



# Kitty Cat Brake Replacement Kit

## Installation Instructions

**NOTE:** Please review the parts list on the back page to ensure you received all the parts needed. Depending on the model year, some parts may not be required. If you are missing something you need, please contact tech support at 651-395-2296 option 3.

- 1) Disconnect the existing brake cable from the brake band and remove the existing brake assembly; then remove the existing brake bracket from the front frame.
- 2) Remove the existing chain tightener assembly. If replacing a 1972 brake assembly you'll need to cut off the chain tightener stud and grind flush.
- 3) Place the new brake band {17}, washer {12}, and spacer {13} into position on the brake bracket {1} and secure with the 2" 5/16" bolt {2} (inserted from the outside of the bracket) and lock nut {3}. Tighten to 12 ft-lb; then back off 1/4 turn.

**NOTE:** It may be necessary to slightly spread the bracket {1} in order to position the brake band {17}, washer {12}, and spacer {13}.

**NOTE:** The washer must be positioned between the spacer and the brake band.

- 4) Remove the existing brake cable from the brake lever and install the new brake cable {18}.

- 5) If not already installed, thread the flange nuts {19} onto the brake cable stud {18} as far as possible; then position the brake cable on the brake bracket {1}. Tighten the flange nuts securely. Slip the coiled compression spring {20} over the brake cable {18} and thread onto the brake cable end.

- 6) Slide the end of the brake band {17} onto the brake cable stud {18} and temporarily secure with the cable jam nuts {21}. You will adjust the final jam nut position in a later step.

- 7) Remove the brake assembly.

- 8) If your Kitty Cat has the 3/8" welded nuts installed on the inside of the front frame, use those to mount the brake bracket using the 3/8" bolts {5} and 3/8" lock washers {6} and skip step #9.

- 9) If your Kitty Cat does not have 3/8" welded nuts installed on the inside of the front frame; using a 3/8" drill bit, drill the mounting holes through the front frame.

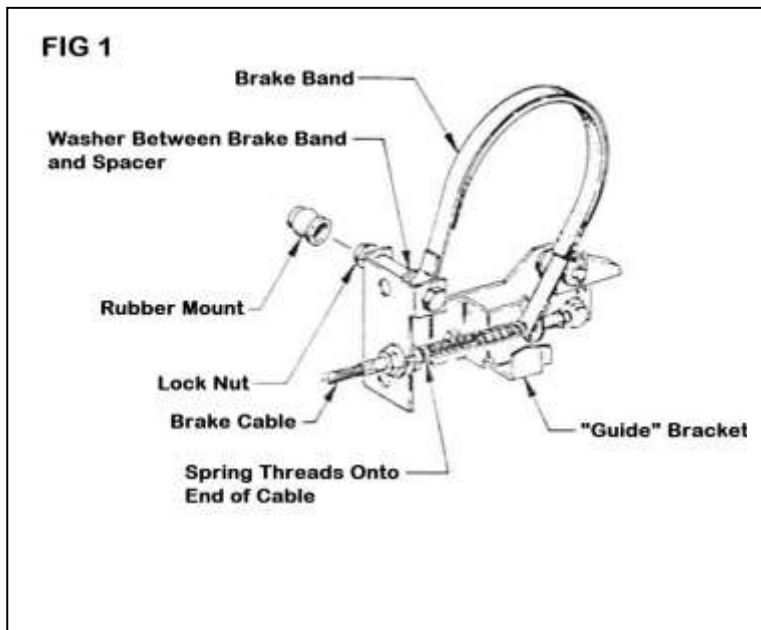
- 10) Place the brake assembly into position and install the nylon end cap {4} onto the threaded end of the 5/16 x 2" brake band mounting bolt {2}. Place the brake position bracket {7} onto a 3/8 x .75" bolt {5} and lock washer {6} and install in the forward mounting hole; then install the other bolt and lock washer.

