

# Accessory Assembly Instruction – 402XE

(For IGES and STEP files)

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General Instructions:

- The files referred to in this document are to be used with the 402XE positioner. The standard 402XE positioner can be obtained by downloading the 402XE .igs (IGES) or .stp (STEP) from Daedal's website, [www.parkermotion.com](http://www.parkermotion.com).
- All files are in .zip format. When unzipping files, be sure to note their location and unzip all files to that location.
- Some of the accessory files are assemblies. These files must be imported as assemblies when using .stp (STEP) format.
- Follow the individual accessory instructions in the following pages.

## Limit/Home Switches

Accessory files to be used:

402XE-T##\_LIMIT\_HOME\_SWITCHES.igs      402XE-T##\_LIMIT\_HOME\_SWITCHES.stp

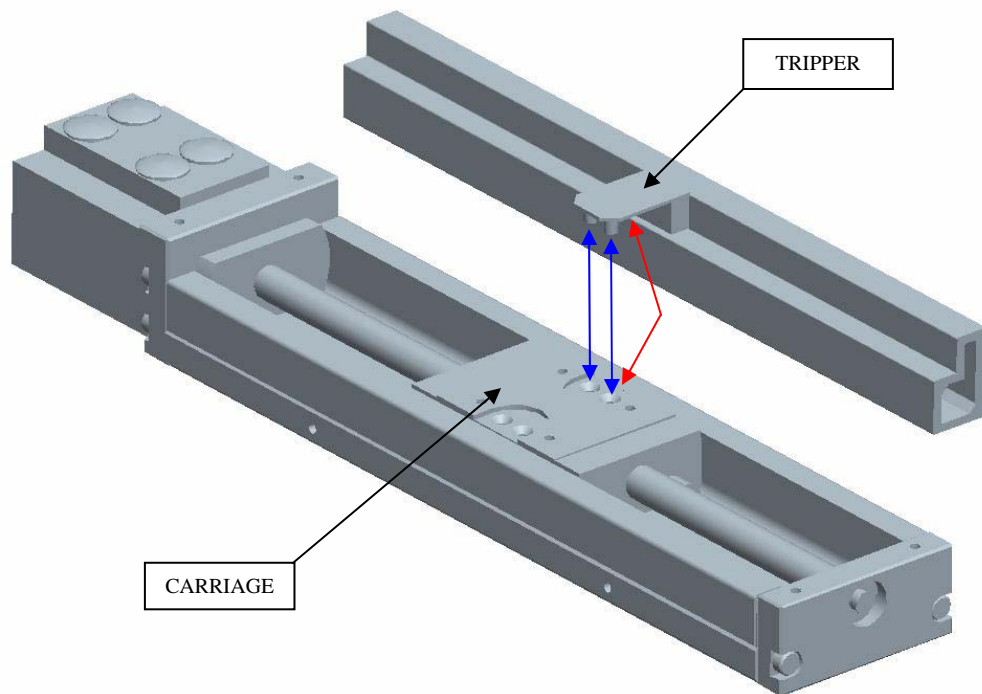
Substitute the travel code number, 01, 02, etc. for the ## characters.

Instructions:

1. Align the holes in the top of carriage with the limit/home switch tripper screws, shown with blue arrows.
2. Mate the surfaces of the carriage and the limit/home switch tripper, shown with red arrows. (Use the bottom surface of the tripper, surface not shown in view below.)

Note:

Standard limit/home switch location is shown below (limit/home switches on left hand side of table when looking at the motor end).



## Sensor Pack

Accessory files to be used:

