

# INFORMATION INSERT

## HYDRAULIC SOLENOID VALVE

### IDENTIFICATION - MANUAL OPERATIONS - REPLACEMENT

**REPLACEMENT VALVES MAY HAVE A VALVE RELEASE NUT OR RELEASE CAM**

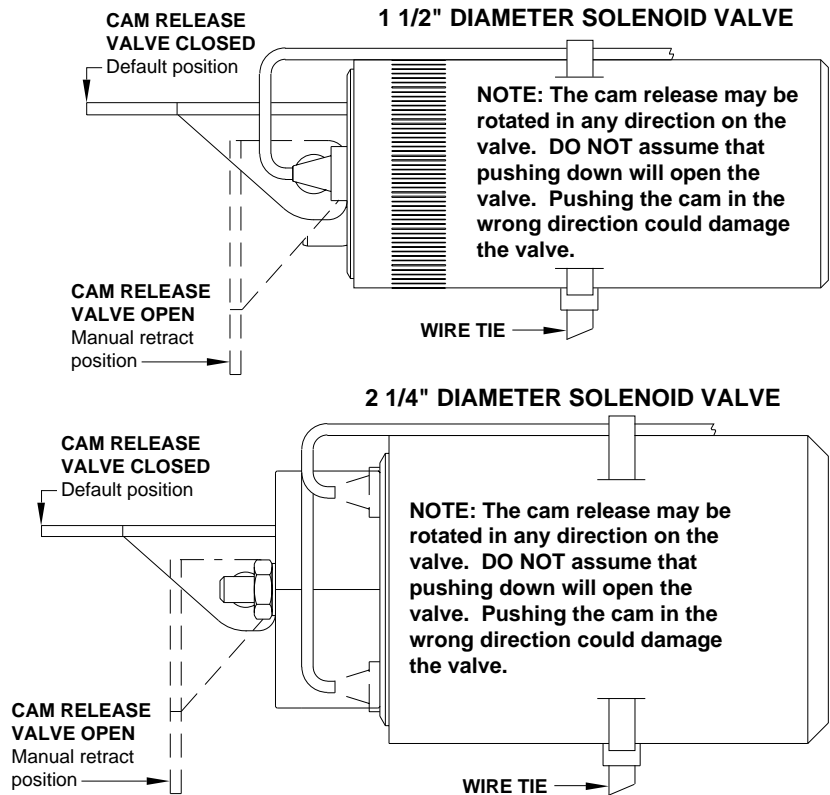
#### SOLENOID VALVES WITH CAM RELEASE

The cam release style valves are direct replacements for all previous styles of HWH hydraulic solenoid valves.

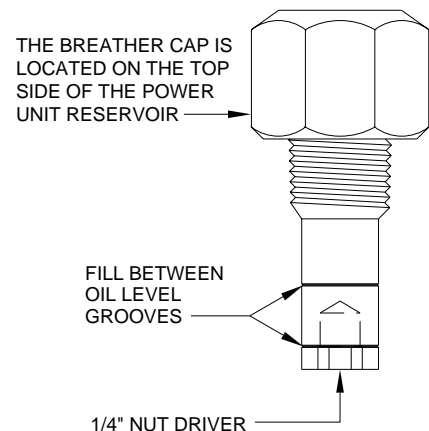
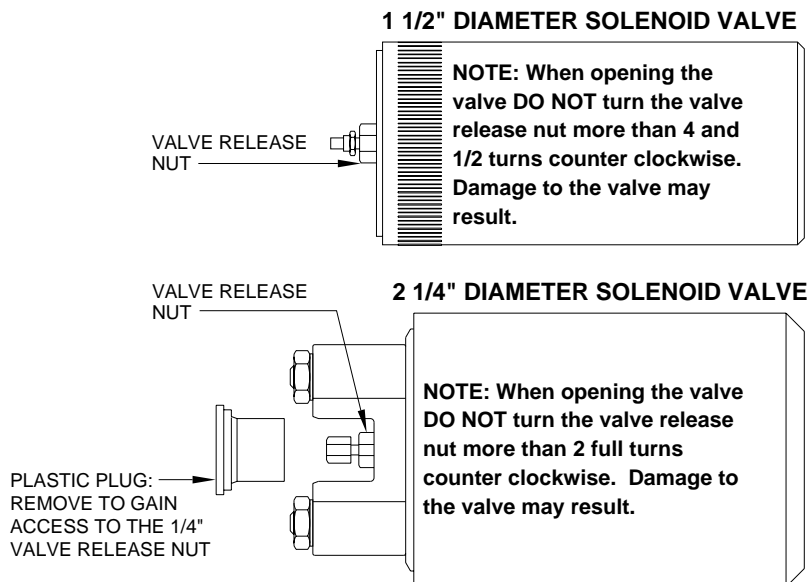
Valve size and voltage are still factors to be considered when replacing any HWH hydraulic solenoid valve. Replace a small style 12 volt valve with a small style 12 volt valve. Replace a large style 12 volt valve with a large style 12 volt valve. This is true for 24 volt valves also.

Valve installation has not changed, simply turn out the old valve, confirm that no o-ring debris has been left in the manifold block and turn in the new valve.

After installing the valve and without creating stress on the wires at the point where they exit the valve body. Use a wire tie to secure the wires to the valve body to keep the wires from being pinched beneath the cam mechanism during operation.



#### SOLENOID VALVES WITH 1/4" NUT RELEASE



**IMPORTANT: PRIOR TO REMOVING THE BREATHER CAP, EITHER TO CHECK THE OIL LEVEL OR TO USE 1/4" NUT DRIVER, CLEAN ANY DEBRIS FROM THE TOP OF THE RESERVOIR. BEFORE RETURNING THE BREATHER CAP TO THE RESERVOIR, REMOVE ANY PAINT CHIPS OR OTHER DEBRIS FROM THE DIPSTICK INCLUDING DEBRIS INSIDE THE 1/4" NUT DRIVER.**