



There are 2 ports on the base end of the cylinder labeled 'G' and 'V'. You will only use 1 of these ports to operate the cylinder. Install a SAE 4 plug in the port you are not using.

## Plumbing to the G Port

The port marked with a 'G' bypasses all valving on the cylinder manifold block so the cylinder can be used as a standard single acting cylinder.

The solenoid valve will not be used when plumbing to the 'G' port.

## Plumbing to the V Port

When the solenoid is de-energized, flow into the 'V' port extends the cylinder. The solenoid valve blocks flow out.

Energizing the solenoid with 20 volts DC allows flow back to the tank to retract the cylinder (*The solenoid valve also has a manual over-ride knob that allows the cylinder to retract under no electrical power*).

### Solenoid Wiring

