



*Thank you for purchasing a
TeleSwivel® 210 brand 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



TeleSwivel® 210 DH



TeleSwivel® 210 AP



Owner's Manual for
TeleSwivel® 210 Series

The TeleSwivel® 210 units are all backed by a limited 5-year warranty. For full details about the warranty please visit teleswivel.com or email warranty@teleswivel.com.

TeleSwivel® from Williams Innovations

888-TEL-SWIV (888-835-7948)

 teleswivel.com

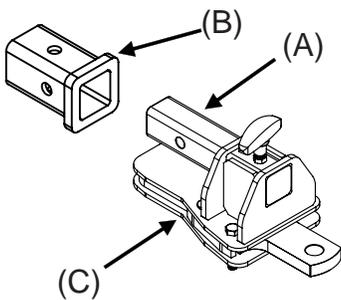


Safety Guidelines

- 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



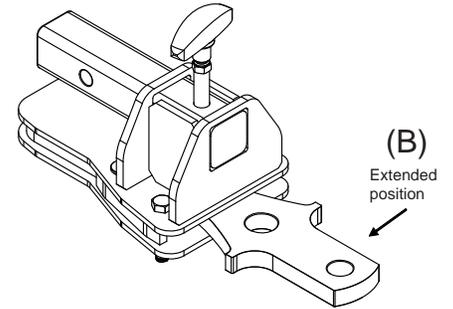
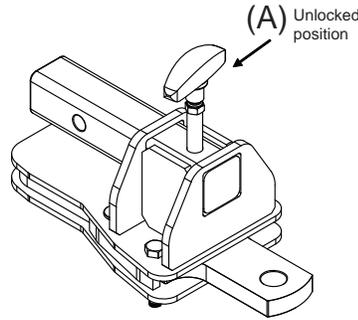
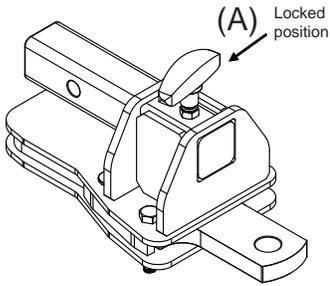
1. Insert adapter arm (ref A) into your 2" receiver (ref B).
2. Insert a hitch pin rated at least 10,000 pounds GTW through the receiver hole to secure your adapter (a locking hitch pin is recommended).
3. For the TeleSwivel® 210 attach any standard hitch ball rated for 10,000 pounds GTW. For the TeleSwivel® 210 AP, or 210 DH, attach your desired accessory in accordance with specific weight requirements, not to exceed GTW rating per probe type (see table below).

Products	Max Ratings	Rise / Drop	Product Compatibility
 TeleSwivel® 210	10,000 lbs gross trailer weight 1,000 lbs tongue weight	A standard hitch ball is equivalent to a 4" drop.	Any 1 ^{7/8} ", 2", or 2 ^{5/16} " hitch ball with 1" diameter shank.
 TeleSwivel® 210 DH	10,000 lbs gross trailer weight 1,000 lbs tongue weight	Adjustable over 11" range. Probe reverses to allow: Rise: 4" Drop: 7"	Ball mount can accommodate any 1 ^{7/8} ", 2", or 2 ^{5/16} " hitch ball with 1" diameter shank. Accommodates most weight distribution heads.
 TeleSwivel® 210 AP	10,000 lbs gross trailer weight* 1,000 lbs tongue weight	Adjustable over 11" range. Probe reverses to allow: Rise: 3" Drop: 8"	Plate will accommodate most bolt-on combination hitch accessories, with a hole pattern of 3 ^{3/8} " across and 1 ^{3/4} " down. <i>*Note: Pintle Ball accessories in the lowest drop position reduces rating to 8,000 lbs GTW</i>

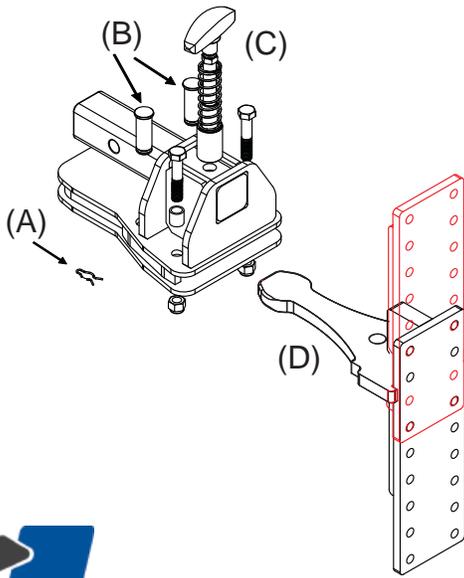


To connect to your trailer

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



3. Extend and swivel the probe (ref B) to position under the trailer coupler.
4. Connect and lock the trailer coupler, safety chains and electrical cords.
5. 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.**



