NRA Assembly/Disassembly Guides
Practical Exercise

This sneak preview of your study material has been prepared in advance of the book's actual online release.
Almost all types of gun work require some amount of disassembly. With your knowledge of basic firearms operation, common sense, your mechanical ability, and a little patience, you should be able to disassemble, and just as importantly, re-assemble just about any popular firearm.

The National Rifle Association (NRA) probably produces the most popular disassembly/assembly guide. We provide two such books, *Firearms Assembly—The NRA Guide to Rifles and Shotguns* and *Firearms Assembly—The NRA Guide to Pistols and Revolvers*, as part of your program. These books provide basic, illustrated disassembly instructions for almost 300 of the most popular firearms.

Besides the important technical information they contain, there are numerous fascinating stories about the people whose ideas and innovations shaped the firearms field as we know it today.

We based the examination at the end of this practical exercise on the NRA guides. Completing the exam will help you become more familiar with the NRA guides. You’ll find the information you need to answer the exam questions in the guides.

The library of almost every successful firearms professional contains the NRA books. Gunsmiths refer to these books often.

Now that you’re approaching the end of your gunsmith program, you probably understand that you’re just beginning your professional education. The firearms industry is a dynamic one, and it’s constantly changing. The successful gunsmith knows that he or she can’t afford to stop learning. There will always be new products introduced. There will always be new shooting trends and styles to explore. Your knowledge of new products, trends, and styles will affect your sales and services and therefore your business. We’re going to discuss a few methods that you can use to enhance your professional knowledge and keep one step ahead of the competition.
**Activity 1: Attend Gun Shows**

Gun shows have been an American tradition for more than 50 years. Originally, gun collectors brought out their collections to show fellow collectors. This usually led to some good old-fashioned “horse trading.” Most collectors would rather trade for another gun to add to their collection than sell a gun outright. Soon, the collectors formed clubs and invited the general public to their “meetings.” Eventually gun shows evolved into large displays of modern guns, ammunition, and general shooting merchandise, as well as historical and collectible treasures.

Many shooters and gun buffs go to gun shows just to look around or to look for a bargain. The wise gunsmith will go to a gun show to observe and learn.

**Finding Out about Gun Shows**

Here is a list of ways you can find information about where the gun shows are held.

*Gun shops.* Many shops will know locations and dates of gun shows.

*Word of mouth.* Anywhere shooters congregate, they often discuss where they attend gun shows.

*Specialized publications.* Shotgun News, The Gun List, and The Gun Show Calendar, all list a schedule of gun shows.

*Gun magazines.* The American Rifleman and The American Hunter are two magazines that list gun shows.

**Visiting a Gun Show**

After you find out where the gun shows are, visit the ones you can. With many used guns offered for sale, you’ll get a good idea of their real (not just book) value. You’ll see rare and unusual guns that you didn’t even know existed. Keep notes about the unusual or rare guns that you see. You’ll meet people who are experts in their field of collecting. They may become a good resource for research on guns that you may come across. You’ll be surprised by the condition of some of the very old guns that you’ll find. Some will be in almost new condition and may even have the original factory box. Gun shows can be a valuable resource for information, gun parts, guns and ammo, as well as being a good time.
Analyzing the Shows

You can take the extra step and not only attend gun shows, but also analyze the shows that you attend. You can ask yourself the following questions.

- Is it a collector’s show?
- Does the show have a theme? That is, do you see mostly Civil War guns and accoutrements? World War II guns and accessories? Winchesters? Colts? Rugers?
- Is it a general gun show?
- What are the prices on popular used guns?
- What military surplus guns are available? What are the current prices?
- What military surplus ammo is available?
- Are there any parts dealers present at the show?
- Are any dealers having a close-out on any products that you can use in your shop?

Activity 2: Visit Shooting Ranges

You visit shooting ranges for the same reason you engage in many of the other activities that we suggest—to learn.

To find out about shooting clubs, inquire at your local game commission, gun shops, gun shows, or in the Yellow Pages.

Following is a list of the popular trends you can explore in local gun sports.

- Sporting clays
- Metallic silhouettes
- Cowboy action shooting
- PPC (Practical Police Combat)
- IPSC (International Practical Shooting Confederation)
- NRA action shooting
- Bulls-eye
- Civilian Marksmanship Program, formerly called DCM (Director of Civilian Marksmanship) program
- Small bore
International styles
Various types of shooting leagues

Find out what guns, equipment, and accessories are in demand for the sports listed above. Explore the idea of catering to one or more of these shooting specialties.

Activity 3: Community Service

A good place to start your inquiries about how you can best serve your community is by contacting the National Rifle Association.

- Contact your NRA state representative.
- Talk with local NRA-affiliated shooting organizations.
- Speak to local NRA-affiliated collector’s organizations.
- Plan or attend local events such as “Friend’s of the NRA” dinners.

