REPLACEMENT VALVES WILL HAVE A VALVE RELEASE CAM

BREATHER CAP W/NUT DRIVER

THE BREATHER CAP IS LOCATED ON THE TOP SIDE OF THE POWER UNIT RESERVOIR.

FILL BETWEEN OIL LEVEL GROOVES

1/4" NUT DRIVER

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.

SOLENOID VALVES WITH CAM RELEASE

1 1/2" DIAMETER SOLENOID VALVE

NOTE: The cam release may be rotated in any direction on the valve. DO NOT assume that pushing down will open the valve. Pushing the cam in the wrong direction could damage the valve.

CAM RELEASE VALVE CLOSED
Default position

CAM RELEASE VALVE OPEN
Manual retract position

WIRE TIE

2 1/4" DIAMETER SOLENOID VALVE

NOTE: The cam release may be rotated in any direction on the valve. DO NOT assume that pushing down will open the valve. Pushing the cam in the wrong direction could damage the valve.

CAM RELEASE VALVE CLOSED
Default position

CAM RELEASE VALVE OPEN
Manual retract position

WIRE TIE

SOLENOID VALVES WITH 1/4" NUT RELEASE

1 1/2" DIAMETER SOLENOID VALVE

NOTE: When opening the valve DO NOT turn the valve release nut more than 4 and 1/2 turns counter clockwise. Damage to the valve may result.

VALVE RELEASE NUT

2 1/4" DIAMETER SOLENOID VALVE

NOTE: When opening the valve DO NOT turn the valve release nut more than 2 full turns counter clockwise. Damage to the valve may result.

VALVE RELEASE NUT

PLASTIC PLUG: REMOVE TO GAIN ACCESS TO THE 1/4" VALVE RELEASE NUT

SOLENOID VALVES WITH T-HANDLE RELEASE

2 1/4" DIAMETER SOLENOID VALVE

Turn T-handle counterclockwise to open the valve. T-handle should turn easy at first, then harder as it compresses a spring. It takes approximately 4 1/2 turns to fully open the valve. Do not over tighten when closing.

NOTE: OLD STYLE HEX SHAPED SOLENOID VALVES HAVE NO MANUAL VALVE RELEASE.