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# Installation Instructions for C-3893-DM Cylinders

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**Note: Cylinder should not have to be disassembled to install.**

1. Insure that Valve Spool and Valve Face are free of foreign particles.
2. Clean Valve Face.
3. Remove Pipe Plug from rear port of Cylinder using 3/16" Hex Wrench.
4. Apply a drop of removable grade LocTite to threaded portion of Valve Spool.
5. Place Spacer end of Cylinder against Valve Body.
6. Attach Cylinder to Valve Spool by using 3/16" Hex Wrench engaged in Piston hex pocket (accessed through 1/8" NPT fitting port in back of Cylinder assembly). Hold opposite end of Valve Spool and tighten to 30-40 in-lbs.
7. Seat Cylinder assembly against Valve Face and orient to match bolt pattern.
8. Thread Cap Screws into Valve Body using M4 Hex Wrench and tighten to 60-90 in-lbs.
9. Test for proper alignment by turning Valve Spool using 3/16" Hex Wrench through rear port of Cylinder assembly. Valve Spool should rotate freely.
10. Replace Pipe Plug in rear port using 3/16" Hex Wrench. **Apply thread sealant to all fittings.**
11. Install DOT approved fittings and tubing as required.

