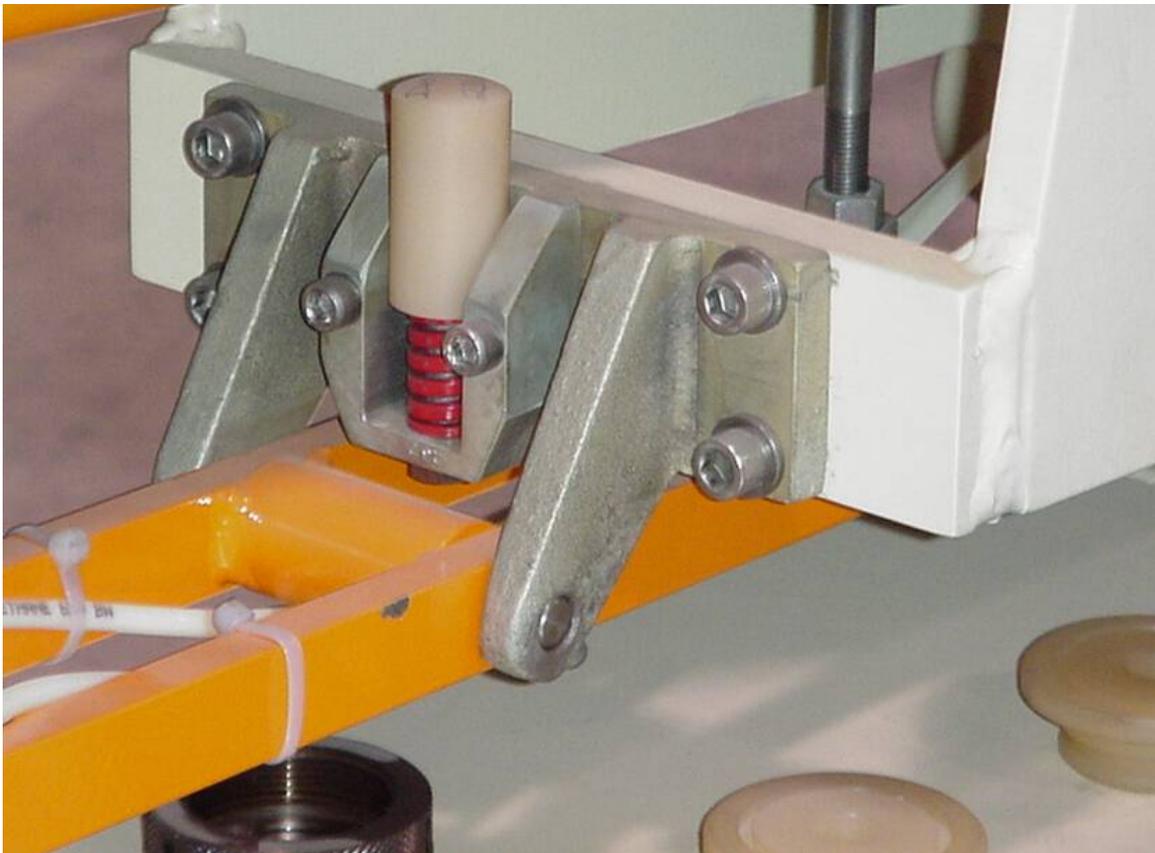


TAC-200-279-D Upper Arm Tension Spring Upgrade

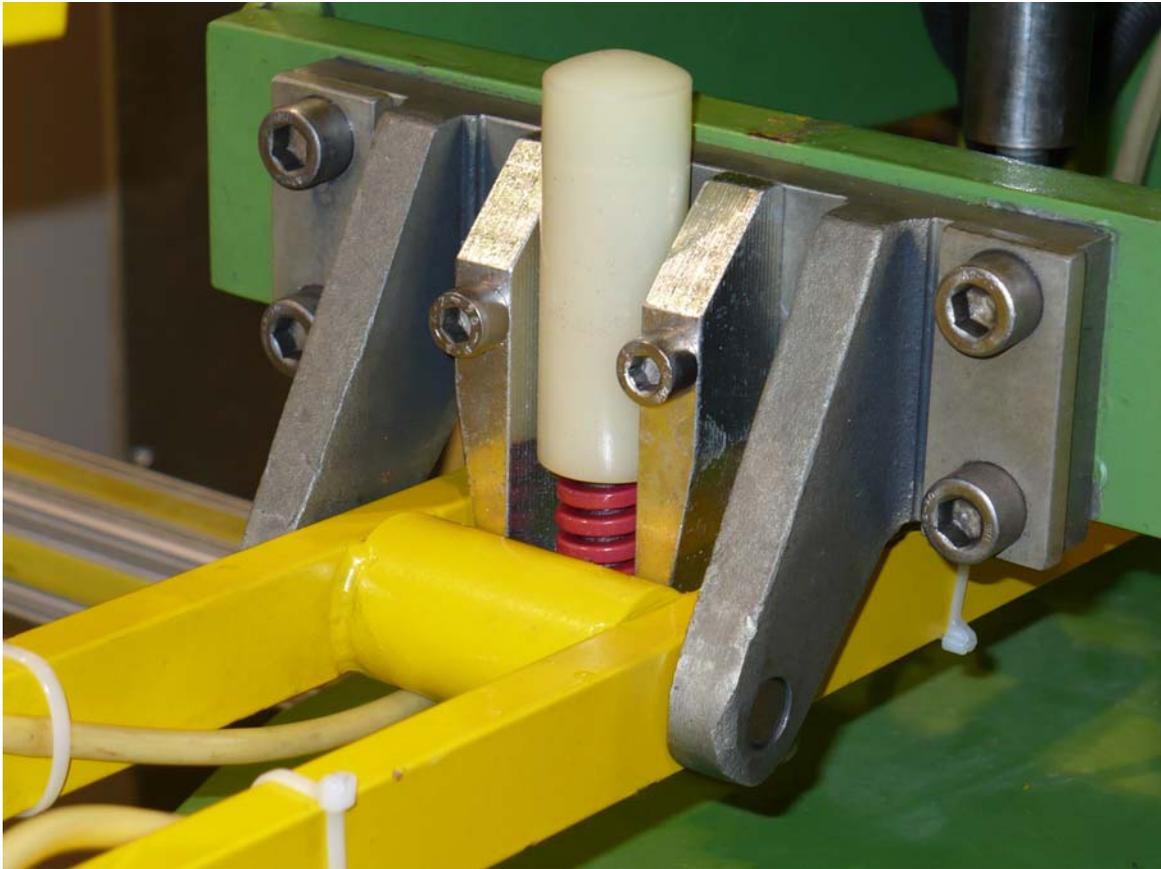
The purpose of the Upper Arm Spring Stabilizer is to eliminate the drilling feed rate change created when the required drilling force disappears at the point that the glass slug is completely cut out of the glass part. This spring applies approximately four hundred fifty (450) pounds of upward force to the lower side of the upper arm at the point that the arm nears the full limit of its travel. This constant feed rate helps reduce the parting line created at the meeting point between the lower and upper arm when the glass slug is broken out of the part rather than being cut out.

These Stabilizers can be installed on any TAC drilling machine with minimal modifications. However on older machines that have accumulated a significant number of operational hours, it is recommended they be installed along with a new clamp pivot bracket and pivot pin. This will eliminate the possibility of wear in the pivot bracket or any of the related components causing less than expected results.

The new, improved style has a longer spring, so it does not compress as much, which causes it to fail. The new, improved style spring, lasts much longer than the original version. It is a direct bolt on replacement for the "old" style. The only thing that has to be done is, some material may have to be removed on the clamp arm, where the longer spring bracket hangs down.



Old Style



New Style

Arm Stabilizer Components for New Style TAC-200 Electric Drive Glass Drilling Machine

One (1) Arm Stabilizer Assembly # TAC-200-279-D
Includes: #TAC-200-280-B SPRING POST
 #TAC-200-281-B SPRING MOUNT BRKT
 #9-1214-26 DANLY HEAVY DUTY SPRG
 3/8-16X4-1/4 SS HEX HEAD
 5/16X 1-1/2 SS SHCS

Replacement Spring # 9-1214-26

These additional items need to be purchased if this is a first time install and not a replacement for the “old style”.

One (1) Clamp Pivot Bracket # TAC-200-62-C
One (1) Clamp Pivot Pin # TAC-200-19-B