

AIM6318 Articulated Jib Brake Installation Instructions:

Step 1: Disconnect system air and detach Torque Arm.

Step 2: Fold Secondary arm under Primary and secure with clamp and or shrink wrap.

Step 3: Center and level Fork lift forks under primary arm and above secondary prior to loosening mounting hardware.

Step 4: Ensure forks are fully supporting Jib without raising or causing upward pressure. **(Clamp or Strap Jib to the forks if uncertain Jib lift is centered on Jib center of gravity.)**

Step 5: Unfasten mounting Hardware and Lift Jib 5-10" above pedestal.

Step 6: Disconnect incoming air and place A11 Brake Disk on top of Pedestal ensuring through holes are aligned.

Step 7: Feed airline through disk center hole and reconnect to bearing knuckle. Lower Jib onto brake disk and re-bolt Jib with disk sandwiched between.

Step 8: Remove clamps and or shrink wrap and level forks under the secondary arm. Forks should be positioned closer to secondary bearing knuckle to maintain center of gravity.

Step 9: Repeat steps 4-7 to mount A8 brake disk on Secondary bearing knuckle.

Step 10: Mount Compression Plates adjacent to bearing knuckle as shown in diagram (leave loose).

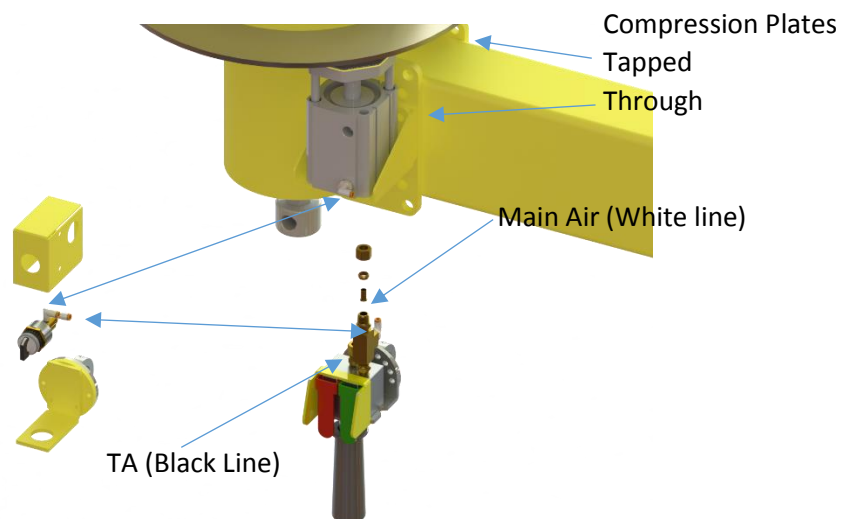
Step 11: Mount brake Cylinder. Align brake pads $\approx 0.25"$ from edge of brake disk. With cylinder rod retracted, space pad as close to disk as possible for maximum engagement. Tighten Compression plates.

