

NUMMECH PRODUCTS

SHOCKER SFT/NXT LOW PRESSURE BOLT GUIDES

Nummech Shocker bolt guides are drop-in accessories that require no special instructions. Apply a light coating of grease onto the bolt guide's three o-rings, then install as normal.

Tip: For best long-term reliability, first push the Shocker firing assembly all the way inside the marker body, **then** tighten the bolt guide freely into the body. This will help preserve the Shocker body threads.

Bumpers:

Nummech bolt guides come with a red "soft" bumper installed. The soft bumper is the same hardness as the factory bumper and is suitable for most bolts.

An optional white "hard" bumper is also included, which is more resilient to prolonged use with bolts that travel faster and/or use "QEV" porting, such as Eigenbolts or Pooty v1 bolts. The white hard bumper can be used with any bolt, but the soft red bumper will shoot better in most situations.

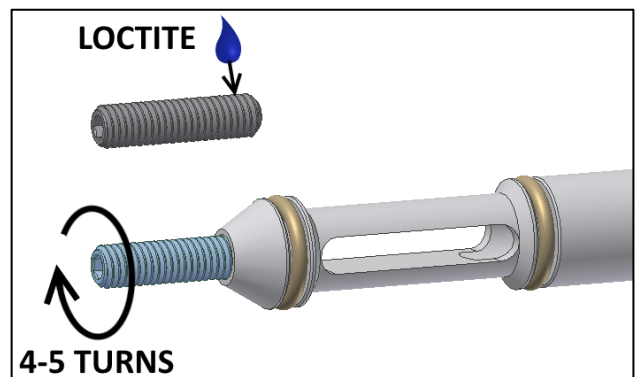
Anti-rollback (ARB) screw installation:

The anti-rollback screw is an optional modification to any Nummech bolt guide stem, which physically blocks the ball to prevent it from rolling back into the bolt face. This modification is optional and not required for normal use.

The ARB mod can only be used with open-face bolts, or any Shocker bolt that has a sufficiently large hole in its face. Therefore the ARB screw cannot be used with Smart Parts bolts, or some NDZ bolts, unless the bolt face is removed by drilling or dremling.

ARB screw installation is simple; follow these steps:

1. Place a small dab of Loctite on the ARB screw. This will prevent it from moving when in use.
2. Install the ARB screw 4-5 turns deep into the front of the bolt guide's stem.
3. Verify the ARB screw's depth by installing the full bolt assembly into your Shocker. Look down your Shocker's feedport to examine the ARB screw's position when installed. Ideally, the ARB screw should be flush with the bolt face.
4. If the ARB screw is sticking out too far into the marker's chamber, remove the bolt guide and screw the ARB further inward. Re-install the bolt guide and check ARB depth again.
5. Allow at least one full day for Loctite to cure.



Airsmith bolt guide – gauge installation:

The Airsmith-style bolt guide (shown below) can utilize a 1/8-NPT minigauge to monitor marker pressure.

1. Remove the existing 1/8-NPT plug (if needed).
2. Wrap the gauge threads with a generous amount of Teflon tape (4 wraps of tape is usually sufficient). Loctite is not recommended because it will make gauge removal difficult in the future.
3. Screw the gauge into the Airsmith bolt guide. Install the gauge as deep as you feel adequate. **DO NOT INSTALL THE GAUGE FLUSH WITH THE OUTSIDE KNOB. The gauge must stick out by a small amount to allow removal. If you screw in too far, you may not be able to remove the gauge in the future!**
4. Install and test. Adjust gauge position if needed.

