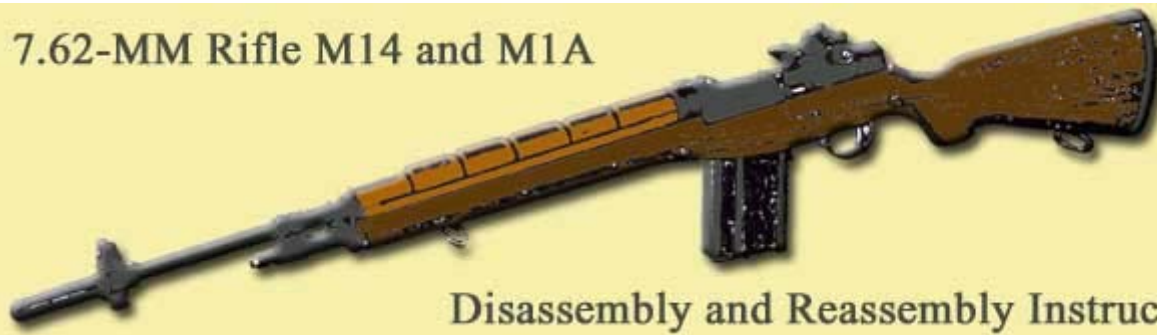
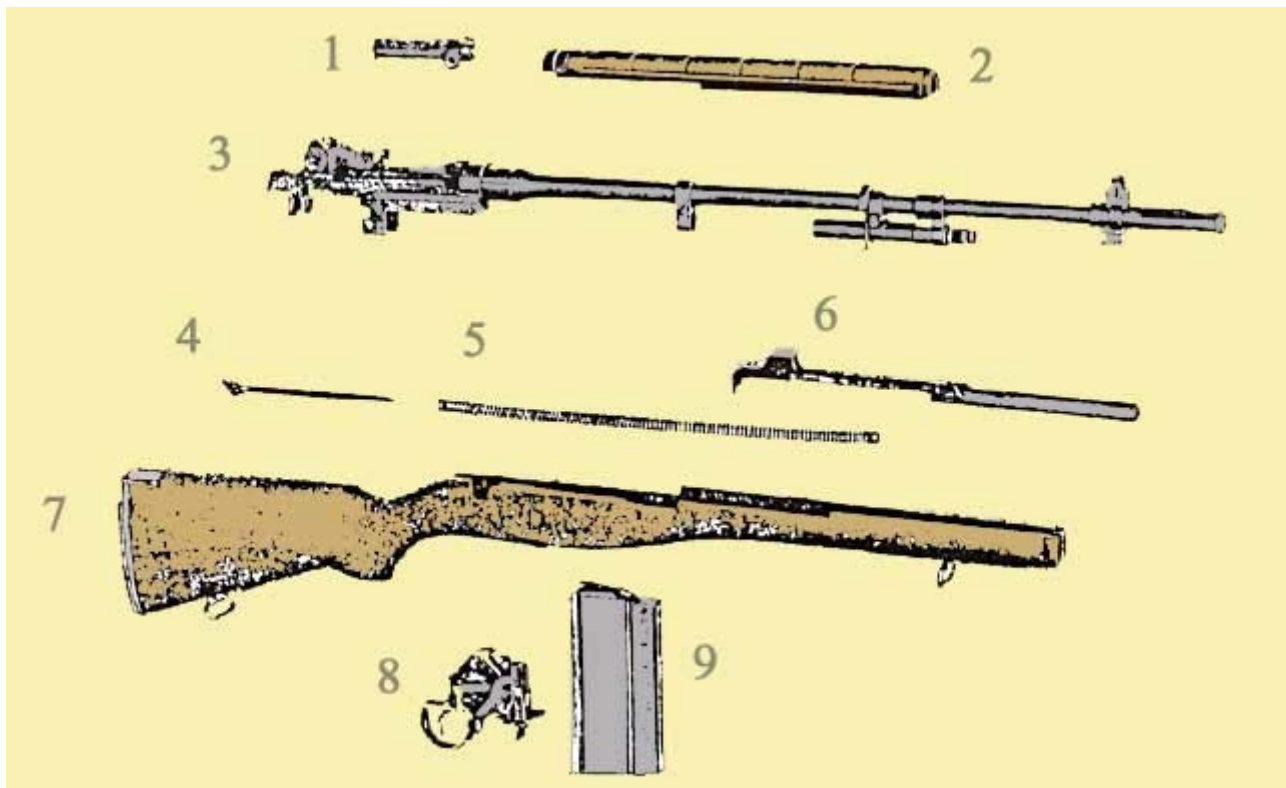


