

# INSTRUCTIONS & INFORMATION



## HYDRO PUMP FLOW TEST KIT

Part Number 609009

Used on models with G<sup>2</sup>, H<sup>2</sup> & T Drives

### TESTING PROCEDURE:

1. Raise and block drive tires off ground to prevent accidental tractor movement.
2. Pull PTO fuse to prevent accidental engagement of deck blades.
3. Remove any shielding to gain access to the pumps. **Shielding that has been removed must be put back into its original position when finished testing.**
4. Clean the area around the pump to prevent contaminants from entering the system.
5. On the out front mowers, loosen the fittings from the wheel motor a couple of turns but do not remove. Remove both supply tubes from the pump being tested using a **1 1/4 flare crowfoot (P/N 098800)**. If adapter comes off with tube, use a **1 1/8 straight crowfoot (P/N 098805)** to hold the adapter. Once you have tube fittings loose from adapter fittings, swing the tubes to the side. **(The 90 degree fitting hose P/N 424340 and coupling fitting P/N 360067 are used when testing the left pump on a 200 series with a 10L pump).**
6. Connect the lines from the flow meter to the fittings on the pump. **Notice there are two sets of adapter fittings with this kit. (A) (P/N 360007) is used on the out front mowers and (P/N 360066) is used on the 325.** It does not matter which way the hoses are attached to the pump. This is a bi-directional flow meter that will measure GPM in either direction.
7. Open the restriction valve on the test meter (B) all the way, start engine and run at full speed with the steering lever fully stroked.

Do this until fittings on flow meter are hot to the touch.

8. With the steering lever at full stroke, adjust throttle until 10GPM (C) is achieved when testing on a unit with 21L pumps. On units with 10L, 10A, 16A, H1-10, H1A-12, T and T<sup>6</sup> pumps, the steering and throttle levers must be fully stroked. Depending which direction you're stroking the steering lever, one of the pressure gauges (D) shows very little pressure. This is normal. Record the GPM.

