



Read this entire set of instructions BEFORE you start installing the kit. You will need to use common hand tools. Proper protective attire, especially eye protection, must be used during the job.

It is very important to keep all parts clean when working with hydraulic cylinders, even one small piece of dirt or grit can damage the cylinder.



Instructions for installing the double piloted check valve.

Please read each step before beginning the installation

1. Loosen the two nuts on either side of the piloted check valve
2. Unscrew the two banjo fitting bolts going into the cylinder
3. Cut your replacement pieces of piping to the correct length based on what you removed from the cylinder. The tubing included with this kit fits the 11" stroke cylinder. You will need to cut it down if using with the 8" stroke cylinder.
4. The threads of the fittings on the double piloted check valves need to be coated in a Teflon based loctite or other Teflon paste based hydraulic sealant. **DO NOT USE TEFLON TAPE.** Leave these fittings finger tight until you tighten the banjo bolts.
5. Take the assembly and attach it to the cylinder via the banjo fitting bolts. These bolts do not need any Teflon based hydraulic sealant because they are sealed by the supplied copper washers.
6. Place a copper washer on either side of the banjo fitting, insert the bolt and finger tighten.
7. Tighten the banjo fitting bolts first, followed by the fittings connecting the double piloted check valve. Note that the position of the double piloted check valve is in the position you want BEFORE you tighten the nuts that hold it in place. Make sure you do not over torque your fittings as this will cause hydraulic leaks under pressure.
8. Remember to bleed your system to remove air bubbles if your system does not have an automatic bleeder

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