

ARMANOV

Armanov Bullet Feeder Gen 2

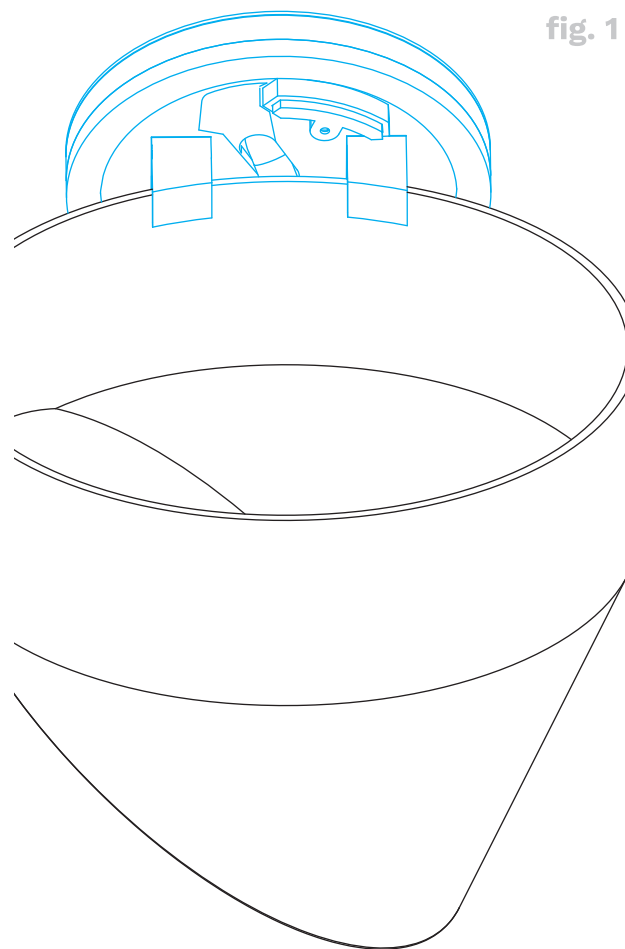
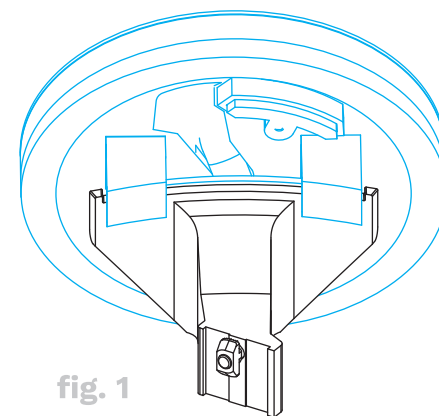
Instructions Manual



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Bullet Feeder Placement

Place Bullet feeder on case feeder of machine or mount (version specific), like shown on fig 1.



Connect spring adapter to Bullet Feeder assembly

Take the spring adapter and plug it to the tube at the back of the bullet feeder (fig. 2).

Then turn it clockwise (fig. 3) about 1/4 turn to lock it.

Now it's securely locked in place (fig. 4).

