

BASE BLOCK ASSEMBLY

Overview

The base block should be removed from the PG1000 system whenever it is being transported.

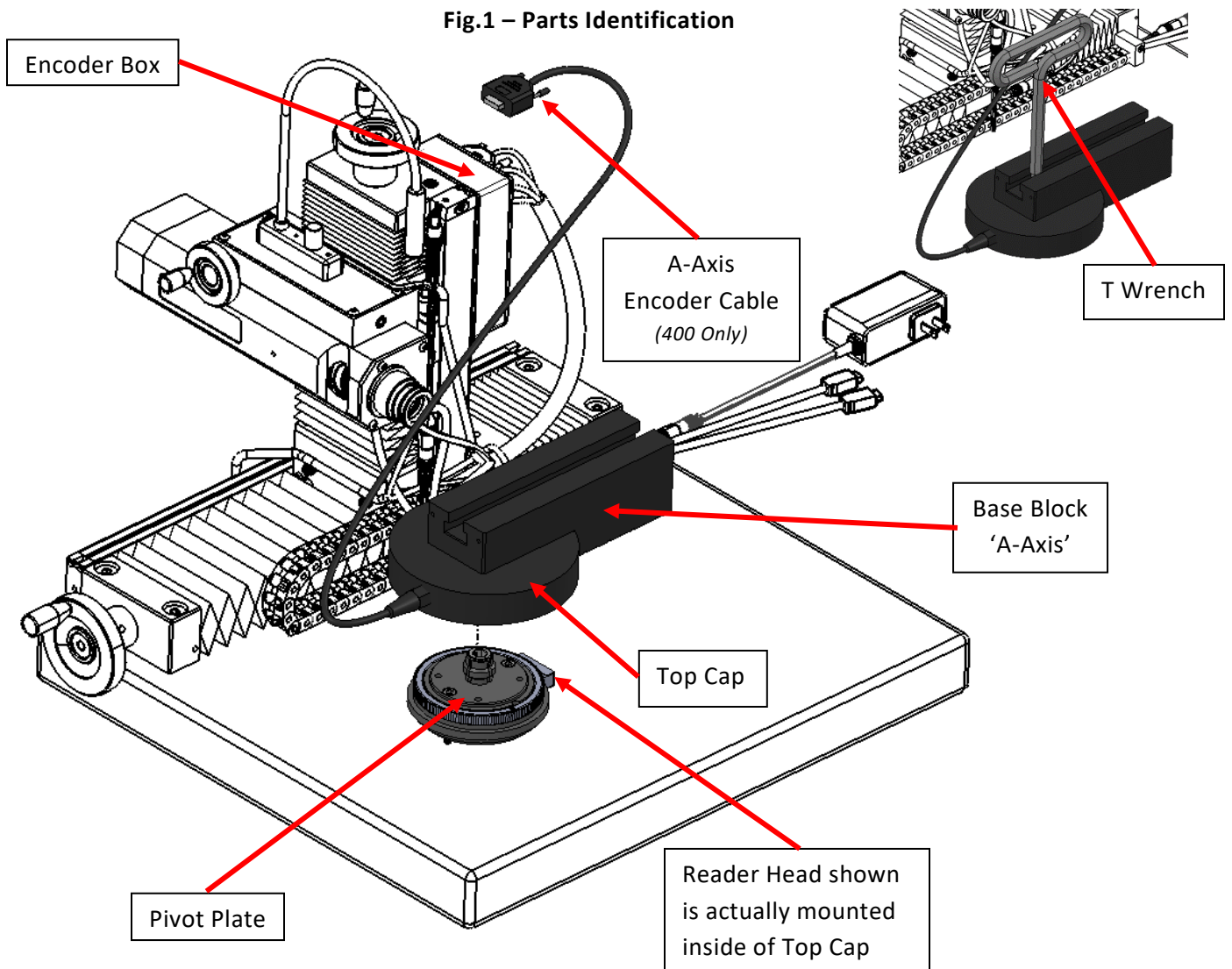
The base block may also need to be removed to clean underneath it or if an adjustment to the A-Axis encoder reader head is necessary.

The purpose of these instructions is to explain the steps necessary to install and secure the base block assembly onto the pivot plate.

Before the base block is reinstalled, clean all steel and granite surfaces with WD-40 or an oil-based lubricant.

Required Tools

- 10mm T Wrench (supplied with PG1000 system)



Carefully align the base block on top of the pivot plate as shown in Fig.2 thru 4. The base block should sit flush on the granite base when installed properly.

Note: Improper alignment can damage the A-Axis encoder reader head and/or A-Axis ring.

