The stop pin is the removable hardened steel pin in the front of the press frame, which causes automatic ejection of components when the ram is lowered.

The Series II press used a short stop pin, which fit half-way through the ram. The S-Press (current production) uses a longer pin that goes completely through the ram, which is slotted both front and back, and is secured in the press frame front and back. The stop pin is removed for using the press in the long or reloading stroke, and is installed for bullet swaging in the short stroke.