

INDICATOR SWITCH RETROFIT KIT

Installation Instructions for
Normally Closed Models of NUPRO®
"BK" & "BN" Series Valves



"BK" Series

"BN" Series

Swagelok

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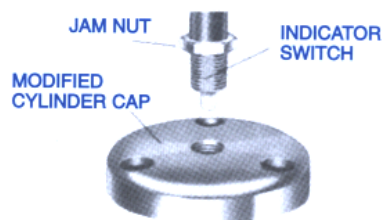
1. Relieve pressure in valve and air actuator before disassembly.
2. Replace **standard cylinder cap** with **modified cylinder cap** from kit.

"BK" Series

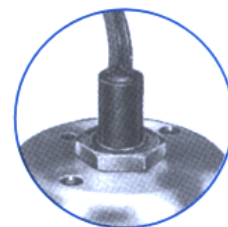
- a) Remove three (3) **cap screws** from **standard cylinder cap** using a 9/64" hex wrench. Remove cap.
- b) Assemble **modified cylinder cap** onto valve with the three (3) **cap screws**. Torque **cap screws** to 25 in.-lbs.

"BN" Series

- a) Unscrew **standard cylinder cap** using NUPRO spanner wrench (Part Number S-BN4-S60) or appropriate tools. Remove cap.
- b) Assemble **modified cylinder cap** unto valve. Torque cap to 20 in.-lbs. using NUPRO spanner wrench.



3. Pressurize the **air actuator** to the OPEN position as follows:
"6/8 BK" - 75 PSI (500 kPa)
"4BK" & "BN" - 60 PSI (400 kPa)
4. Thread **jam nut** to top of **indicator switch**.
5. Connect in-line **connector** of **indicator switch** to continuity tester.
6. Screw **indicator switch** into the **modified cylinder cap** until continuity tester indicates that switch is CLOSED.



7. Tighten **jam nut** against **modified cylinder cap**.
8. Test **valve** and **indicator switch** for proper operation: Actuate the **valve** open and closed to verify that the **indicator switch** opens and closes.
9. Connect in-line **connector** of **indicator switch** to system.



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