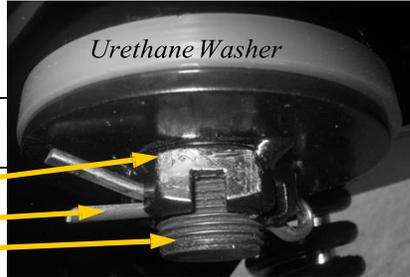


Maintenance

Urethane Washer
Castle Nut
Cotter Pin
Spindle



- Maintain recommended tire air pressure at all times.
- Check the casters for proper adjustment to minimize any unwanted motion in the caster. If unwanted motion occurs with the caster, it can be easily eliminated by removing the cotter pin on the chassis spindle immediately above the tire and then tighten the slotted nut until it appears a little on the tight side.
- If caster ever locks up and will not swivel, remove the castle nut, drop the caster from the spindle, clean out any road debris, lubricate spindle with a light application of axle grease, and then secure the caster onto the spindle using the castle nut and cotter pin.

Consumer Information

CALL or write with any comments or questions about our products or service.

Monday-Friday 8:00 a.m.—6:00 p.m. Eastern Time.
Consumer Relations, Smart Trailers, Inc,
536 S. Combee Rd.
Lakeland, FL 33801 USA
1 (863) 644-6060

SMART TRAILERS

A Division of Iron Men Industries, Inc

Owner's Manual

For Smart Trailers: Model 200



Warning! Read and understand the contents of this manual for safe use of your Smart Trailer.

Use caution when using your Smart Trailer!

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Updated April, 2016

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Things ALWAYS toDo!

- Always maintain recommended tire air pressure.
- Always secure safety chains.
- Always tightly secure the load onto the trailer and check frequently.
- Always leave 2 to 3 times more space between your vehicle and the vehicle ahead of you than when driving an unloaded vehicle.
- Always slow down to half ($\frac{1}{2}$) the recommended speed limit on curves.
- Always drive in the outside lane.
- Always avoid pot holes, road debris, and broken concrete road bed.

Things NEVER to Do!

- Do not hitch or unhitch the trailer when it is loaded.
- Do not exceed the recommended tongue weight for your trailer hitch.
- Do not make short, sharp turns to right or left.
- Do not exceed the speed limit. Less than the legal posted speed limit is recommended for towing a trailer whether it is loaded or unloaded.
- Do not drive with the caster locking pins in the locked position. These pins are to be used only when hitching and unhitching the trailer.

Receiving Your Trailer—Model SL-200

Thank you for your Smart Trailer purchase. We want your ownership of your trailer to be a pleasant experience.

Because Smart Trailers are unique in design, we take every precaution in making sure it is properly prepared for shipping. It will come packaged upside down and strapped to a wooden pallet. The trailers will weigh about 550 lbs. It is therefore recommended that you have two or three adult males to help uncrate it and turn it over to a rolling position. It will help to follow the suggested steps below.

Be Careful! Avoid getting hurt while handling!

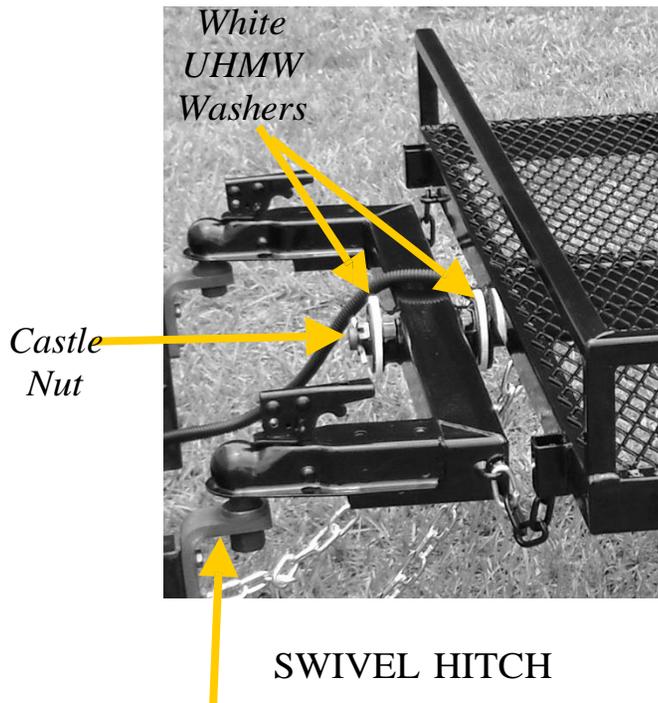
Steps:

