

**Corona Police Department
Armorer School – Double Action Auto 1
Course Outline**

1. Introduction to Armorer's Maintenance
 - a. Firearms safety
 - b. Setting up a safe work space

2. Design and Components
 - a. About Sig Sauer classic pistols
 - b. Design information
 1. Trigger systems
 2. Cycle of operation
 3. Safety features
 4. Mechanical safeties
 5. Additional safeties

3. Field Stripping
 - a. Field stripping the Sig Sauer P229
 - b. Assembling the Sig Sauer P229
 - c. Magazine disassembly
 - d. The disassembled magazine
 - e. Reassembling the magazine

4. Preventive Maintenance
 - a. Care and cleaning
 - b. Required cleaning equipment
 1. Fixed handle cleaning brush
 2. Bore brush
 3. Slotted patch holder and jag
 4. Patches
 5. Cleaning solvent
 6. Solvent brush
 7. Dry brush
 8. Screw driver
 9. Compressed air
 10. Cloths
 - c. Cleaning the pistol
 1. Receiver
 2. Slide
 3. Barrel
 - d. Lubrication
 1. Quality oil
 2. Points of Lubrication
 - e. Inspection
 1. Barrel

- 2. Frame and slide
 - 3. Recoil spring and guide
 - f. Barrel
 - g. Frame and slide
 - h. Recoil spring and guide
 - 1. Function checks
 - 2. Ammunition guidelines
 - i. Preventative maintenance details
 - 1. Preventive maintenance schedule
 - 2. Parts replacement schedule
5. Weapon Functions
- a. Double action/single action function
 - 1. Double action firing
 - 2. Single action firing
 - 3. Double action only (DAO) function
 - 4. Double action Kellerman (DAK) function
 - b. Safety system functions
 - 1. The disconnecter
 - 2. Decocking lever, Safety intercept notch & hammer reset spring
 - c. Locking and unlocking
 - d. Arresting mechanism
 - 1. Slide catch lever
 - 2. Magazine follower notch
6. Armorer Disassembly and assembly
- a. Armorer maintenance
 - 1. Parts inspection
 - 2. The slide
 - 3. Assembling the slide
 - 4. The frame
 - 5. Disassembly & Assembly
 - a. Removing the grip plates
 - b. Removing and disassembling the trigger assembly
 - c. Removing the hammer strut assembly
 - d. Removing and disassembling the hammer and sear assemblies
 - e. Removing and disassembling the decocking lever assembly
 - f. Removing and disassembling the magazine catch
 - g. Installing the magazine catch
 - h. Reversing the magazine catch
 - i. Installing the decocking lever assembly
 - j. Installing the hammer and hammer strut assembly
 - k. Installing the hammer stop assembly
 - l. Installing the sear assembly
 - m. Installing the trigger assembly
 - n. Installing the grip plates, left and right

o. Installing the Locking Insert

7. Troubleshooting

- a. Troubleshooting
 - 1. Definitions
 - 2. Failure to feed
 - 3. Failure to chamber
 - 4. Failure to cock
 - 5. Failure to fire
 - 6. Failure to extract
 - 7. Failure to eject
 - 8. Failure to lock the slide to the rear
 - 9. Premature lock back
 - 10. Other malfunctions

8. Sight Adjustments

- a. Sight adjustment
 - 1. Zeroing the pistol
 - 2. Sight specifications
 - 3. Using the combination sight pusher
- b. Front sight adjustment, removal and installation
- c. Rear sight adjustment, removal and installation

9. Model P220

- a. Design and components
- b. Detailed disassembly and assembly
 - 1. Extractor removal and Installation (one piece slide)
 - 2. Slide disassembly and assembly (two-piece slide)
 - 3. SAO safety removal and installation

10. Model P226

- a. Design and components
- b. Detailed disassembly and assembly

11. Model P229

- a. Design and components
- b. Detailed disassembly and assembly

12. Model P239

- a. Design and components
- b. Detailed disassembly and assembly
 - 1. Hammer assembly removal and installation

13. Practical Exam

- a. Strip pistol to frame, all students put parts in barrel

b. Assemble and function test a pistol from the parts