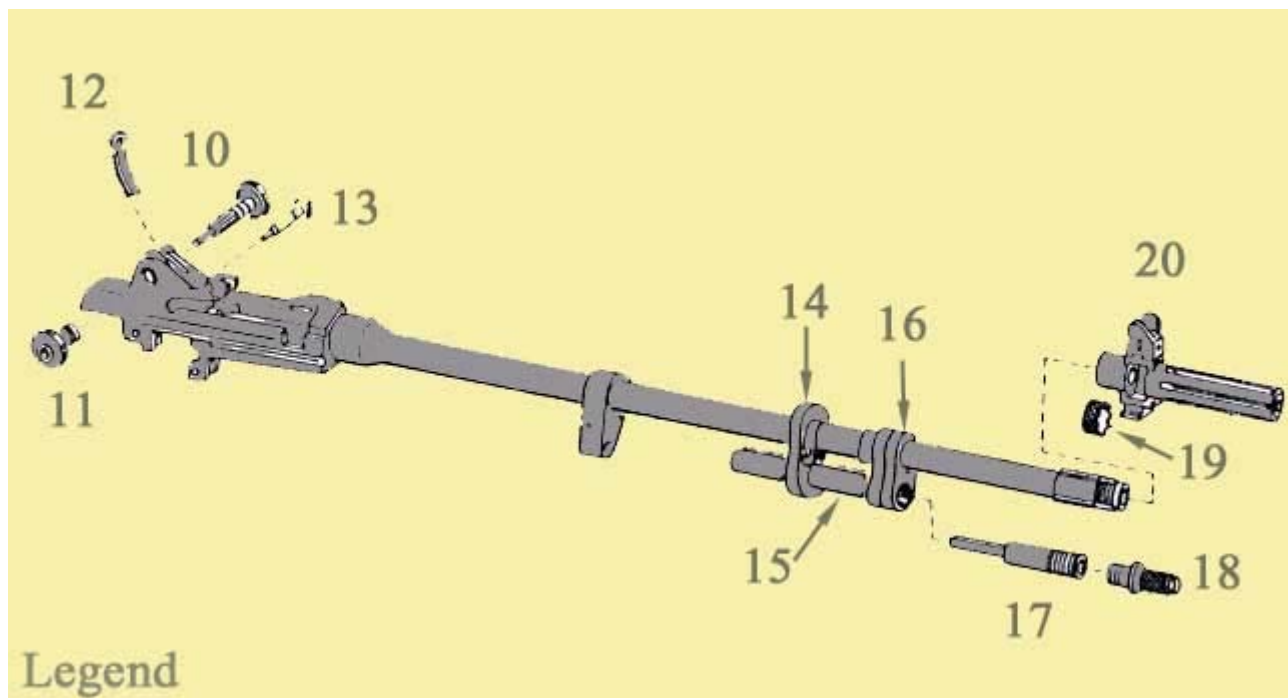
7.62-MM Rifle M14 and M1A



Disassembly and Reassembly Instructions

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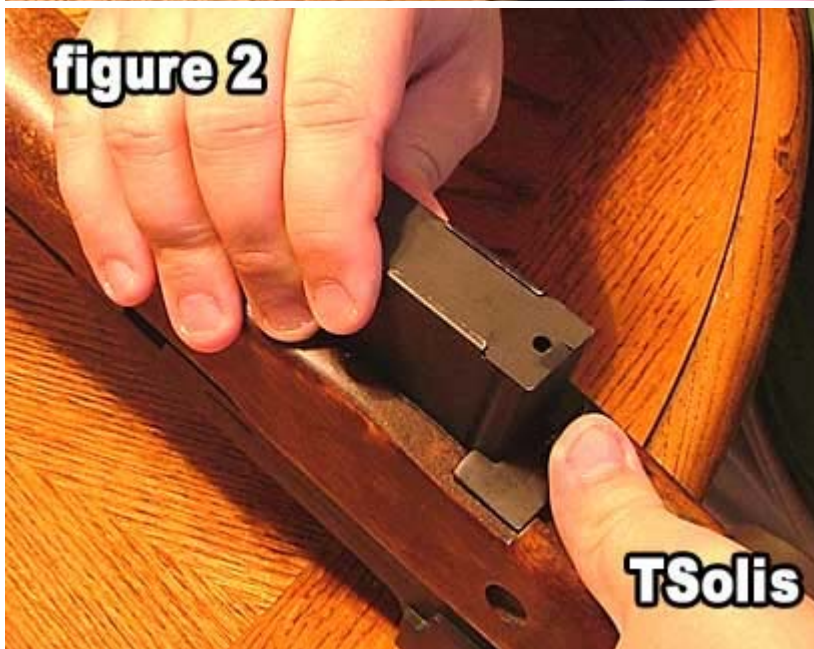


