



## PARTS DIAGRAM



- |                                |                      |
|--------------------------------|----------------------|
| 1. Front Sight                 | 8. Receiver Cover    |
| 2. Gas Tube                    | 9. Recoil Guide Rear |
| 3. Upper Hand Guard            | 10. Folding Stock    |
| 4. Upper Hand Guard Lock Lever | 11. Magazine Latch   |
| 5. Rear Sight Base             | 12. Magazine         |
| 6. Bolt Carrier                | 13. Lower Hand Guard |
| 7. Safety Lever                | 14. Cleaning Rod     |

## SAFE FIREARM HANDLING

Always check that the rifle is cleared first. This should be done whenever the weapon is handled; it takes only a moment.

Remove the magazine after releasing the magazine latch. Always point the muzzle in a safe direction whenever the rifle is handled. With the fire selector lever in the raised position, on safe, open the action by pulling the operating handle fully to the rear, with the right hand. When the bolt is fully open, check that there is no round of ammunition in the breech or the chamber. Pulling the cocking handle to the rear also cocks the hammer.

Note that the rifle should be disassembled on a fixture or sheet of canvas or such material and parts should be laid out in their order of stripping.



## SAFETY / FIRE SELECTOR OPERATION



"S" - Safety ON position



"F" - Single fire position

## FIELD STRIPPING

1. Remove the magazine from the rifle by holding the fore-end in the left hand, rotating the rifle slightly. With right hand pushing forward on the magazine, use the right thumb to release the magazine catch and pull the magazine forward out of the recess.
2. Move the selector lever off safe by pushing it downwards as far as it goes with the right hand.

3. Pull the bolt carrier to the rear using the operating handle on the right side and check to see that there is no round in the breech or chamber.

4. With the rifle stock on a fixture or the ground and held by the lower hand guard and upper hand guard with the left hand, move the cleaning rod with the fingers of the right hand and, bending it slightly, remove the cleaning rod head from its stop at the base of the foresight assembly. Remove the cleaning rod with the right hand; it is also permitted to use a punch in order to remove the rod.

5. Resting the rifle's forward end on a fixture (Fig. 1), grasp the small of the butt with the right hand and then depress the recoil guide button (this is the rear end of the recoil spring guide rod) at the back of the action cover. At the same time, using the left hand, pull the cover back and upwards and remove it from the receiver.



FIG. 1

6. Push the recoil mechanism spring assembly forward (Fig. 2) until its rear face leaves the groove in the rear plate of the receiver. Then lift the recoil spring group out of the operating rod channel and place it beside the action cover. Parts should be laid out in order of disassembly, on a table or bench. In the field, a clean canvas or piece of material should be used.



7. Remove the bolt carrier with bolt attached from the receiver (Fig. 3.) by holding the rifle's forward portion of the receiver with the left hand and the cocking handle with the right hand. Bring the bolt carrier and bolt to the rear as far as it will go, then move the bolt carrier forward slightly and raise its rear part, and bringing the bolt carrier to the rear, remove it together with the bolt.



8. Remove the bolt from the bolt carrier (Fig. 4) by taking the bolt carrier in the left hand with the cam surface facing upward, and then rotate the bolt a little with the right hand so that the guide lug leaves the wide part of the groove in the bolt carrier. Fig.4 Then move the bolt to the rear as far as it will go, rotating the bolt and removing its guide lug from the cam groove and remove the bolt by withdrawing it forward. On some rifles the bolt can even be rattled or shaken out of the carrier.



FIG. 4

9. To remove the gas tube and hand guard from the barrel hold the receiver with the left hand and rotate the gas cylinder tube locking lever located on the right side of the rear sight base, upwards with the right hand. Then the hand guard/gas tube assembly can be removed from the rifle as shown in Fig. 5 by moving it upwards and to the rear.



FIG 5

### RE-ASSEMBLY

Re-assembly of the groups taken apart for field stripping is done by replacing them in the same order as they were disassembled.

### CLEANING AND MAINTENANCE

Firearm requires cleaning after each shooting. Inspect the barrel bore and chamber for any residues after shooting. Remove the powder residue from the bore and receiver. All metal surfaces of the firearm should receive a light film of oil any time the firearm has been exposed to weather or handling.

