

White Meter Mounting Kit Installation Instructions for the MeterMax[®] Plus test stand

Parts Breakdown

1. Air Bladder Assembly
2. Vac Tube
3. Air Bladder Screw End
4. Seed Sensor and hardware
5. Chain with link
6. Sprocket
7. Vac Tube Hanger with Washers
8. Vac Tube Hanger no Washers
9. Chain Idler
10. Safety Shield
11. Vac Hose Clamps
12. Teapot and Lid
13. Minihelic Pressure Gauge
14. Tubing for Pressure Gauge
15. White zip tie



This kit will allow you to test White Meters. Use these photos to help guide you through proper setup.

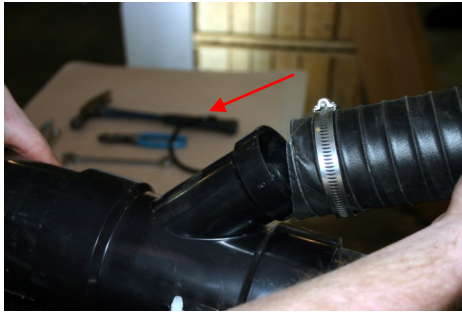
- Step 1** If not already completed, take the air bladder end screw and place in end of air bladder assembly and tighten until screw can not turn any more.



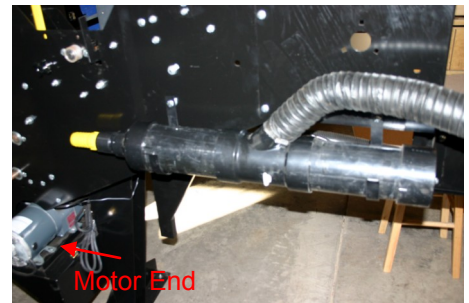
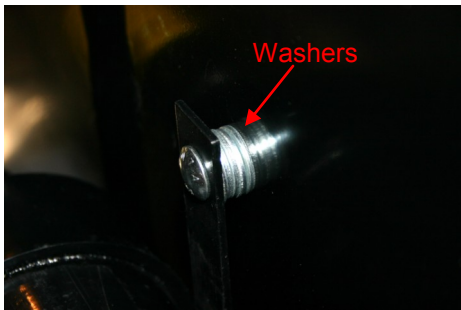
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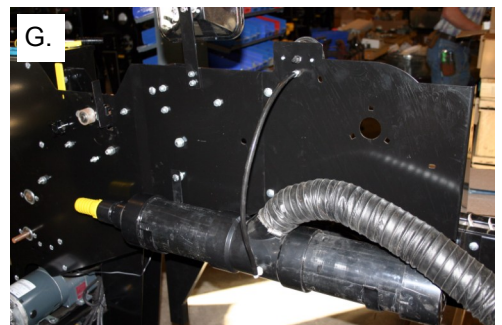
- Step 2** Place the hose clamps on the ends of the vac tube. Attach the vac tube to the side of the air bladder assembly and tighten hose clamp till it is snug.



- Step 3** Install vac tube hangers on the back of the MeterMax stand. The hanger with washers will be installed toward the motor end of stand and the hanger without washers will be installed toward belt end. Tighten bolts and then place air bladder assembly with vac tube upwards in the hooks with screw end toward motor part of the stand.



- Step 4** Install pressure gauge by placing in slots on front of stand and placing screws in the back of gauge. Tighten screws all the way down into gauge. (fig. A & B) Place the nuts on end of screws and tighten gently. If you tighten to tight you will break the gauge. (fig. C) Clip off the excess screw with a pair of wire cutters. (fig. D) Take small vac tubing and place on hose barb on air bladder and run to the bottom valve on the gauge. Run zip tie around vac tubing on gauge to complete the seal. Trim excess. (fig. E & F) Completed gauge installation. (fig. G)

