

PILOT VALVE ADJUSTMENTS

All adjustments made to the pilot valve must be performed by a qualified technician. The adjustments must be made while the unit is operating, therefore, extreme caution must be taken while working on the unit. Observe all necessary precautions. Always use a back-up wrench and make all differential and unload pressure adjustments in very small increments (1/8 turn).

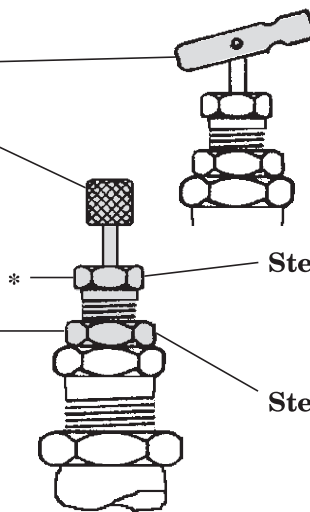
WARNING !

The pressure switch and / or pilot valve are set at the factory for maximum efficiency. Adjustments to either component must be performed by a qualified technician. Exceeding the factory recommended maximum pressure will void the warranty and may cause personal injury.

Setting Unload Pressure

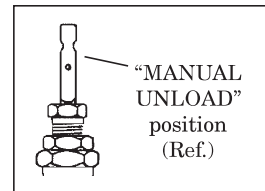
Step 1. Flip the toggle to the "RUN" position as shown, or turn the knurled knob (if so equipped) counterclockwise until it stops.

Step 2. Loosen locknut (counterclockwise). * **Stabilize with back-up wrench!**



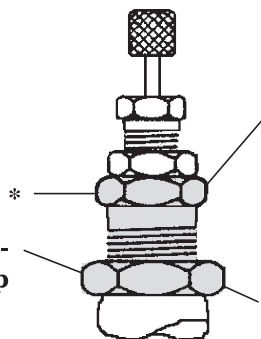
Step 3. Turn clockwise to increase unload pressure, turn counterclockwise to decrease unload pressure. Hold position with wrench and proceed to Step 4.

Step 4. Tighten locknut (clockwise) with wrench. * **Stabilize with back-up wrench!**



Setting Differential Pressure

Step 5. Loosen locknut (counterclockwise). * **Stabilize with back-up wrench!**



Step 6. Turn clockwise to increase the differential pressure and counterclockwise to decrease the differential pressure. Hold position with wrench and proceed to Step 7.

Step 7. Tighten locknut (clockwise) with wrench. * **Stabilize with back-up wrench!**