

**M MORRIS**  
**RAZR**



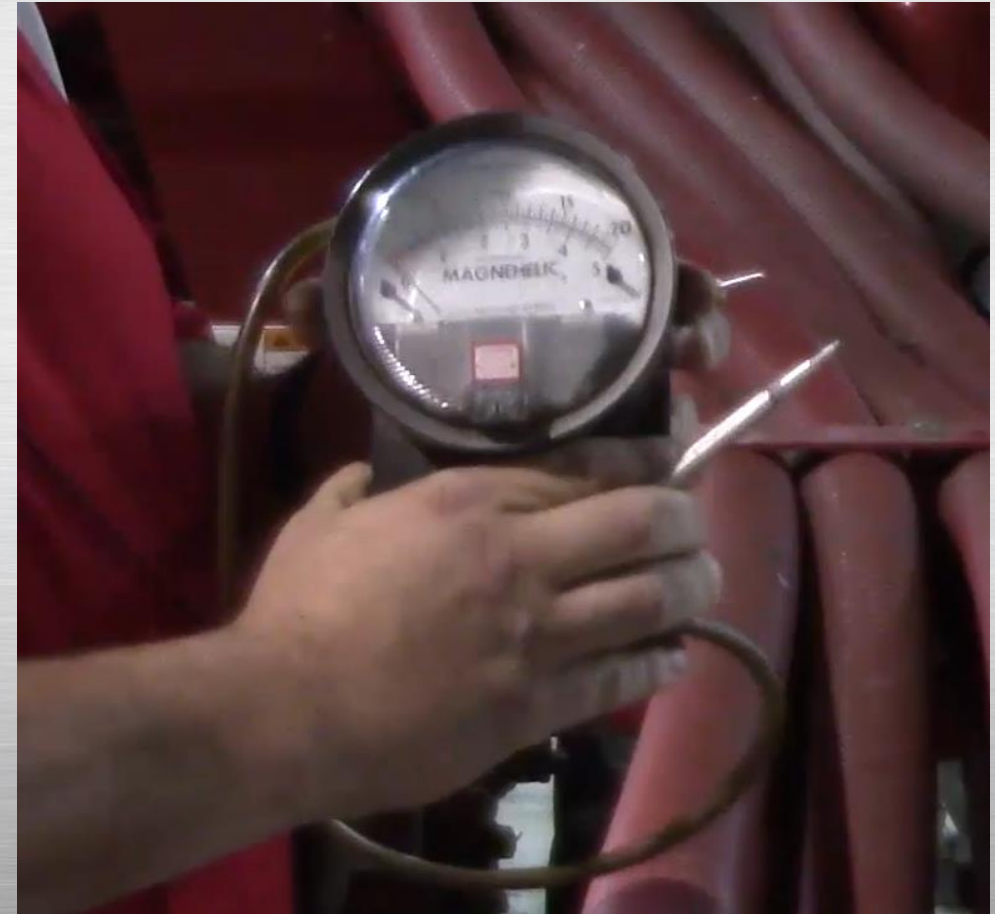
**RAZR DRILL TRAINING**  
**Module 2 : Balanced Air Testing**

# OBJECTIVE

The goal of balanced air testing is to ensure that the primary hoses are of equal length and in-turn, that there is proper air pressure going to each opener.

# TESTING AIR PRESSURE

- In order to test air pressure accurately, it is recommended that this tool set-up be used:
  - Water Column Gauge
  - Quarter-inch Tubing
  - Sporting Goods Air Valve
- Attach the tubing to both the valve and the gauge securely.



# TESTING AIR PRESSURE

- Use a fine-pointed object to poke a small enough hole in the hose.
- It is really important to make sure the valve is inserted the same way into each hose in order to maintain a consistent and accurate reading across all of the primaries.



# READING AIR PRESSURE

- It doesn't matter which number the gauge reads, however, all of the hoses SHOULD read within 1-1.5 points of each other.
- Make sure that the fan is running between 3000-5000rpm.
- Test them with the dampeners fully open and again with them near closed if necessary for canola.



# RESULTS

- If a hose reads too high of pressure, it means that specific hose needs to be shortened or that the other hoses need to be lengthened.
- If a hose reads too low of pressure, it means that specific hose needs to be lengthened or that the other hoses need to be shortened.

