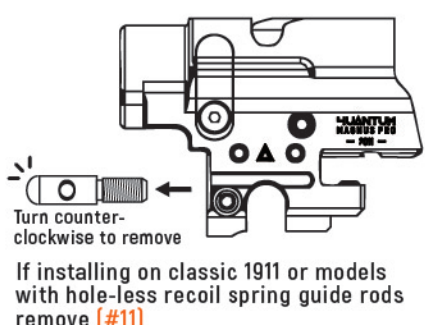


MAGNUS PRO 2011

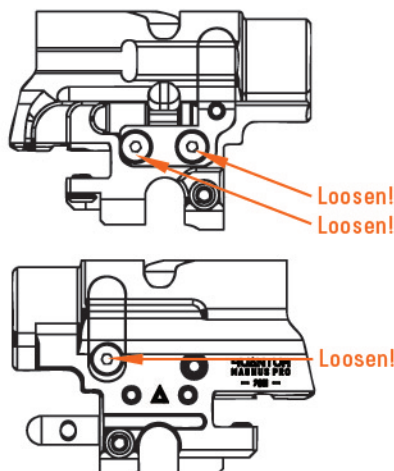
INSTALLATION MANUAL



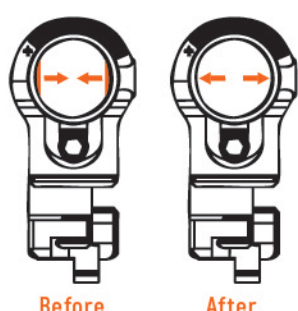
STEP 1

Loosen barrel fixture block screws on both sides until both fixture blocks can clear path for barrel & bucking insertion.

You may also remove these screw completely, but mind the orientation of adjustment transfer shaft (#5) in case it needs to be re-aligned afterwards

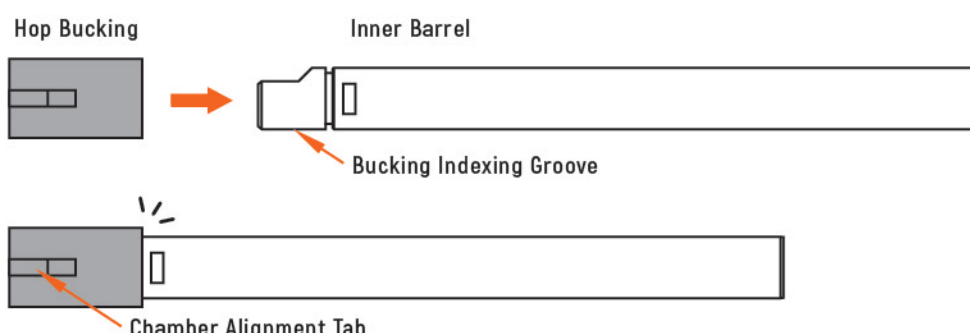


Upon sufficiently loosening all 3 barrel fixture blocks screws, use any small tools to push both fixture blocks (#3&#4) out of the way as shown below



STEP 2

Install hop up bucking on inner barrel, make sure bucking is properly aligned and the indexing rib is fully seated on the groove of the inner barrel.



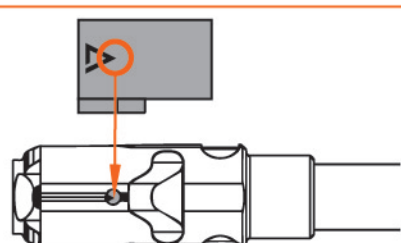
Video Tutorial Included!

Scan here to watch tutorial!



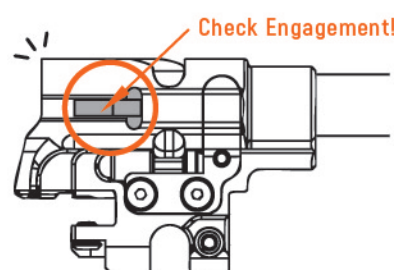
STEP 3

Insert inner barrel & bucking assmeby all the way through the back of chamber, make sure chamber alignment tab is fully seated into the slot on the right side of the chamber.



TIP!