To increase the drop on your hitch

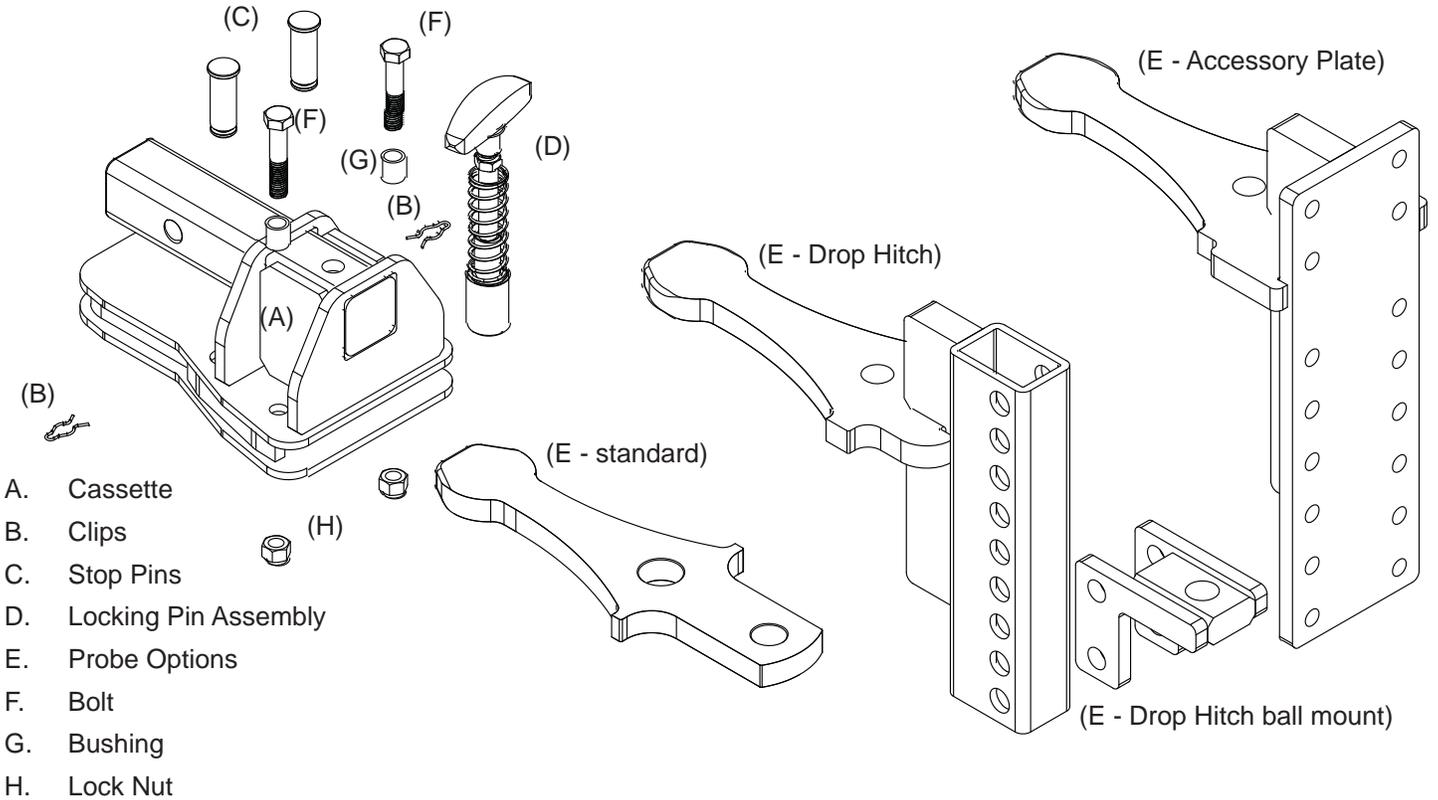
1. Remove the two clips (ref A) to release the two stop pins (ref B).
(Note: The unit may need to be pulled out of the receiver in order to remove the stop pins on some vehicles.)
2. Pull handle (ref C) to unlock and pull the probe (ref D) completely out and reinsert with the mounting plate (ref H) in the reversed position. **WARNING: Probe is heavy.**
3. Replace the two stop pins and secure with the clips.



Troubleshooting

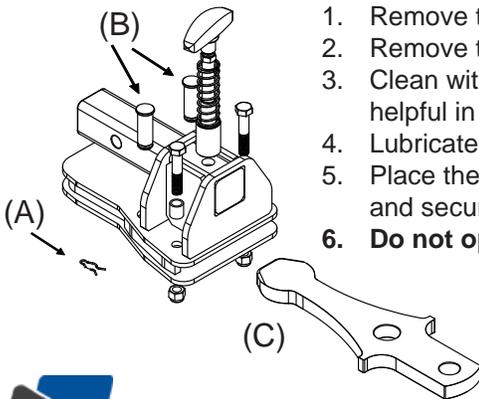
Your TeleSwivel® hitching system should provide years of problem-free service. Occasionally, however, some incidents may occur.

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	Contact TeleSwivel® technical support



Maintenance & Storage

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



1. Remove the locking 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.
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 with white lithium grease.
5. Place the probe back in the case. Replace the stop pins (insert them from the top of the case) and secure with locking clips.
6. **Do not operate without stop pins securely in place.**

NOTE for TS 210 AP and DH owners: You may re-insert the accessory probes in the reverse position to provide an additional drop/rise capability.



Service & Repair

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

Web: teleswivel.com

E-mail: service@teleswivel.com

Phone: (888) TEL-SWIV



Product Registration

To register your TeleSwivel® hitch adapter, log on to teleswivel.com/registration. If you ordered your TeleSwivel® on line you have been automatically registered. Registration of your TeleSwivel® hitch adapter enables us to contact you in the unlikely event a safety modification is issued for your product under the consumer product safety act. **NOTE: Failure to register your product does not void your warranty rights.**