

## Drulov Du 10 Manual

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**Size:** 4689 KB

**Type:** PDF, ePub, eBook

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# Drulov Du 10 Manual

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I thought it was for a screwdriver as the pistol is supplied with all the other tools necessary for adjustments and maintenance. Breech open ready for loading To load the pistol, the breech is opened by turning the knob under the rear sight anticlockwise and then withdrawing it. This exposes the combined breech and inline five shot tube magazine. Five pellets are loaded head to tail into the tube. The breech, with springloaded probe, is pushed forwards and then turned clockwise to lock it in position and seal the breach. It's easy to think that the pellets are loaded directly into the rifled barrel. However, the springloaded probe isn't strong enough to push the pellet into the barrel. Instead, the pellet is positioned just ahead of the barrel's breech and a fourpronged claw holds it in place behind the skirt. This prevents the pellet from travelling backwards. The transfer port is just behind the pellet skirt and when the pistol is fired, the blast of CO 2 forces the pellet into and down the barrel. The semiautomatic action uses a "blowback" style mechanism where part of the CO 2 exhaust is also used to cock the hammer which is located under the barrel. Under the muzzle is a screw that adjusts the hammer spring tension which directly affects the power of the pistol. Or at least it should. I noticed during testing that it barely made any difference. Something my Romanian friend has also noticed. Grip removed to facilitate trigger adjustment The pistol takes a standard 12g CO 2 capsule which is contained in the grip. The piercing cap is removed using a cylindrical tool that has two lugs which engage with the cap. The opposite end of this tool can also be used to remove the grip nut allowing the grip to be removed. This is necessary in order to reach the trigger adjustment screws. The trigger is adjustable in reach, pullweight, pull length and letoff point. <http://xn--80aeevkvak7c.xn--p1ai/userfiles/cricut-29-0001-personal-electronic-cutting-machine->

[manual.xml](#)

It's not the best trigger in the world although with careful adjustment a reasonable twostage trigger can be achieved. However, I noticed during testing that the second stage adjuster crept with twenty or so shots which is a little disconcerting considering the screws are springloaded to prevent any creep. A small drop of low strength Loctite on the screw thread should solve this problem. Inserting the 12g CO2 capsule into the grip The 12g CO 2 capsule is inserted neck last as the piercing pin is built into the cap. The cap also seals the CO 2 chamber with an oring seal against the tube wall. However, the pistol must be cocked before screwing the cap down in order to relieve any pressure that might be exerted on the valve by the hammer. Otherwise the pistol is likely to leak until it is cocked. A safety catch is provided on the left hand side which, when in the lower or "safe" position, prevents the hammer from striking the valve. However, it doesn't prevent the shooter from pulling the trigger which will nonetheless release the hammer albeit without firing the pistol. The sight adjusters are firm with spring loaded ballbearings to give precise adjustment of elevation and azimuth. The match grip is stippled walnut with adjustable palm shelf. I found it to be comfortable and fitted my hand well. Although the pistol was designed to compete in Olympic Rapid Fire 10m events, I think that it's probably not up there with the best of target pistols. Mind you, technology has moved on alot since 1975 so perhaps I am being a little harsh. Of course for a target pistol it is about consistency rather than power. Unfortunately I think it lacked in that regard as well. Using RWS R10 Match Premium Line pellets straight from the tin and giving the pistol a few seconds between shots, I found the standard deviation was 8.5 fps whilst the variance was a whopping 33.8 fps! I'm no expert in target pistols so you tell me if that's acceptable. I suspect it isn't.

