 Body by inserting the Locating Pins into the Bushings. Orient the Tool Side Aid such that the 'A' Flat corresponds to the 'A' Flat on the Tool Body.


Step 3:
Mount the Master Side Aid to the QC Master Body ensuring hat the taper pins enter the corresponsing holes in the Master Side Aid Orient the Master Side Aid such that the 'A' Flat corresponds to the 'A' Flat on the Master Body. Energize the Locking Mechanism to secure the Master Side Aid in place.


Step 5:
Move the Master Body Assembly slowly downward until the Master and Tool Side Aids are approximately 1 mm apart.


Step 6:
Adjust the position of the robot to correct for any lateral misalignment. Use the Alignment Marks to align the Tool Side and Master Side Aids.

| NOTES: UNLESS OTHERWISE SPECIFIED |  |  | 1031 Goodworth Drive, Apex, NC 27539, USA <br> Tel: +1.919 .772 .0115 Email: info@ati-ia.com Fax: +1.919.772.8259 www.ati-ia.com ISO 9001 Registered Company |  |
| :---: | :---: | :---: | :---: | :---: |
| DO NOT SCALE DRAWING. DRAWN IN SOLIDWORKS. ALL DIMENSIONS ARE IN MILLIMETERS. <br> 3rd ANGLE PROJECTION |  |  |  |  |
|  | DRAWN BY: W. Berrocal, 9/21/07 | ${ }^{\text {TTLE }}$ QC-310 Alignment Teaching Aids |  |  |
|  | CHECKED BY: R. Heavner, 9/21/07 |  |  |  |  |  |
|  | WEIGHt LBS: 57.31 | SCALE $1: 4$ | SIEE | DRAWING NUMBER 9230-20-2649-01 |
|  | ASSEMBLY REF: | PRODUCT RELEASE\# 060808-2 DATE: SHEET 1 of 1 |  |  |

