

FN-49 Rifle Disassembly and Reassembly Instructions







SVT-40 Parts Legend			
1	Stock	17	Middle Spring Guide
2	Barrel/Receiver Assembly	18	Rear Spring Guide
3	Piston Cover	19	Rear Recoil Spring
4	Hand Guard	20	Front Recoil Spring
5	Cleaning Rod	21	Piston Rod
6	Cross Pin Screw	22	Piston Spring
7	Trigger Assembly	23	Gas Piston
8	Swivel Band	24	Gas Cylinder
9	Magazine	25	Piston Rod Extension
10	Magazine Case		
11	Magazine Follower Spring		
12	Magazine Bottom		
13	Magazine Follower		
14	Bolt		
15	Bolt Carrier		
16	Receiver Cover		

***Numbers correspond with parts diagram above, not steps blow.**

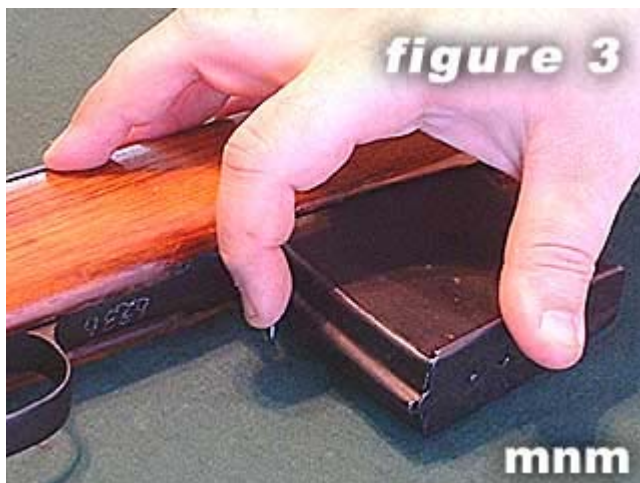
Disassembly Instructions



1) Point **rifle** in safe direction.



2) Flip safety to safe position (as shown in **figure 2**).



3) Depress **magazine release** forward.



4) Remove the **magazine** from the rifle.



5) Open the **bolt** and pull to the rear of the **receiver** to cock. Then close **bolt**.

Note: Examine rifle to make sure it is unloaded.



6) Push down on **receiver cover**.



7) Push **receiver cover** forward.



8) Disengage **rear spring guide** from slot inside rear of **receiver cover**.



9) Remove receiver cover.



10) Allow rear spring and rear spring guide to expand and press against rear of receiver.



11) Pull bolt carrier to rear of receiver.

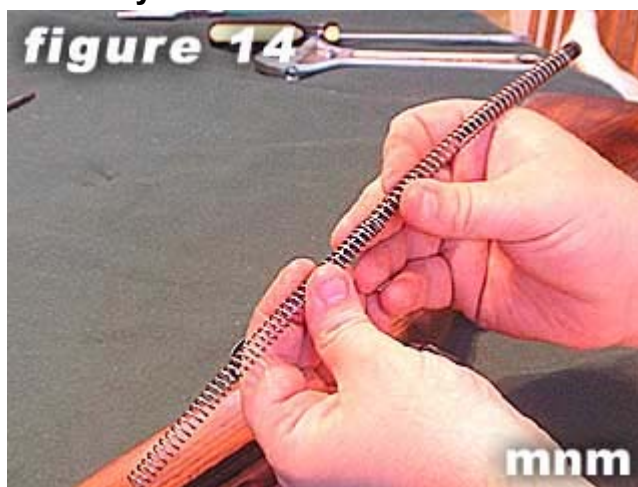


12) Pivot **bolt carrier** as show in **figure 12** (bringing handle towards you).

Note: Be very careful with recoil springs as they are compressed during this procedure.



13) Remove the **bolt carrier**, **bolt**, and **recoil spring assembly**.



14) Figure 14 shows the **recoil spring assembly**.



15) Remove **front recoil spring** from **spring guide**.



16) Remove **rear recoil spring** from **spring guide**.



17) Remove **rear spring guide**.



18) Separate **bolt** and **bolt carrier**.



