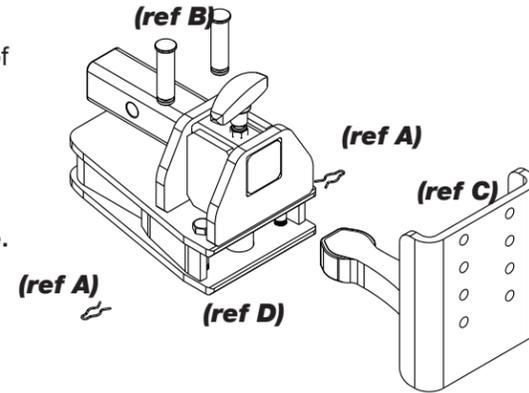




Maintenance & Storage

Periodic cleaning and lubrication with a white lithium type grease will enable you to enjoy your TeleSwivel® 310 for many years.

1. Remove the clips (ref A); the stop pins (ref B) will pull out from the top of the cassette.
2. Remove the probe (ref C) from the cassette (ref D).
3. Clean with soap and water, or a degreasing agent. You may find a pressure washer to be helpful in cleaning out the inside of the cassette. Ensure probe and inside of cassette are dry.
4. Lubricate both sides of the probe and the inside of the cassette with white lithium grease or equivalent.
5. Place the probe back in the case. Replace the stop pins (insert them from the top of the case) and secure with clips.
6. **Warning: Do not operate without stop pins securely in place.**



Service & Repair

If you need service or replacement parts, please contact us:

Web: teleswivel.com
 E-mail: info@teleswivel.com
 Phone: 888-TEL-SWIV (888-835-7948)



Troubleshooting

Your TeleSwivel® 310 hitching system should provide years of problem-free service. Occasionally, however, some incidents may occur.

PROBLEM		SOLUTION
The TeleSwivel® probe is not functioning smoothly.	Dirt or other possible contamination is inside the case	Clean the TeleSwivel® following the "Maintenance & Storage" instructions.
The TeleSwivel® locking pin will not seat back into locked position.	Dirt or other possible contamination is on the locking pin or in the locking pin hole	Clean the TeleSwivel® following the "Maintenance & Storage" instructions.
The TeleSwivel® probe will not retract back into cassette.	A. The tongue weight of the trailer is too high. B. Probe is misaligned due to steep terrain or severe angle. C. Your trailer brakes may be engaging	A. Reload the trailer with the weight mainly over the trailer axle. B. Drive vehicle to a surface that is more level and align vehicle & trailer before locking into place. C. Chock the trailer and back up to lock.
The TeleSwivel® probe is jammed.	Possible damaged or bent TeleSwivel® probe due to operating in the extended position	Contact TeleSwivel® technical support.



Thank you for purchasing a TeleSwivel® brand hitching system - the fastest, easiest, and safest way to connect a trailer to a tow vehicle!

Your TeleSwivel® 310 is designed and built to the highest standards to provide years of trouble-free towing.



TeleSwivel® 310 BAP
TeleSwivel® 310 BAP HD



TeleSwivel® 310 AP

Owner's Manual for TeleSwivel® 310 BAP and AP Series

The TeleSwivel® 310 BAP and the TeleSwivel® 310 AP are both backed by a limited 2-year warranty. For full details about the warranty please visit teleswivel.com or email warranty@teleswivel.com.



MAXIMUM GROSS TRAILER WEIGHT: 14,000 LBS.

MAXIMUM TONGUE WEIGHT: 1,400 LBS.

DO NOT EXCEED THE CAPACITY OF THIS HITCH OR THE VEHICLE TOW RATING AS SPECIFIED IN YOUR VEHICLE OWNER'S MANUAL.

This tow-bar complies with the requirements of the Federal Motor Carrier Safety Administration.

Manufactured by Wilson Swivel, LLC.



