



AR-15 BUILD COURSE PARTS LIST

TOOLS LIST

SUPPLIED

- 3/32" pin punch
- 3/32" roll pin starter punch
- 3/32" roll pin punch
- 5/64" roll pin punch
- 1/16" roll pin punch
- Bench block
- Bench mat

RECCOMENDED

- Small flashlight or headlamp
- Set of picks/probes
- Tweezers
- Needle nose pliers
- Castle nut wrench

MANDATORY

- Safety glasses
- Hammer
- Screwdriver and applicable torx, allen, and flat head bits for specs of individual students' firearm (specifically, bits to fit pistol grip, BUIS, gas block, handguard screws, and any other screws on the firearm)
- Pivot pin installation tool
- Barrel Nut Wrench for their specific barrel nut (typically supplied by manufacturer of most free float handguards, but not always.)

PARTS LIST

- Upper receiver
- Lower receiver

LOWER PARTS

- Buttstock/pistol brace
- Buffer tube
- Buffer spring
- Buffer
- Buffer retainer and spring
- Castle nut
- Receiver end plate
- Takedown pin, detent, & spring
- Pistol grip, screw, and washer
- Selector, spring, and detent
- Trigger assembly (trigger, hammer, trigger & hammer springs, disconnecter, disconnecter spring, trigger & hammer pins)

- Magazine release and spring
- Bolt catch, spring, detent, and roll pin
- Pivot Pin, detent, and spring
- Trigger guard and roll pin (if not integral to lower)

UPPER PARTS

- Charging handle,
- Complete Bolt Carrier Group, consisting of -
 - Bolt carrier assembly (carrier, gas key, and screws)
 - Bolt assembly (bolt, gas rings, extractor, extractor spring & pin, ejector, ejector spring and pin)
 - Bolt cam pin
 - Firing pin
 - Firing pin retaining pin
- Ejection Port cover, pin, spring, & C-clip
- Forward Assist assembly, spring, & roll pin
- Barrel
- Gas block and mounting screws
- Gas tube and pin
- Muzzle device and crush washer/shims as appropriate
- Handguard and appropriate barrel nut
- Magazine and correct ammo needed for test fire
- Sights (iron sights or red dots with integral bases can be mounted during class, any optic requiring leveling for install will be done after class, unless extra time is available)
- Optional add-on accessories, such as sling/mounts, bipod/mount, vertical foregrip, etc., are optional, and will be addressed only if there is time available.