



# **Users Handbook**

## This handbook refers to S400 Biathlon model.

PLEASE READ THIS MANUAL BEFORE USING YOUR MPR FOR THE FIRST TIME. IT CONTAINS IMPORTANT SAFETY INFORMATION AND INSTRUCTION ON USE, ADJUSTMENT AND MAINTENANCE.



#### \*\*\*\* SAFETY CODE \*\*\*\*

- 1 ALWAYS TREAT AN AIR RIFLE AS IF LOADED.
- 2 ALWAYS POINT THE RIFLE IN A SAFE DIRECTION, NEVER POINT A GUN AT ANYONE, EVEN IF UNLOADED.
- *3* NEVER LEAVE A RIFLE UNATTENDED WHEN COCKED OR LOADED.
- 4 ALWAYS BE SURE OF WHAT LIES BEYOND YOUR TARGET.
- 5 ALWAYS CONDUCT YOURSELF IN A SPORTSMAN LIKE MANNER.
- 6. ALWAYS KEEP YOUR FINGER OFF THE TRIGGER UNTIL YOU ARE READY TO FIRE.

ALWAYS BE AWARE THAT YOUR ACTIONS WILL BE UNDER THE SCRUTINY OF OTHER MEMBERS OF THE PUBLIC WHO MAY NOT SHARE YOUR ENTHUSIASM FOR AIR GUNS. BAD PRACTICES PROMOTE BAD PUBLICITY. DO NOT JEOPARDISE OUR FUTURE ENJOYMENT BY MISUSING THIS GUN.

# WARNING! - UNAUTHORISED DISASSEMBLY OF THIS RIFLE WILL INVALIDATE THE MANUFACTURERS WARRANTY.

Issue 1PYR

## THIS AIRGUN IS INTENDED FOR USE BY THOSE 18 YEARS OF AGE OR OLDER.

# WARNING!

Not a toy. Adult supervision required. Misuse or careless use may cause serious injury or death. May be dangerous up to 1,000 yards.

# WARNING!

Do not inhale dust from lead pellets or put lead pellets in the mouth. Wash hands after handling lead. Lead pellets contain lead, a chemical known to the State of California to cause cancer and birth defects (or other reproductive harm).

# WARNING!

Keep the air rifle in the ON SAFE position until you're ready to shoot, then push the safety to the OFF SAFE position.

# WARNING!

Keep your finger off the trigger while cocking the air rifle or with the barrel in the downward position. Failure to do so may permanently damage your air rifle. Do not shoot without a pellet in the chamber (dry fire). This may permanently damage your air rifle.

# WARNING!

Use the correct pellet size according to your Air Arms rifle model. Never reuse pellets. The use of any other kind of ammunition can cause injury to you or damage to the air rifle.

# WARNING!

Do not assume that the gun is unloaded if it fails to fire properly!



Never leave your gun loaded. Do not store it loaded.

#### Contents of box.

- 1 x Rifle.
- 1 x Set of sights.
- 1 x Tool kit consisting of.

x 1.5mm Allen key.
x 2mm Allen key.
x 2.5mm Allen key.
x 3mm Allen key.
x 4mm Allen key.
x 5mm Allen key.
x 6mm Allen key.
x Filling adaptor.
x Cylinder removal spanner.

1 x Manual.

#### **Contents.**

Important information. Assembly. Sight assembly. Filling instructions. Cocking. Loading. Trigger adjustment. Stock adjustment. Maintenance. Parts list and diagrams.

#### **IMPORTANT INFORMATION, PLEASE READ**

Before leaving the factory this rifle was quality inspected and test fired using Air Arms PELLETS to check operation and final adjustment.

It was dispatched in a sealed purpose designed box with a contents label on the lid. Air Arms may not be responsible for any damage to the contents or missing items if the box is not original, if it is damaged or the seals are not intact.

Air Arms cannot be held responsible for damage or missing items due to transit damage, mishandling or being tampered with after leaving the factory.

If this rifle is not received in the original box with the seals intact, please examine carefully for any damage, missing tools or documentation.

In the first instance any problems or complaints regarding this product should be referred to the supplier.

The air cylinder is a highly pressurized unit that must **<u>not</u>** be modified in any way. Serious personal injury may result if this, and the advice below is not followed.

Do <u>not</u> pressurize the cylinder if there are any surface abrasions or dents. Contact Air Arms for advice.

Do **<u>not</u>** store the rifle in places with, or near sources of high temperature such as fires or boilers. Do **<u>not</u>** attempt to dismantle when pressurized.

Do **<u>not</u>** pressurize beyond the stated filling pressure (see filling instruction section). Damage caused by such action is **<u>not</u>** covered by the manufacturers warranty.

#### **Important Information continued.**

Only use clean, filtered and dry compressed air. <u>Never</u> use any other gas, particularly industrial or welding gases such as oxygen, carbon dioxide, acetylene, hydrogen, argon, etc.