Safety Guidelines

- WARNING: Do not exceed the towing capacity of your tow vehicle. Check the vehicle owner's manual for the manufacturer's recommendations.**
- WARNING: Never use a TeleSwivel® hitching system without both stop pins securely inserted and clipped in place. Failure to do so could result in serious injury or death if the trailer becomes disconnected from the hitch system.**
- WARNING: Do not exceed the tongue weight limits for your trailer or hitch. Always load your trailer properly.**
- WARNING: Do not tow with a TeleSwivel® in the extended position to avoid damage to the probe.**
- Use wheel chocks to keep your trailer in place when connecting tow vehicle.
- Connect safety chains whenever you tow.
- Always make the electrical connection for trailer lights (and brakes, if your trailer is so equipped).

Operation



TeleSwivel® 310 AP

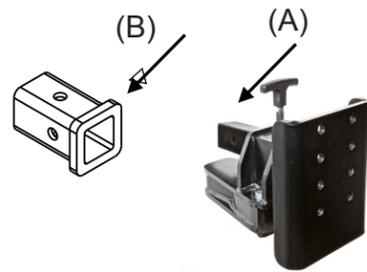
- Attach your preferred bolt-on accessory securely at the drop/rise position needed for proper trailer alignment.

To increase the drop on your hitch

- Remove the two clips (ref D below) to release the two stop pins (ref E).
(Note: The unit may need to be pulled out of the receiver in order to remove the stop pins on some vehicles.)
- Pull handle (ref F) to unlock and pull the probe (ref G) completely out and reinsert with the mounting plate (ref H) in the reversed position. **WARNING: Probe is heavy.**
- Replace the two stop pins and secure with the clips.
- Connect the dual ball assembly as noted above.

Installation & Parts

310 AP

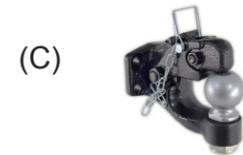


310 AP

- Insert adapter arm (ref A) into your 2" receiver (ref B).
- Insert a hitch pin rated at 14,000 pounds through the receiver hole to secure your adapter (a locking hitch pin is recommended).
- Bolt on your desired accessory in accordance with specific weight requirements (ref C). See chart below:

310 BAP

- Bolt TS310BAP mounting plate (ref A) using 4 5/8" bolts supplied on to truck frame or bumper (ref B) secure with nuts and lock washers.
- Bolt on your desired accessory in accordance with specific weight requirements (ref C). See chart below:



