

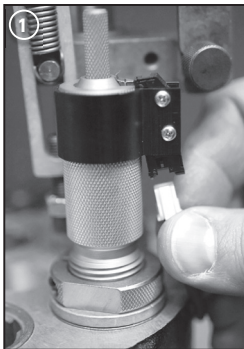


Hornady
Accurate. Deadly. Dependable.

LOCK-N-LOAD® POWDER SAFEGUARD DIE

POWDER SAFEGUARD DIE SETUP

- 1) Install Lock-N-Load bushing (sold separately) onto Powder Safeguard Die.
- 2) Screw the brass tip nearly all the way onto the stem by holding the tip and top knurl.
- 3) Cycle press to hold at the top of the stroke (the shellplate is as high as possible).
- 4) Install Powder Safeguard Die into the press next to the powder drop. Screw down the Powder Safeguard Die until approximately $\frac{1}{8}$ " above the shell plate.
- 5) Place a case with the correct powder charge under the safe guard die. Begin to cycle the press until resistance is met. The press should lock up (not continue through a full cycle).
- 6) Unscrew the brass tip slightly, while holding the top knurl, and try to cycle the press again. Repeat until the press cycles. Unscrew an additional turn and verify press cycles.



- 7) Place an empty case under the Powder Safeguard Die and cycle the press until resistance is met. The press should not cycle on an empty case. Remove case from press before proceeding.
- 8) Place a double-charged case under the Powder Safeguard Die and cycle the press until resistance is met. The press should not cycle on a double powder charged case. Remove case from press before proceeding.
- 9) If using with the Control Panel, locate the Powder Charge Detect lead on the wire harness, and plug it into the sensor on the Powder Safeguard Die.
- 10) Verify the wire harness is plugged in correctly by activating the sensor and verifying the corresponding light turns from green to red on the Control Panel.

POWDER SAFEGUARD DIE OPERATION

- Under normal operation, the press should cycle freely when the correct charge is dropped into the case.

NOTE: *The Powder Safeguard Die is designed to detect no-charge or double-charge cases only. It will not detect slight changes to the powder charge. Periodically check the powder charge weight on a quality scale.*

- If press locks up, remove case from press and verify all stations. If the shell plate cycled before locking up, each case will need to be moved back one station before proceeding.



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