CONVERTIBLE COMFORT LIFT™ KIT

All Years Tri-Glide & Freewheeler

Made in The USA!

INSTRUCTIONS

(Please read all instructions before beginning the installation)

Parts included:

2 CNC Cut Convertible (Dual Mount) Lower Shock Mount Brackets

Installation Steps: (It is important to do these steps in the order listed)

1. Secure the front wheel. (a wheel chock or velcro holding the front brake lever works well).
2. Loosen lug nuts on both rear wheels.
3. Raise rear of Trike until both rear tires are off the ground 4-5 inches.
4. Place 2 jack stands (use wood between stands and cross member) under cross member (closest to front wheel) below trunk area. Remove jacks from under axle so that the tires are still off the ground and the weight is being supported by the jack stands.
5. Place a jack under the rear pulley housing/guard. Leave a small space (⅛" is good) between the jack & the bottom of the guard. (this will be used later to adjust the axle for easy shock re-installation)
6. Remove the rear wheels & let all the air out of the shocks.
7. Loosen the the bottom shock bolt with a ¾" open end wrench.
8. Remove all three bolts securing lower shock mount to pinch blocks using a 9/16" socket. (the last bolt removed will have a little sideways stress on it) Finish removing bottom shock bolt.
9. Repeat process on the other side. When finished the pulley housing/guard may have dropped down and be resting on the jack. That is ok, that is what it is there for.
10. When installing the new shock mount brackets, please note there is a Left & Right side. The boss (nut welded to the bracket) goes on the outside (closest to the tire).
11. **Choose a side to begin (does not matter which), install the bottom shock bolt into the**

New shock mount bracket (finger tight only).

12. Install the TOP bolt securing the bracket to the pinch bolt assembly, then install the other two bolts securing the bracket to the pinch bolt assembly. Use the two “Full Lift” holes (see reference photo below) to get the full 1.25” Lift. At this point you may need to lower or higher the jack under the pulley guard to get all the bolts to line up easily.

12b. If the two “Full Lift” bolts do not line up easily, (no force on the the shocks or brackets is needed) because the swingarm is resting on the exhaust, use the “Secondary Lift” holes.

13. Tighten all 4 bolts to HD Torque Values listed below.
14. Repeat steps 12 & 13 on the other side.
15. Install wheels and remove jack stands and jack.
16. Tighten lug nuts to HD Torque Value listed below.

17. Now that the back end is lifted, the headlight will be pointed down a little lower than it should be. Please adjust it per your manual for best visibility. In some cases you will need to loosen the two side fasteners 1-2 turns in order to give the adjusting screw more room to adjust.

18. Go for a ride!

19. After 50 miles re-torque lug nuts to Torque Value listed below

General Notes:

- Lug Nuts - HD Torque Value 90-100 ft lbs.
- Bracket Bolts - HD Torque Value 41-45 ft lbs. Blue (medium) threadlocker
- Shock Bolts - HD Torque Value 55-60 ft lbs. Red (High Strength) threadlocker
- The rider’s safety depends on the correct installation of this kit. Please do not attempt if you have any doubts of your ability to install.
- For safety, it is imperative that the back of the trike is supported by TWO jack stands, as far apart as can be on cross member, while removing and installing rear tires. At the same time, the front wheel must be held stationary by whichever method you used in Step 1 above.
- **For 2014 - Up Tri-Glides & Freewheelers** you will need to remove the two allen fasteners holding the parking brake bracket in order to get to the left side shock mount bracket.
- Installing this lift will result in a slight weight distribution change on your Tri-Glide. It will handle better and ride better. However, Exercise caution as you get accustomed to the improved/different handling characteristics.
- Because the shocks are positioned further back on the swingarm, there is more leverage on them, resulting in a smoother ride. However, you will need to adjust the PSI in the shocks to take full advantage. As little as 2 lbs PSI makes a difference in ride quality, so experiment to find what PSI is best for you.

This is a video on You Tube so that you see the install:
https://www.youtube.com/watch?v=NEjeZ3mILqw