

# KILLER INNOVATIONS

## VELOCITY COMPENSATOR

### TUNING TIPS



INSTALLING A BRAKE OR COMPENSATOR ON AN AUTOLOADING PISTOL CAN REQUIRE SOME TUNING TO ENSURE PROPER FUNCTION DEPENDING ON THE AMMO YOU WANT TO USE.

**WHY:** A BRAKE OR COMPENSATOR DRASTICALLY REDUCES THE REARWARD RECOIL FORCE THAT IS USED TO CYCLE YOUR SLIDE WHEN THE GUN IS FIRED.

**SYMPTOMS:** THE GUN FAILS TO EJECT THE SPENT ROUND OR FAILS TO LOAD THE NEXT ROUND ALL THE WAY INTO BATTERY.

**COMMON CURES:** SOME SHOOTERS WILL RUN A LIGHTER RECOIL SPRING DEPENDING ON HOW HOT THEIR AMMO IS. WE HAVE SEEN THE SIG P320C COMPENSATOR FUNCTION WELL WITH THE STOCK OEM SPRING, WITHOUT THE NEED TO CHANGE TO A DIFFERENT SPRING WEIGHT IN MOST CASES. SELECTING THE CORRECT SPRING FOR THE AMMO YOU CHOOSE TO SHOOT CAN BE A LITTLE BIT OF TRIAL AND ERROR. MOST SHOOTERS SELECT THE AMMO THEY WOULD LIKE TO USE AND TUNE THE GUN TO THAT AMMO. SOME LOW POWER, LIGHT WEIGHT AMMO CAN PROVE DIFFICULT TO TUNE CORRECTLY.

STARTING 10/19, WE HAVE INCLUDED A REDUCED COMPENSATION RING WITH YOUR COMPENSATOR THAT WILL REDUCE THE EFFECTIVENESS OF THE COMPENSATOR AND WILL HELP MORE TEMPERAMENTAL SETUPS AND AMMO CYCLE RELIABLY. THIS RING CAN BE PURCHASED SEPARATELY IF YOUR COMP DID NOT COME WITH ONE.

**NOTE:** SOME SHOOTERS HAVE FOUND IF THEY MAKE THE RECOIL SPRING TOO LIGHT THE STRYKER SPRING MAY ALSO NEED TO BE REDUCED IN WEIGHT TO ALLOW THE SLIDE TO RETURN ALL THE WAY FORWARD INTO BATTERY. THE SPRINGS OPPOSE EACH OTHER AND EFFECT EACH OTHERS OPERATION. **WARNING!** REDUCING THE STRYKER SPRING WEIGHT WILL REDUCE YOUR TRIGGER PULL WEIGHT.