1 – stock

2 – handle of the bolt

3 – breech

4 – front breech

5 – upper shell

6 – moderator

7 – gauge

8 – filling port

9 – trigger bracket

10 – trigger

Precharged airgun MATADOR

Serial number	
Data of the manufacturing	
Caliber	

Introduction

You should carefully read this manual before using the gun. This manual will lead you shortly through the general technical specifications of the gun, the way to prepare it to shoot and the rules of using the gun.

Information about the gun

The precharged airgun”Matador” is made according to TU 7184-001-75734642-2005 (technical standard of EDgun company, developed and authorized by EDgun company and technical controlling authorities of Russian Federation) and adapted to be produced out of Russia under control of EDgun company.

The general description

The airgun Matador is designed for plinking, target shooting and hunting using lead pellets for airguns. The barrels are made by Lothar Walther, Germany, according to the specifications and drawings issued by EDgun company and designed for using lead pellets made by JSB Diabolo company, Czech Republic. Using other pellets may cause the worse accuracy results of shooting and EDgun company cannot guaranty the accuracy result with other pellets. The guns are set to the energy limit valid in the country they are sold to or without limits in case the country, the guns are sent to, have no energy limits for airguns. EDgun company doesn't carry any obligations to meet the standards or limitations of the energy level in case a client didn't inform the EDgun company about such restrictions or change the energy of the gun himself.

The using of the gun should be done under conditions providing the safe shooting and under the temperature from minus 10 degrees up to plus 30 degrees Centigrade (from 15 degrees Fahrenheit up to 85 degrees Fahrenheit).

Technical data:

Modifications	Short/ standard/ long
Caliber, mm.	4.5/5.5/6.35
Size, mm (short/standard/long), mm.	680/740/890x195x60
Length of the barrel (short/standard/long), mm.	420/477/590
Weight (short/standard/long), kg.	3,0/3.2/3.3
Length of the trigger movement, mm	2-5
Working pressure, bar	130-220
Way of shooting	Single shot

Security notes

The airguns can be dangerous if one uses them with neglect of safety rules. Be careful while using the gun and remember that neglect of the security measures can cause the tragical issues. Strictly follow the requirements of this manual in items of "The way of use" and "Technical maintenance".

It is strictly prohibited while using the gun!

To aim the gun to people, or animals and other targets you are not willing to shoot.

To disassemble the loaded gun or the reservoir under pressure.

To overfill the maximum pressure of the reservoir.

To use pellets which are not designed for using in airguns as well as other staff not designed for using as pellets for shooting from airguns. Avoid using pellets having plastic, hard iron or other components rather than lead.

The way of use

Remove the protecting lubrication from the external parts of the gun, using the special materials for keeping guns clean. Do not use the aggressive liquids and solvents.

Fill the gun with the air.

Attention! Strictly prohibited to overfill the gun for more than 220 bars.

Check the work of the bolt and trigger. Pull the handle of the bolt up and move it backward to the end. While cocking the hammer you will feel the resistance of the hammer spring. While reaching the end of the movement the bolt should remain open – that means that the hammer is cocked.

Close the bolt by moving it forward and them revolving the handle clockwise up to the end.

The gun is ready to shoot

If you cocked the gun and have the pellet loaded to the barrel but changed your mind to shoot and have no possibility to shoot, you can release the gun from to be cocked. For that you should revolve the handle counterclockwise and move the bolt back for touching the hammer. When you feel the bolt touched the cocked hammer you should move it forward for 2-3 mm and then push the trigger, keeping the bold by the other hand off moving forward. You will feel as the hammer will be released and rest to the bolt. Then by smooth movement forward you should close the bolt. In this case the pellet is in the barrel, the hammer is not cocked and the gun is safe until you cock it again. But you must shoot that pellet as soon as you are able do it to be sure that there is no pellets in the barrel.

Anyhow you MUST always consider your gun as having pellet loaded and hammer cocked whatever you think about it, only in this case you will avoid serious injury or death for yourself or people around you.

After checking the bolt system and trigger system you can go in for shooting.

You can see on this picture the loading shelf with nose of the bolt and pellet on the shelf.

How it works

When you need to fill the gun, put the filling probe (the filling probe is included to each gun) to the filling port. Be sure that the O-rings on the filling probe are not damaged and slightly lubricated with the silicone lubricant (you can buy it in diver’s shop). While the high pressure air is delivered to the filling probe those O-rings rise up and seal the port. The pressure in the filling hose going up and while it is higher than the pressure inside the gun the filling valve is opened – air goes into the reservoir. You should control the process of filling the gun by the gauge at the end of the reservoir or use the one on your fillingkit.

Important: It is allowed that the pressure during the filling can be more than the maximum pressure of the gun for about 10 %, due to the fact that while filling the air goes hotter and the pressure goes up. When the air inside the reservoir goes colder the pressure will go down to the normal pressure.

When you fill the necessary pressure to the gun close the source of the high pressure air, remove the air from the filling hose and after that you can take the filling probe off the filling port. EDgun company offer the filling unit for filling EDgun guns from high pressure tanks.

Important: While filling the gun with the high pressure pumps (like Hill pump) you should make few quick and powerful movements of the pump handle to increase the pressure in the filling hose in order to “raise up” the O-rings on the filling probe, otherwise there will be leakage of the air and you will not be able to fill the gun.