1. Remove the sides of carton and the banding.
2. Remove any boxes of accessories.
3. Mount the tires. Be careful to make sure that all lug nuts are centered in the holes of the rims. Otherwise, the trailer will bounce on the road when traveling. Make sure all lug nuts are properly torqued (75-80lbs.)
4. Make two stacks of three pieces of 2x4's about

Receiving Your Trailer—*continued*

12-15 inches long (total of six pieces) and place near each end of trailer. Then move the rear of the trailer about 2 inches off the pallet to rest on the 2 stacks of 2x4's.

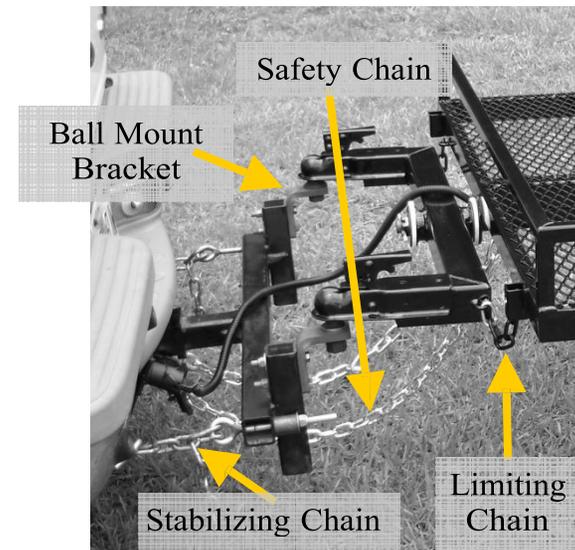
5. Place swivel hitch on front of trailer as shown below.