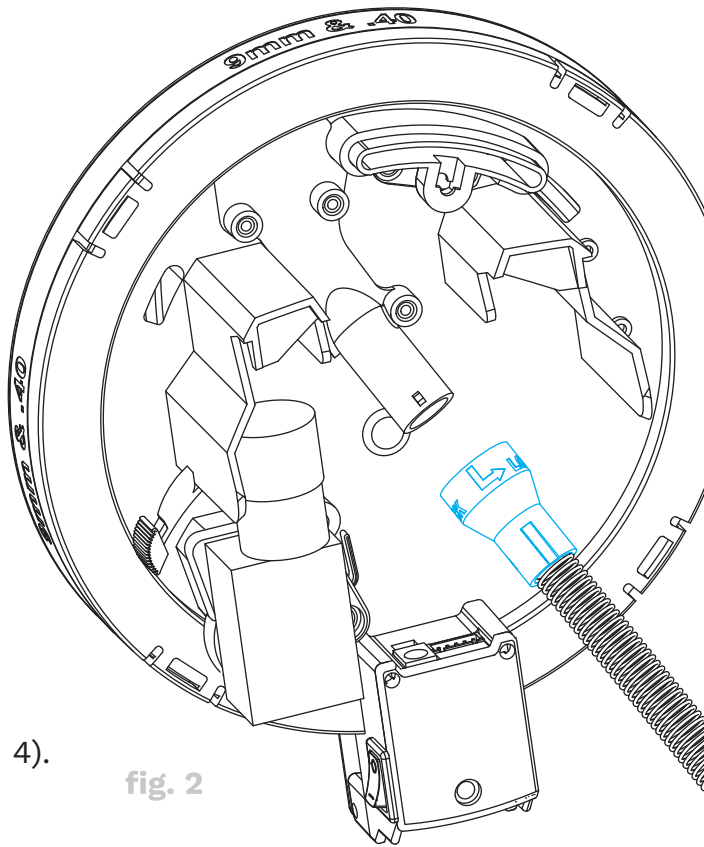


fig. 2

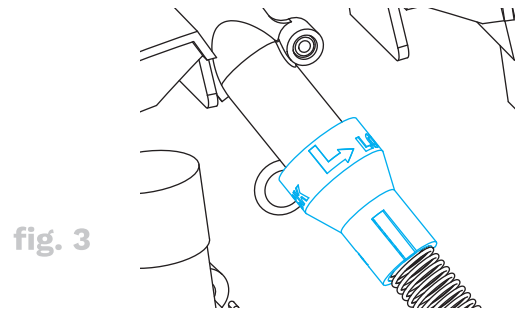


fig. 3

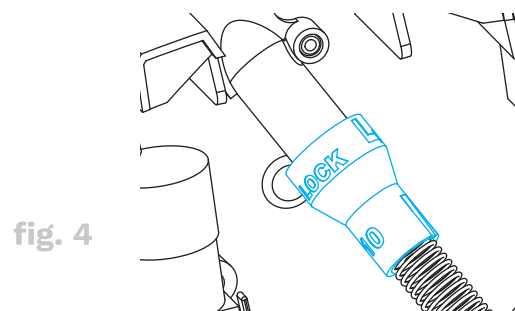


fig. 4

Insert bullet feed die

Insert die into the toolhead. Depending on your setup, you will most likely use station 3 or 4 on a Dillon 650/750.

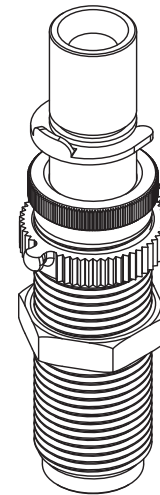
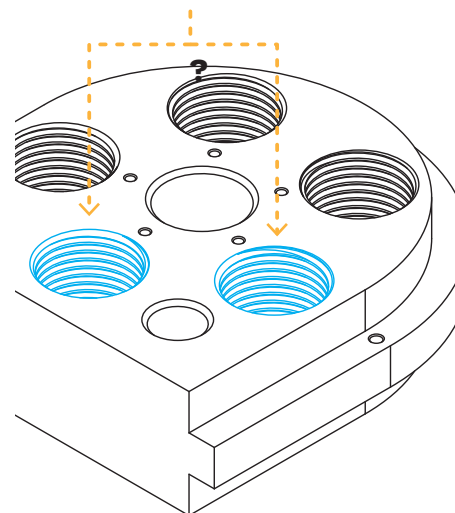