19) Figure 19 shows the separated **bolt** and **bolt carrier**.



20) While depressing **cleaning rod release button** on **bayonet lug**, remove **cleaning rod**.



21) Depress **swivel band spring**.



22) Slide the **swivel band forward**.



23) Remove the **swivel band**.



24) The **piston cover** is hinged at front.



25) While lifting from rear, remove **piston cover**.



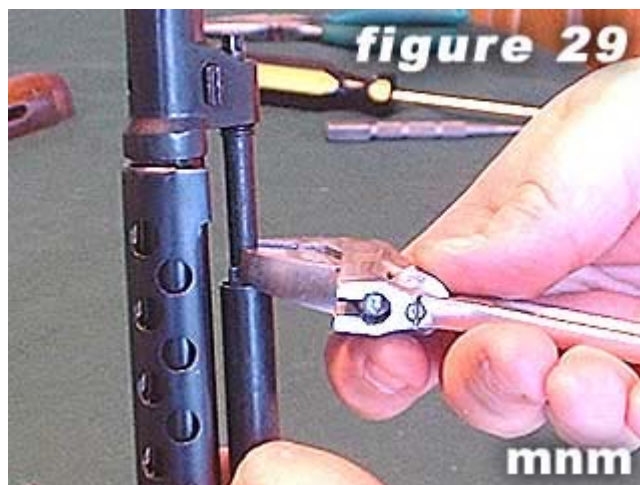
26) Lift **hand guard** from front.



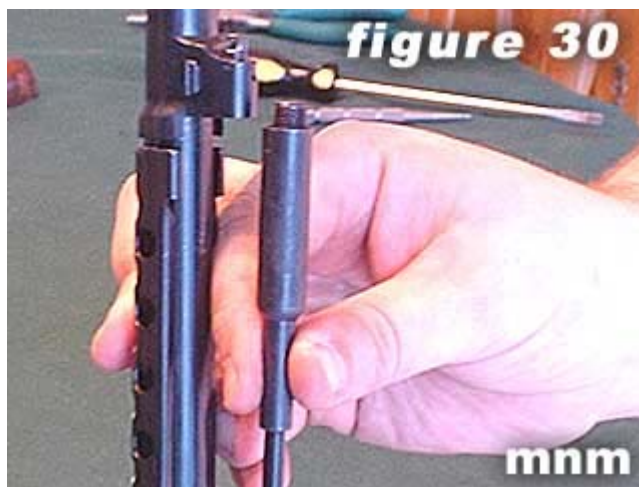
27) Remove hand guard.



28) Slide piston cylinder down as shown in figure 28.



29) If you do not have SVT tool you can use an adjustable wrench to turn piston counter-clockwise.



30) Once the **piston** is free, remove entire **piston/rod assembly** can be removed.



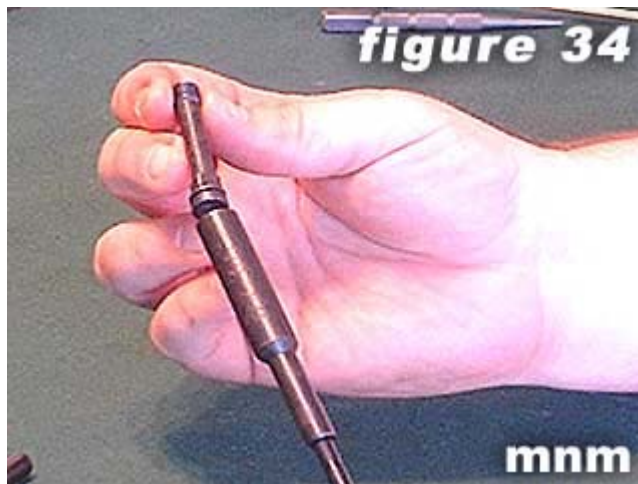
31) Remove the **piston/rod assembly**.