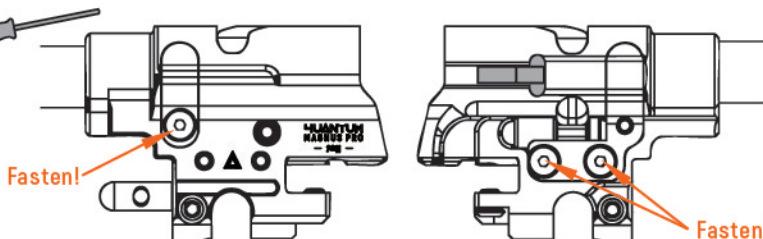
If you are using the 4QUANTUM FrictionPro® high performance bucking, you can use the witness hole on top to check if tip of triangular marking is centered in the hole!



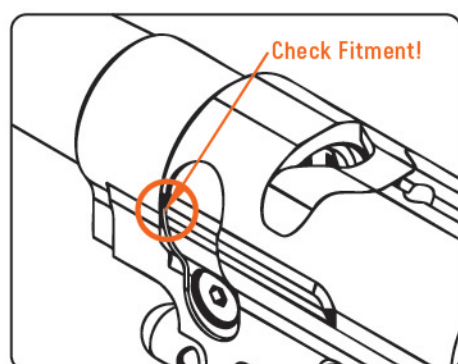
STEP 4

Fasten all 3 fixture block screws to hold inner barrel and hop up bucking in place. When properly installed Fixture block (#3&#4) surface should be recessed from the hop chamber's (#1) surface.

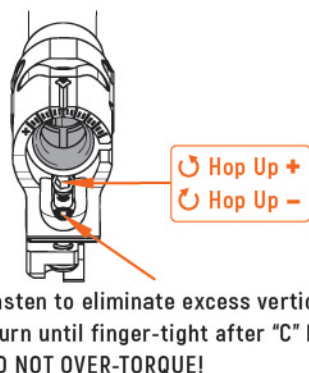
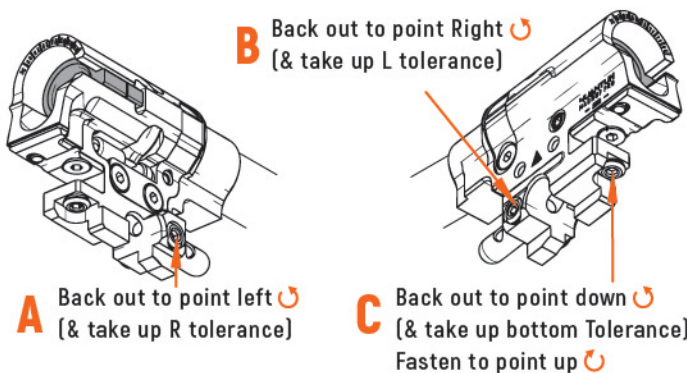
If fixture block surfaces protrude from the housing, The barrel position is misaligned inside the chamber. adjust barrel position and fasten again.



Fixture blocks should be recessed from surface when installed correctly.

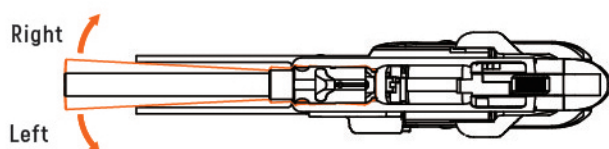


TOLERANCE ADJUSTMENT SCREWS (#10)



STEP 5

To ensure perfect fitment & alignment, the MagnusPro® 2011 features adjustable tolerance and pitch / yaw. If you do not want to use this feature you can leave all the tolerance screws (#10) fully seated for simple assembly, or perform the following steps for perfect fitment!



Yaw Adjustment (Top View)

Make sure the inner barrel's sideways orientation is aligned with lower frame

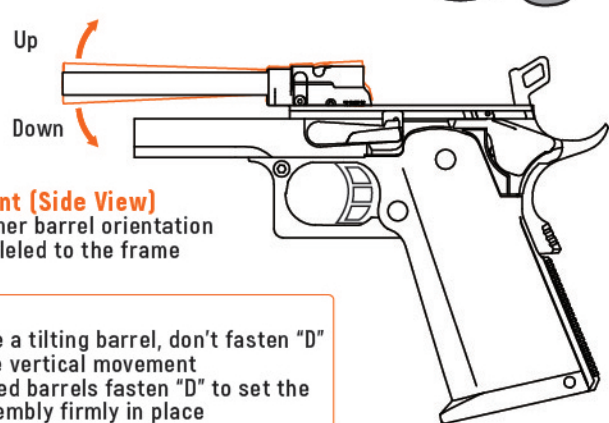
Pitch Adjustment (Side View)

Make sure the inner barrel orientation is perfectly paralleled to the frame

TIP!