Then move the handle of the bold counterclockwise and move the bolt back, cocking the gun. Put a pellet on the loading shelf, then move the bolt forward, moving the pellet inside the barrel and revolve the handle clockwise, locking the bolt. The gun is ready to shoot. Thus you can shoot before the pressure inside the reservoir goes down to 130 bar. Then you should refill the gun.

Disassembling the gun

Before going into disassembling the gun make sure that the pellet is not loaded into the barrel and the hammer is not cocked.

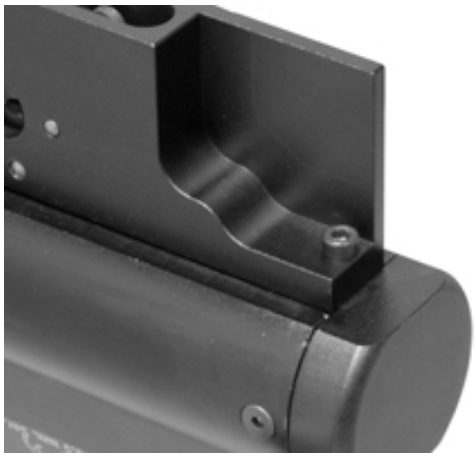
You will need few metric size hexagon wrenches, some clean napkins and the understanding what you are going to do and why.

Unscrew the screw located inside the trigger bracket.

Remove the trigger bracket from the gunstock.

Remove the gunstock from the gun.

Unscrew one screw on the back side of the hammer case and two screws on the trigger case.



Remove the hammer and trigger mechanism from the gun. When you have it removed NEVER let the hammer be released without keeping it with your finger. In case if you cock the hammer, then push the trigger and do not keep the hammer off releasing free you are under risk to destroy the hammer spring rod when the hummer will go further than it is supposed to while being installed at the gun. It cannot go farther than the back plug of the gun, but being taking off the hammer have a possibility to move farther. Remember about it, please.

To adjust the trigger you need to use two screws on the trigger itself. Usually the triggers is set up at the factory and you should use only the screw which is close to the axe of the trigger. By screwing it up you make the “step” at the release lighter until it disappear completely. The advice is to screw it until the “step” disappear and them screw it up to appearance of light feeling step. So while shooting and pulling the trigger you will feel the “step” and it means if you move you finger just a little more – there will be a shoot, it is a kind of indicator.

Unscrew two screws at the back part of the breech.

Move the breech backward until it is taken off the gun. Be sure to keep the sliding bar and its plate with your fingers while taking the breech off not to lost it.

Then unscrew to screws of the breech ring and remove them.

Take the breech ring up for few mm. and then slide it backward taking off the gun the breech ring with the upper case, picatinny rail and moderator.

The disassembling of the gun is over.

For more detailed information you should go to http://www.youtube.com/TheEDgun and find the R3 assembling and disassembling videos.

The assembling is to be done in the return sequence but you should pay attention to few details:

While putting the barrel with the breechring to the reservoir be sure that there is an O-ring on the back plug (or brass ring for caliber 6.35 mm.)

The breech installing together with the sliding bar and the plate to keep it together you should cover it with your hand keeping your fingers at the plate to avoid it to fall from the breech. Then push the breech to the breechring.

While tightening the screws do not apply too much force to the wrench, they should be screwed tightly but without damaging the head of the screws or the wrench.

If you have some problems with assembling/disassembling the gun please contact EDgun company to get the advice and help.

If you are not sure what you are doing – contact EDgun company or the importer we will definitely help you.

If you need to regulated the speed of the gun you should unscrew the fixing screw of the hammer screw and them by revolving the hammer screw to change the speed of the pellet (while moving it clockwise you increase the speed, while revolving it counterclockwise you decrease the speed. Be sure that this regulation is to be done based on your own risk and according to your country's legislation about the power of the airguns. EDgun company delivery the guns to different countries based on the legislation about airguns of every country.

Technical maintenance

The correct technical maintenance, carefully using of the gun will allow you to use it for long time and guaranty the reliable work of the gun. You shouldn't disassemble the gun without necessary reasons.

Matador is quite solid and reliable gun so the technical maintenance is quite simple:

Time to time clean the barrel with the special cleaning tools and materials.

O-rings should be slightly lubricated ~~with~~ slightly silicone grease.

Take care to avoid getting dirt in the filling port.

After using the gun you should wipe the metal part of the gun with the neutral gun oil and then clean it dry with the clean cloth. Do not allow oil to touch the wooden parts of the gun.

Time to time check how tight the screws are fixed.

Keep the gun full of air when not in use, to avoid regulator problems make few shoot a week in case you don't use the gun constantly.

The precharged airgun Matador is made according to technical conditions 71 8240-75734642-2005. It was tested for mechanical work and shot for accuracy test.

The gun is ready to be used.

The guaranty of EDgun company

Dear customer! EDgun company guaranty the proper work of the gun in case of correct use and careful care. If something is out of work in your gun you should contact EDgun company and get the help or advice.

The guaranty for the gun is 12 month since the day of selling or 10 000 shots. During this period of time the problems appeared with the gun will be fixes free of charge by EDgun company or its representatives.

The guaranty is invalid in case the customer broke the rules of using or keeping the gun or in case the functionality of the gun is out of order due to excessive force and by third persons.