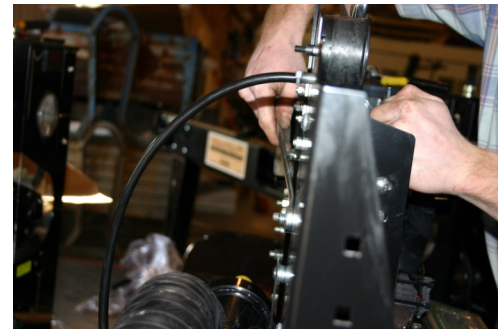
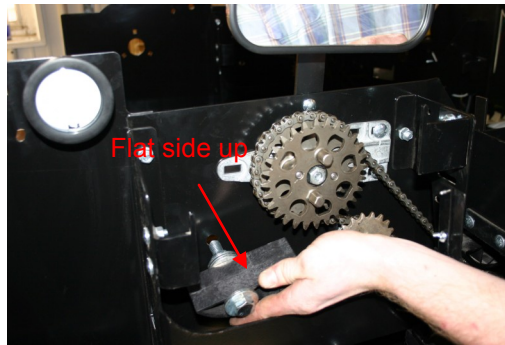


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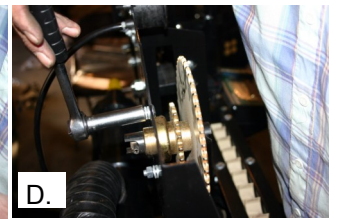
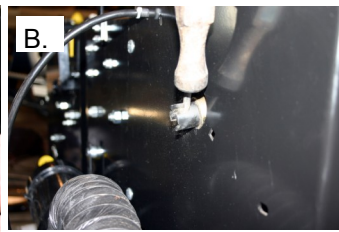
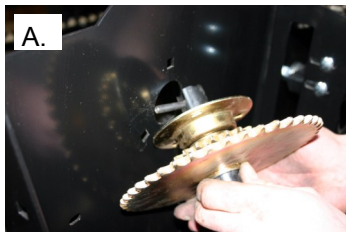
Step 5

Before you install chain idler, make sure the bolts and nuts on the idler itself are tight. Next place the idler with the flat side up on the front of the stand. Place nut on back and tighten till snug.



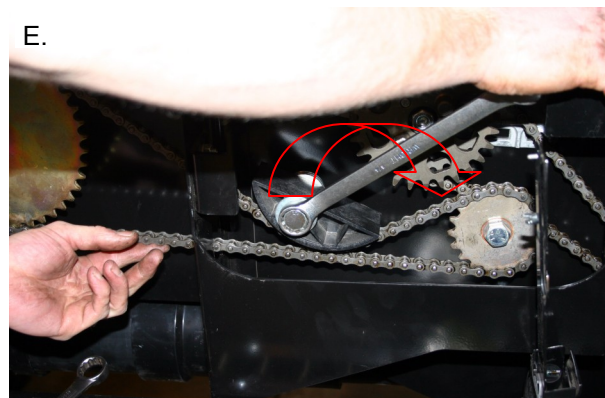
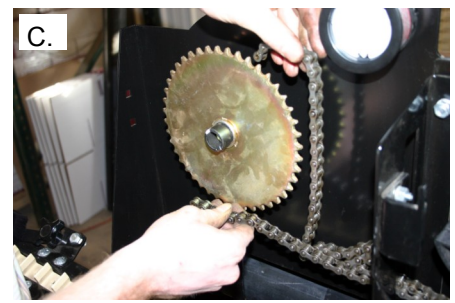
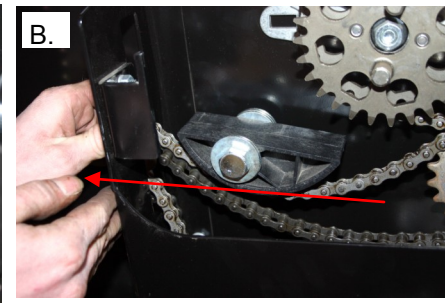
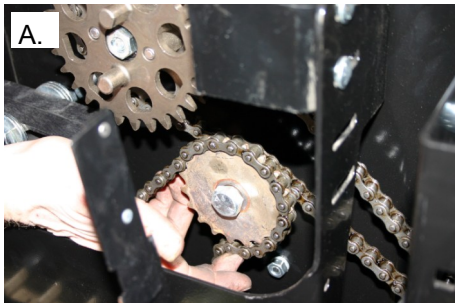
Step 6