Part Number	Description
1	Bolt Assembly
2	Hand Guard Assembly
3	Barrel and Receiver Group
4	Operating Rod Spring Guide
5	Operating Rod Spring
6	Operating Rod
7	Stock w/Butt Plate Assembly
8	Firing Mechanism (Trigger Assembly)
9	Magazine
10	Pinion Assembly
11	Windage Knob
12	Aperture
13	N/A
14	Front band
15	Gas Cylinder
16	Gas Cylinder Lock
17	Gas Piston
18	Gas Cylinder Plug
19	Flash Suppressor Nut
20	Flash Suppressor and Front Sight

1) With the rifle pointed in a safe direction, pull back on the operating rod handle and make certain the firearm is



not loaded.



2) Depress the magazine release.

3) Pivot the magazine forward and remove.



4) Pull back on the operating rod handle to disengage the bolt stop.

5) Allow the operating rod and bolt to close forward.



6) Depress the safety.

7) Lock safety in safe position.



8) Push rear of trigger guard to the rear and unlock.

9) Rotate the trigger guard forward.



10) Pull the trigger assembly straight upward and out of rifle.

11) Pivot the receiver as shown in figure 11.



12) Lift the barrel and receiver group out of the stock.



13) Open the butt plate assembly cover.

figure 14



14) Loosen the lower butt plate screw.

figure 15



15) Remove the lower butt plate screw.

16) Pull the rear swivel straight out.



17) Remove rear swivel and set aside.

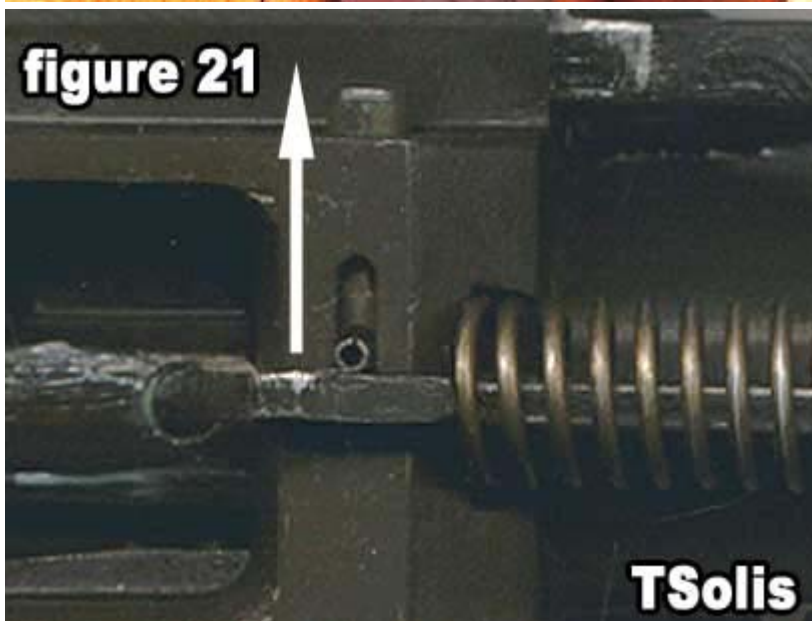


18) Loosen the upper butt plate screw.



19) Remove the upper butt plate screw.

20) Remove the butt plate assembly.



21) Figure 21 shows the operating rod spring guide held in place by the connector lock. Note the direction of arrow. If you move the lock in the direction of the arrow the operating rod spring guide will be free to be removed from the barrel and receiver group. **Safety Caution:** The operating rod spring guide is compresses the operating rod spring and will fly out with considerable force and travel a great distance if not controlled.

22) Move the connector lock via the connector lock pin to free the operating rod spring guide.