fig. 5



Dropper tube full

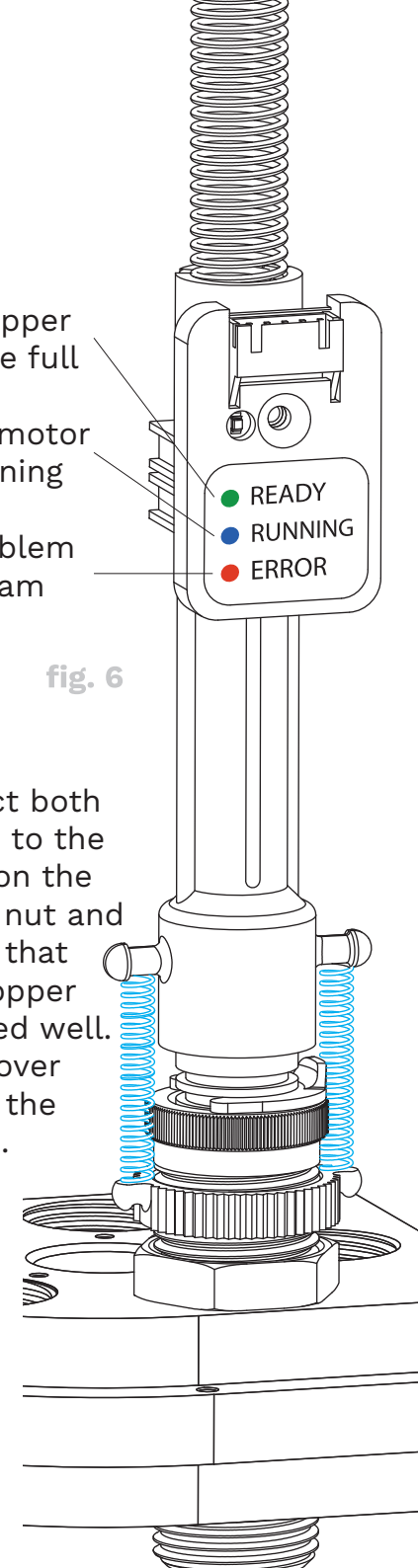
BF motor running

Problem or jam

READY
RUNNING
ERROR

fig. 6

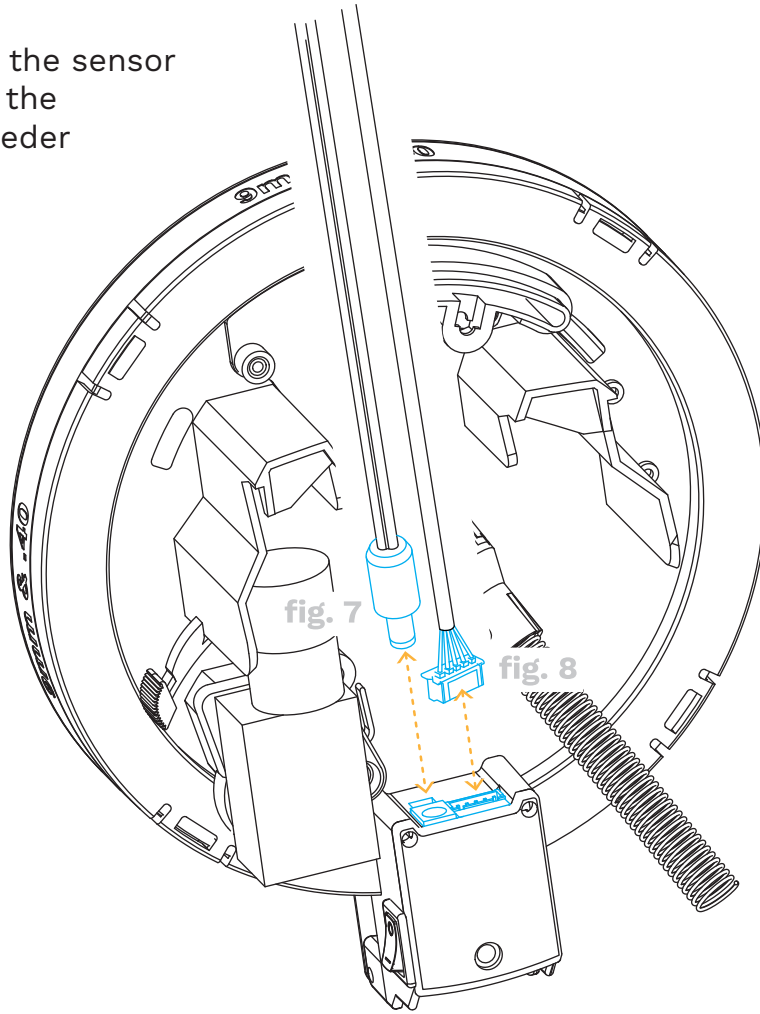
Connect both springs to the hooks on the plastic nut and ensure that the Dropper is seated well. Do not over extend the springs.



