

OUTERWILD

OUTPOST

PROUDLY MADE IN AMERICA



AR10 LOWER RECEIVER

WITH RIGHT SIDE BOLT RELEASE

INSTALLATION

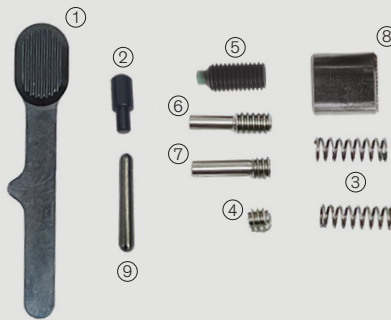


Congratulations

on your purchase of our in-house machined AR10 lower receiver by Outerwild Manufacturing.

It is the perfect foundation for your custom AR10 build. Your purchase includes proprietary components for the AR10 lower receiver. These are specific to our lower receiver and might not be compatible with other lower receivers.

Your proprietary components to start your installation:



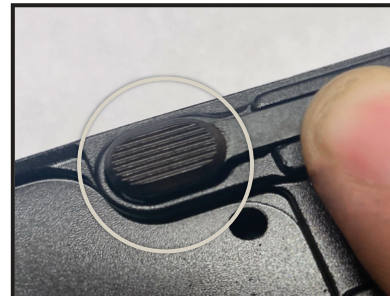
- 1) Right Side Bolt Release Lever
- 2) Bolt Catch Detent
- 3) Bolt Catch Springs (2)
- 4) Cap Screw for Rear Takedown Pin Detent Spring
- 5) Upper Receiver Tensioning Screw
- 6) Bolt Catch Screw
- 7) Bolt Release Lever Screw
- 8) Extended Magazine Button
- 9) Right Side Bolt Release Transfer Rod

STEP 1 Recommended bolt release lever installation procedure:



1A

With the lower receiver laying on it's left side, place one of the bolt catch springs into the round recess in the release lever pocket.



1B

Place the bolt release lever into the pocket with the spring lined up with the protrusion on the underneath side of the bolt release lever.

Compress the bolt release lever into the pocket and insert the bolt release lever screw from the top of the lower receiver.

The bolt release lever screw is the one with the shorter threads.



1C

Hand tighten the screw with a 1/16" hex driver. Medium strength thread locker is optional on this screw.



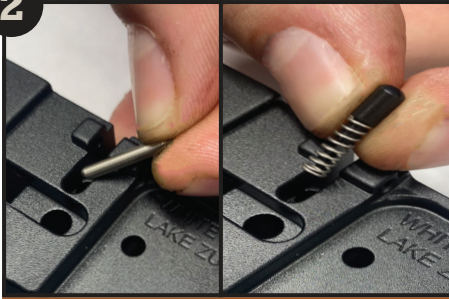
DO NOT OVER-TORQUE AND STRIP THE THREADS

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STEP 2 Turn the lower receiver over so that it is resting left side up and follow these next steps:



2A
Install the right side bolt release transfer rod into the detent pocket, followed by the bolt catch spring and bolt catch detent.



2B
Place your bolt catch into the proper location and insert the bolt catch screw so that the bolt catch is retained. Place a small amount of medium strength thread locker onto the threads and hand tighten using a 1/16" hex driver.

HELPFUL HINT:

Apply a small dab of lithium grease on the end of the transfer rod. This alleviates the ticking noise created by the rod moving back and forth.

STEP 3



3A
Install your rear takedown pin from the bottom with the milled groove facing toward the bottom of the receiver.

3B
Insert your takedown pin detent and make sure that it engages with the milled slot in the pin to prevent it from rotating.

HELPFUL HINT:

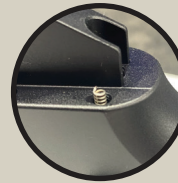
Use wire cutters and snip off approximately 1/8" of your detent spring and insert it behind the detent. This will alleviate tension in the spring.



STEP 4



4A
Insert the rear takedown pin detent spring. With a 1/16" hex driver, use the cap screw to compress the spring into the threaded takedown pin detent hole and rotate clockwise to engage the threads.



4B
Tighten the cap screw until it is flush with the rear of the receiver.

NOTE:
NO thread locker to be used on this cap screw.

STEP 5 Recommended upper receiver tensioning screw installation procedure:



NOTE: This screw is not required and is used to remove any excessive play between the upper and the lower receiver.

- Place your unloaded upper receiver onto your lower receiver and secure with the pivot pin and takedown pin.
- Insert the receiver tensioning screw from the bottom using a 1/8" hex driver.
- Turn the screw until the nylon tip contacts the upper receiver.
- Increasing pressure will tighten the upper receiver to the lower.
- Too much tension will make it difficult to remove the rear takedown pin and cause premature wear in buffer tube from BCG rub.
- Once you are satisfied with the tension, install your pistol grip as normal.



NOTE: We recommend a dab of medium strength thread locker to be used on this screw.

We would love to see photos of your builds, or write us a review or comment! Marketing@OuterwildOutpost.com