402XE-T##\_SENSOR\_PACK.igs

402XE-T##\_SENSOR\_PACK.stp

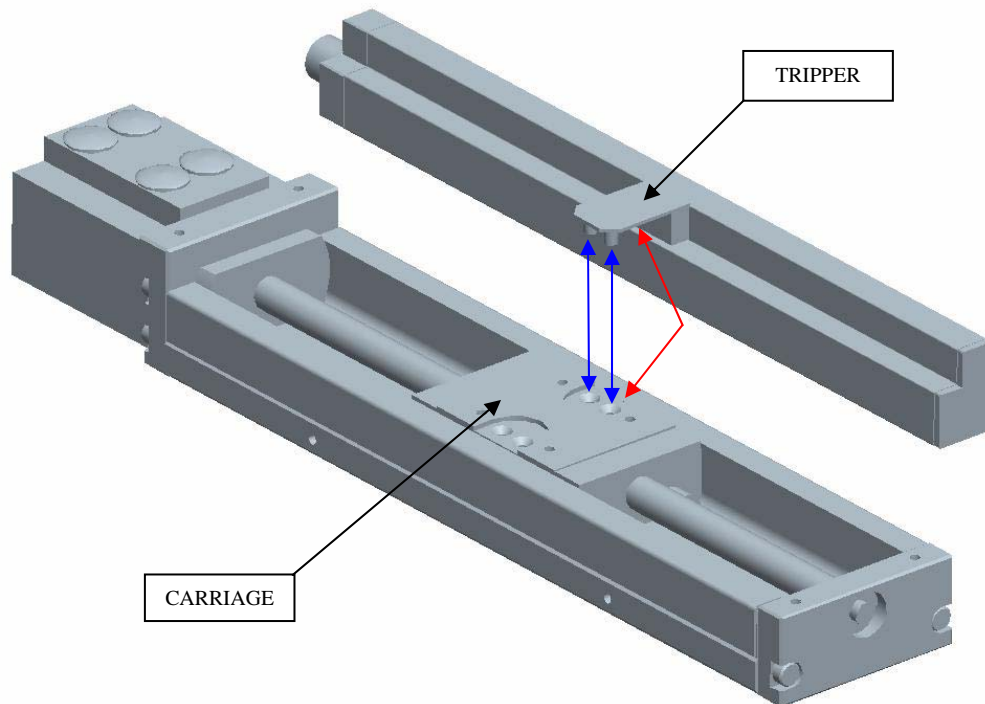
Substitute the travel code number, 01, 02, etc. for the ## characters.

Instructions:

1. Align the holes in top of carriage with the limit/home switch tripper screws, shown with blue arrows.
2. Mate the surfaces of the carriage and the limit/home switch tripper, shown with red arrows. (Use the bottom surface of the tripper, surface not shown in view below.)

Note:

Standard sensor pack location is shown below (sensor pack on left hand side of table when looking at the motor end).



# Cover

Accessory files to be used:

