



Hitchgate Solo, Solo HC & Solo XL Installation Guide

The Hitchgate Solo or SoloXL must only be installed in a Class III or greater 2" hitch assembly.

Tow vehicle maximum trailer rating may be less than the Hitchgate rating, see vehicle owner's guide for maximum towing and tongue weight. By installing this product, along with a wheel/tire, you have used a portion of your current tongue load capacity. The Solo weighs 53lbs, the SoloXL weighs 58lbs. Add your Hitchgate weight to the weight of the wheel/tire to gauge your safety limits.

Tool List:

- 19mm & 3/4" sockets
- socket wrench
- 19mm box wrench
- 10" (or longer) socket extension
- 6mm allen key
- tire iron or similar

Recommended:

- torque wrench

Wedge-Lock and Truck Mount: Step 1

1. Make sure vehicle is turned off and the emergency brake is set before installation.
2. Liberally grease the bolt and the anti-rocking wedge-lock on the end of the receiver on the truck mount.
3. Loosen the allen head bolt on the back of the truck mount. Loop the t-pin/latch pin cable over the bolt and tighten, making sure the loop is secured by the washer. Let the pin hang until step 9.
4. Insert the Hitchgate wedge-lock assembly and the truck mount it attaches to, into the receiver, pushing it back to one of the two hitch pin holes. Align hitch pin hole with the hitch pin then remove the hitch pin.
5. Tighten the anti-rocking wedge-lock using a 3/4" socket and a socket extension inserted through the lower 2" tube. Tighten to approx 75-100 ft/lbs.

WARNING The anti-rocking wedge-lock is intended only to control motion in the Hitchgate and is not a safety device, the hitch pin **MUST** be installed securing the Hitchgate to the vehicle receiver at all times.

6. Re-insert the receiver hitch pin

Tire-Mount/Swing-Arm: Step 2

7. Using the two black Delrin thrust washers, place one on top and on the bottom of the pivot side bushing, inserting the swing arm into the tire mount swing arm into the Hitchgate truck mount.
8. Grease the 1/2-13x5 1/2" bolt, place one 1/2" flat washers on the top and on the bottom, inserting the bolt through the pivot side, snug up this bolt to 75 ft/lbs. You may increase torque up to 100 ft/lbs to adjust the tension on the gate upon opening.
9. Close the swing arm and insert the latch pin through the swing arm and the truck mount assembly.

Upper Lug Bracket: Step 3

10. The brass colored M12 Bracket slides into the top slot on the wheel plate.
11. Install the bracket using the 2-1/4x20 bolts just barely snug for now. This will allow you to align the remaining wheel bolts when you mount the tire for the first time.
12. Mount the wheel/tire to the Hitchgate tire mount using the supplied hardware matching the bolt size to the upper lug bracket. Use a minimum of 3 lug bolts at all times. Full size trucks and SUVs, 4 lug bolts are recommended.
13. Torque all lugs to 75 ft/lbs.

Safety and Break In: Step 4

- After driving the vehicle 25 miles, re-torque wheel lugs to 75 ft/lbs.
- Check lug nuts and wedge-lock for proper torque at oil change intervals.