Connect power and sensor cable

Connect the supplied 12V power adapter to the Bullet feeder (fig. 7).

Connect the sensor cable to the Bullet feeder (fig. 8).



Fine-tuning

Depending on the length and the shape of the bullets you use, you may need to adjust the position of the three beads (inside upper or lower holes, fig. 9) and/or position of the plastic limiter (upper or lower notch, fig. 10).

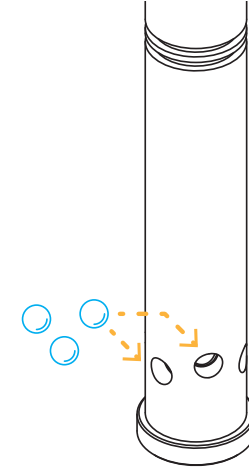


fig. 9

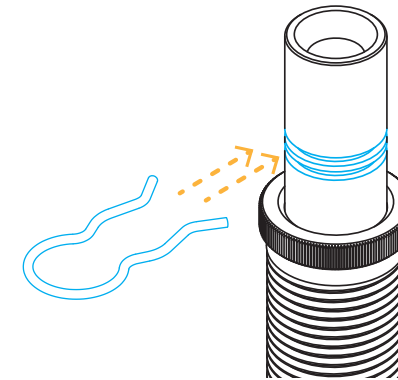


fig. 10

Beads and limiter settings

There are four possible combinations of beads and limiter positions. The best combination depends on the length and shape of your bullets. Usually, it's easiest to find proper combination using trial and error technique.