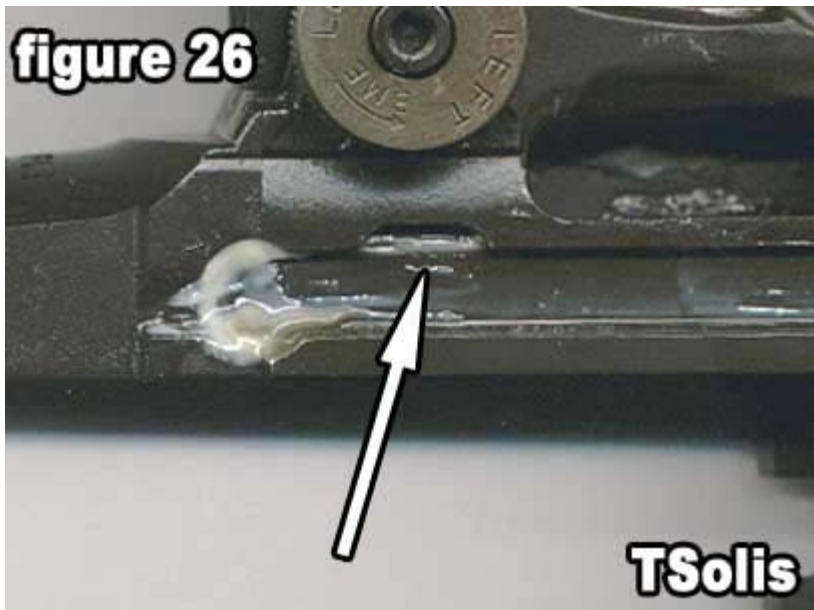
23) Slowly allow the operating rod spring guide and operating rod spring to expand so the operating rod spring guide does not fly out.

24) Pull the operating rod spring guide and operating rod spring out of the operating rod.



25) Separate the operating rod spring guide from the operating rod spring.

26) Note arrow in figure 26 pointing to notch in receiver.



27) Pull the operating rod to rear of receiver to notch.

28) Lift operating rod out of the notch and pivot out of the operating rod guide at front of the operating rod.



29) Pull the bolt out of the receiver.



30) Loosen the flash suppressor's round nut set screw.



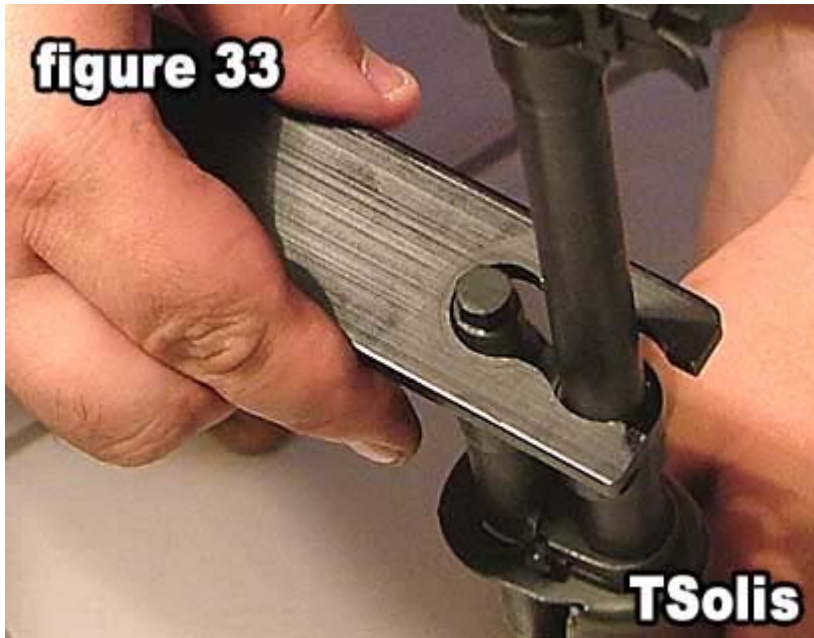
figure 31



TSolis

31) Figure 31 shows an indispensable tool, the gas cylinder wrench, that helps when disassembling the flash suppressor or gas cylinder assembly. The tool can be purchased from [Fulton Armory](#) for \$9.95.

