



Bennu Hydraulic Mast-Climbing Scaffolding Platform Series #3 Adjusting Lifting Pressure

Method for adjusting lifting (raising platform) pressure:

To adjust lifting pressure, you will need to block the platform by inserting a smart bar sideways thru the near mast supported by the deck on both sides (remember to remove when finished!) The lifting pressure is adjusted for both lifting sides by this one adjustment.

The main valve gang is located on the Honda motor end of the hydraulic tank. The pressure gauge fitting is on the left side of the valve, to which you must attach a 5000psi rated gauge. (Picture 1)

To the left of the two manual control levers facing up is the location of the pressure control fitting. The screw cap cover is removed with a 5/32" allen key. Remove the screw cap. (Picture 2)

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Inside the port is a larger (1/8") allen screw adjustment control. Clockwise motion increases pressure setting, counterclockwise reduces pressure. Start the motor and use the near mast control lever to slowly raise the smart bar into blocking position in the mast. Push (only that) lever to full power position while reading the gauge. You should set the control for approximately 2,950# rating. Adjust no more than a quarter turn at a time. This will give you max load lifting power without damaging the platform in an overload condition. (Picture 3)

Lower the deck to remove the smart bar!
You must replace the screw cap on the port when finished to prevent leakage.
Remove the gauge to finish the procedure.



Picture 1



Picture 2



Picture 3