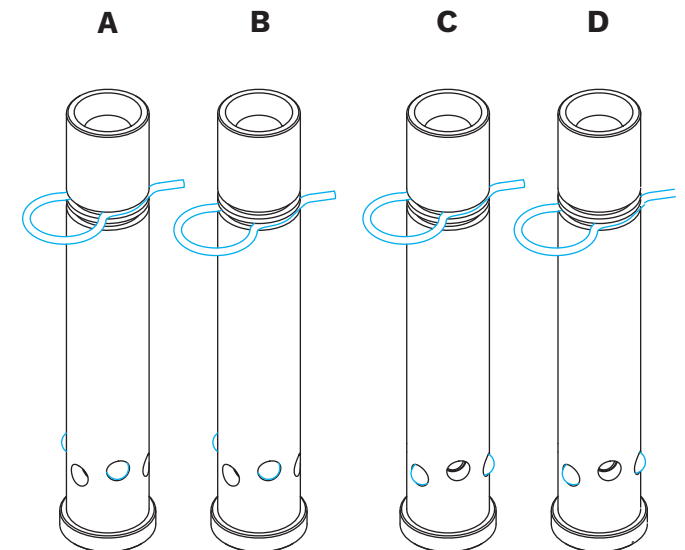


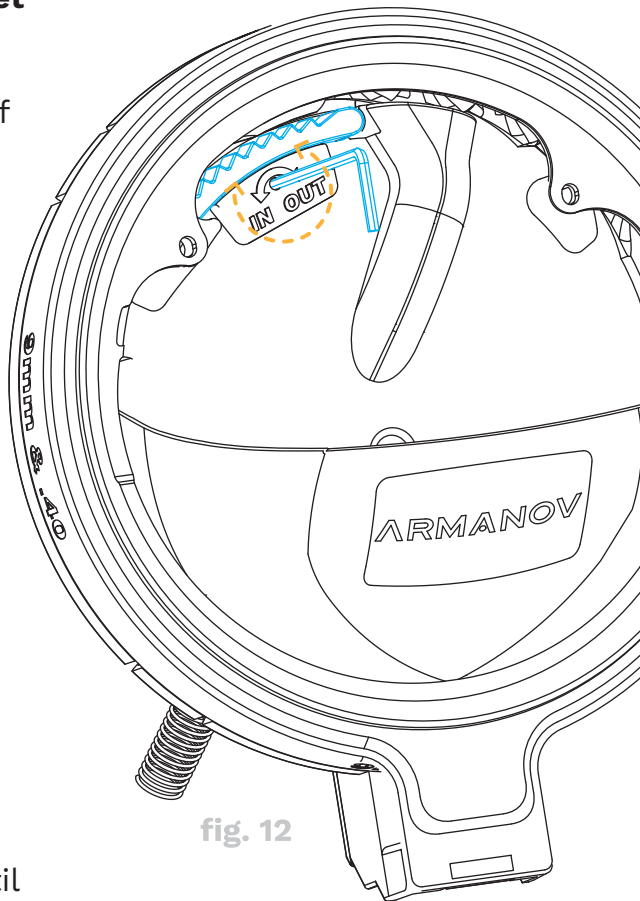
fig. 11

Adjusting the sorting bridge for correct bullet sorting

Using the hex key you can adjust the width of the ramp depending on the length and shape of the bullets.

Turn the adjustment screw OUT (clockwise) so that correctly oriented bullets will pass over the ramp and incorrectly oriented will fall off the ramp.

If both correctly and incorrectly oriented bullets pass over the ramp, turn screw IN (counterclockwise) until incorrectly oriented bullets will begin falling off the ramp and correctly oriented bullets will pass over the ramp.



Troubleshooting

Occasionally, unpredictable situations may arise.. such as a foreign object or an incorrectly positioned bullet that interfere with the normal operation of the bullet feeder. These issues will also be indicated by the status LEDs on the bullet dropper RED for error.

In such cases, the motor will automatically reverse in an attempt to resolve the jam without user intervention. If this auto-reverse occurs three times within 10 seconds, the motor will stop. However, residual pressure may still be applied to the drum.

To manually clear the obstruction:

1. Turn the Bullet Feeder OFF.
2. Locate the notched lever on the back of the Bullet Feeder (fig. 13) and press it down with your finger.
3. While holding the lever, rotate the entire motor assembly (see fig. 14) to disengage the drive gear.
4. With the motor disengaged, clear any obstructions inside the feeder.
5. Once everything is clear, re-engage the motor by rotating it back into position, and turn the Bullet Feeder ON again.

The auto-reverse function resets automatically when power on, or after 10 seconds of runnig. Normal operation will resume.

