

CR40 p/n CR40-ALIGNTOOL

Alignment Tool Instructions



TPA Motion
LINEAR MOTION SOLUTIONS

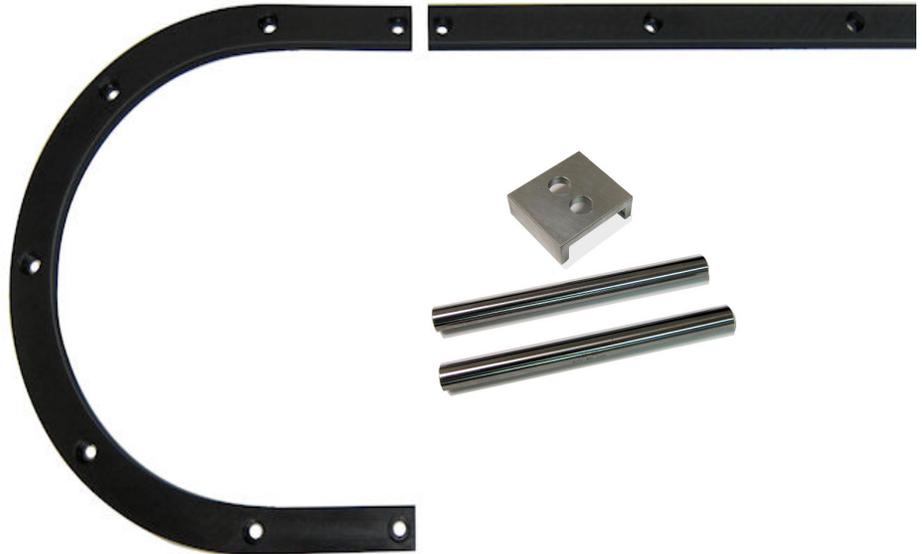
800-284-9784

Steps for proper rail section alignment are listed below.

Pictured right is one straight rail section, one 180 degree turn section and one alignment tool.

It is important that the surface you wish to mount each rail section is flat, is of significant stiffness, and structurally capable of supporting each rail section making the assembly.

The best support structure is a machined base plate, however, some customers have successfully supported the rails via a tubular steel structure.



Step #1 Bring rails into close alignment with one positioning rod on each side.



Step #2 Align rods with "V" groove in each rail as shown.



Step #3 While holding rods push rail sections together to close the gap.



Step #4 Align aluminum cap with rail holes and the 1/2" diameter rods.





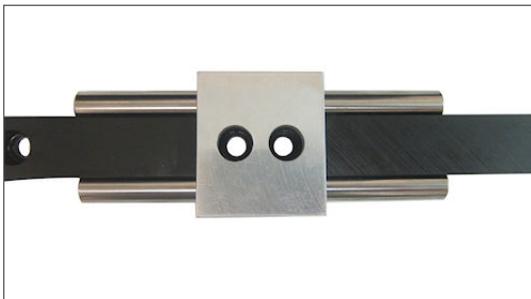
Step #5 Aluminum cap should now appear as shown below.



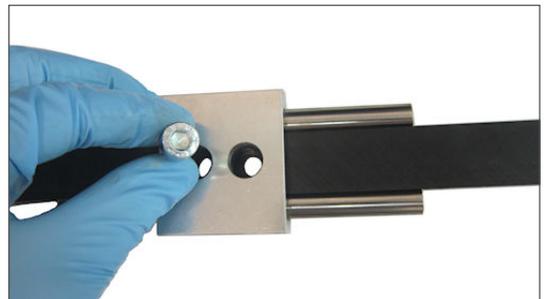
Step #6 Press cap firmly over rods to bring the "V" groove of each rail into alignment.



Step #7 With cap in place you are now ready to insert the socket head fasteners.



Step #8 Use M8 size Socket Head Cap Screws to fasten rail to structure.



Step #9 Add second fastener and remove all components of the alignment tool.

