

BIOS living

Replacement Brake Instructions

Tools Required:

- 1 pair of needle nose pliers
- Allen Key (Metric size 5)

1. Remove the rear wheel of the side you are replacing the brake cable and handle bar on
 - o Remove the black plastic cover exposing the nut (**Figure 1**)
 - o Using a ½" socket and a size 5 metric Allen key remove the bolt and nut that holds the rear wheel in place
2. Compress spring (**Figure 2**)
3. Using a pair of needle nose pliers pull the metal cap of the brake line down and through the slot in the brake assembly (**Figure 3**)
4. Spin brake adjustment screw off the brake assembly (**Figure 4**)
5. Remove handle and brake cable from frame
6. Locate aluminum bolt and slotted nut on handle where the brake cable runs through and into the handle bar
7. Line up the slots on both the bolt and nut (**Figure 5**)
8. Slide the brake cable out through these slots with one hand while holding the bottom handle grip of handle bar, thus allowing the handle grip to slide backwards away from the handle bar (**Figure 6**)
9. Gently slide the brake cable out of its housing space being careful not to remove the spring from the reverse side
10. Insert and screw the brake screw all the way through the top half of brake assembly (**Figure 7**)
11. Slide the spring over the brake cable between the two halves of the brake assembly
12. Slide the metal cap of the brake line back through the slotted portion of the brake assembly (**Figure 8**)
13. Reattach the brake cable into its house spacing inside the handle grip
14. Reinsert the handle grip back through the handle bar with the spring side facing out
15. Pull the brake cable to compress the spring so that the brake cable can be reinserted back through the slotted bolt and nut. (This step may require some force and is recommended for this step to have two people, one to pull the cable and the other to compress the brake assembly) (**Figure 9**)
16. Insert the handle bar back into the frame
17. Adjust the brake adjustment screw located by the rear wheel to compress the brake assembly to desired level



Figure 1

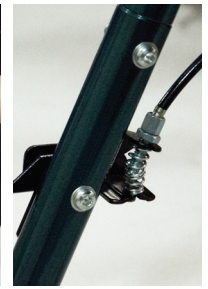


Figure 2



Figure 3

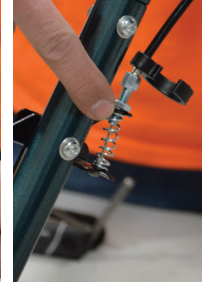


Figure 4



Figure 5



Figure 6



Figure 7

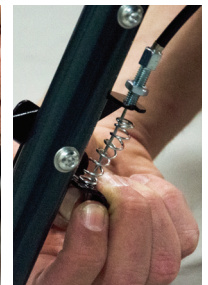


Figure 8



Figure 9

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