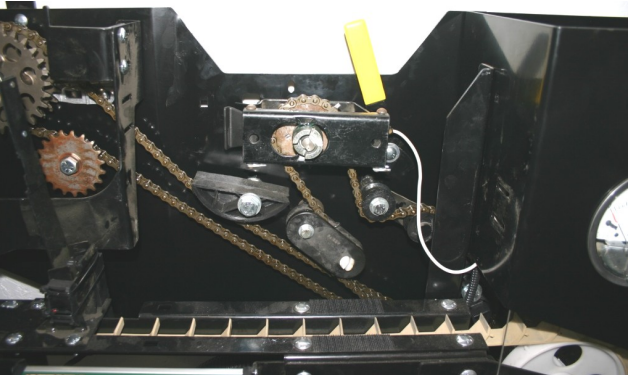
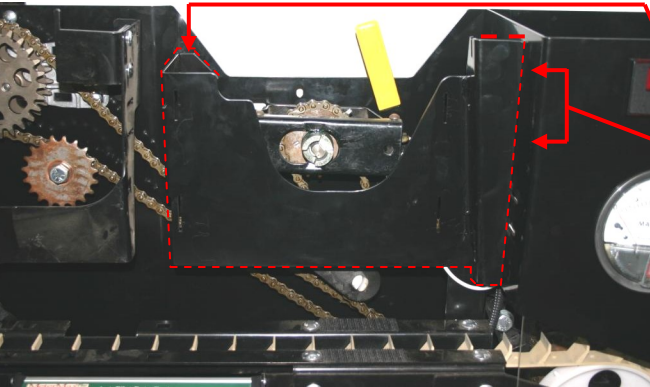
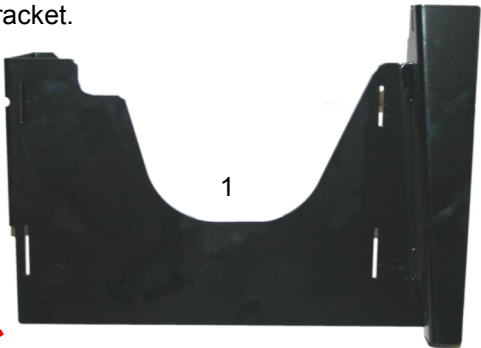




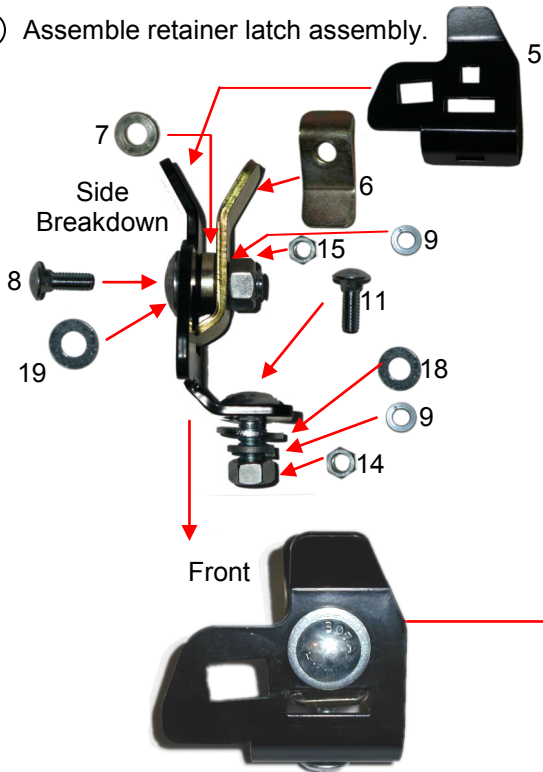
Shown with mounting base removed.

Now that the meter mounting brackets have been removed, install the new Great Plains base bracket.

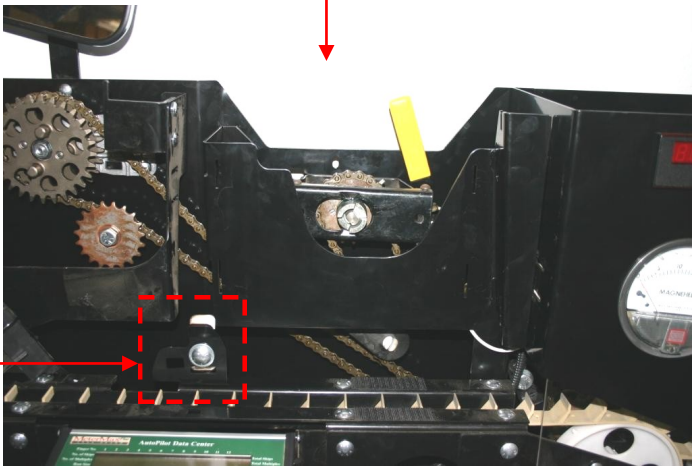


③ Make sure to line it up with the same 3 holes used for the original bracket. Then assemble the same 3 nuts, lock washers and bolts to secure the Great Plains bracket.