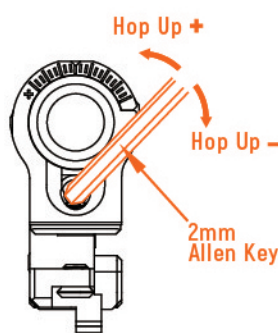
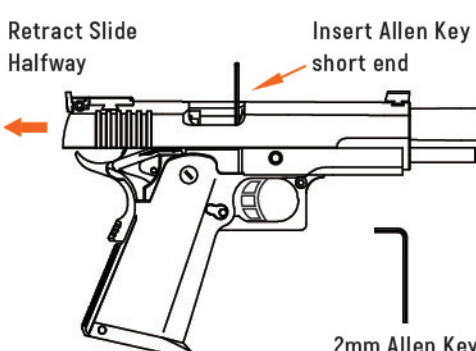
For guns that use a tilting barrel, don't fasten "D" to allow for some vertical movement. For guns with fixed barrels fasten "D" to set the hop & barrel assembly firmly in place

After tolerance and alignment has been properly set, remove hop & barrel assembly from lower frame and finish assembling pistol in normal order.



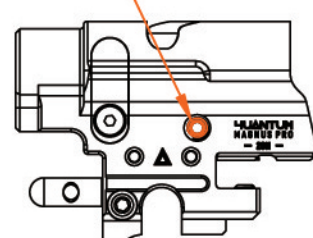
STEP 6

To adjust your Hop Up setting, retract the slide half way & hold. Insert short end of a 2mm Allen key as show below to make adjustments.



⌚ Increase adjustment resistance

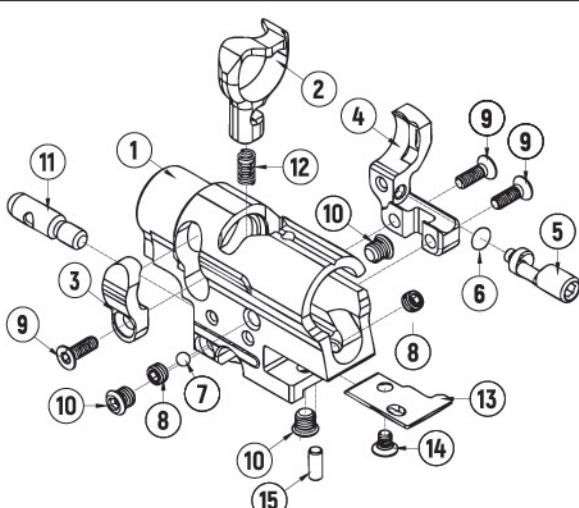
⌚ Decrease adjustment resistance



You can also increase or decrease adjustment resistance via the hop adjustment lock screw (#8) to prevent hop up drift

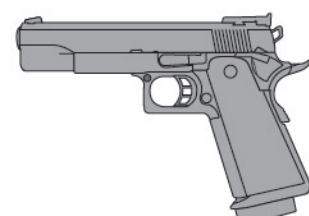


1. MAIN HOUSING
2. HOP CONTROL RING
3. BARREL FIXTURE BLOCK L
4. BARREL FIXTURE BLOCK R
5. ADJUSTMENT TRANSFER SHAFT
6. RUBBER O-RING 1.5x1mm
7. TENSIONING RUBBER PELLET
8. HOP ADJUSTMENT LOCK
9. FASTENER M2x0.45mm
10. TOLERANCE TAKE-UP SCREW
11. 1911 SPRING ROD GUIDE
12. HOP UP RETURN SPRING
13. FRAME TAKE-UP PLATE
14. TAKE-UP PLATE SCREW
15. TAKE UP LATE INDEX PIN



COMPLETE!

Enjoy the amazing performance of your MAGNUS PRO®2011!



Thank you for choosing

4QUANTUM

INDUSTRIES