

SWIVELWHEEL-78

About two years prior to the date of the Swivelwheel-78 introduction, we had received numerous requests to install our Cruiserlift RV Motorcycle Lift system onto the rear of a fifth wheel travel trailer. At Fast Master Products, Inc. generally, this is not an option. We have had numerous individuals that have competitive lift systems onto their fifth wheel travel trailers, tell us that the added weight bent the chassis frame. Some tell us that their trailers slide out will not work anymore.



The lift systems that are installed and do not bend the chassis frame, fishtail while driving down the road due to reduced king pin weight. When the combined weight of the lifting device and motorcycle are downloaded to the rear of the trailer, (could be over 1100 pounds or more of direct downward force) it reduces weight on the king pin, thus giving an unstable ride at or below highway speeds. The following is a quote received via a recent email that may sum it all up:

hi i am needing more info on your swivel wheel trailer .can i legally pull it behind my 5th wheel trailer with out any problems, such as fishtailing and problems backing? i had overbiltlifts install their lift on my new 5th wheel with the promise of no problems. boy was that a big mistake. the fishtailing is so bad that it is scary. so i need to find a better safer way of taking our harley along with us.

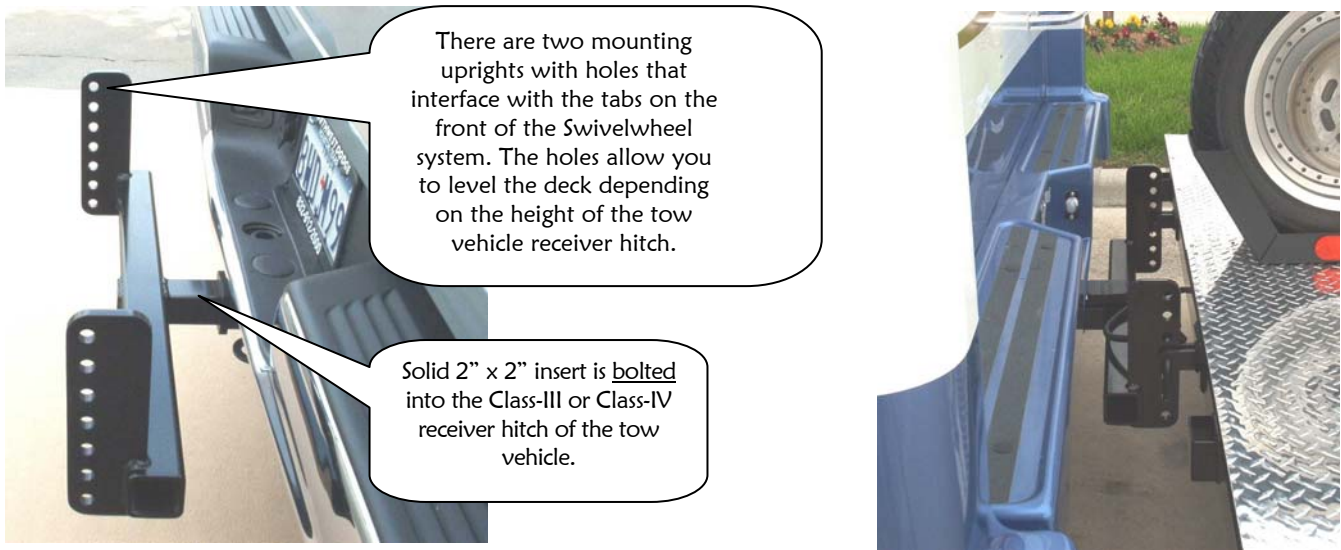
Fast Master Products, Inc. has designed a solution for carrying motorcycles, ATV's, gas golf carts, go carts, dirt bikes, etc behind their fifth wheel trailers without damage to the chassis frame. That last statement is true as long as the chassis frame under your trailer can handle the weights associated with a Class-III receiver hitch. **Not all fifth wheel trailers will accommodate a receiver hitch mounted to the rear.** You may want to consult your trailer manufacturer or a hitch installer before installing a receiver system to your fifth wheel travel trailer.

The product is not a lifting device. It is actually a single wheel transport system. It is actually an extension of the trailer frame. We have taken the undesirable characteristics from bumper pull trailers out of this product. That means no more fishtailing or jackknifing.

The name of the system is **SWIVELWHEEL-78**. The SwivelWheel-78 systems mounting bracket installs into any Class-III or Class-IV receiver hitch on the tow vehicle. A Class-III or Class-IV receiver hitch has a 2 ½" Outside Diameter and a 2" Inside Diameter receiver tube. A Class-III receiver hitch has a 500-pound tongue weight, and 5000 pound towing capacity. The Class-IV receiver has a 1000-pound tongue weight, and 10,000 pound towing capacity. If your trailer or tow vehicle has a smaller receiver tube than the ones described, the Swivelwheel-78 system will not connect to the vehicle.

The system includes a single swivel wheel with torsion axle suspension that incorporates a 5.70 x 8", D-Rated, 8-Ply, Highway Speed (65 mph) Trailer Tire. This tire has an inflation pressure of 100 PSI cold @ 1075 pounds. This product may be towed with any Class-A diesel coach, Class-A gas coach, Class-C coach, Class-B coach, full size pick-up and SUV, or fifth wheel travel trailer.