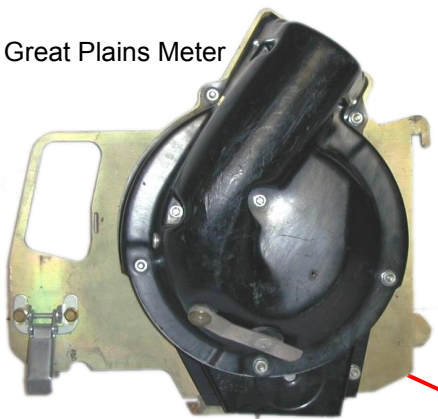
④ Assemble retainer latch assembly.



⑤ Next add the Great Plains meter retainer latch assembly. Your Great Plains meter will actually rest on and clamp onto this part.



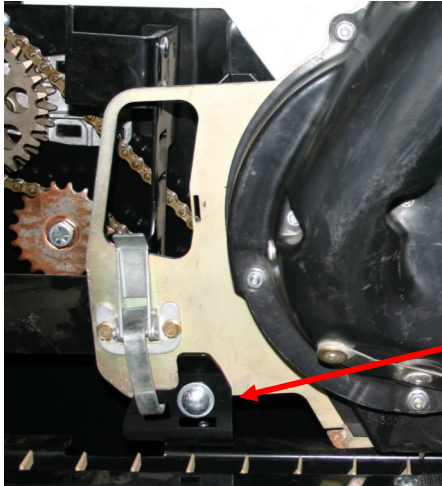
Great Plains Meter



⑤ Now it is ready for your Great Plains meter. Simply line-up the tabs on the right side of the meter into the slots provided on the mounting base.



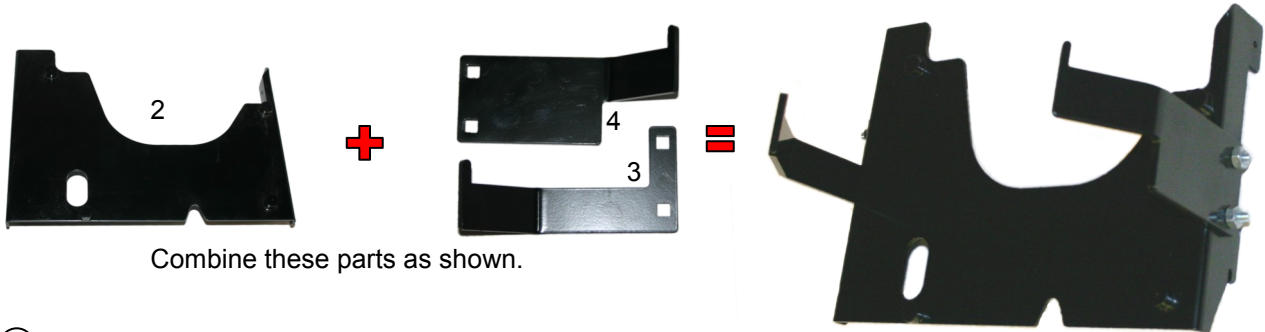
The left side of the meter rests on the retainer latch assembly and clips into the slot.



Make sure the meter is level then secure to the cradle.

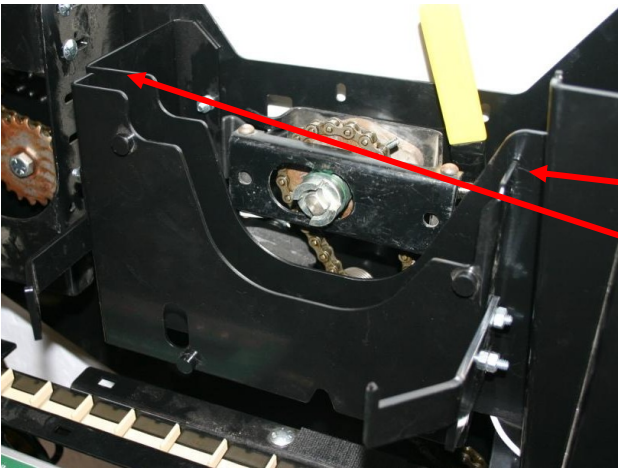
⑥ You will have to adjust the retainer latch assembly in order to get a perfect fit.