If compressed air is being used other than from a diving shop, the inside of the cylinder should be inspected for corrosion at least annually.

In any event the cylinder should be inspected every two to three years depending upon usage. Air Arms can provide this service at a reasonable cost.

To maintain this rifle in good working order it should be serviced annually by a competent gunsmith, your supplier may be able to provide this service or you should contact Air Arms.

A reasonable amount of advice will be provided to enable the end user to service their own rifle, however this is at the discretion of Air Arms and advice may not be given in all cases.

Due to the nature of hand pumps and their relative inefficiency in removing moisture from the air compressed air, the chances of corrosion damage to the cylinder and other internal components are increased. The rifle should be regularly serviced and/or checked for any signs of damage by a competent gunsmith.

Air Arms recommend using a dry pack filter kit on any hand pump used to fill our air rifles.

Air Arms cannot be held responsible for the loss of performance when accessories used that are not manufactured by Air Arms. Contact your supplier or Air Arms for any advice on this matter.

Do **<u>not</u>** store the rifle in a damp place such as a garden shed or garage.

Do **<u>not</u>** store this rifle in a plastic or PVC gun bag without first applying a surfaces corrosion inhibitor.

Always ensure the loading bolt is fully closed before firing.

### \*\*\*\*\* LIMITED LIABILITY WARRANTY \*\*\*\*\* UK Customers only.

This product is warranted to the retail customer for 12 months from the date of purchase against defects in materials and workmanship and is transferable to any subsequent owner.

Proof of purchase is required to receive warranty repairs, retain your purchase invoice and return the warranty registration card as soon as possible after purchase. The warranty card must show the dealer/supplier name and address and date of purchase.

#### What is covered.

Replacement parts & labour on a 'back to base' basis, return transportation to the consumer (mainland UK only).

#### What is not covered.

Transportation from the consumer to Air Arms.

Damage caused by misuse, abuse, lack of routine maintenance, transit damage between the dealer/supplier and the consumer.

Unauthorised disassembly.

Parts subject to normal wear and tear.

Any other consequential cost incurred by the consumer.

Return transportation to consumers outside the mainland UK.

#### No warranty is implied as to the fitness for any particular purpose.

AIR ARMS RESERVE THE RIGHT TO ALTER THE CONSTRUCTION, APPEARANCE OR PERFORMANCE OF ANY PRODUCT WITHOUT PRIOR NOTIFICATION. ALL ILLUSTRA-TIONS ARE FOR INFORMATION PURPOSES ONLY AND DO NOT NECESSARILY SHOW THE EXACT MODEL THAT WAS PURCHASED.

#### Assembly and Disassembly of the rifle.

One of the features of the S400 Biathlon Rifle is the fact that the rear butt stock can be removed from the fore-end to allow a change of handing i.e. right hand to left hand.

This is achieved by removing the bolt (turning counter-clockwise) from the bottom of the pistol grip area with the 6mm Allen key supplied with the rifle. Once the screw has been removed the two halves of the stock can be gently pulled apart. Re-assembly is the reverse procedure.





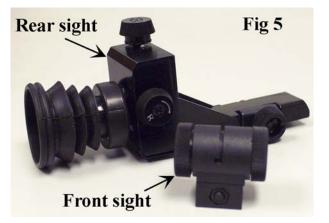


#### Sight assembly.

If you wish to use the sights supplied with your Biathlon Rifle they first have to be fitted to the gun.

The set of sights supplied comes in 2 pieces, Fig 5, the front sight and rear sight, and both fit onto dovetail mountings on the rifle.

Firstly making sure that the thumb screw is loose, slide the rear sight onto the dovetails and into position Fig 6. Once the sight is in position, the thumb screw can be tightened, being careful not to over-tighten the screw Fig 7. When the sight is on the dovetail it can be moved forwards and backwards to establish the proper eye relief for each position.



If not already fitted, fit the riser block to the bottom of the front sight Fig 8. **Note:** If the riser block is not fitted on the barrel the rifle cannot be properly sighted in.

The sight can now be fitted into the dovetails on the muzzle Fig 9.

The sight tunnel should be fitted with the screw on the left side facing the rear of the gun. When in place the screw can be tightened Fig 10, care must be taken as the screw and nut are mounted into the plastic moulding and over tightening will damage the sight.







Fig 9

# Filling the Cylinder.

#### Removing the cylinder from the rifle.

To fill the cylinder it must first be removed from the main body of the rifle. This is achieved by unscrewing the cylinder in a anticlockwise direction. Fig 11. The cylinder should only be hand tight, if this is not the case use the spanner provided to loosen the cylinder, then continue without the spanner Fig 12.

Note. When removing the cylinder from the rifle there may be a sound of air escaping, this is normal. Unscrew the cylinder enough to allow the air seal to break, wait for the release of air to stop then unscrew the cylinder the rest of the way.