What makes the SwivelWheel-78 system unique? The SwivelWheel-78 system will always track with the tow vehicle. This is true while driving down the highway or backing up. Since the system is actually an extension of the tow vehicle frame, via the receiver hitch, the SwivelWheel-78 product cannot fishtail while driving or jackknife while backing. You can take the hassle out of having to disconnect a trailer behind your fifth wheel trailer in order to back up. There are no special adapters to weld to the tow vehicle in order to mount the system. All SwivelWheel-78 systems come with an adjustable height, mounting bracket to accommodate the various receiver hitch heights. This mounting hardware allows you to level the system when attached to the tow vehicle. The Swivelwheel-78 system is allowed to pivot at the front mount to allow for road and driveway transitions.



Some of the questions that people ask are:

How do you keep the wheel from fluttering while driving over 45-50 MPH? We have engineered and tested the system up to maximum load rating, and at and above highway speed limits without any wheel flutter. We have units that have been tested for thousands of miles without any wheel flutter. These were tested at highway speeds as well as city speeds. Also incorporated in the system is a friction rotor assembly that will not allow the wheel to flutter under any condition. You can read a lot of chatter on the Internet forum pages from a number of proclaimed experts on any product out there. The bottom line is, the Swivelwheel caster will not and cannot act like a shopping cart wheel and flutter.

Why is the deck frame in a Semi-V configuration? If we had squared the trailer off at 7' wide x 8' long, the system would encroach into the oncoming traffic lane by 2 or 3 feet while making a right hand turn. By using the Semi-V design, and removing 1 ½" from each side at the rear, the system remains in your lane while turning.

The Swivelwheel-78 system has a load capacity of 1000 pounds contained within the deck perimeter.

Do I have to license the Swivelwheel-78 system? This depends on the registry state. A couple of states do not require license plates since the gross weight rating is under their required limits.

What do I do if I have a flat tire on the Swivelwheel-78 system? If you pull trailers long enough, you will have the unfortunate experience of a flat tire. If you have a flat....Change it! Contrary to belief, if you have a flat tire on the system, the system cannot sway from side to side. It has to track with the tow vehicle. The worse case is that you may grind the rim down if not found soon. That's a problem with standard trailers also. There are tire pressure monitors available that allow you to monitor your tires while driving down the road.

Why a gas golf cart and not an electric golf cart? Gas golf carts weigh much less than electric. I know that the manual for the EZ-Go electric golf cart specifies a weight of 560 pounds without batteries. With batteries, we weighed our cart on calibrated racecar scales at 1005 pounds. You might say that your splitting hairs with a 1000 pound weight rating and a 1005 pound load, but there are other things to consider.

- A. The front of the cart weighs 345 pounds and the rear of the cart weighs 660 pounds due to the batteries. This is a total of 1005 pounds.
- B. When the golf cart is loaded onto the Swivelwheel-78 trailer in the forward position, the bulk of the weight is going to be behind the wheel assembly which would offset the trailer loading ratio and create adverse handling while pulling.
- C. If the cart were backed onto the Swivelwheel-78 trailer, now the weight is transferred to the front and with the weight of the golf cart and trailer, the tongue weight will be beyond most fifth wheel trailer specifications as well as a receiver hitch below a Class-IV specification. You would have to have at least a Class-IV or better receiver hitch to handle the associated weights. **If you are looking to transport an electric golf cart, refer to the Swivelwheel-58DW system.**

For additional questions and answers in regards to the Swivelwheel-78 system, you may go to www.cruiserlift.com, and click on **FAQ's Swivelwheel**.

For additional information, we can be contacted by mail, phone, fax, or email:

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<http://www.swivelwheel.com>

NOTE: The Swivelwheel-78 system should not be used with fifth wheel travel trailers under 30 feet in length and under 10,000 pounds dry weight.

Standard and Optional Features Include:

- ✓ 1000 Pound Weight Capacity
- ✓ Swivel Wheel Assembly
- ✓ 5.70 x 8", D-Rated, 8-Ply, Highway Speed Trailer Tire.
- ✓ Torsion Suspension
- ✓ Welded Tubular Steel Frame
- ✓ Black Semi-Gloss Powder Coat
- ✓ Integrated Lighting System w/ 4-wire flat trailer plug
- ✓ Dual Front Hinge Mounts
- ✓ ¾" Treated & Painted Plywood Decking
- ✓ Low Deck Height of 24 ¾" For Easy Loading
- ✓ 2" X 2" Stake Bed Receivers (3ea on the sides & 2ea on the front)
- ✓ Side Reflectors
- ✓ Friction Rotor System
- ✓ E-Track Mounting Track (Optional)
- ✓ E-Track Mounting Adapters (Optional)
- ✓ Locking Motorcycle Wheel Chock (Optional)
- ✓ Spare Tire & Wheel (Optional)
- ✓ 3-Piece Loading Ramps (Optional)
- ✓ Loading Ramp Holders (Optional)

As shown by the following photos, the Swivelwheel-78 system can be used for a multitude of tasks. It can get into areas where a standard trailer can't. We have personally used the Swivelwheel-78

system to transport steel parts, plywood and other lumber, ATV's, Motorcycles, Lawn Mowers, grass sod, landscape bricks, hay bails, etc, etc, etc.







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