32) Figure shows castle nut pliers for removing the flash suppressor nut. [Brownells](#) carries several types. The wrench pictured can be purchased for \$13.95.

figure 32**TSolis****figure 33****TSolis**

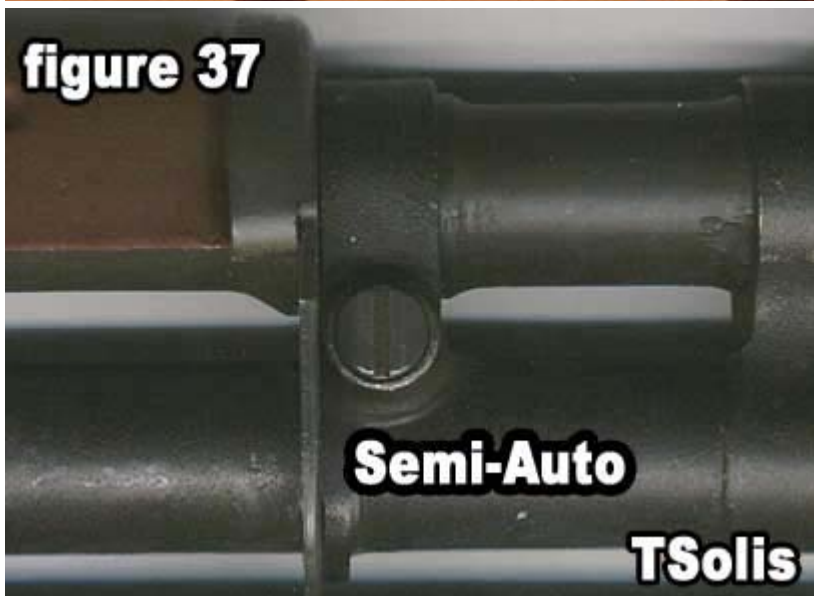
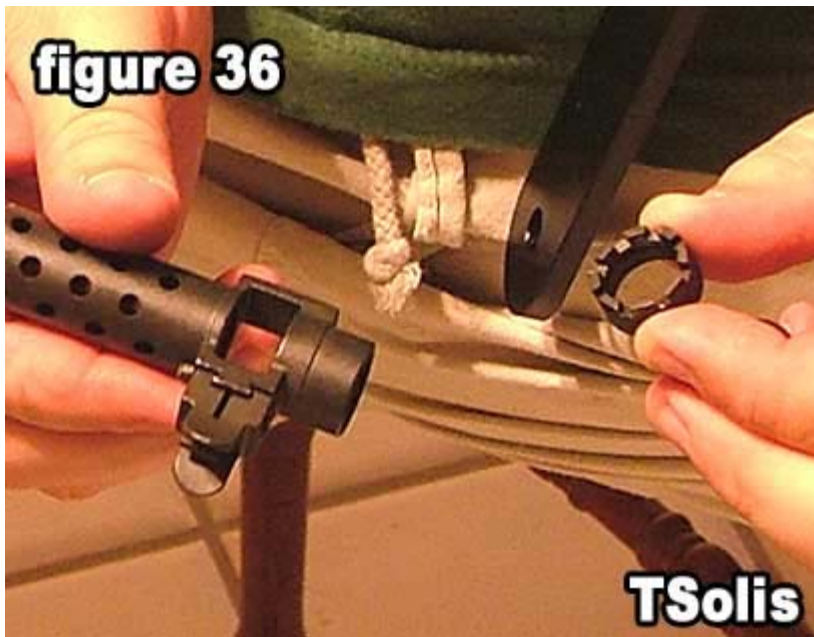
33) Slide the gas cylinder wrench over the gas cylinder lock. This will give you a place to hold onto with considerable leverage while either removing the gas cylinder plug or flash suppressor.

34) Using the castle nut pliers, loosen the flash suppressor nut by turning it counter clockwise.



35) Remove flash suppressor.

36) Separate flash suppressor and nut.



37) Figure 37 shows the gas spindle valve. When the gas spindle valve is in the vertical position as shown in figure 37, gas will flow driving the gas system and producing semi-auto action.

38) Figure 38 shows the slots cut into the gas assembly that act as guides for the gas spindle valve.



39) When the gas spindle valve is in the horizontal position the gun does not direct any gas to the piston and the rifle will not extract a spent case. This position was intended for the launching of grenades.

40) Push in on the gas spindle valve screw and turn.



41) Turn the gas spindle valve screw until the slots of the screw are horizontal.