Another way to serve your community is to get involved with safety training.

- Contact your state’s Fish and Game Commission for information on sponsoring “Hunter Safety” courses.
- Find out how to become a hunter safety instructor.
- Sponsor the NRA’s Eddie Eagle gun safety program in your area schools.
When you feel confident that you have mastered the material in this practical exercise, complete the following examination. Then submit only your answers to the school for grading, using one of the examination answer options described in your “Test Materials” envelope. Send your answers for this examination as soon as you complete it. Do not wait until another examination is ready.

Questions 1–20: Select the one best answer to each question.

We based this practical examination on Firearms Assembly—The NRA Guide to Rifles and Shotguns and Firearms Assembly—The NRA Guide to Pistols and Revolvers.

1. When disassembling the SKS or Simonov carbine, what must you do before removing the trigger guard?
   A. Remove the hand guard.
   B. Pull the trigger.
   C. Put on the safety.
   D. Remove the stock.

2. How many barrel retainer screws secure the barrel of the standard Ruger 10/22 rifle?
   A. 1
   B. 2
   C. 3
   D. 4

3. What is the clip capacity of the Italian Carcano rifle?
   A. 5
   B. 6
   C. 10
   D. 15
4. What is the average chamber pressure of the 30 carbine cartridge used in the U.S. M1 carbine?
   A. 25,000 psi  
   B. 30,000 psi  
   C. 40,000 psi  
   D. 53,000 psi

5. What is the NRA part number for the part that retains the spring cover (loading gate) of a Winchester Model 94 carbine?
   A. 29  
   B. 32  
   C. 35  
   D. 56

6. What is the NRA part number of the part that you must press to remove the bolt of a Remington Model 700 rifle?
   A. 6  
   B. 18  
   C. 39  
   D. 47

7. How many locking lugs are on the bolt of a Remington 788 bolt-action rifle?
   A. 2  
   B. 3  
   C. 6  
   D. 9

8. On a Remington 1100 shotgun, what is the NRA part number of the part that retains the barrel assembly?
   A. 64  
   B. 70  
   C. 75  
   D. 76

9. On a Savage 99, what type of tool do you need to remove the sear screw nut?
   A. Sear screwdriver  
   B. Philips screwdriver  
   C. Split-bladed screwdriver  
   D. Angle screwdriver

10. For the Colt 1911 type auto pistol, what assembly must you remove prior to removal of the trigger?
    A. Hammer assembly  
    B. Sear assembly  
    C. Safety assembly  
    D. Magazine catch

11. How far must you pull the slide back for the locking slide of a Glock pistol to disengage from the slide?
    A. \( \frac{3}{4} \) inch  
    B. \( \frac{5}{8} \) inch  
    C. \( \frac{1}{2} \) inch  
    D. \( \frac{5}{8} \) inch

12. On a standard Luger pistol, what must you remove prior to removing the barrel, receiver, and breech assembly?
    A. Hold-open latch  
    B. Receiver axle  
    C. Firing-pin spring guide  
    D. Trigger plate assembly

13. What is the main difference between the Ruger Blackhawk and the Ruger New Model Blackhawk?
    A. Firing pin  
    B. Transfer bar  
    C. Cylinder  
    D. Barrel assembly
14. What is the correct procedure for loosening the side plate on a S & W Military & Police revolver?
   A. Gently lift the plate with a screwdriver.
   B. Tap the opposite surface of frame with wood.
   C. Use the special factory tool.
   D. Pull the hammer back repeatedly until the plate loosens.

15. What is a feature of the Lahti pistol that could have catastrophic results if the pistol is fired?
   A. It can be fired with the safety on.
   B. It can be fired without the locking block.
   C. It can fire more than one cartridge at a time.
   D. It can be fired without the decelerator.

16. You need a special tool to take apart what assembly of the Lee-Enfield No. 4 rifle?
   A. Magazine
   B. Bolt
   C. Sear
   D. Striker

17. Where do you reach the bolt stop on a Remington 600 bolt-action rifle?
   A. Inside the trigger guard
   B. To the left of the front receiver ring
   C. In back of the trigger
   D. In the left rear of the bolt channel

18. What method or device do you use to secure the barrel of a Remington Model 572, 22 caliber slide-action rifle?
   A. Barrel is screwed directly into the receiver
   B. Barrel is pinned to receiver
   C. Barrel lock screw
   D. Barrel wedge

19. On the Colt 1911 type of pistol, what gun part can you use to help with the removal of the magazine catch assembly?
   A. Sear spring
   B. Hammer
   C. Toggle
   D. Grips

20. What is the unique feature of the Astra Models 400 and 600 pistols' operation?
   A. They're recoil operated.
   B. They're long recoil operated.
   C. They're gas operated.
   D. They're blowback operated.