Fig.2

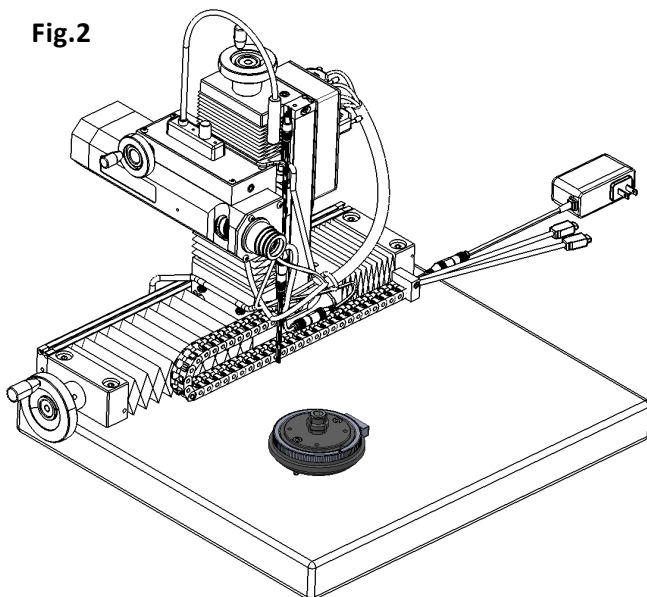


Fig.3

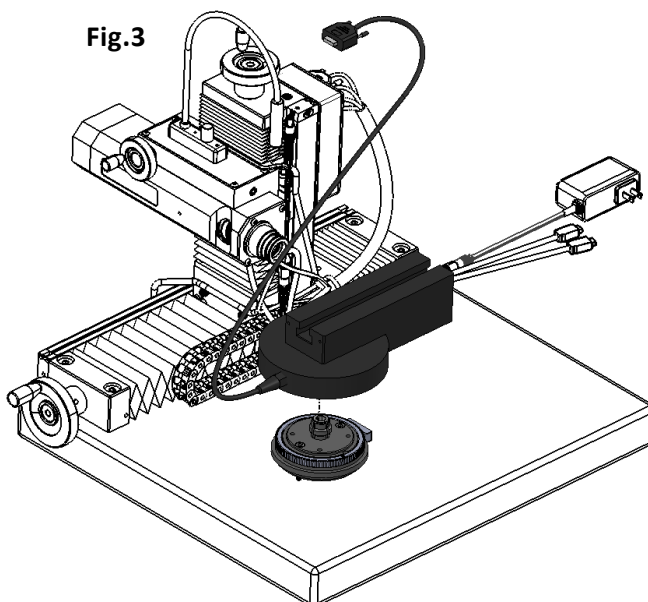
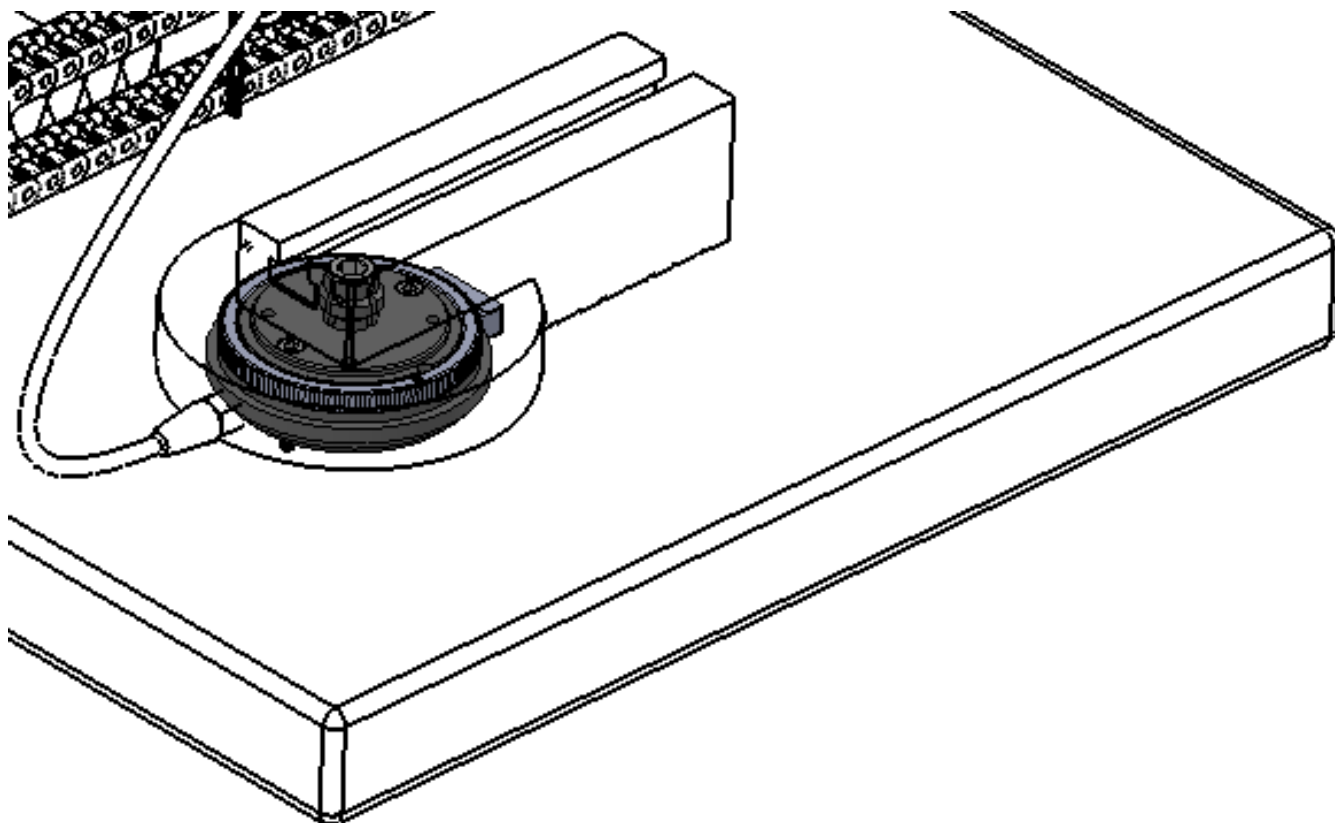
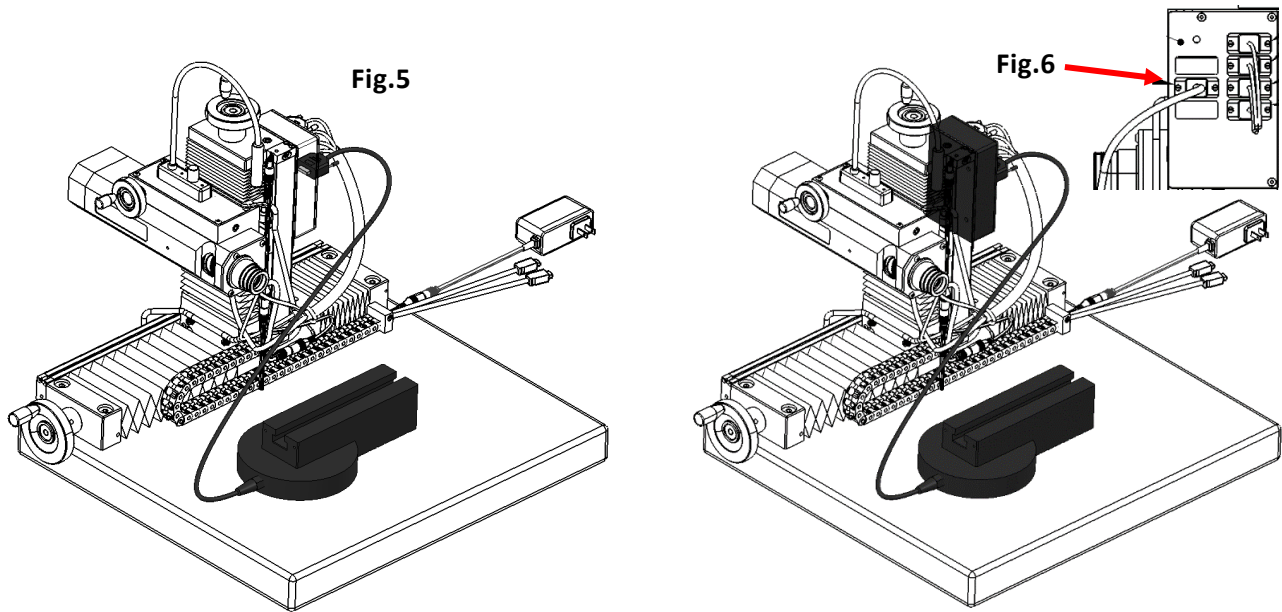


Fig.4



PG1000-400 models equipped with an A-Axis encoder will have an encoder cable attached to the base block that will connect into port #5 on the encoder box as shown in Fig.5&6.



Tighten pivot plate expansion bolt with T wrench as shown in Fig.7&8. Do not overtighten.

Base block should rotate smoothly and freely. Base block should sit flush on the granite base and have no 'slop' or rocking motion.

Note: if it is difficult to rotate the base block, the expansion bolt may need to be loosened or there may be dirt or grit between the base block and granite base.