Amazingly though, the Drulov DU10 manages to accomplish all of the functions of a feature packed semiautomatic target air pistol with very few parts. It's also easy to strip down making it easy to maintain should a leak occur. Interestingly, Drulov also produced a semiautomatic rifle version called the " Eagle ". It used the same core components as the Condor except it was fitted with an extended barrel and a rifle stock. The rear sight was moved forwards to where the foresight is located on the pistol and, as you would expect, the foresight was moved to the end of the barrel. Despite the power variance and trigger adjustment issues, it's a nice pistol. It probably passes as an entrylevel pistol for competing in rapid fire competitions or perhaps as a trainer. Either way, I shall enjoy it at the range. Until next time, happy shooting. The factory has closed or do not make the gun any more,so no spares from there Reply Jimmie Dee says April 6, 2018 at 533 pm I have been struggling to find a supplier of polyurethane orings. I can work out the oring sizes but without a supplier it's pointless. The usual nitrile orings are no good for CO2 as they will absorb the CO2 and swell up which will stop you from removing the cap and possible jam up the valve. Reply Jimmie Dee says April 6, 2018 at 559 pm Have you tried looking for silicone orings. Reply Les says July 24, 2019 at 433 am There was a guy in England a few years back that had a batch made. Found him online and ordered a few. Haven't shot mine in a few years so just replaced the seal. Tough time inserting into the the piercing cap, so I thought leaving the new seal in the tube a few days would help seat it. Keep you posted and will search thru my notes to see if that guy can be found. Excerpts and links may be used, provided that full and clear credit is given to Jimmie Dee's Airguns with appropriate and specific direction to the original content, e.g. a link back to this website and specific content page.

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12g CO2 capsule that looks to be rechargeable. At present either a manual or just some advice on basic maintenance would be good, and a method to adjust the trigger. Next, does any one have much experience with different pellets in it. So Im after something that shell take 6 of, but only fire one at a time. Ive not got any Gecos but theyre on my todo list. Predom Lucznik vz70, Gat, others. Use to chat to him about them about 56 years back. Been meaning to get back in touch with him. You might be able to tune the preload on the pellet tube follower spring. For me too unreliable for speed shooting comps unless well maintained and shooting 5 wadcutters. Same feel as loading a pellet into a mag or into rifling. So I think its to do with the plunger running out of reward travel and like you say, pushing the pellets past the engagement point. By the way, is it normal to have an adjustable palm shelf with an email address etched on the grip under the shelf. Stunning quality. I found a manual online, but it was in Czech without any pics Ive ordered some Gecos online, should be here next week. Do you know what trigger screw does what. Its a number of years since I sold mine. Anyway, I was going to say that it was actually taking 6x RWS Hobbies ok tonight, no feed issues or doublefires. Having looked at the bolt, it does seem to be a last of travel for the probe that is the issue with 6x pellets.

It seems easy to remove the bolt so I might see if its possible to improve the travel a little to make taking 6x pellets more reliable with a wider range of pellet lengths. First, they are only designed to hold 5 pellets NOT 6. Secondly, they only reliably feed one at a time with pellets of a larger head size. either 4.52 or 4.53, they are designed for a specific size of pellet and each one works best with the pellet stated in its original literature, which you are missing. My example shoots JSB Diabolo 4.52 head size and JSB Diabolo Express of the same size without a problem. You do not have to stick to flatheads. There may be a problem with yours as there was with mine where a pellet was squashed and jammed in between the bolt needle probe and bolt outer sleeve so remove the bolt and check for this first. I have a manual so will try to photo it and copy it later this evening when I am back home, and then I can email it to you. Do NOT mess with trigger adjustment if its working as it is easy to bugger it up totally. You cannot get a light target gun release on these as they are not designed to be like that, if you try to set it light it can go full auto. It has a roll over sear designed for Olympic Rapid Fire training and that is what you get. It is still blindingly accurate once you are accustomed to the trigger pull. No massive rush on the manual, it isnt going anywhere. The probe moves freely. I know about the 5 pellet limit, but Im trying for 6 if poss. Ive got some 4.53 JSBs, so will try them again. My main issue with the trigger is length of 2nd stage and its a tad heavy. First stage is now show, which is ok. Is it possible to move the blade forwards. The screw on mine seems to be stuck. The probe moves freely. I know about the 5 pellet limit, but Im trying for 6 if poss. Ive got some 4.53 JSBs, so will try them again. My main issue with the trigger is length of 2nd stage and its a tad heavy. First stage is now show, which is ok.