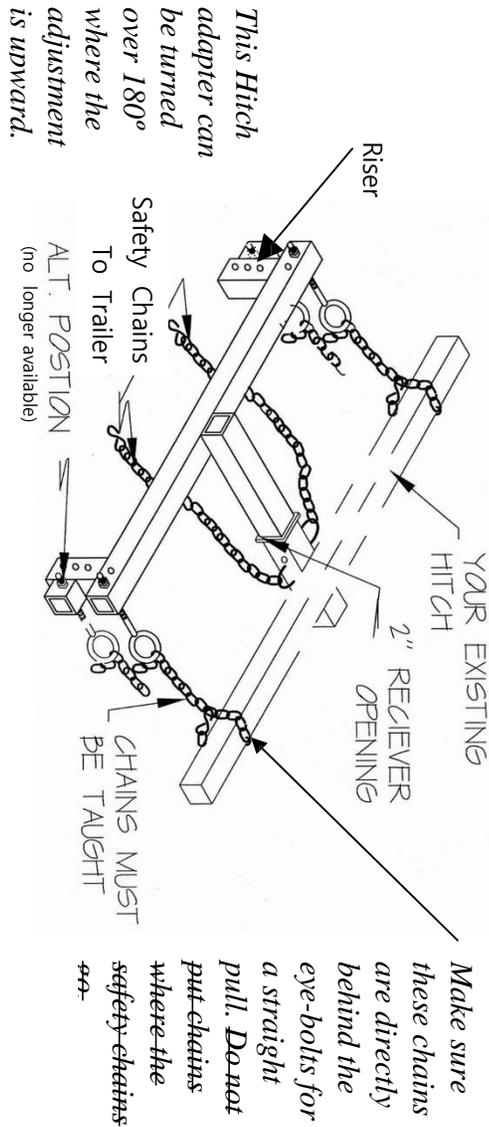
Ball Mount Bracket

Hitching Trailer to Vehicle *continued*

7. Always make sure that when the hitch couplers are latched onto the coupler balls that there is no loose play in the connection. Use locking pins.
8. Once the proper height for the front of the trailer has been established, firmly tighten all bolts.
9. Plug in lights, remove locking pins from casters, and place pins in pin keeper underneath chassis frame just forward the wheel casters.
10. Secure safety chains to trailer hitch.
11. Always be careful when using your Smart Trailer. Do not speed! Do not make sharp turns to the right or left. Observe all traffic regulations.



Hitching Trailer to Vehicle *continued*



Receiving Your Trailer—*continued*

- Remove cotter pin, castle nut, and one white UHMW washer from spindle on front of trailer. Place 2-point hitch on spindle and put UHMW washer on shoulder of spindle. Place castle nut on snugly, insert cotter pin, and spread the ends. Use repair links on the short chains near each end of the hitch to secure to the hitch. These chains limit the amount of swivel on the hitch.
- You are now ready to lift the front of the trailer to a vertical position. Two or Three adult males should be used for this task. With the trailer being held firmly in a vertical position, move around to the front of the trailer to carefully let it down to the pavement. The trailer is now well balanced and one should be able to go to the rear of the trailer, bear down on it, which will raise the front end up, and push it easily up to the towing vehicle. Please note for the consumer benefit, the caster locking pins are secured with the casters in a backing up position. Once the trailer is firmly hitched to the towing vehicle, remove caster locking pins and place in pin keeper on bottom of chassis. Never, never tow the trailer with the casters locked in a fixed position.

Hitching Trailer (Model SL-200) to Vehicle

The Model SL-200 should be used only with dual wheel trucks. The towing vehicle should have a class III or heavier receiver hitch. Some fifth-wheel trailers may be suitable for our Model SL-200 if the underneath frame work is heavy enough. It would need to be sufficient for a class III receiver hitch or heavier. It is the consumer's responsibility to consult with a manufacturer of the fifth-wheel or the manufacturer of the trailer hitch to make this determination. Some states may allow a trailer to be pulled behind a fifth-wheel and some may not. This determination will be the responsibility of the consumer.

Follow the following steps to properly hitch the trailer to the towing vehicle.

Steps:

1. Put vehicle on level ground.
2. Plug the 2-point hitch adapter into the receiver opening of the trailer hitch and insert $\frac{5}{8}$ inch pin (provided by consumer) to secure the hitch into the receiver.
3. Secure the stabilizing chains to the cross bar of the trailer hitch on the towing vehicle. Use hook

Hitching Trailer to Vehicle *continued*

on end of chain to wrap around the cross bar (see diagram on next page). Use repair link to place in the proper link in the chain. Place repair link over the eye-bolt and slightly tighten nut on bottom of eye-bolt. This takes the stress off of the receiver when backing up.

4. Repeat step 3 on opposite end of hitch adapter.
5. Measure to make sure the hitch adapter (both ends) are the same distance from the cross bar on trailer hitch of the vehicle. Otherwise, the trailer will not follow straight behind the vehicle. Tighten nuts on eye-bolts.
6. Secure ball-mount brackets to the riser parts on the hitch adapter in a position to allow the front of the trailer to be level or a little lower in the front than the rear (1 to 2 inches.) The hitch adapter can be inverted when necessary to maintain the correct level with the bed of the trailer. This makes it easier for the wheels to swivel. *Do not* tighten the coupler or the 2 ball-mount bracket bolts until the trailer hitch coupler is placed on the coupler balls and the proper height of the front of the trailer has been established. Always maintain exactly 30 inches center to center between coupler balls.