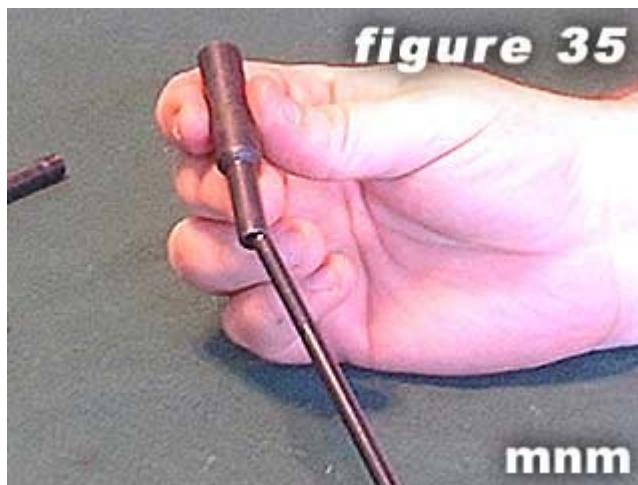
32) Remove **piston spring**.



33) Remove the piston rod extension from piston rod.



34) Remove piston from gas cylinder.



35) Remove gas cylinder from piston rod.



36) Rotate trigger release cover to expose trigger release.



37) Depress trigger release.



38) Trigger assembly can be removed as shown in figure 38.



39) Figure 39 shows the removed **trigger assembly**.



40) If you do not have an SVT tool you can if you are careful to not damage the **stock** use a pair of adjustable pliers to loosen and remove the **cross pin screw**.



41) Turn **cross pin screw** counter-clockwise.



42) Remove **cross pin screw**.



43) Lifting from rear remove **receiver and barrel assembly** and set aside.



44) **Figure 44** shows the disassembled SVT-40 rifle.

Reassembly Instructions



45) Return receiver and barrel assembly to stock.



46) Compress cross pin screw as shown in figure 46.



47) Install cross pin screw.



48) Tighten cross pin screw.



49) Place piston rod extension over piston rod.



50) Replace piston spring.



51) Insert piston rod extension and piston spring into rifle as shown in figure 51.



52) Replace gas cylinder.



53) Reinstall the gas piston.



54) Attach gas piston.



55) Turn gas piston clock-wise.



56) Replace hand guard.



57) Replace **piston cover**. It slides under guides at front.



58) Lower **piston cover** to rear.



59) Replace the **swivel band**.



60) Depress **swivel band spring** and slide **swivel band** into place.



61) Reinstall **trigger assembly**.



62) Depress **trigger assembly** and lock into place.



63) Rotate trigger release cover to cover trigger release.



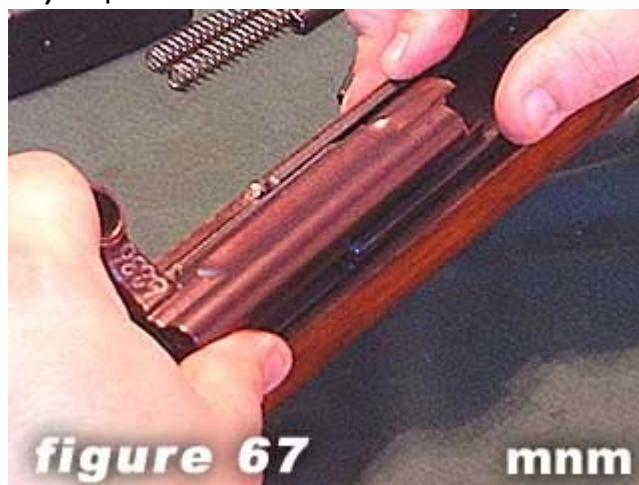
64) Combine bolt and bolt carrier.



65) Bolt and bolt carrier fit together as shown in figure 65.