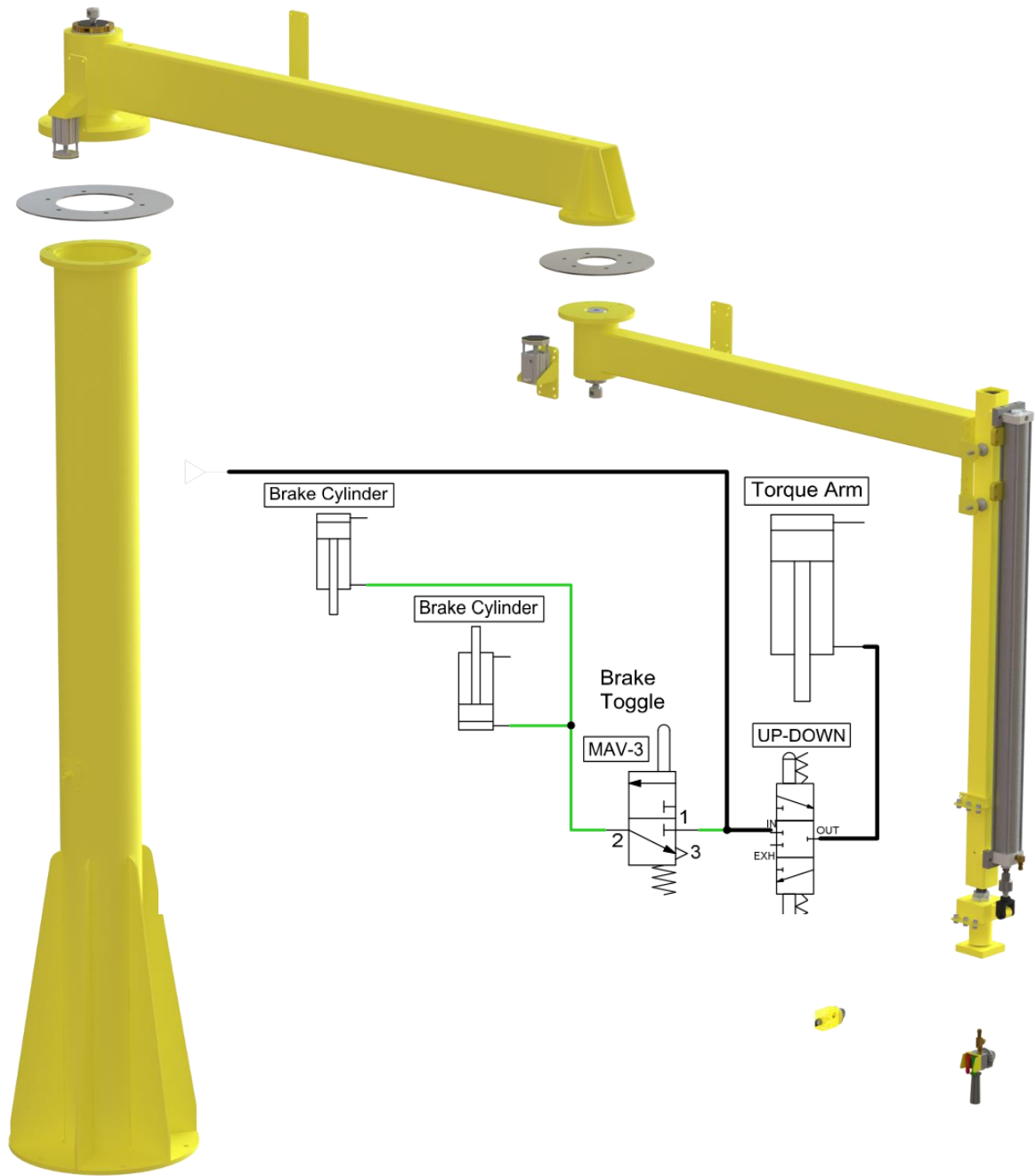
Step 12: Reattach and level Torque Arm.

Step 13: Unfasten 3/8 coiled airlines from Up/Down Pendant and replace right compression fitting (above Up button) with brass T from brake kit. Cut off crimped ends of both lines and cut white line to length above T. Insert new compression hardware (crimp nut 1st sleeve 2nd ferrule 3rd) onto the end of each tube. Refasten lines to compression fittings (black tube on left port above down button - white tube on right port with above up button).

Step 14: Run Green 5/32 tubing from Main Air brass-T to # 1 port on Toggle button (end of shaft).

Step 15: Run Green 5/32 from # 2 port Toggle (side of shaft) to brake cylinders. Follow airline up Torque arm (zip tie inside coil to keep in place without choking flow). At secondary brake, use 5/32 push to connect-T to split line. Run one side to secondary brake and one to primary brake. Note: ensure adequate slack in line to allow 360° rotation at secondary knuckle.





AIM6318 Logic Schematic