

**Thanks for Ordering
The VLX (VT-600) Front Wheel Adapter
from**



READ THIS BEFORE UNPACKING YOUR KIT!

This instruction booklet contains detailed steps for installation of your VLX (VT-600) Front Wheel Adapter kit. If you have any questions concerning installation of your Front Wheel Adapter kit, please contact us via e-mail at support@scootworks.com. This will ensure you receive the most prompt and accurate reply.

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Instructions for Installation of the VLX (VT-600) Front Wheel Adapter kit

Tools Needed:

- 6mm Allen Wrench
- 17mm Allen Wrench
- 3/16" Allen Wrench
- Torque Wrench (recommended)
- Bike lift, or means of raising front wheel from ground
- Blue (semi-permanent or medium strength loctite)
- Small amount of automotive grease

Installation of the front wheel adapter kit requires a bit of coordination, so take your time, and get a helper to assist you to make it easier. Be sure to contact us at Tech Support (support@ScootWorks.com) if you have *any* questions about this installation!

UNPACKING!

The shipping container and contents must be inspected by the purchaser for damage to goods immediately upon receipt of goods, and a claim must be filed with the carrier if damage is discovered. The purchaser must contact Scootworks within 24 hours from receipt of damaged goods to file a claim, and for further instructions. Your Scootworks Honda VLX (VT-600) front wheel adapter kit should contain the following parts: 2 thin wall tubular axle spacers (1 wide and 1 thin), 1 axle, 1 speedometer cable, 1 speedometer drive, the polished brake rotor adapter plate, 5 ea. 5/16"x 1 1/2" bolts, sample packet of Luster Lace billet polish, 1 cable tie and these printed instructions.

BEGIN INSTALLATION...

1. Using a 6mm Allen wrench, loosen the 2 front axle pinch bolts on the right side of the lower fork leg. Loosen bolts 4 or 5 turns.
2. Using a 17mm Allen wrench, **slightly** loosen the front axle from the right side of the bike. Having the front wheel on the ground will help you in loosening the axle. Do not remove the axle at this time!
3. Loosen and remove the speedometer cable from the back of the speedometer on your handlebars. Pull the speedometer cable all the way out of the front fork. Remove the cable from the speedometer drive on your front wheel (note the position of the connection as it will be similar on your new drive installation). This speedometer cable or speedometer drive will not be needed on your new wheel installation.
4. Block the back wheel to prevent the bike from rolling backwards, and raise the motorcycle's front wheel off of the ground, so the wheel spins freely. You can do this with a motorcycle lift placed under the front portion of the motorcycle frame. Contact Scootworks to purchase a lift if you don't have access to one. **Ensure the bike is stable and will not fall before proceeding further!**

5. Using the 17mm Allen wrench, finish loosening the front axle until it is completely free from the left side of the lower fork. Hold onto the front wheel and slowly remove the axle from the front fork. Be careful not to let the wheel drop. Having a helper hold the wheel for you as you remove the axle will ease the removal. Slide the brake rotor out of the calipers. NOTE: be careful not to operate the front brake controls with the brake rotor removed from the calipers.
6. With the wheel removed from the front forks, lay the wheel on a padded or cushioned surface with the brake rotor facing upwards. Using a 6mm Allen wrench, remove the 5 Allen bolts from the brake rotor. (The bolts are sometimes installed with loctite, and may require heating with a small torch to loosen the loctite). Remove the brake rotor from the wheel. Place the wheel to the side. Clean up the bolts as you will reuse them later.
7. Take your new custom wheel that you will be installing on your bike and place it on a cushioned or padded surface to prevent scratching. Turn it so that the side where the brake rotor attaches is facing upward.
8. Ensure the brake rotor mounting holes on the wheel are clean and free of oil or grease. Clean with alcohol if needed, then let dry. Place your new brake rotor adapter plate onto the wheel with the flat side against the wheel. Apply a small amount of medium strength (blue) loctite on each of the 5/16" Allen bolts supplied with your kit and install through the new rotor adapter plate and into the wheel. Tighten with a 3/16" Allen wrench until snug. When all bolts are installed, tighten in a star pattern, and torque to 25-30 ft. lbs.
9. Install your brake rotor onto the new brake rotor adapter using the original bolts you removed in step 6. Apply a small amount of medium strength loctite to each bolt and install through the brake rotor into the new brake rotor adapter. Tighten in a star pattern, and torque to 25-30 ft. lbs.
10. It is now time to install your new wheel/rotor adapter onto your bike. It is easiest to accomplish this with a helper, as it takes some coordination to get the wheel, brake rotor and spacers into place. Apply a thin coat of grease to the axle. Lift the front wheel into place between the front forks, aligning the brake rotor into the caliper. The caliper floats from left to right and can be moved into the proper position. If the caliper is closed, pry the brake pads apart so that the rotor will slide into the caliper.
11. Insert the new axle into the right side of the lower fork, and as you start inserting it through the fork, place the wide axle spacer onto the axle next to the wheel, then insert the axle into the wheel. Place the thin axle spacer against the other side of the wheel, then place the new speedometer drive against the thin spacer (The speedometer drive pick-up leg will be facing the inside towards the new wheel adapter). Slowly push the axle through the thin spacer and speedometer drive, aligning the speedometer drive pick-up leg with the slot machined into the rotor adapter and then slowly push the axle into the left fork leg. **The order of parts is this- (from right side of the bike to the left): wide axle spacer, wheel, thin axle spacer, speedometer drive.** Ensure the speedometer drive is aligned so that the cable attachment is at the bottom of the fork leg, angled just slightly upwards. (you may need to adjust it slightly depending on your bike)
12. Tighten the axle until snug. Ensure the front wheel and brake rotor spins freely. Ensure that the speedometer drive does not spin on the axle. Then tighten the axle with the 17mm Allen wrench and torque to 54 ft. lbs. Check again that the front wheel spins freely.

13. Route the small end of the speedometer cable through the fork and the grommets, and then into the speedometer drive at the lower fork leg. Install the speedometer cable onto the speedometer drive on your lower fork leg. Secure the cable to the caliper or brake line with the cable tie supplied with the kit. Ensure that the brake operates freely. Connect the big connector of the speedometer cable to the speedometer on the handlebars.
14. Again, verify the front wheel spins freely, the speedometer is operating, the front brake operates smoothly without binding and that nothing is rubbing the fork legs, speedometer cable, bolts or fender. There may be a slight rubbing of the rotor in the caliper, this is normal. NOTE: The front wheel and brake rotor should rotate without any noticeable wobble. **Do not ride your bike if you notice any problems with the fit of the wheel or wheel adapter kit. Contact Scootworks for technical assistance before attempting to ride if you think there may be a problem.**
15. Lower the bike from the lift. Tighten the 2 lower front axle pinch bolts with the 6mm Allen wrench, and torque to 16 ft. lbs. **The bike should not be ridden for at least 6 hours to allow the loctite on the new rotor adapter to properly cure.** This is a good time to take some photos of your bike to send to us and your friends! Send your photos to webmaster@scootworks.com and we'll put it in the "Photo Gallery" section of our website.
16. **It's now time to enjoy your new front wheel on your VLX!** If you have any questions about your wheel kit or the installation of it, contact our tech support at support@scootworks.com or call us at (919) 269-0986 for assistance.
17. As with any proper maintenance program, you should periodically check all bolts on your motorcycle to ensure they are properly tightened. Keep the beautiful finish on your new front wheel rotor adapter and axle spacers with Luster Lace billet polish and sealant.