### WARRANTY

This rifle is warranted for one year from the date the rifle was purchased by the first original retail purchase against defects in material and workmanship. All parts and labor or replacement at our option are covered. The warranty on the wood stock, upper / lower hand guard is 60 days and covers only manufactured and material defects. The trunnion is covered with a Lifetime warranty.

We will not cover damage of the firearm caused by:

- Accidents, abuse or misuse,
- Barrel obstruction,
- Improper ammunition (ammunition used with this firearms should comply with C.I.P. standards for 7,62 x 39 SU as per TAB. I, Revision 13-05-22 shown on this page),
- Unauthorized adjustments, repairs or modifications,
- Normal wear and tear.

### PIONEER ARMS CORP.

600 OAK STREET BLDG 1A

PORT ORANGE, FL, U.S.A., Phone: (386) 290-0379

C.I.P.	7,62 x 39 Country of Origin: SU	TAB.	I
		Date	89-01-04
		Revision	13-05-22
	<p><b>CARTRIDGE MAXI</b></p> <p><b>Lengths</b></p> <p>L1 <sup>1)</sup> = 30.50 -0.20</p> <p>L2 <sup>1)</sup> = 33.00 -0.20</p> <p>L3 <sup>1)</sup> = 38.70</p> <p>L4 =</p> <p>L5 =</p> <p>L6 = 56.00</p> <p><b>Case Head</b></p> <p>R = 1.50</p> <p>R1 = 11.35</p> <p>R3 =</p> <p>E = 3.20</p> <p>E1 = 9.56</p> <p>e min = 1.00</p> <p>delta = 51°58'12"</p> <p>f = 0.25</p> <p>beta = 45°</p> <p><b>Powder Chamber</b></p> <p>P1 = 11.35</p> <p>P2 <sup>1)</sup> = 10.07 -0.20</p> <p><b>Junction Cone</b></p> <p>alpha = 32°46'</p> <p>S = 47.63</p> <p>r1 min = 4.00</p> <p>r2 = 3.00</p> <p><b>Collar</b></p> <p>H1 * = 8.60</p> <p>H2 <sup>1)</sup> = 8.60</p> <p><b>Projectile</b></p> <p>G1 <sup>1)</sup> = 7.92</p> <p>G2 =</p> <p>F =</p> <p>L3+G <sup>1)</sup> = 46.70</p> <p><b>Pressures (Energies)</b></p> <p><b>Method Transducer</b></p> <p>Pmax = 3550 bar</p> <p>PK = 4083 bar</p> <p>PE = 4440 bar</p> <p>M = 25.00</p> <p>EE = 2510 Joule</p> <p><b>Miscellaneous Dimensions</b></p> <p>F<sub>e</sub> <sup>1)3)</sup> = 0.15</p> <p>delta L = 0.20</p>	<p><b>CHAMBER MINI</b></p> <p><b>Lengths</b></p> <p>L1 * = 30.25</p> <p>L2 * = 32.55</p> <p>L3 <sup>1)</sup> = 41.00</p> <p><b>Breech</b></p> <p>R = 1.50</p> <p>R1 = 11.37</p> <p>R2 =</p> <p>R3 =</p> <p>r =</p> <p><b>Powder Chamber</b></p> <p>E = 3.50</p> <p>P1 <sup>1)</sup> = 11.36</p> <p>P2 * = 10.12</p> <p><b>Junction Cone</b></p> <p>alpha <sup>1)</sup> = 33°23'54"</p> <p>S = 47.12</p> <p>r1 max = 0.50</p> <p>r2 = 3.00</p> <p><b>Collar</b></p> <p>H1 * = 8.74</p> <p>H2 <sup>1)</sup> = 8.60</p> <p><b>Commencement of Rifling</b></p> <p>G1 <sup>1)</sup> = 8.60</p> <p>G <sup>1)</sup> * = 8.00</p> <p>alpha 1 =</p> <p>h =</p> <p>s =</p> <p>i <sup>1)</sup> = 3°30'18"</p> <p>w =</p> <p><b>Barrel</b></p> <p>F <sup>1)</sup> * = 7.62</p> <p>Z <sup>1)</sup> = 7.92</p> <p><b>Grooves</b></p> <p>b = 3.81</p> <p>N = 4</p> <p>u = 240.00</p> <p>Q = 47.99 mm<sup>2</sup></p>	

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