



PIGGYBACK DOVETAIL CDK17 & CDK20

Contents:

1. 1x 16" long dovetail bar (PW#200373)
2. 2x Dovetail Mounting Bracket (PW#200374)
3. 2x 3/8-16 x 7/8" Button Head Cap Screws (McMaster-Carr# 92949A623)
4. 2x 1/4-20 x 3/4" Button Head Cap Screws (McMaster-Carr# 92949A540)
5. 3x 1/4-20 x 5/8" Button Head Cap Screws (McMaster-Carr#92949A539)
6. 2x #8 x .177 x .408 x .06 Nylon Washer (McMaster-Carr#90295A110)
7. 1x 1/4" x .252 x .472 x .06 Nylon Washer (McMaster-Carr#90295A140)
8. 1x Instruction Sheet



Figure 1

Step 1



Figure 2

Attach the mounting bracket, with the radius at the bottom, to the CDK20 backplate using the two $\frac{1}{4}$ -20 x $\frac{3}{4}$ button head cap screws (labeled 4 in figure 1) as shown in figure 2.

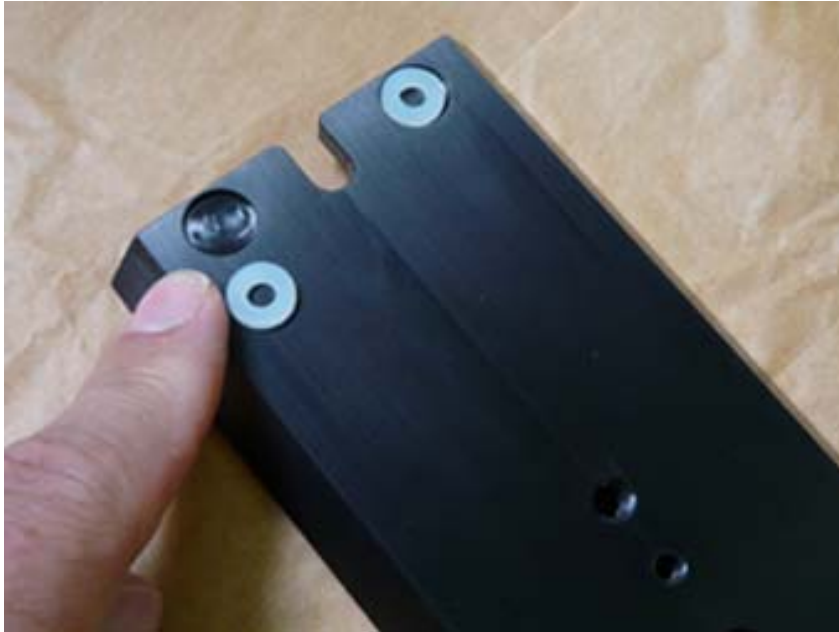
Step 2

Attach the remaining mounting bracket to the CDK20 midring using the two $\frac{3}{8}$ -16 x $\frac{7}{8}$ button head cap screws (labeled 3 in figure 1) as shown in figure 3.



Figure 3

Step 3



Place the dovetail on its back so that you notice the two spot faces (shallow counter bores) where the two small nylon washers are to be placed as seen in figure 4. Note: If you put a little grease on the washers then will stick in the spot face during assembly.

Figure 4



Place the dovetail on top of the mounting brackets. The slotted end (the end with the nylon washers) is mounted on the midring bracket, see figure 5. The nylon washers are to be placed between the mounting bracket and the dovetail. This is meant to slide with thermal changes.

Figure 5

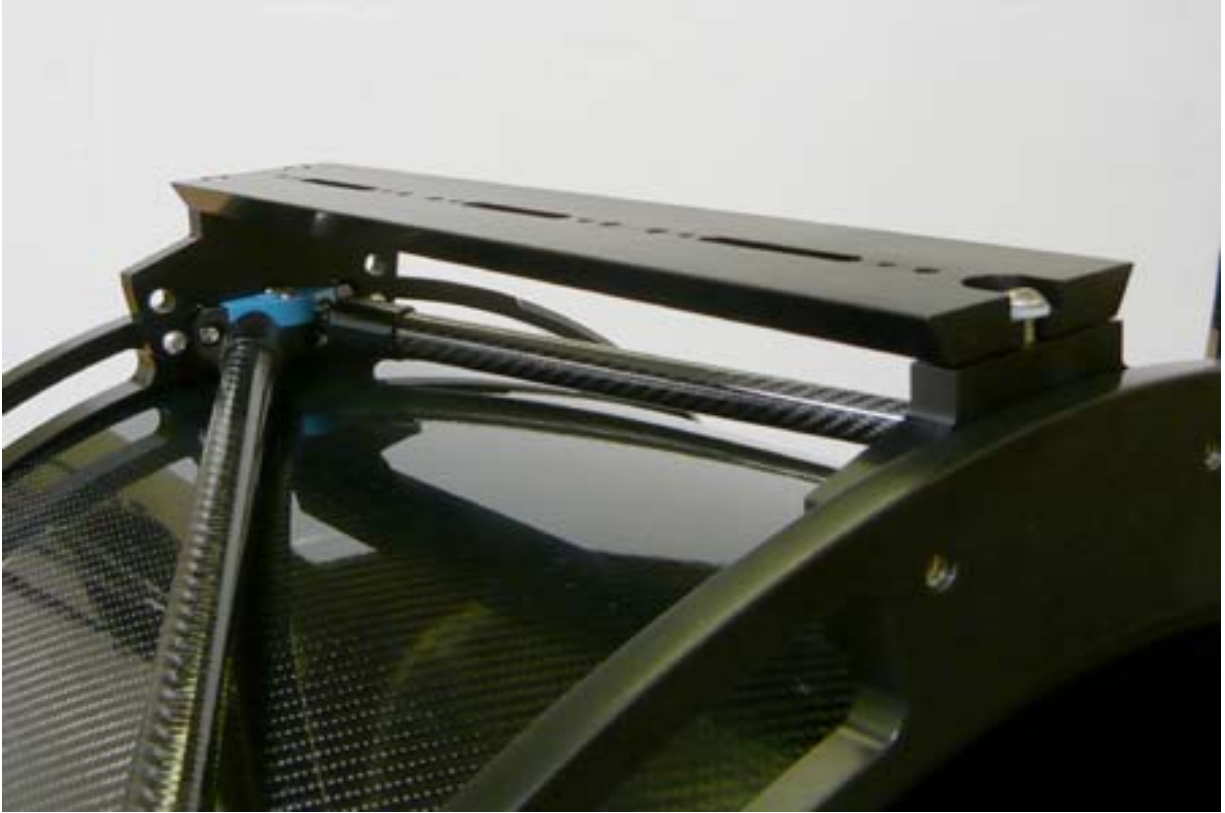
Use two of the ¼-20 x 5/8 button head cap screws (#5 on figure 1) to attach the rear of the dovetail to the rear mounting bracket as shown in figure 6. Use one of the ¼-20 x 5/8 button head cap screws and the larger nylon washer (#7 in figure 1) to secure the front of the dovetail as shown in figure 5.



Figure 6

Step 4

Tighten the rear bolts very tightly. Tighten the front bolt firmly, but do not over tighten. The idea is that as the aluminum dovetail thermally expands and contracts, the nylon surfaces allows slippage so as not to stress the carbon fiber optical tube.



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