

I STRONGLY disapprove of the proposed HB 2005 legislation. I have a current federal firearms license within the state of Oregon as well as have a bachelor's degree in mechanical engineering and have previously exercised my right to manufacture my own firearms for my own personal use with my own privately owned tooling. I have strong knowledge of the actual mechanics of firearms and how they operate. I am also reasonably familiar with both existing state and federal firearms legislation.

One of the biggest problems I have seen is how this has been sold to the public under a false premise which is at best purely negligent. I have seen people claim this is to curb firearms that are undetectable by things such as metal detectors. As far as firearms that are actually "undetectable" by existing screening, those would already be in violation of federal law under the Undetectable Firearms Act of 1988. This is why the initial 3d printed liberator pistol developed by defense distributed had a chunk of metal embedded into it so that would be detectable by a metal detector as required by federal law. Even beyond this, nearly all privately manufactured firearms consist of considerable amounts of metal including aluminum and steel in order to properly and safely contain the chamber pressures of modern ammunition, let alone the lead, brass and steel that the actual modern ammunition consist of that can easily be detected. This just is not a problem and is negligent to be selling any of this legislation as specifically curbing that supposed "problem", especially when we have seen in other states with similar legislation such as California that this legislation has categorically failed to curb the availability of unserialized firearms on the "criminal" market which begs the question of how it would serve this state any better.

Additionally, the point of the serialization requirement put on manufacturers by the gun control act of 1968 was not primarily intended to be used to "stop and or solve crime" the entire initial premise had a lot more to do with tracking the manufacturers for taxation purposes. Even before this requirement was put into law, many manufacturers put serial numbers on their firearms simply for their own internal tracking and quality control. Especially since many early firearms were hand fit by trained gunsmiths and even had additional matching numbers on many other parts of the gun because these firearms were not parts interchangeable with other guns of the same make and model. In our modern era with precision CNC machining with tight tolerances this is far less relevant as many firearms parts are interchangeable across the board with little to no modification even across many different manufacturers. This had absolutely nothing to do with "curbing gun crime". Additionally for firearms that fall under the national firearms act of 1934, those had serialization requirements imposed by the NFA but that was because they were and continue to be specifically restricted arms until such time that the courts strike down the NFA as unconstitutional. Neither of these serialization requirements apply to individuals manufacturing commonly owned and lawful title 1 firearms for their own use. There is no history, text, or tradition as required by the 2022 SCOTUS Bruen decision to support individuals being burdened to serialize their own privately manufactured title 1 firearms.

As far as crime itself, having a number etched into the side of a firearm and it recorded in a dealer's books somewhere has zero mechanical influence on that firearm's inherent "danger" to the public and its ability to mechanically cause harm or alternatively be used to preserve life and liberty. It is also

inherently unable to stop any crime from taking place. The only real way the serial number can be used to curb crime is to hope a firearms is recovered and then track it to see if it was unlawfully obtained which would be a second crime and didn't stop the initial crime from taking place.

A serialized gun can very readily be made into an "unserialized gun" with a simple handheld grinder in a matter of seconds, an act which is already a felony under federal law.

A "ghost gun" can be as simple as a homemade "slamfire" 12 ga. Shotgun made out of common readily available plumbing pipe and assembled in a couple hours with common hand tools and can cost as little as around \$20 in parts to assemble a functional firearm that would be a problem under this legislation.

While the legislation would grandfather guns prior to the GCA of 1968 without serial numbers, it does not allow grandfathering of the many guns that were lawfully obtained in more recent years since the implementation of the GCA without the burden of getting them serialized after this legislation. This is extremely problematic.

In my opinion this legislation is in blatant disregard to the second amendment of the united states constitution, especially in light of recent SCOTUS decisions such as Heller and Bruen. This is also in complete disregard of the Oregon State Constitution Article 1 Section 27. This proposed legislation should remain as such and not advance any farther and should certainly not be put into law.