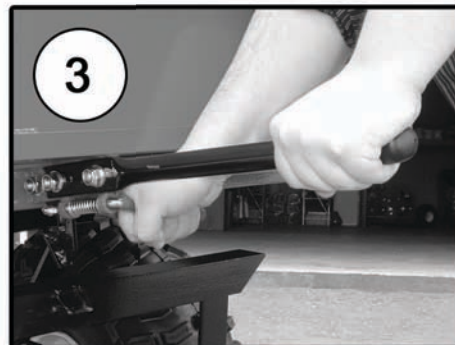


2. With second hand, pull dump bed latch pin towards you



**WARNING:** THE TRAILER BED IS UNDER PRESSURE. WHEN YOU PULL THE BED LATCH PIN, THE BED WILL AUTOMATICALLY DUMP. USE EXTREME CAUTION OR AN INJURY COULD OCCUR.

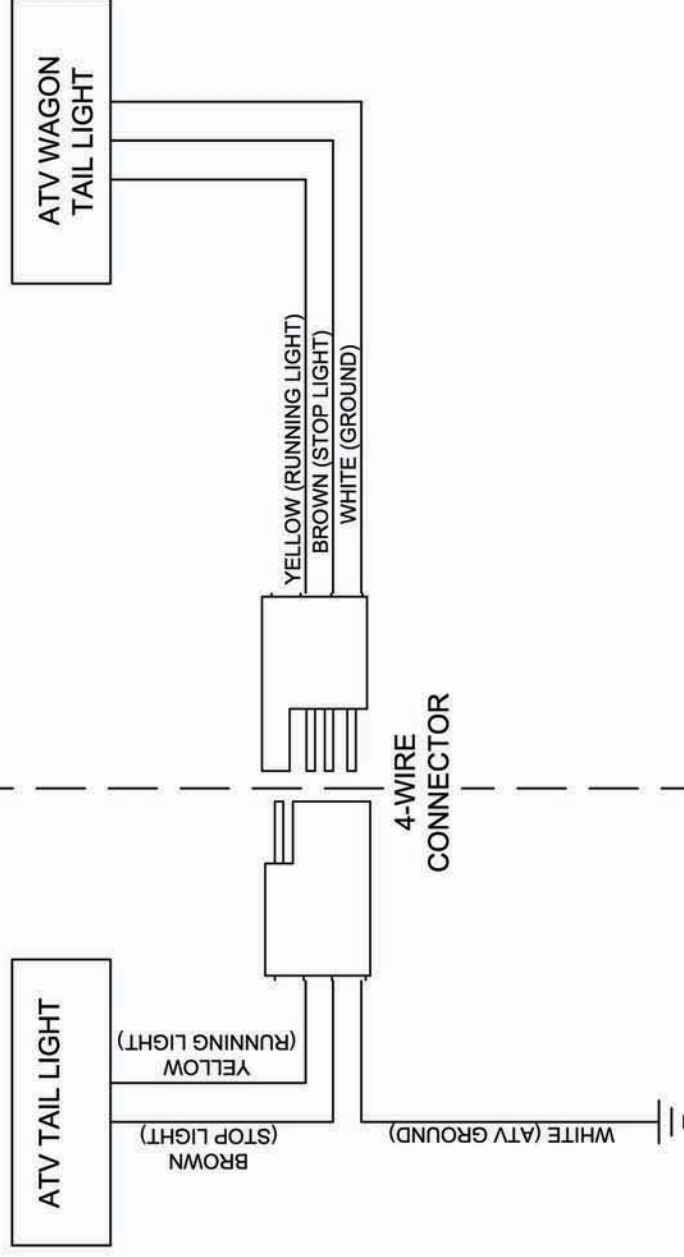
3. Control the dump motion using the arm used in step 1



# WIRING SCHEMATIC FOR 800 UT-X

ATV SIDE

ATV WAGON SIDE





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