You may need to adjust the belt timing by moving the yellow adjustment handle.
See page 8 of your manual for more details



Combine these parts as shown.

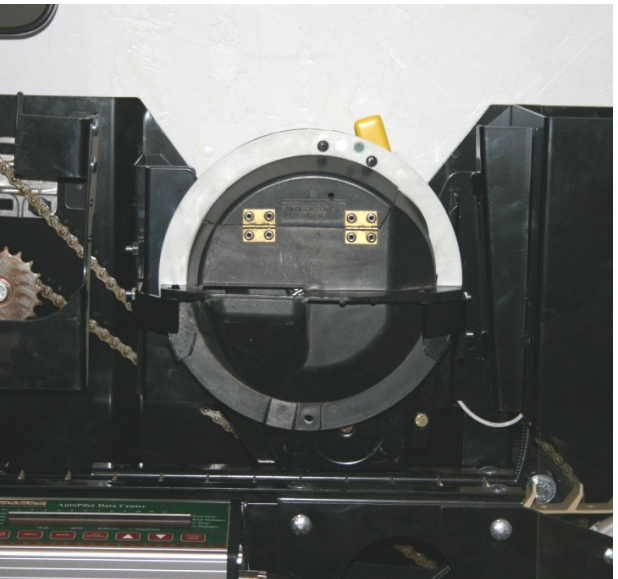
⑦ To return to standard finger meter testing, assemble parts 2, 3, and 4 together as shown above.



⑧ Mount the assembled part onto the Great Plains bracket by inserting the tabs of the adapter bracket #2 into the slots on Base #1. Use clips shown below to secure.



Simply slide the clips through the holes provided.



⑨ Re-install Vac Sensor Boot.

⑩ Now install your meter on the brackets and adjust the arms to properly line the meter up with the drive shaft and over the belt.

The test stand is now ready to test meters.

When switching back to Great Plains meters, simply remove the outer add-on bracket with arms by removing pins.

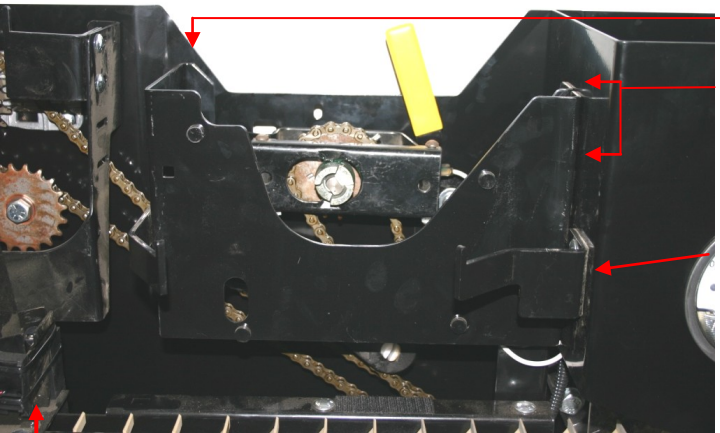


Parts Breakdown

The Great Plains Extension Kit will include these parts.

1. Finger Mount Base, (300080)
2. Adapter Bracket, (300083)
3. Left Hand Bracket, (300085)
4. Right Hand Bracket, (300084)
5. Latch Plate, (300086)
6. Retainer Plate, (300143)
7. Alignment Bushing, (300142)
8. 3/8 x 1" Carriage Bolt, (21355)
9. 3/8 Lock Washer, (4) (33622)
10. 1/4 Hex Nut, (36106)
11. 5/16 x 3/4 Carriage Bolt, (21253)
12. 1/4 Lock Washer, (4) (33618)
13. 1/4 x 3/4 Carriage Bolt, (4) (21153)
14. 3/8 Hex Nut, (36016)
15. 5/16 Hex Nut, (36104)
16. Clip Pin, (2) (45288)
17. 5/16 Lock washer, (33620)
18. 5/16 Flat Washer, (33006)
19. 1/2 SAE Flat Washer, (33086)

This kit will allow you to test Great Plains Meters. It will also make it simple to switch back and forth between meter types. Use these photos to help guide you through proper setup.



① Remove the finger meter mounting base of the standard meter stand.

② Then remove the right side meter mounting bracket.

③ Remove Vac Sensor Boot.

④ On some older Test Stands there may need to be a hole drilled for the Retainer Latch Assembly. If needed drill 3/8 hole as shown on back rail.

See diagram below and right.