42) Figure 42 shows the M14 combination tool. The tool is used for loosening the gas cylinder plug, disassembling the bolt, cleaning rod handle, and a magazine loading aid. The combination tool can be purchased from [Fulton Armory](http://www.fultonarmory.com) for \$6.95.

figure 42**TSolis****figure 43****TSolis**

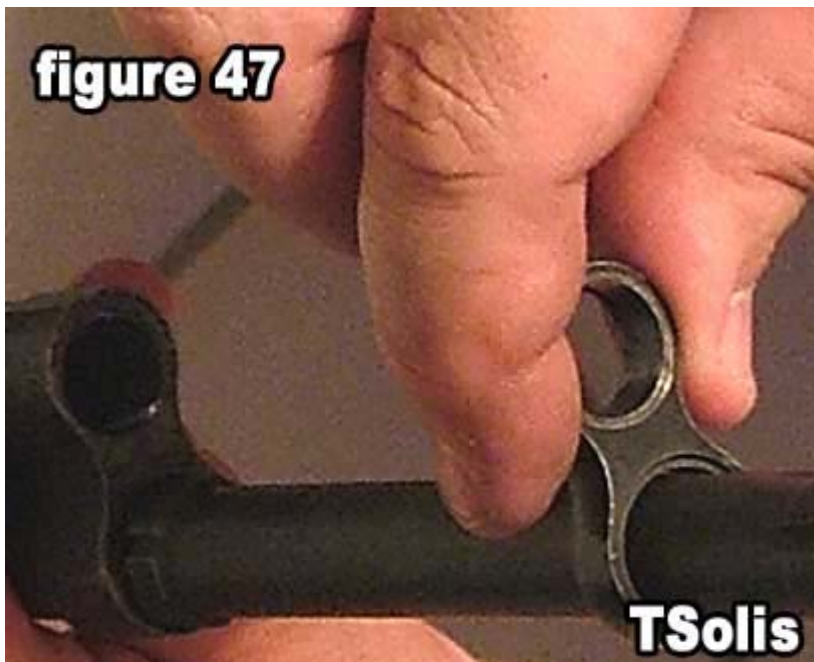
43) With the gas cylinder wrench over the gas cylinder lock and using the combination tool as picture in figure 43, turn the gas cylinder plug counter clockwise to loosen.

44) Remove the gas cylinder plug.



45) Slide the gas cylinder wrench off of the gas cylinder lock.

46) Rotate the gas cylinder lock counter clockwise.



47) Remove the gas cylinder lock.

48) Tilt the forward and allow the gas piston to slide into your hand.



49) Remove the gas piston.

50) Using a plastic or rubber tool lightly tap the gas cylinder forward.



51) Remove the gas cylinder.



52) Slide the front band off of the barrel.



53) Slide the hand guard forward.

Reassembly Instructions

54) Slide the hand guard over the barrel and snap into the guides.



55) Figure 55 shows the hand guard band resting in the slots cut into the side of the barrel.

56) Slide the front band onto the barrel.



57) Slide the front band onto the front of the hand guard.

Note: Make sure the gas cylinder, piston, and other parts of the gas cylinder assembly are clean and dry before reassembling.

58) Reinstall the gas cylinder.



59) Slide the gas cylinder back as far as you can by hand.

60) Lightly tap the gas cylinder into place.



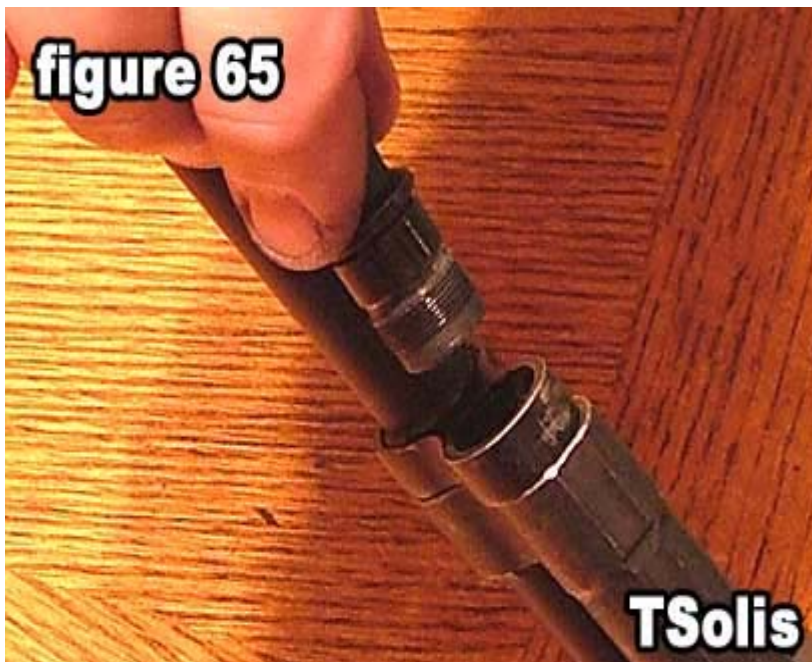
61) Reinstall the gas piston. Note that the flat side of the gas piston needs to point upwards towards the barrel as the rear of the gas cylinder is keyed this way.