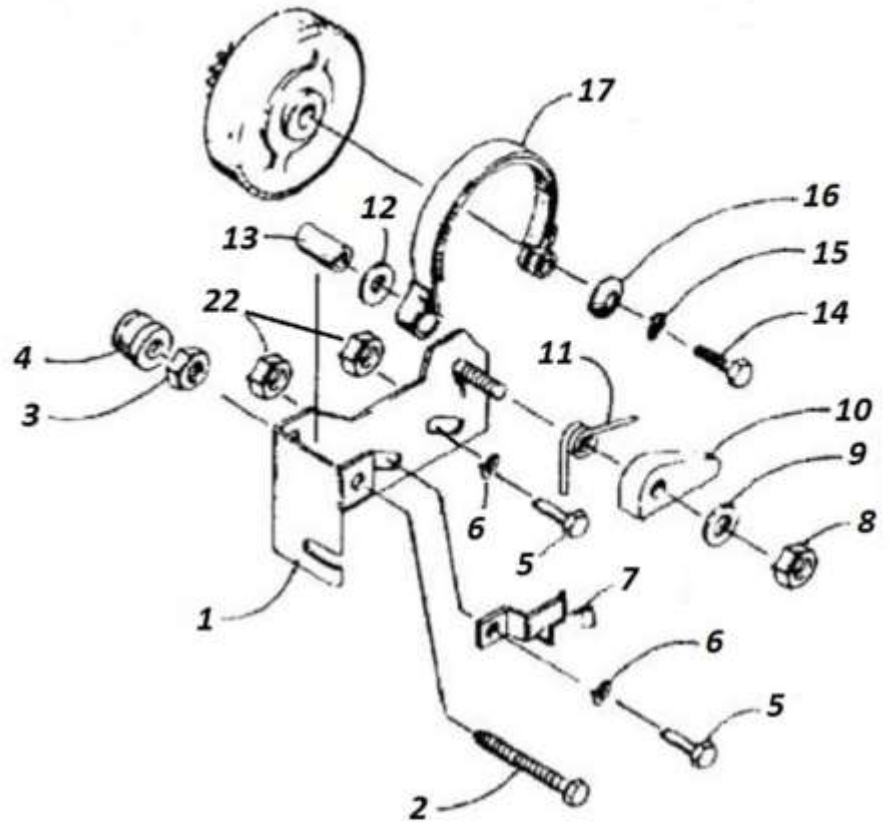
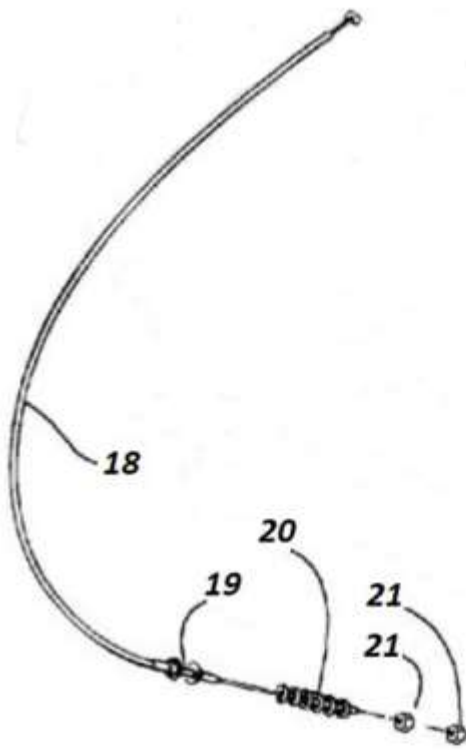
**NOTE:** If you drilled 3/8" holes secure the assembly with two 3/8" lock nuts {3} and no lock washers. Tighten securely.

- 11) Adjust the inside brake cable jam nut {21} to obtain 1/4-1/2 inch brake lever travel; then secure the other jam nut {21} against the inside jam nut and tighten.

- 12) Place in this order on the chain tightener stud; install the idler spring {11}, chain tightener puck {10}, and three washers {9}. Secure with 1/4-20 lock nut {8}. Make sure the chain tensioner assembly operates properly.

- 13) Secure the brake cable to the handlebar with the supplied cable ties. Make sure the bracket operates properly.





ID	Name	Quantity	ID	Name	Quantity
1	Brake Bracket	1	13	Aluminum Spacer	1
2	Bolt (5/16-18 x 2)	1	14	Bolt (1/4-28 x .5) <i>Sold Separately</i>	8004-037
3	Lock nut (5/16-18 Nyloc)	1	15	Spring Washer (1/4) <i>Sold Separately</i>	8051-212
4	Nylon End Cap	1	16	Cup Washer (1/4) <i>Sold Separately</i>	0123-765
5	Bolt (3/8-16 x .75)	2	17	Brake Band	1
6	Spring Washer (3/8)	2	18	Brake Cable	1
7	Position Bracket	1	19	Flange Nut (5/16-24) <i>Pre-installed</i>	2
8	Lock Nut (1/4-20)	1	20	Compression Return Spring	1
9	Washer (1/4)	3	21	Jam Nut (1/4-20)	2
10	Tensioner Puck (Black)	1	22	Lock Nut (3/8-16)	2
11	Tensioner Spring	1	23	Zip Tie - 8" Black	2
12	Washer (5/16)	1	24	Instructions	1

*NOTE: The position bracket (#7) is not a required part for the brake assembly as it was not used for earlier Kitty Cat models. However, we'd have included it in this kit but Arctic Cat discontinued the product. We may remanufacture it at a later date.*

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