

Rebuild Grizzly Mill

20/3/15

Grizzly

Model G0720R

Heavy-Duty Benchtop mill

As detailed in some other documents on this website I have had major problems with the G0720R mill from Grizzly. The first model I had did break down several times after a few months and was warrantee replaced by Grizzly. About a year later the same problems with the exchange system, now the warrantee was expired. On an engineering forum/website

<http://www.cnczone.com/forums/benchtop-machines/220122-g0720r-inverter-died.html>

I found the suggestion just to replace the motor and controller boards with something that actually works properly.

I followed that idea.

Some photos are given below.

It is probably not necessary to mention that I personally will never ever purchase again a machine from Grizzly. That's of course just my opinion.

Uwe Burghaus

www.LatheCity.com

Components you need:



www.AutomationDirect.com

Motor 1P5-3BD36 \$114

Control GS2-22PO \$251

Free shipping.



| IRONHORSE | | GENERAL PURPOSE INDUSTRIAL MOTOR | | 215302 | |   | |
|---------------------------------|-------------|----------------------------------|---------------|-----------------------------|---------------------|--|---------------------|
| HP: | 1.5 | Model: | MTR-1P5-3BD36 | LOW VOLT | | HIGH VOLT | |
| RPM: | 3450 | Ser.#: | 44080328 | BLUE(T1) — LINE 1 | BLUE(T1) — LINE 1 | WHITE(T2) — LINE 2 | WHITE(T2) — LINE 2 |
| PH: | 3 Hz: 60 | Duty: | CONT. | BROWN(T7) — LINE 2 | ORANGE(T3) — LINE 3 | ORANGE(T3) — LINE 3 | ORANGE(T3) — LINE 3 |
| VOLT: | 208~230/460 | S.F.: | 1.15 | RED(T8) — LINE 3 | YELLOW(T4) — INS | BROWN(T7) — INS | BROWN(T7) — INS |
| AMB: | 40°C | CODE: | D | ORANGE(T3) — LINE 3 | YEL/BLK(T9) — INS | BLACK(T5) — INS | BLACK(T5) — INS |
| FR.: | 56C | INS.CL.: | F | YELLOW(T4) — INS | BLACK(T5) — INS | RED(T8) — INS | RED(T8) — INS |
| ENCL.: | TEFC | FL AMPS: | 4.8~4.6/2.3 | BLACK(T5) — INS | GRAY(T6) — INS | GRAY(T6) — INS | GRAY(T6) — INS |
| | | | | GRAY(T6) — INS | YEL/BLK(T9) — INS | YEL/BLK(T9) — INS | YEL/BLK(T9) — INS |
| | | | | Acceptable for Field Wiring | | | |
| WWW.AUTOMATIONDIRECT.COM | | | | | | | |

Made in China



Motor connection



220 V input



