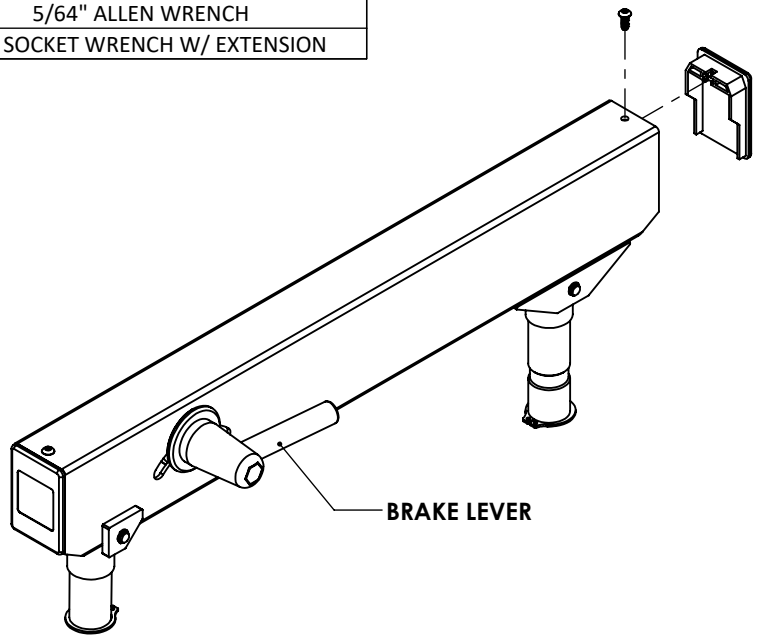
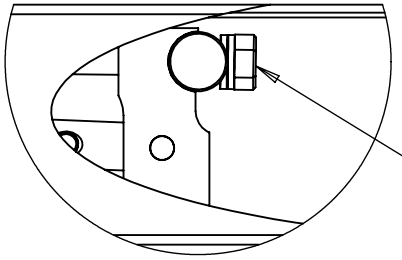
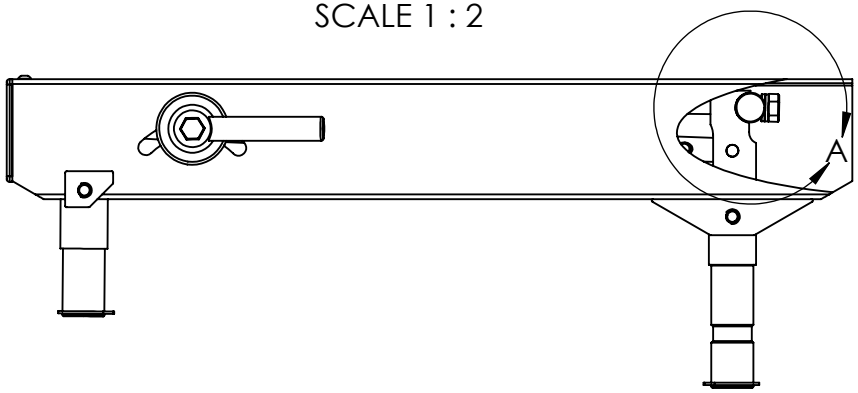
WARNING!!	This arm is spring loaded, use extreme caution when adjusting by wearing safety glasses and keeping all body parts out of the Flex Section path of travel. Ensure that the Flex Section is in the full upright position before adding or removing a load. In any Flex Arm application where even a single instance of failure to support the load might result in personal injury, loss of life, or significant damage, Dectron LLC does not approve the use of the Dectron line of products.
BEFORE BEGINNING	Before beginning, please ensure your application falls within the weight capacity window of the Flex Section you purchased by referencing the below chart. Failure to do so could compromise the arms ability to correctly off set the weight of your application which could result in injury. Your Flex Section should be securely mated with all mating Dectron components before beginning. Once your Flex Section is securely assembled and mated with all components, your application may be attached to the arm system.
ASSEMBLE ARM SYSTEM & ATTACH APPLICATION	Before attaching application, ensure that the Flex Section is in the full upright position with the Brake Lever engaged. If application is heavy enough, two people may be required to safely attach the application to ensure the Flex Arm remains in the full upright position during the entire process. Double check application is securely attached to arm before proceeding, failure to do so could result in severe injury. Always keep all body parts clear of the Flex Section's line of vertical travel. Once application is securely attached, while supporting the Flex Section slowly release the Brake Lever and move the Flex Section to the bottom position.
REMOVE END CAP	Remove the rear end cap on the Flex Section by removing the Button Head Screw using a 5/64" Allen Wrench (not included).
WARNING!!	Use of an air wrench to tighten or loosen this arm is not recommended as it may compromise the arms internal features designed to prevent over tightening or loosening. Use of a manual socket wrench is recommended. Please refer to the weight chart below to determine the factory pre-set of your arm.
ADJUSTING	Make sure the Brake Lever is disengaged and not putting any pressure on the side of the arm housing. Supporting the Flex Section in the horizontal position and using a ½" Socket Wrench with Extension (not included), tighten (turn clockwise) adjustment bolt to increase arm capacity until the arm reaches a buoyant state. When properly adjusted, your application should remain buoyant in any position it's placed without having to engage the Brake Lever. To decrease arm capacity, loosen (turn counterclockwise) adjusting bolt.
REATTACH END CAP	Reattach End Cap using 5/64" Allen Wrench to tighten Button Head Screw. Tighten to snug, do not over tighten.

TOOLS NEEDED (not included)
5/64" ALLEN WRENCH
1/2" SOCKET WRENCH W/ EXTENSION





DETAIL A
SCALE 1 : 2



PART#	CAPACITY	FACTORY SETTING	DESCRIPTION
70-1321-00	4-21 LBS.	4 LBS.	**COUNTERBALANCED FLEX SECTION ADJUSTMENT METHOD**
70-1343-00	18-43 LBS.	18 LBS.	
70-1833-00	6-33 LBS.	6 LBS.	
70-2424-00	3-24 LBS.	3 LBS.	
70-2435-00	16-35 LBS.	24 LBS.	
70-2445-00	20-45 LBS.	20 LBS.	

DECTRON LLC
381 SOUTH REDWOOD ST
CANBY, OREGON 97013

WWW.DECTRONUSA.COM | P 503.482.5043