



## Troubleshooting

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

PROBLEM	LIKELY CAUSE	SOLUTION
The TeleSwivel® probe is not functioning smoothly	Dirt or other possible contamination is inside the case	Clean the TeleSwivel® following the instructions above
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 instructions above
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. 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	<b>Contact TeleSwivel® technical support</b>



## Service & Repair

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

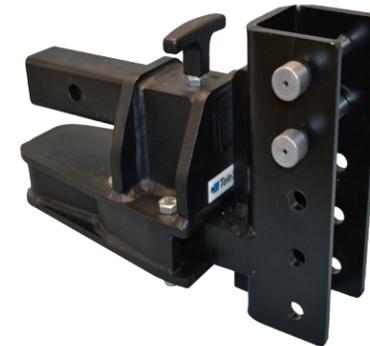
Web: [teleswivel.com](http://teleswivel.com)  
E-mail: [info@teleswivel.com](mailto:info@teleswivel.com)  
Phone: (919) 246-9249



**Thank you for purchasing a TeleSwivel® 210/310 accessory channel hitching system - the fastest, easiest, and safest way to connect a trailer to a tow vehicle!**

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

**TeleSwivel® 210/310 Base unit**



**TeleSwivel® 210/310 with attached dual-ball pintle capture combo**



*Owner's Manual for*

## TeleSwivel® 210/310 Accessory Channel

The TeleSwivel® 210/310 accessory channel hitches are backed by a limited 2-year warranty. For full details about the warranty please visit [teleswivel.com](http://teleswivel.com) or email [info@teleswivel.com](mailto:info@teleswivel.com).

TeleSwivel® 210 AC



**MAXIMUM GROSS TRAILER WEIGHT: 10,000 LBS.**

**MAXIMUM TONGUE WEIGHT: 1,000 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 TeleSwivel, LLC.

TeleSwivel® 310 AC



**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 TeleSwivel, LLC.

NOTE: Dual-ball pintle accessory is shown throughout this owner's manual. For additional accessories (dual-ball, clevis mount, and ball-pintle combos), see [www.teleswivel.com](http://www.teleswivel.com)

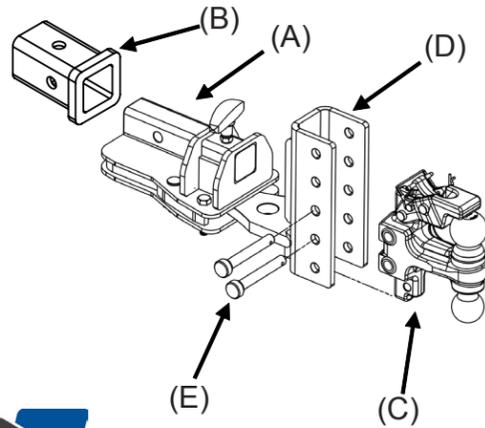


## Safety Guidelines

- WARNING:** Do not exceed the towing capacity of your tow vehicle. Check the owner's manual for your vehicle for the manufacturer's recommendations.
- WARNING:** Never use the 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 the TeleSwivel® in the extended position to avoid damage to the TeleSwivel® 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).



## Installation



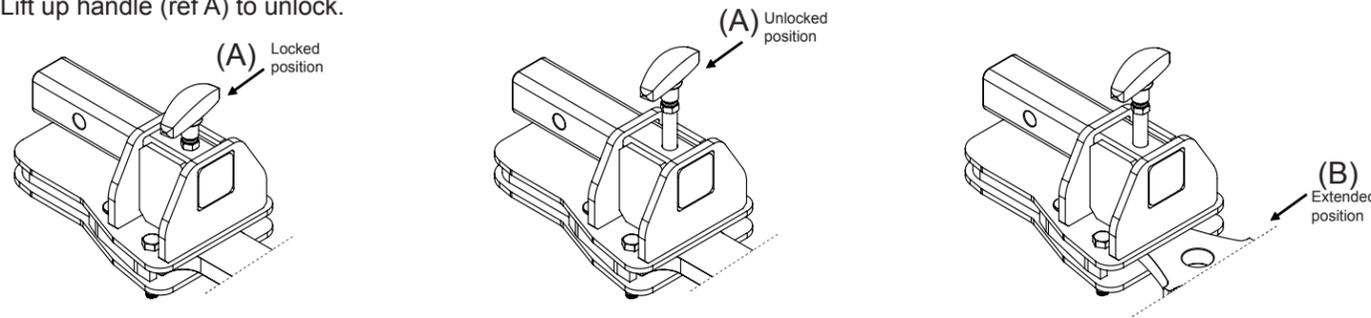
- Insert adapter arm (ref A) into your 2" receiver (ref B).
- Insert a hitch pin rated at least 10,000 pounds GTW for TS210AC and 14,000 pounds GTW for 310AC through the receiver hole to secure your adapter (a locking hitch pin is recommended). **Ensure that the hitch pin is secured with a locking clip before towing.**
- Place the selected hitch accessory (ref C) into the channel (ref D) at the appropriate height setting (Dual-ball pintle accessory is shown). Secure the accessory in the channel with the pins (ref E) provided. **Ensure that the pins are secured with the locking clips before towing.**



