

# LEO Takedown V2 Install Instructions

## Video Available at [www.LEOTakedown.com](http://www.LEOTakedown.com)

Always make sure your firearm is unloaded before performing any modifications

### Tools and Supplies Needed:

1/4" allen wrench, 9/64" ball-end allen wrench (ball-end for easiest assembly), Red Loctite or equivalent thread locking compound

Assortment of barrel nut rail shims.

1" PVC or steel tube slightly longer than the barrel being installed, and a hammer

Standard AR tools for the rail, gas block, and compensator, and an AR15 Receiver vice

### Install the receiver coupling:

1. Clamp receiver in AR15 assembly vice of your choice
  2. Install receiver coupling (A) all the way down on receiver  
There are 4 supplied holes in the coupling for the gas tube, back off to the first available one that lines up, and check fitment by installing the barrel and barrel coupling per the instructions for mounting the barrel coupling. If the spring sleeve does not close on the barrel coupling, back off another 1/4 turn to the next gas tube hole, and check again until the spring sleeve closes on the barrel coupling. Remove the barrel and coupling.
  3. Mark the position opposite the gas tube hole (6:00 position) with the 1/4" allen wrench and remove the receiver coupling.
  4. Install receiver set screw (B) by pulling it in to the back of the receiver coupling with the 1/4" allen wrench.
  5. Coat the receiver threads with thread locker, and re-install receiver coupling to previous position with the set screw at the 6:00
  6. Use gas tube to align receiver and coupling gas tube holes – gas tube must not bind
  7. Check to make sure barrel and barrel coupling install as before.
  8. Hang upper receiver from rear take down hole and allow threadlocker to cure per the instructions.
  9. After Thread locker is cured, remove barrel and tighten the 6:00 set screw.
  10. Install anti-rotation bolts (C) on either side of the top receiver rail using the 9/64 ball-end allen wrench
- Receiver coupling is now installed

### Mounting the barrel coupling:

1. Slide barrel coupling (D) on barrel with threads toward the muzzle. Coupling should fit over the barrel extension lip
2. Line up the mark on the outside of the barrel coupling with the barrel extension pin.
3. Hold barrel coupling in place and line up barrel extension pin at 12:00 position.
4. Pull back on receiver coupling slip ring and install barrel and coupling on receiver
5. Evaluate fit of barrel by checking for play between barrel and receiver.
6. Add shims between barrel extension, and barrel coupling, as needed to get a tight fit.  
When finished, slip ring should just close on receiver coupling, with little to no gap. The shims are necessary due to variations in the receiver threads.  
  
To confirm that the shims are correctly seated, with no gaps or creases, slide the wedge cap (F) with the flat side to the upper, over the barrel. Then, slide the 1" tube over the barrel, resting squarely on the spacer, and proceed to give the muzzle end of the tube a couple of sharp raps with the hammer. Check to make sure the barrel is still tight in the receiver with no play. Add shims and repeat as necessary.
7. When the barrel is correctly shimmed, slide the coupling wedge (E) over the barrel thin side first and push down into the barrel coupling as far as it will go by hand.
8. Slide the 1" tube over the barrel and seat it on the back of the wedge.
9. the hammer, drive the wedge into the coupling with the tube until the wedge is fully seated.
10. Remove barrel from receiver, place barrel extension side down on solid, non-marring surface, like a wood block, and use the pvc tube to drive the wedge into the barrel coupling to make sure it is firmly seated.
11. Install the wedge cap (F) over the wedge with the flat side toward the muzzle.
12. Install rail mounting nut as usual, but do not exceed 25 ft lbs of torque.
13. Install gas block, gas tube, Rail and Muzzle device as normal.

View the install video online at: <http://www.LEOTakeDown.com>