62) Allow gas piston to slide all the way back to insure that the piston and keyed part of gas cylinder match correctly.



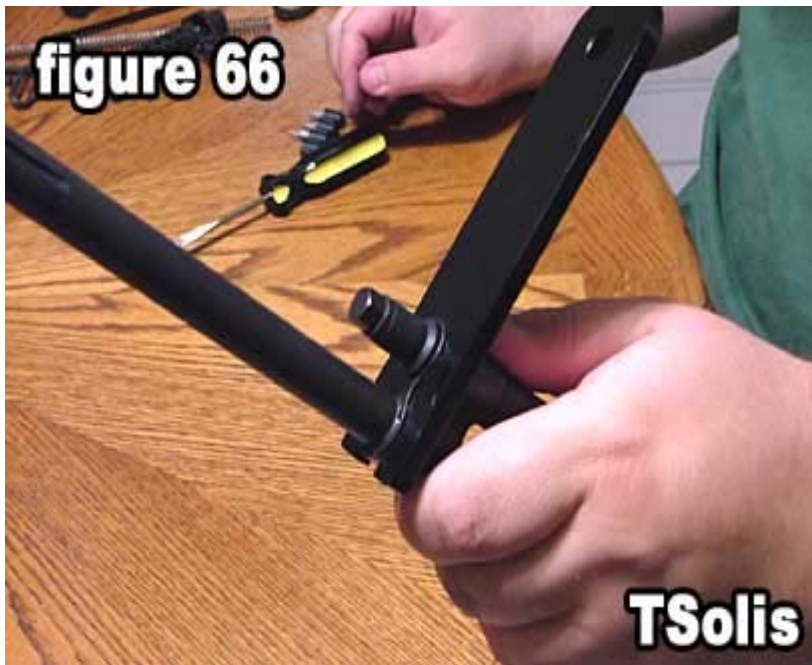
63) Slide gas cylinder lock back onto barrel.

64) Thread gas cylinder lock clockwise until it rest against the gas cylinder and a allows the gas cylinder plug to be inserted.



65) Put a small amount of grease on the threads of the gas cylinder plug and thread into the gas cylinder lock.

66) Place the gas cylinder wrench over the gas cylinder lock.



67) Using the combination tool, turn the gas cylinder plug clockwise until it is hand tight.

Note: The gas cylinder assembly normally should only be disassembled during cleaning when the piston no longer moves in the gas cylinder under its own weight when the barrel is tilted with the muzzle pointing in an upright position. We are showing you how to disassemble both the gas assembly and flash suppressor assemblies in case the need were to arise.

68) Place nut back into flash suppressor.



Note: The face of the barrel and the corresponding face of the flash suppressor should be free of any dirt or other foreign objects when reassembling the two.



69) Slide flash suppressor assembly over barrel.

70) Turn nut clockwise and hand tighten until you can no longer.



71) Using the castle nut wrench, turn the nut clockwise until the nut is tight and the flash suppressor is held securely in place.

72) Tighten the flash suppressor's round nut set screw.



73) Reinstall bolt.

74) Slide bolt to rear of receiver.



75) Place round front of operating rod into the operating rod guide.

76) Place the recess or channel cut into the operating rod over the bolt's roller and slide the notch of the operating rod into the notch in receiver (shown in figure 26).



77) Cycle the operating rod and bolt to make sure there is no binding.

78) Turn rifle over.