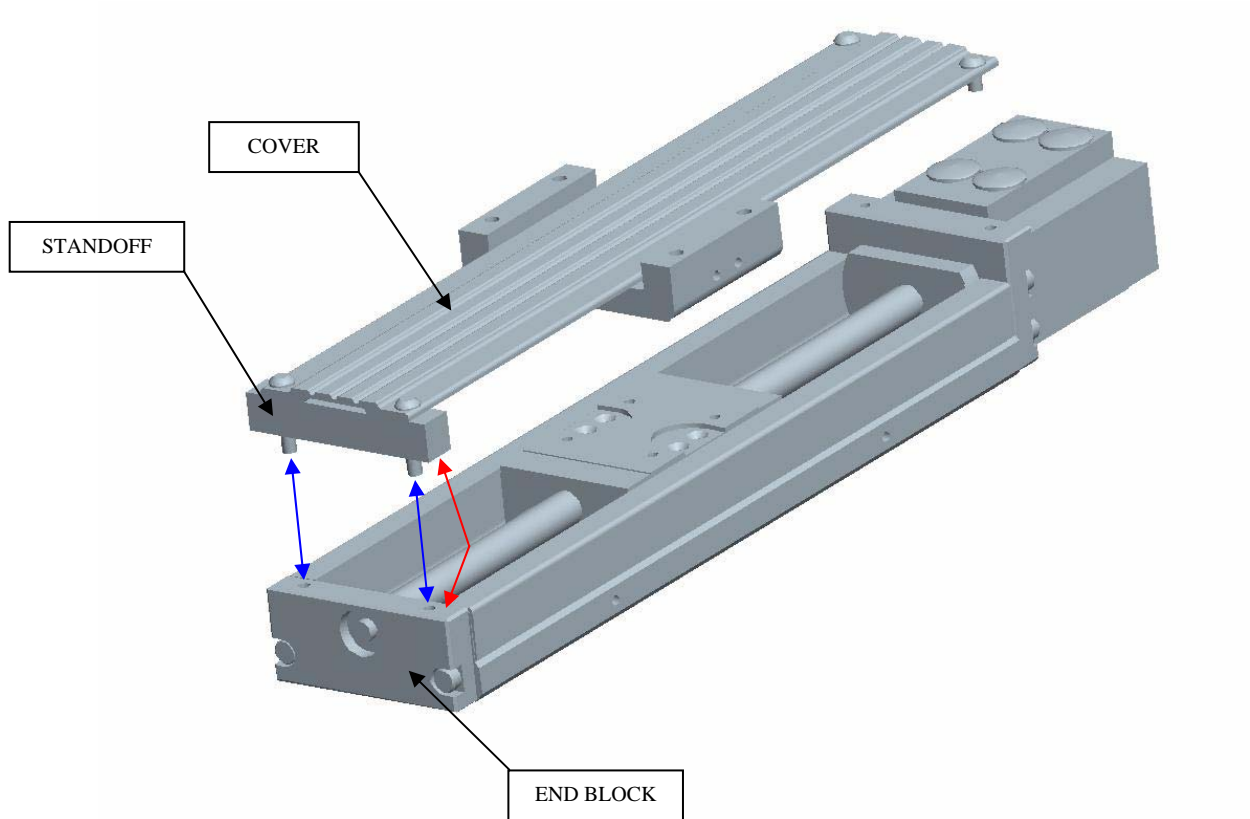
402XE-T##\_COVER.igs

402XE-T##\_COVER.stp

Substitute the travel code number, 01, 02, etc. for the ## characters.

Instructions:

1. Align the holes in the end block with the cover screws, shown with blue arrows.
2. Mate the surfaces of the end block and the cover standoff, shown with red arrows. (Use the bottom surface of the standoff, surface not shown in view below.)



## Motor Adapter

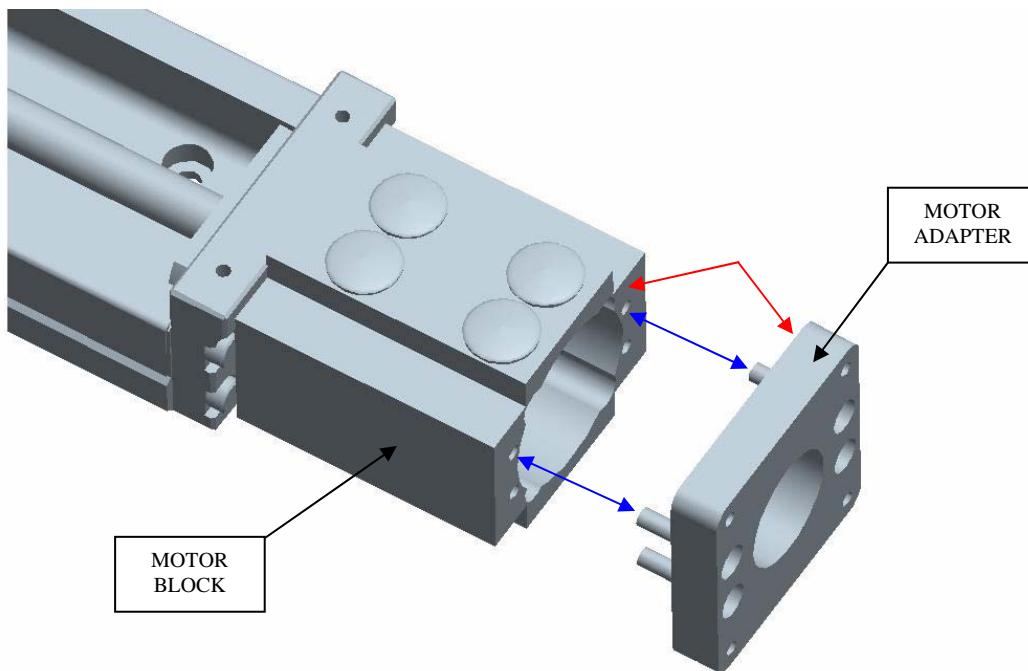
Accessory files to be used:

402XE-M2\_MOTOR\_ADAPTER.igs  
402XE-M3\_MOTOR\_ADAPTER.igs  
402XE-M37\_MOTOR\_ADAPTER.igs  
402XE-M61\_MOTOR\_ADAPTER.igs

402XE-M2\_MOTOR\_ADAPTER.stp  
402XE-M3\_MOTOR\_ADAPTER.stp  
402XE-M37\_MOTOR\_ADAPTER.stp  
402XE-M61\_MOTOR\_ADAPTER.stp

Instructions:

1. Align the holes in the motor block with the motor adapter screws, shown with blue arrows.
2. Mate the surfaces of the motor block and the motor adapter, shown with red arrows. (Use the back surface of the motor adapter, surface not shown in view below.)



# Motor

Accessory files to be used:

402XE-M41\_MOTOR.igs  
402XE-M46\_MOTOR.igs

402XE-M41\_MOTOR.stp  
402XE-M46\_MOTOR.stp

Instructions:

1. Align the holes in the motor block with the motor adapter screws, shown with blue arrows.
2. Mate the surfaces of the motor block and the motor adapter, shown with red arrows. (Use the back surface of the motor adapter, surface not shown in view below.)

Note:

Standard motor orientation is shown below (motor cables exiting toward left hand side of table when looking at the motor end).

