

- Scope Holes

Receiver (continued)

- Discussed alternate processing - Laser - lower cycle times, cleaner cuts, etc.
- Integration of tang with receiver - pinned/screwed to receiver, combine with stock mold
- No polish matte finish
- No heat treat

Path Forward: Ilion is to provide a rev. 2 high spot estimate to machine the receiver complete with the afore mentioned design changes, including capital money required.

Bolt Assembly - 2 Piece Bolt Body Ass'y - Summary

Bolt Plug

- Synthetic mold - Textured for matte finish
- Need to evaluate strength of Ilion Task Force samples with intentional abuse testing - Dave Findlay
- Need qualification to bolt body ass'y

Path Forward: Ilion is to provide test results to determine if synthetics can withstand pressures in order to determine feasibility.

Bolt Body

- Design to be uni-diameter with straight thru-hole to accommodate use of 1010 steel tubing - No heat-treat
- Defined secondary machining of cam cut, cocking notch & bolt plug recess
- No polish matte finish

Bolt Head

- 3-lug lock-up system
- Defined secondary machining of lugs integrating 45° camming surface
- Feasibility of Seiko extraction system
- Possibility of all bolt heads machined to magnum diameter & inserted with snap spring for regular calibers - Only used in conjunction with Seiko extraction system
- Need qualification to bolt body ass'y - Press fit & pinned

Bolt Handle

- Screw machine part vs. Casting
- Method of attachment to bolt body ass'y dependent upon handle type and design

Path Forward: Ilion is to provide a rev. 2 high spot estimate to machine and assemble the bolt assembly complete with the screw machined bolt handle screwed to the bolt body assembly, including capital money required.