## Operation

### To connect to your trailer

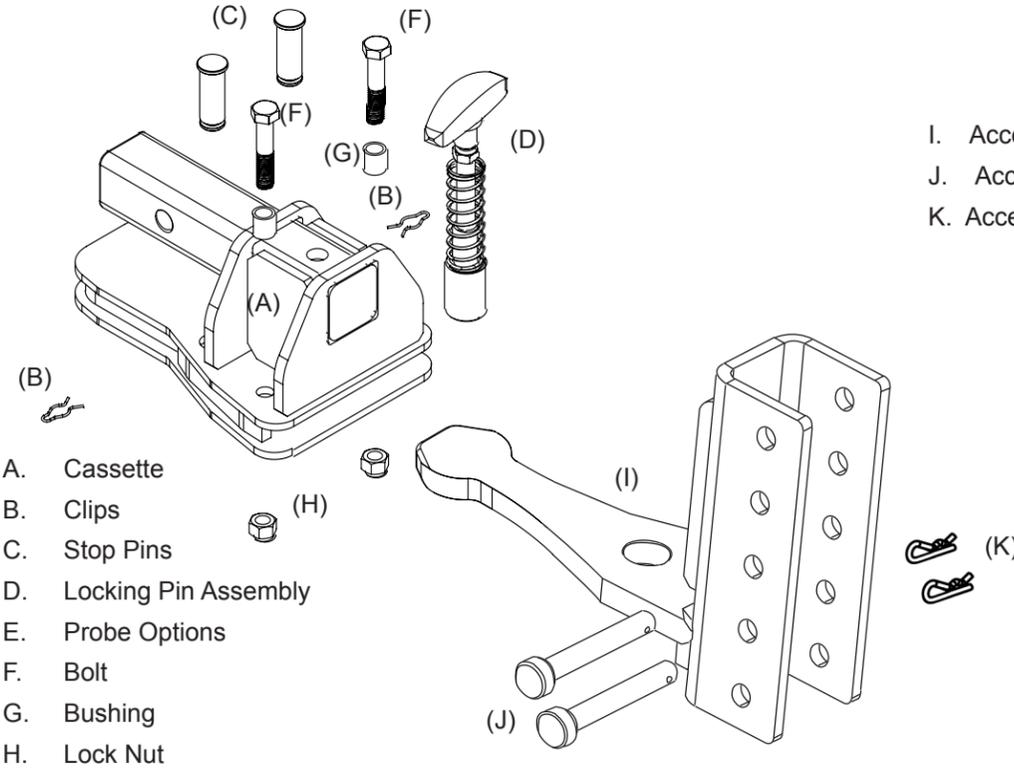
- Back up tow vehicle to get close to the trailer.
- Lift up handle (ref A) to unlock.



- Extend and swivel the probe (ref B, partial view shown) to position under the trailer coupler.
- Connect and lock the trailer coupler, safety chains and electrical cords.
- Lock the TeleSwivel® into place by either backing into the chocked trailer or pulling slowly forward to align the tow vehicle and trailer, and applying your tow vehicle's brakes. The trailer will continue forward and lock in place. **Ensure that the TeleSwivel® locking pin is in place before towing.**



## Parts



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

- I. Accessory Channel Probe
- J. Accessory Lock Pins
- K. Accessory Lock Pin Safety Clips



## Compatible Hitch Accessories

Accessory	Dual-Ball  APO-1770	DB Pintle Cap  APO-1374	2" Ball/Pintle  APO-1772	2 <sup>5/16</sup> " Ball/Pintle  APO-1776	Clevis  APO-1771
GTW/Tongue Wt	10,000/1,000 or 14,000/1,400 lbs	10,000/1,000 or 14,000/1,400 lbs	10,000/1,000 lbs	13,000/1,300 lbs	14,000/1,400 lbs



## Maintenance & Storage

Periodic cleaning and lubrication will enable you to enjoy your TeleSwivel® for many years.

- Remove the locking clips (ref A); the stop pins (ref B) will pull out from the top of the cassette.
- Remove the probe (ref C, partial view shown) from the cassette.
- 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 the drain hole at the end of the cassette body is clear and free of debris. Ensure probe and inside of cassette are dry.
- Lubricate both sides of the probe with white lithium grease.
- Place the probe back in the case. Replace the stop pins (insert them from the top of the case) and secure with locking clips.
- Do not operate without stop pins securely in place.**