# prairie dog<sub>®</sub>

PART NO. 6-120

## POWDER FLOW CONTROL

**INSTALLATION INSTRUCTIONS** 

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DILLON POWDER BARS

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TOOLS NEEDED: 7/16" WRENCH REMOVABLE THREAD RETAINING COMPOUND RUBBING ALCOHOL CLEAN RAG LOCK COMPOUND (LOCK TITE® 609 OR 680)

### PLEASE READ THROUGH AND UNDERSTAND THESE INSTRUCTIONS BEFORE BEGINNING.

#### INSTALLATION:

- 1. USING A 7/16" WRENCH TIGHTEN THE ADJUSTMENT BOLT ON THE POWDER BLOCK UNTIL THE STUD BLOCK BECOMES LOOSE. SEE FIG. 1.
- 2. REMOVE THE STUD BLOCK AND SET ASIDE.
- 3. USING A 7/16" WRENCH REMOVE THE BOLT AND SPRING WASHER FROM THE POWDER BLOCK. THESE ITEMS WILL NOT BE REUSED.
- 4. USING A CLEAN RAG AND RUBBING ALCOHOL CLEAN THE POWDER BLOCK, POWDER GATE, AND THE NEW FLOW CONTROL. LET DRY.
- 5. TAKE THE FLOW CONTROL AND ADJUST THE DIAL SO THAT IT READS "ZERO". SEE FIG. 2.

NOTE: IF DIAL IS HARD TO ADJUST USE A SMALL PLIER ON THE MOUNTING AREA (SEE FIG.4) AND MOVE THE DIAL OUT AND IN TO LOOSEN. IF NEEDED APPLY A SMALL DROP OF LIGHT LUBRICANT BETWEEN THE DIAL AND THE BASE.

- 6. PUT A SMALL DROP OF REMOVABLE THREAD LOCK ON THE THREADED END OF THE FLOW CONTROL. SEE FIG. 2.
- 7. INSERT THE FLOW CONTROL THROUGH THE BOLT HOLE ON THE POWDER BLOCK AND THREAD IT INTO THE END OF THE POWDER GATE. SEE FIG. 3.
- 8. ADJUST THE THREADS SO THAT THE POWDER GATE AND THE FLOW CONTROL ARE IN THE FULLY CLOSED POSITION AS SHOWN IN FIG. 3.
- 9. SLIDE THE POWDER GATE AND THE FLOW CONTROL OUT SO THAT THE MOUNTING AREA IS EXPOSED. SEE FIG. 4.
- 10. APPLY A SMALL AMOUNT OF RETAINING COMPOUND TO THE MOUNTING AREA ON THE FLOW CONTROL. BE CAREFUL NOT TO GET COMPOUND ON THE SHAFT.
- 11. SLIDE THE FLOW CONTROL BACK INTO PLACE AND CLEAN OFF ANY EXCESS RETAINING COMPOUND.
- 12. REINSTALL STUD BLOCK INTO POWDER BLOCK.
- 13. LET ASSEMBLY CURE FOR 24 HOURS BEFORE USING.