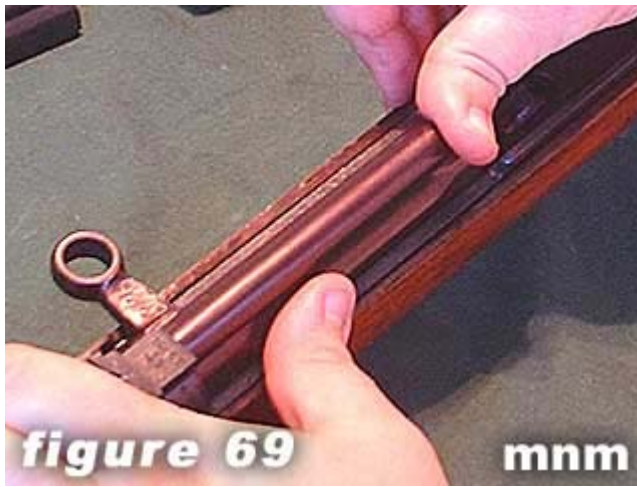
66) Replace **bolt** and **bolt carrier** into receiver.



67) Tighten rear guard screw.



68) Pivot **bolt carrier** as show in **figure 68** (bringing handle towards you). Lay **bolt carrier** down and into slot in receiver rails.



69) Push **bolt carrier** to front of **receiver**.



70) Replace **rear recoil spring** on **rear spring guide**.



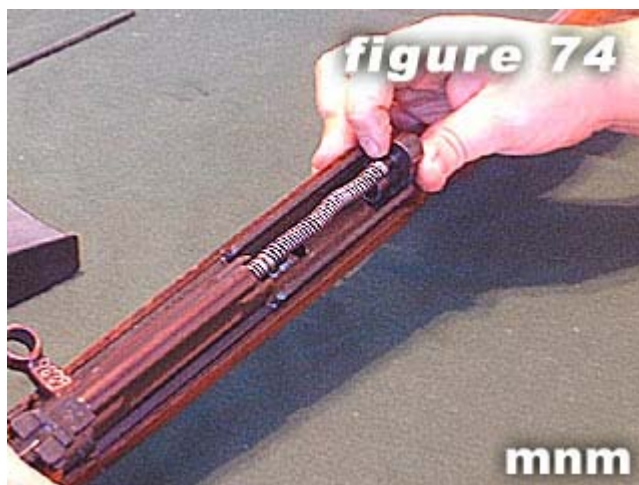
71) Attach **rear recoil spring** to **middle spring guide**.



72) Attach **front recoil spring** to **middle spring guide**.



73) Slide **front recoil spring** into rear of **bolt carrier**.



74) Compress **recoil springs** by pressing on **rear spring guide**.

Allow **recoil springs** to expand and rest **rear spring guide** against back of **receiver**.



75) Compress **recoil springs** by pressing on **rear spring guide**. Place **rear spring guide** into slot inside rear of **receiver cover**.



76) Slide **receiver cover** into slots and slide to rear while allowing **recoil springs** to expand.



77) Allow **receiver cover** to slide into place.



78) Figure 78 shows the reassembled receiver.



79) Cycle **bolt carrier handle** to make sure there is no binding.



80) While depressing **cleaning rod release button** on **bayonet lug**, replace **cleaning rod**.



81) Lift **magazine lever** forward.



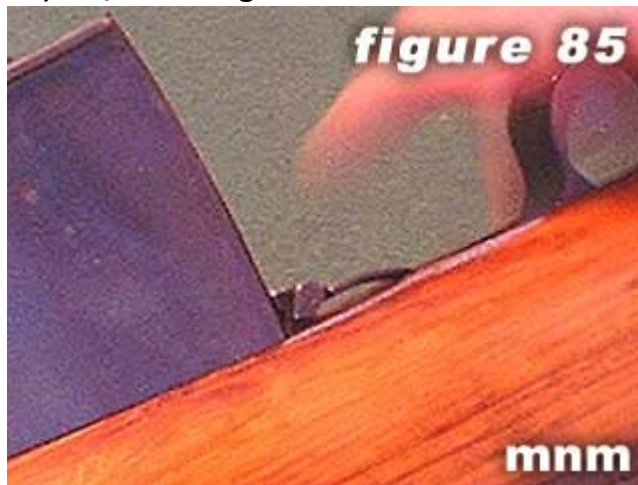
82) Insert **magazine**.



83) Lock **magazine** into place.



84) Depress **magazine lever** to rear.



85) Lock **magazine lever** to rear.

The **rifle** is reassembled!

Copyright 2003© Jamie Mangrum