Is it possible to move the blade forwards. The screw on mine seems to be stuck. Yes Gavin, the trigger blade does adjust fore and aft, and yes the screw is very tight. The second stage is best adjusted with the trigger unit off the gun so that you can see how it works. You need to remove the wood grip using the tube spanner to unscrew its locking ring. One end of the spanner tightens the piercing cap the other end fits the lock ring holding the grip in place. Once the grip is off just remove the slotted screw in front of the trigger guard and pull the trigger unit forward and down. Wow, its so simple inside. The manufacturing is also simple, not much in there you couldnt make with hand tools and a bench drill. I found the second stage engagement adjustment, a little screw and lock nut on the second sear, that presses on the base plate. Ive tweaked it a tad, but it requires the main sear to be removed in order to reach the lock nut. A mod might be to drill and tap the base plate, and add a screw and lock nut there to allow external adjustment. I also had a look at the bolt and pellet plunger internals. Against, VERY simple. The probe does indeed to be run out of travel. The end of the bolt unscrews to release the spring and plunger. The end of said screw has a rubber

buffer maybe 8mm long that the spring rests on and that limits travel. Removing it gives the plunger more travel. I shall test tonight. Also, Can you check your PMs. Havent got said tool kit, so had to improvise. Since mine isnt completely immaculate, Im tempted to modify a few bits to make it easier to tweak on the move as it were. That external sear engagement adjustment, and drill the grip to give access to the trigger screw without removing said grips. I have one of these and do know quite a bit about them. First, they are only designed to hold 5 pellets NOT 6. Secondly, they only reliably feed one at a time with pellets of a larger head size. either 4.52 or 4.

53, they are designed for a specific size of pellet and each one works best with the pellet stated in its original literature, which you are missing. My example shoots JSB Diabolo 4.52 head size and JSB Diabolo Express of the same size without a problem. You do not have to stick to flatheads. There may be a problem with yours as there was with mine where a pellet was squashed and jammed in between the bolt needle probe and bolt outer sleeve so remove the bolt and check for this first. I have a manual so will try to photo it and copy it later this evening when I am back home, and then I can email it to you. Do NOT mess with trigger adjustment if its working as it is easy to bugger it up totally. You cannot get a light target gun release on these as they are not designed to be like that, if you try to set it light it can go full auto. It has a roll over sear designed for Olympic Rapid Fire training and that is what you get. It is still blindingly accurate once you are accustomed to the trigger pull. I will try to help more later but I am off out to my HFT shoot shortly. ttfn Pete. It really is very predictable when you get used to it, and you can see how a snap glass 2nd stage like on my LP10 wouldnt be as accurate for rapid fire. Now you mention it I think I had some success firing 6 JSB Express because they are pretty short. I had all sorts of full auto moments when I first got it, until I worked out that the problem was the sear resetting mechanism being slow to respond to the returning strikerrod and catch on the sear. I stripped the trigger mechanism completely down, polished every contacting surface, made some washers from 0.25mm PTFE sheet to reduce the contact area of the pivoting parts and applied a tiny smear of moly. The idea that the pellet pusher is too powerful and causes multiple pellet shots, is in my opinion, a red herring.

The pusher spring applies a couple of hundred grams of pressure at full compression, to push a pellet skirt through the breech claws needs around 2000 grams. The thing that makes the pellet move is gas pressure behind the pellet head, once past the jaws, the gas catches in the skirt and sends it on its way. This is why bbs wont work in this type of feed mechanism. I am pretty sure that the Drulov is better built than the Zastava, which is probably why I have had to do so much to get it working reliably. It does now, but I wish I could get the FPS up a bit so it punches clean holes in targets with 7 grain pellets. Still puts a big smile on my face though. FWB P34, FWB 65, Zastava GP45, Baikal MP53, Baikal MP 651K, Webley Mk3, Gamo PT85, Gamo P77 Combat Laser, Crosman 2240, Weihrauch HW45, Beeman P17, Beretta 92FS, LowCarb SpudGun. If the probe stayed still during the firing cycle the lack of buffer would make no difference. Yet it did. Hence the probe must reciprocate, hence I wondered about it smacking the leading pellets past the normal rest position, allowing the gas to get behind the head of the second pellet in line, and hence firing both. The spring pressure along might not be enough but if the probe is bouncing off the back of the slot and has a bit of momentum. OK Join Information. Yes No Choose Display Mode Original Dark DONE. It may not display this or other websites correctly. You should upgrade or use an alternative browser. Please take the time to read them; it will only take a couple of minutes of your time. By doing so, you lessen the chance of incurring the wrath of the moderation team or making yourself look foolish to other members. 90% of users posting adverts in the Sales forums need to be reminded to read the rules as their posts are wrong. This is unnecessarily timeconsuming and will no longer happen if your advert doesnt follow the Sales Rules it will be deleted and youll have to start all over again.

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