



9 SERIES TRAINING

Module 4 : VRT Block-Zeroing

INSTRUCTIONS

Zero Shaft Hydraulic Motor Solenoids

Upon initial setup the preload of the solenoid valves must be set to match the tractor hydraulics.

Note: Tanks must be empty during this process.

Zero the shaft of the hydraulic motors by using the following procedure:

- Ensure there is no product in any tanks.
- Warm up hydraulic system by running fan system for 5-10 minutes. Hydraulic hoses at fan motor should be warm to touch.
- **Turn OFF** the Topcon Monitor.
- Start with *all* adjusting screws *turned out fully*.



Remove Cap Nut and Loosen Jam Nut

INSTRUCTIONS

- Remove cap nut and then loosen jam nut.
- Turn adjusting screw IN until motor starts to turn.
- Allow motor to turn for 1-2 minutes to allow for motor to reach optimal operating temperature.
- Then turn adjusting screw OUT until motor stops turning.
- Tighten jam nut to secure adjusting screw in place. Replace cap nut.
- Repeat the above procedure for the other valves.
- **Note: It is recommended to check the zero of the valves at the start of each season or if a different tractor is used on the system.**



Adjusting Screw

INSTRUCTIONS

Note: If air cart is *NOT* equipped with a Third Tank or Granular Tank solenoid '1' must be unplugged and the adjusting knob turned out fully.