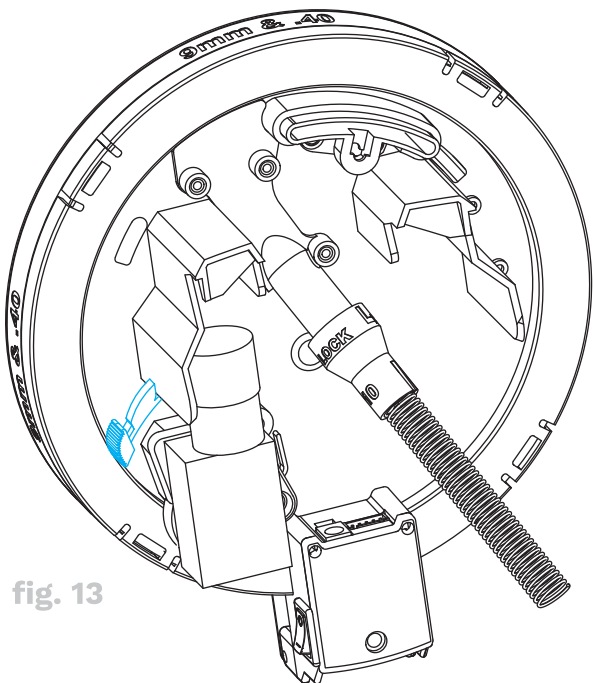


fig. 13

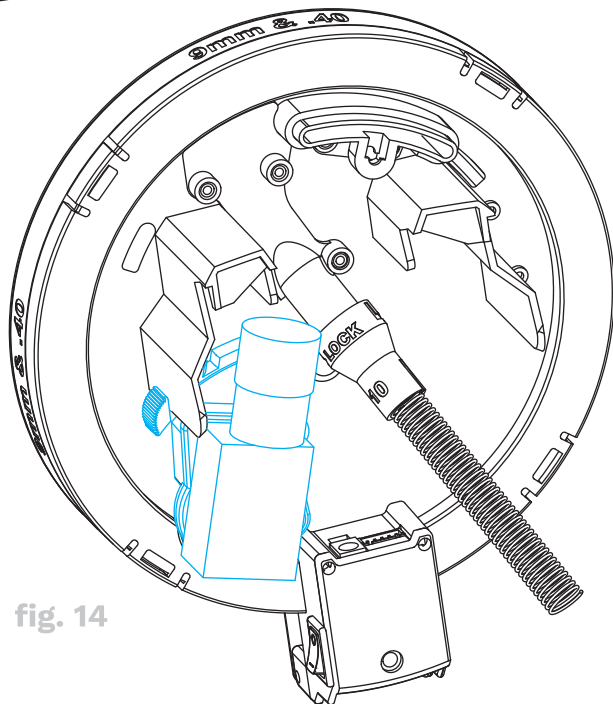


fig. 14

Depending on the version the Armanov BF comes with an Armanov Powder Funell or Flare and Expendier Die.

These are special tools that help expand the case neck for proper bullet seating and case neck tension.

Powder Funnel (PF)

(for Dillon Precision Powder Measure). Install the Armanov PF into the powder die. (fig. 16) This will help with flaring your case and mouth, and ensure proper neck tension. It will also expand the neck so the bullets seat better when the dropper sets them in the case.

For adjustment to the flare and expansion of the case use the same procedure as with the original Dillon powder funnel.

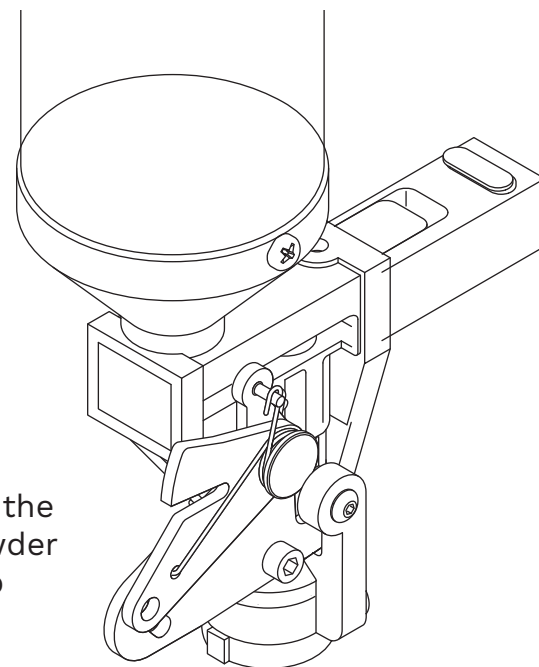
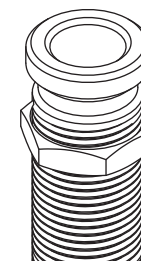


fig. 15



Flare and Expander Die (FE die)

(for Frankford Arsenal & other reloading systems)
The Armanov FE die will do the same as the Armanov PF in a sepperate die.

