

# PANTHEON ARMS

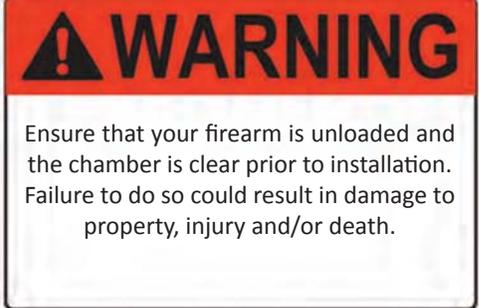


## P.C.C. BARREL STOP INSTALLATION INSTRUCTIONS

Thank you for purchasing the Pantheon Arms Barrel Stop for Dolos/Prometheus equipped pistol caliber AR15 variants! Please read the full instructions prior to installing the Barrel Stop and contact us if you are unsure of any steps.

*Please note that the barrel stop is not compatible with two-piece pinned aluminum lock collars (2016 production). Lock collars produced prior to [October 2017] will need modified by drilling three holes (template available at [pantheonarms.com/pages/resources](http://pantheonarms.com/pages/resources)) to allow access for an Allen wrench.*

### What's in the box:



### Parts needed to complete install:

- Barrel with the following removed: muzzle device, gas block and tube, handguard, Dolos Lock Collar  
*Note: Your barrel profile must have at least 0.800" of flat surface with a diameter of 0.940-1.000" to install the barrel stop.*
- Dolos/Prometheus Lock Collar with holes spaced at 120 degrees.

### Tools needed:

- 3/32" Allen wrench



### Prepping your barrel for install

If you haven't already done so, strip your barrel bare by removing the muzzle device, gas block, handguard, and lock collar. Measure the flat portion of your barrel from the front edge of the barrel extension to the point that the diameter of your barrel begins to change. You will need a minimum measurement of 0.800", with a diameter of 0.940-1.000" to continue with the install.

### Prepping your barrel stop

Take three of the included set screws and install one in each hole of the stop to the point they are just shy of protruding through the inner diameter. If you have thread-locker available, apply a drop to the pin threads and thread it into the face of the stop. A 0.05" allen wrench can be put through the hole to apply torque.



### Add lock collar to barrel and position the stop

Slide your lock collar and barrel stop over your barrel with the pin pointing towards the extension. Guide the barrel stop pin through the hole in the lock collar so it aligns over the barrel extension index pin. The three holes in the lock collar are spaced to align with the barrel stop holes, allowing access with the 3/32" Allen wrench. Make sure the lock collar is against the barrel extension. Use the 3/32" Allen wrench to help in positioning.



### Secure barrel stop to the barrel

Use the 3/32" Allen to begin securing the barrel stop by starting with a half turn on each set screw, moving on to the next screw after each half turn until secure. Ensure that the barrel stop and barrel extension pins remain aligned while tightening. To avoid stripping out the socket of the set screw, use just two fingers to apply torque. Take the last three set screws and install one over each screw that was just tightened to lock them in place. Continue using just two fingers to apply torque to the set screws to avoid stripping the socket (33 in-lbs max torque). The travel of the collar is now limited.



### Install your handguard as normal

Install or reinstall your handguard with your barrel stop installed.

**The installation video to accompany these instructions can be found on our website, [pantheonarms.com/videos](http://pantheonarms.com/videos)**

Please contact us via email at [sales@pantheonarms.com](mailto:sales@pantheonarms.com) with any questions.