

YAMAHA V-STAR 1300 WHEEL KIT (VS13-WHLK) INSTALLATION INSTRUCTIONS

WARNING: This installation requires lifting of the motorcycle. Serious injury can result from an improperly secured motorcycle. Ensure that the motorcycle is securely supported during this procedure.

FRONT WHEEL REMOVAL/INSTALLATION

1. Place motorcycle on a suitable lift/jack and raise front wheel off the ground.
2. Remove the brake caliper from each fork leg (2 12mm bolts on each side)
3. Loosen the fork/axle pinch bolt on the right fork leg (6mm allen head)
4. Loosen the axle (22mm), slide axle out and remove wheel. Retain the stock spacers for use with the new BRITT wheel.
5. Remove the stock brake rotors.(Be careful not to strip out the bolt heads. Heat will aid in releasing the thread locking compound).
6. Install the stock rotors on the new BRITT wheel utilizing the stock rotor bolts removed in the previous step and tighten (17 Ft-Lb).
7. Position the new wheel in the forks and slide in the axle while utilizing the stock wheel spacers.
8. Tighten the axle (43 Ft-Lb) and the fork/axle pinch bolt (14 Ft-Lb).
9. Re-install the front brake calipers and tighten the caliper bolts (29 Ft-Lb)

REAR WHEEL REMOVAL/INSTALLATION

Note: This procedure should be done while the rear fender is removed.

1. Place motorcycle on a suitable lift/jack and raise rear wheel off the ground.
2. Remove the rear brake caliper and brake pads.
3. Loosen the drive belt adjuster on both sides of the swing arm.
4. Loosen and remove the rear axle nut (27mm) and washer.
5. Slide out the rear axle and retain the stock spacers and belt adjuster plates.
6. Remove the rear brake caliper bracket and remove the rear wheel from the motorcycle.
7. Remove the stock brake rotor.(Be careful not to strip out the bolt heads. Heat will aid in releasing the thread locking compound).
8. Install the stock rotor on the new BRITT wheel utilizing the stock rotor bolts removed in the previous step and tighten (17 Ft-Lb).
9. Install the new BRITT matching drive pulley with the supplied socket head bolts (64 Ft-Lb)
10. Position the new BRITT wheel and the caliper bracket into the swing arm .
11. Slide in the rear axle from the left side, utilizing all stock spacers and belt adjuster plate in the same order they were before removal.
12. Install the axle washer and axle nut (only finger tighten the nut at this time).
13. Install the rear brake caliper and brake pads.
14. Adjust the belt tension ($\frac{1}{4}$ " movement @ 10 lbs pressure) with the adjusting bolts and tighten the adjuster lock-nuts (10 Ft-Lbs).
15. Tighten the rear axle nut (110 Ft-Lb)

CAUTION: Be sure and pump up the front and rear brakes before attempting to ride the motorcycle.

**** We recommend the use of thread-locking compound on ALL fasteners****

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