Take sprocket and install on front side of stand with pin at back of stand. Use a hammer and pound pin down till it is halfway between sprocket shaft. (fig. A & B) Place the three bolts in sprocket assembly and tighten nuts to the back side of stand till snug. (fig. C & D)



Step 7

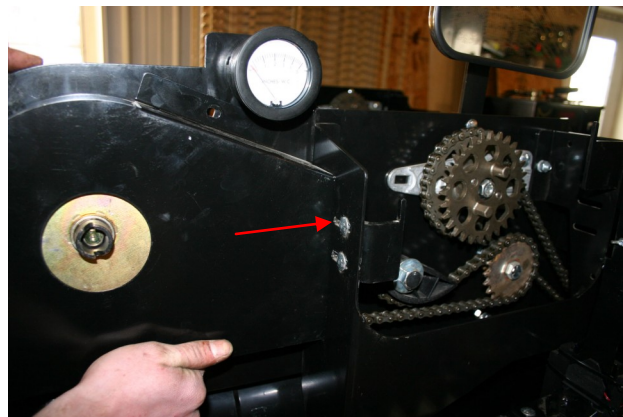
Install chain by running it around the small sprocket on front of the stand and under the chain idler through to the white sprocket assembly. (fig. A & B) Place chain around sprocket assembly and install the link to finish chain install. (fig. C & D) Adjust chain tension by turning idler clockwise with wrench till chain is in tension. (fig. E) The chain should not be scraping against the stand or itself.



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- Step 7** Install the chain guard on the front side of the stand. Slide it into slot and then place in the bolts and nuts. Tighten them to the back of the stand till it is snug.

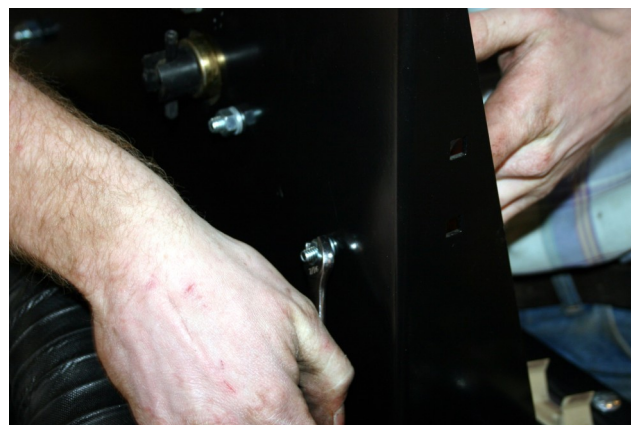


The test stand is now ready to test meters.

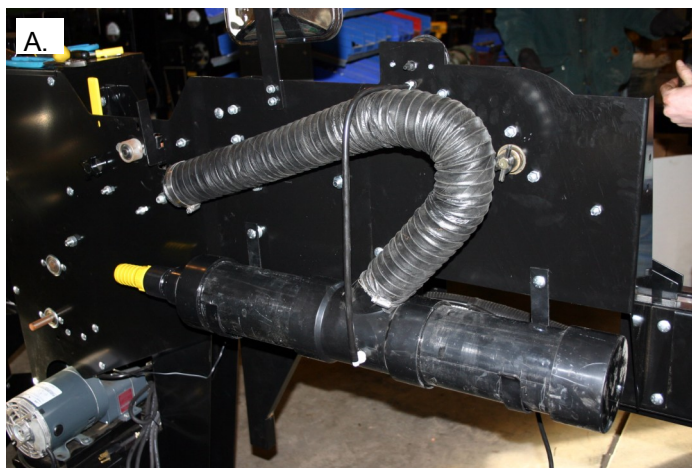


Note:

Refer to MeterMax manual on how to run and test White Meters.



Below are the finished pictures of the White mounting installation. Stored position. (fig. A)
White meter being tested. (fig. B)



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