Instalation (fig. 16):
Lower the toolhead and screw the die (with the flaring head removed) in until 1mm above shell-plate, for bigger calibers you can leave more space. Secure the die in place with the locking nut. Insert a shell into the shellplate and lower the toolhead again. Now, screw the flaring head in by hand unitl it touches the case. Raise the toohead and begin adjusting the flaring head in 1/8 turn increments, checking the case mouth after each adjustment for proper flare and expansion. Once satisfied, tighten the locking nut to secure the flaring head.

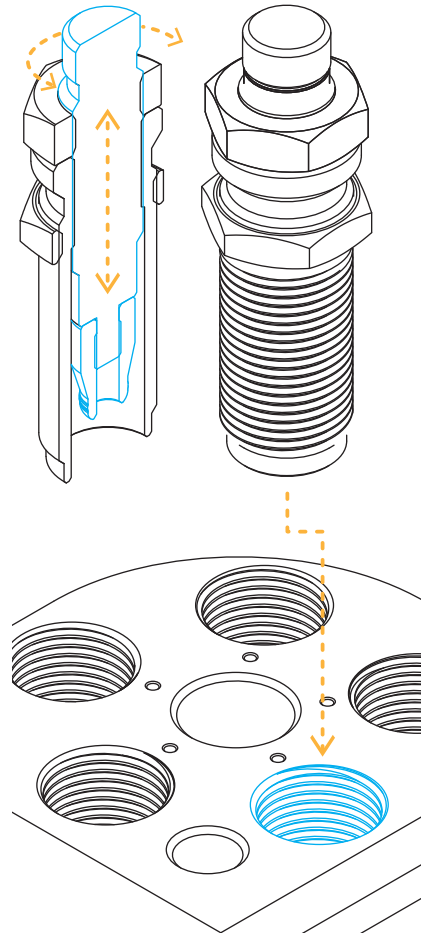


fig. 16

Install the FE die one station before the powder measure or on the same station as the primer seating punch.

Dissassembly and Caliber Change

The ABF Gen 2 is super easy to dissassemble, troubleshoot or change caliber.

Loosen the 2 winged bolts on the front side of the bulletfeeder and the clear upper hopper cover will hinge forward. Now you have access to the drum which is held in place with four magnets and will pop off with a gentle pull away from the carrier. (fig. 17)

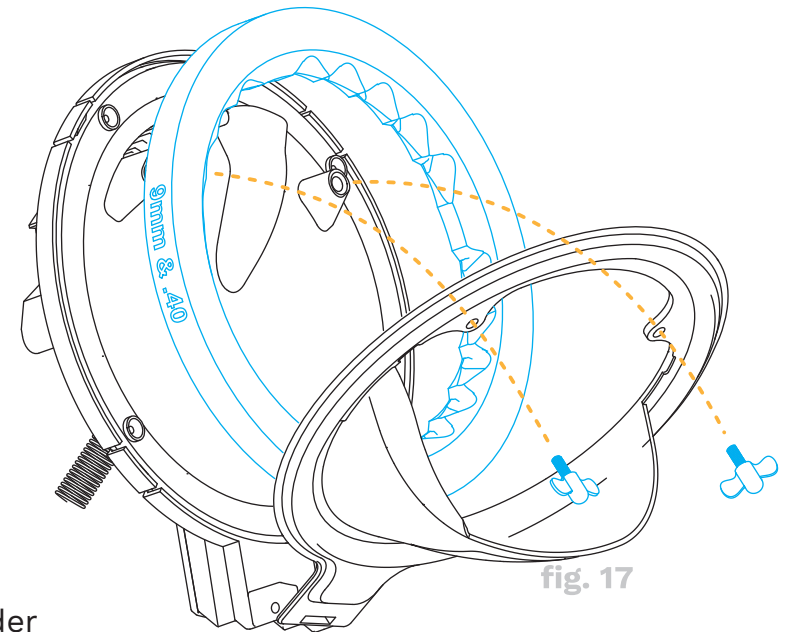


fig. 17

Simply repeat in reverse order to assemble the bulletfeeder back together.