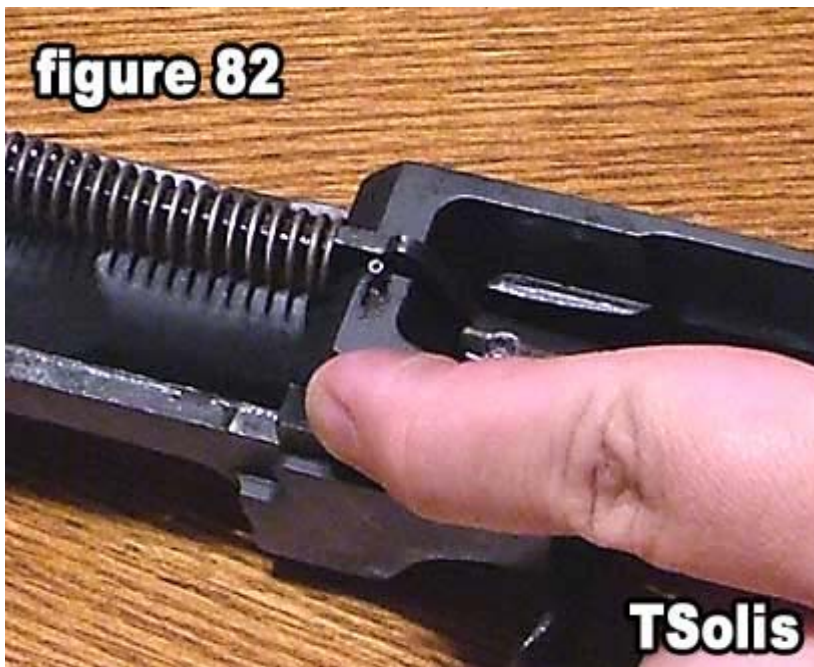
79) Slide operating rod spring over operating rod spring guide.

80) Slide operating rod spring into the operating rod.



81) Compress the operating rod spring with the operating rod spring guide. Move the connector lock via the connector lock pin to lock the the operating rod spring guide into place.

82) Figure 82 shows the position the connector lock should be in to lock the operating rod spring guide in place.



83) Install the butt plate assembly.

84) Push the butt plate assembly firmly against the butt of stock.



85) Install the rear swivel as shown in figure 85.

86) Hold rear swivel in place with hand.



87) Install lower butt plate screw.

88) Tighten the lower butt plate screw.



89) Install the upper butt plate screw.

89) Tighten the upper butt plate screw.



90) Close the butt plate assembly cover.

92) Pivot the stock to rest above the lip of the front band.



93) Rest receiver and barrel in stock.

94) Insert trigger as shown in figure 94.



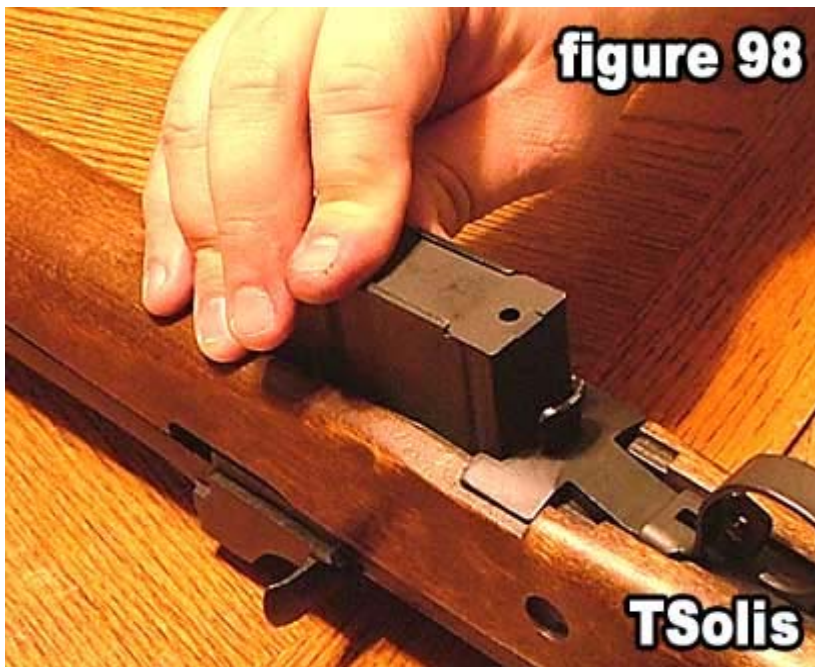
95) Pivot trigger guard and latch.

96) Figure 96 shows the latched trigger guard.



97) Insert magazine as shown in figure 97.

98) Lock magazine into place.



99) Turn the gas spindle valve screw until the slot in the screw is point verticle.

100) Cycle the bolt.



101) Figure 101 shows the reassembled M1A rifle.

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