TS 310 AP and BAP

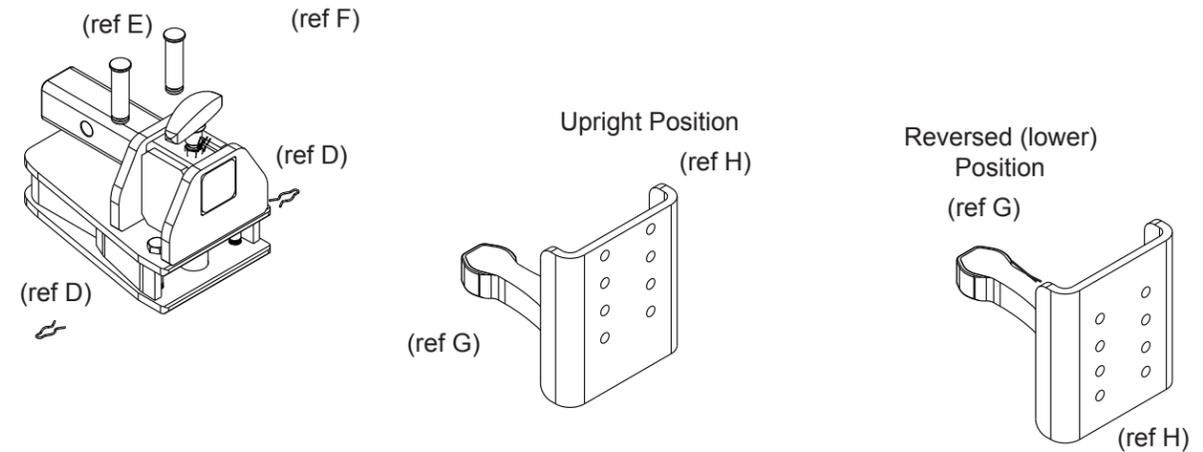
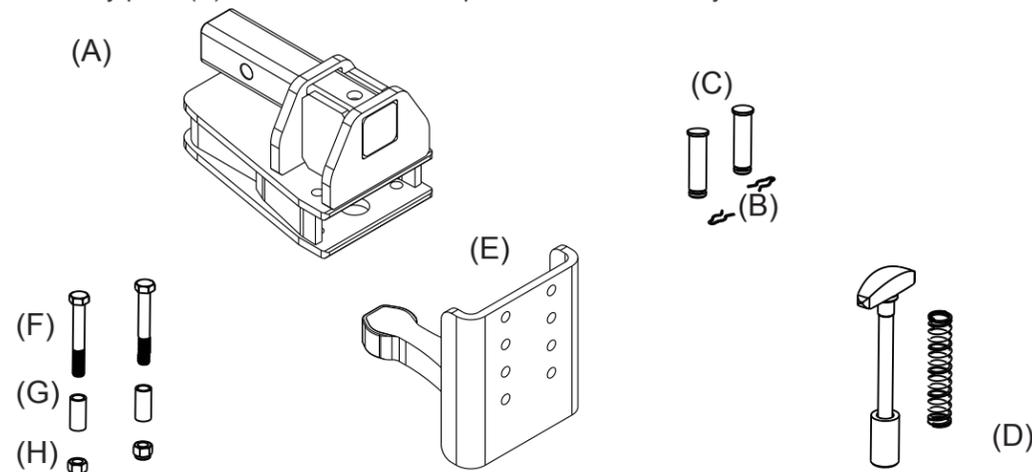
Probe position	Ball Hitch rating	Pintle hitch rating
Up (Rise)	14,000 lbs GTW 1,400 lbs tongue weight	14,000 lbs GTW 1,400 lbs tongue weight
Down (Drop)	12,000 lbs GTW 1,200 lbs tongue weight	14,000 lbs GTW 1,400 lbs tongue weight

TS 310 BAP HD

Probe position	Ball Hitch rating	Pintle hitch rating
Up (Rise)	14,000 lbs GTW 1,400 lbs tongue weight	20,000 lbs GTW 1,500 lbs tongue weight
Down (Drop)	14,000 lbs GTW 1,400 lbs tongue weight	20,000 lbs GTW 1,500 lbs tongue weight

The TeleSwivel® 310 AP has an accessory plate (E) with a standard hole pattern to bolt-on many various accessories

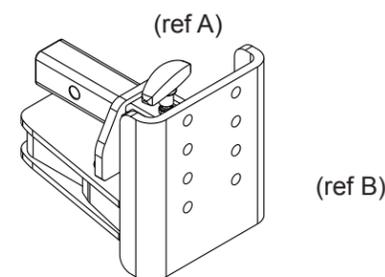
- A. Cassette
- B. Clips
- C. Stop Pins
- D. Locking Pin Assembly
- E. Accessory Channel Probe
- F. Bolt
- G. Bushing
- H. Lock Nut



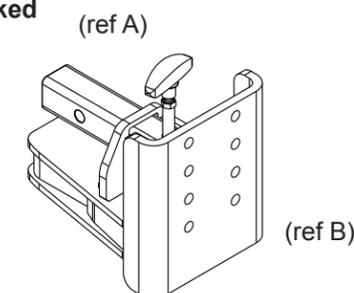
To connect to your trailer

- Back up tow vehicle to get close to the trailer.
- Lift up handle (ref A below) to unlock.
- Extend and swivel the probe assembly (ref B) to position under the trailer coupler or pintle hitch.
- Connect and lock the trailer coupler (or add third retainer rod and heavy duty pintle retention sleeve, for pintle hook retention, if used) safety chains and electrical connections.
- Lock the TeleSwivel® into place by either backing into the chocked trailer or pulling forward to align the tow vehicle and trailer, and applying your tow vehicle's brakes. If your electric or surge trailer brakes prevent the TeleSwivel® from locking into place, chock the trailer and back up the tow vehicle to lock. Note: Ensure that the TeleSwivel® locking pin is securely in place before towing.

Locked



Unlocked



Unlocked & Pulled Out

