

## Available Accessories

### ReadyStop Break-Away System

Safety device applies towed vehicle brakes if it ever break's away from motorhome. Required in some States and Provinces. # RS-5000



### Vacuum Pump

This can assist the Ready Brake by pumping up the brake cylinder in your towed vehicle while its being towed.



### Drops, Risers or Extensions

2" drop # H-702    4" drop # H-704  
6" drop #H-706    8" drop # H-708  
10" drop #H-710    Extension # H-1800



### In Dash Light Monitor

Lets you know when the ReadyBrake actuator arm moves by LED light mounted in dash of motorhome. # DL-300



### Brake Circuit Disconnect

Eliminate Double feed to towed vehicle's brake lights. #BCD-110



### De Fuser

Stop Pulling fuses. Install the De-Fuser then just flip a switch.



## Atlas Tow Bar Installation Instructions



N. S. A. RV Products Inc.  
Iola, KS 66749  
620-365-7714



### Limited Lifetime Guarantee

N.S.A. RV Products Inc. warrants to the original owner only that this product will be free from defects in material and workmanship upon original purchase. The lifetime Guarantee on the Ready Brute Tow Bar unit covers the Ready Brute from front to back 100% replacement to the original owner only. The lifetime Guarantee does not cover the safety cables or damage resulting from tamper, abuse, unreasonable use, mistreatment, negligence or accidental breakage.

**IN NO EVENT WILL NSA RV PRODUCTS, INC. BE LIABLE FOR ANY SPECIAL INCIDENTAL OR CONSEQUENTIAL DAMAGE RESULTING DIRECTLY FROM POSSESSION, MISUSE OR IMPROPER CARE OF THE READY BRUTE TOW BAR BY THE CONSUMER.**

### RETURNS

Anyone wishing to return merchandise must obtain authorization to do so. The date of purchase must be given and the merchandise must be returned with freight being prepaid.

- 1) 30 day money back guarantee starts on purchase date.
- 2) Please call to obtain return authorization.
- 3) When the item is received our QC department will inspect it then a refund amount will be determined and issued.
- 4) Shipping charges are non-refundable and we do not pay for return shipping.

N.S.A. RV Products Inc., 445 W. Lincoln Rd.,  
Iola KS. 66749 620-365-7714



## Stowing - Towing

**Towing:** You will see below Fig. A. Notice where the 3/8" red handled pin is in hole #1 this is the hole for towing.

**Stowing:** To Stow the Atlas / Hercules tow bar tilt the legs up until the 3/8" hole #2 aligned with the adjoining hold. Then push the red handled 3/8" pin through to hold the tow bar in stow position.



**IMPORTANT: DO NOT TOW IF TOW BAR IS OVER 2 INCHES OFF LEVEL IN EITHER DIRECTION. IF THE TOW BAR IS MORE THAN 2 INCHES OFF LEVEL WE SUGGEST USING A DROP / OR RISER TO BRING IT TO LEVEL. MEASURE THIS WHILE ON LEVEL GROUND.**

## Getting Started

To ensure that you get optimum results from your Atlas tow bar, please read through the instructions.

### NOTE:

**A baseplate needs to be installed on your towed vehicle prior to installing the Atlas. Baseplates are not included with the purchase of a Atlas tow bar.**

**The Atlas Tow bar is rated for up to 12,000 pounds towing capacity. Be sure that the towed vehicle mounting bracket, safety chains and hitch are also rated higher than the weight of vehicle to be towed. YOUR TOWING SYSTEM IS ONLY AS STRONG AS THE WEAKEST LINK!**

**FOLLOW THE TOWING INSTRUCTIONS PROVIDED IN THE MANUAL OF YOUR TOWED VEHICLE.**

1. Atlas tow bars are designed to tow 4 wheels down. Be sure your vehicle can be towed this way. Some vehicles require a transmission lubrication system, transmission pump, drive shaft disconnect or half-shaft disconnect in order to tow this way.
2. The transmission must be in neutral when towing.
3. Unlock the steering wheel to allow the front wheels of the towed vehicle to "track".
4. Be sure the front end of the towed vehicle is properly aligned.
5. The use of safety cables or chains is **REQUIRED BY LAW**.
6. Check clearance between vehicles in a turning situation. Avoid sharp turns and rough terrain.
7. Most states require rear lighting on the towed vehicle.
8. Prior to a towing trip, check to be sure all the towing accessories and attachment points are secure.
9. Always check for loose bolts or damaged parts before you begin towing.
10. **DO NOT BACK UP** when towing. It may cause damage to the tow bar assembly, RV chassis or towed vehicle chassis.
11. Periodically check installation of all towing devices.
12. Do not use the towed vehicle for storage as you may exceed the towing capacity of the tow bar.

## How to Install Clevis Connectors on a Atlas Tow Bar

After removing the tow bar from the box you will see the end of the legs have no clevis's to hook to any brand of baseplate. You will need to install these clevis connectors.

With two 3/4" wrench's take the 1/2" bolt out of the tow bar leg. While pulling the 1/2" bolt Slide a clevis onto the tow bar leg and reinsert the 1/2" bolt through the leg.

Put the 1/2-13" nylock nut on the bottom of the 1/2" bolt. Tighten the nut with the the 3/4" wrench until the nut squeezes the ends of the clevis. Do not over tighten so that the clevis can't pivot back and forth. Make sure the nylon in the nylock nut is past the threads.

Repeat this process for the other leg and you are ready to tow.



Fig. A. ↗

## Installing Atlas Tow bar

1. Place the head of the tow bar into the 2" receiver on the RV and secure it with a standard 5/8" cross pin.
2. **Connect to the Baseplate of the tow vehicle**
  - A. Grab a clevis (Fig. A) and connect it to the baseplate of the towed vehicle using the red handle pin and hairpin cotter in the clevis.
  - B. Repeat this procedure on the other tow bar leg.
  - C. Pull the RV forward enough to extend the tow bar legs fully into locked position. If one of the legs do not lock just turn in the same direction and pull forward a little more. Example, if the right leg needs to lock, turn right and pull forward.

**Note:** Always tow with the legs fully extended.

## SAFETY CABLE INSTALLATION:

**SAFETY CABLES MUST CONNECT THE TOWING VEHICLE TO THE TOWED VEHICLE FRAME TO FRAME. DO NOT USE DAMAGED CABLES!**

1. Using the cable hooks, attach the cables to a solid part of the chassis on the towed vehicle.
2. Wrap each cable once around their respective tow bar leg.
3. Using the cable hooks, attach the opposite ends of the cables to a solid part of the RV's chassis.
4. When attaching the safety cables it is important to allow enough slack for tow bar & towed vehicle's turning radius. It is equally important that the safety cables not be allowed to drag or touch the ground. If this happens, the cables may become damaged and ineffective.
5. Be sure each cable used has the proper length and load rating for the tow bar being used.

## UNHOOKING & STOWING

1. Park the RV with vehicle in tow in a straight line on a flat, level surface to ensure minimum pressure is applied to the tow bar legs. This will aid in the removal of the 1/2" bent pins. Engage the RV parking brake and put the towed vehicle either in park for automatic transmissions or securely in first gear for manual transmissions. Disconnect safety cables and lighting.
2. Pull the black T-Handle on top of the tow bar leg. This will release any pressure on the tow bar being exerted by your tow car. Now remove the red handle pins from the baseplate on the towed vehicle. Repeat this procedure for the other tow bar leg.

