

V-Brake Adjustment Guide

Required Tools

Allen wrenches

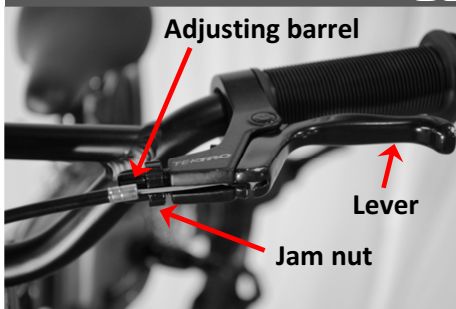
Philips or flat screwdriver

Align Brake Pads Parallel to Rim



- Loosen brake pad with 5mm allen wrench.
- Press brake arm and brake pad into the wheel rim.
- Align brake pad parallel to rim.
- Tighten brake pad to brake arm with allen wrench.

Connect Top of Cable to Lever



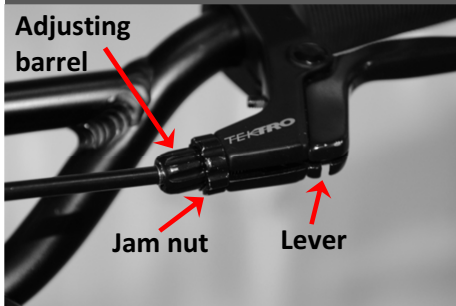
- The front brake cable connects to the left brake lever, while the rear brake cable connects to the right brake lever
- Unthread the adjusting barrel on the brake lever a couple turns. Align the slots in the adjusting barrel, the jam nut and the lever.
- Insert the head of the brake cable into the hole in the lever.
- Insert the cable into the slots in the jam nut and adjusting barrel.
- Thread the adjusting barrel all the way into the lever.

Adjust Lever Reach



- Use a 2mm allen wrench to adjust reach with set screw.
- Ensure lever is well within reach of child's grasp.
- Ensure there is still enough room to pull lever distance required for effective braking action without interfering with fingers on grips or grips themselves.

Adjust Cable Tension



- Adjust cable tension to provide effective stopping power.
- To increase cable tension, turn adjusting barrel counter clockwise; to decrease cable tension, turn adjusting barrel clockwise.
- When cable tension properly adjusted, turn jam nut to rest against lever body.
- If additional tension adjustment is required, loosen pinch bolt on brake arm and adjust where bolt pinches cable.

These instructions are to be used as a guide only. Improperly installed parts may lead to severe injury or death. Spawn Cycles recommends that all bike assembly, tuning and repairs be performed by a qualified bicycle mechanic.

Balance Brake



- Use a Philips or flat screwdriver to balance brake adjustment.
- Turning a spring tension adjustment screw clockwise on one arm will pull both arms in that direction.
- In conjunction with adjusting cable tension, adjust spring tension adjustment screws so that each brake pad has 1-2mm clearance from rim.

Tuck-In Cable



- Tuck extra cable in behind catch on brake arm.

Opening and Closing a V-Brake



Slide Rubber Bellows to right



Squeeze Caliper & Pull Noodle Up



Calipers should spring open