Once the cylinder has been completely unscrewed remove it from the rifle.





#### Filling adaptor.

Fit the filling adaptor supplied to your chosen filling kit i.e. scuba bottle or pump. This simply screws in and seals down on the O ring in the adaptor.

With the adaptor, Fig 13, attached to your filling kit, screw the end of the cylinder into the adaptor. Close the bleed valve on the adaptor. Fig 14, and **slowly** open the main valve on the filling bottle or start pumping. When the air in the hose equalizes with the air in the cylinder, the cylinder will start to fill. Continue to **slowly** fill the cylinder until the required pressure of **200bar** is reached. **Note.** Always use the gauge on the filling equipment and not on the rifle.





Once the desired pressure is reached close the main valve on the filling bottle or stop pumping. Open the bleed valve on the adaptor, this will vent the trapped air in the hose and allow the cylinder to be unscrewed from the adaptor. If you don't vent the adaptor, air trapped in the hoses makes removing the cylinder from the filling kit very difficult and may cause damage to the adaptor seals.

With the vent screw open unscrew the cylinder from the filling adaptor.

Cock the action (this is to make sure the firing valve is closed to stop air venting down the barrel) and screw the cylinder back onto the rifle. The cylinder should be hand tight.

#### DO NOT USE THE SPANNER TO TIGHTEN THE CYLINDER ONTO THE RIFLE. REMEMBER THE RIFLE IS NOW IN A COCKED STATE AND READY TO FIRE, IT SHOULD NOW BE DE-COCKED OR FIRED OFF.

**Note.** The threads of the cylinder and cylinder extension, (where the cylinder screws into the rifle) must be protected and kept free of grit or dust. A thin coating of grease, such as Napier VP90 gun grease, may be applied to reduce friction on the threads.

It is also recommend that the cylinder pressure be allowed to fall to 100bar-110bar before removing to fill. Although this is not critical it will make the removal of the cylinder to refill easier.

#### Note on pumps.

If you are going to use a pump as your filling kit you will also need the pump adaptor, Fig 15, available from Air Arms. Order reference. Z2128-300.

Air Arms recommend that pump usage instructions are closely followed so as not to damage the cylinder of the rifle.

Also available for the HILLS pump is a drypac filter kit which will remove most of the moisture in the atmoshere.



## The in Stock Magazine Clips

On the right hand side of the stock are the magazine clips. The magazines simply push into the clips as in the picture below.



### Cocking and Loading the rifle.

To cock the S400 Biathlon rifle hold the gun firmly in one hand and with the other hook the index and middle finger around the handle and pull the lever all the way to the back as far as it can travel. See below.



### MOUNTING/DEMOUNTING THE MAGAZINE & PELLETS

#### DEMOUNTING

Fully cock the rifle, grip the magazine as shown below and slide out of the bolt housing without lifting. Do not attempt to lift vertically as damage to the indexing spring will result.

To refit the magazine, fully cock the rifle, grip the magazine in the same fashion and reverse the process sliding the magazine into the bolt housing applying downward pressure with the fore finger to keep the base of the magazine against the bottom of the slot in the bolt housing. Take care not to damage the indexing spring.

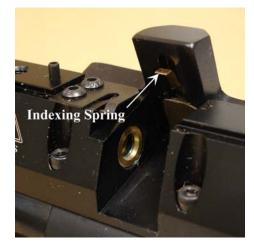


### LOADING PELLETS

Hold the magazine as in fig.3 and drop a pellet into the chamber. Manually index to the next empty chamber as in fig.4 and repeat until the magazine is full.







*Be very careful not to damage the indexing spring when demounting or mounting the magazine. Follow the instructions carefully.* 

WARNING. The rifle should only be fired when the magazine is fitted in the breech or damage to the seal carrier may occur.

# Trigger adjustment.

The Biathlon Rifle has a two stage trigger. This means that as the trigger is pulled the bottom sear gradually disengages with the top sear until the two disengage completely and the rifle fires. If the pressure on the trigger is released before firing, the sears return to their first fully engaged position. This type of trigger allows a very fine but safe operation because it is the release of the second stage that actually fires the gun. This arrangement is vastly superior to single stage trigger, however it must be stated that adjustment of a two stage unit is more difficult than the adjustment of a single stage trigger.

#### Trigger positioning.

The trigger on the Biathlon Rifle can be adjusted in a variety of ways to make the trigger as efficient as possible. First, the trigger blade can be rotated around the trigger pillar, this allows the finger to sit perfectly on the trigger.

The blade can be raised or lower on the pillar to make sure that it is in line with the shooters finger.

The whole trigger blade and pillar assembly can also slide forwards and backwards along the trigger bar to increase or decrease the length of pull.

These adjustments will allow the gun to be tailored the individual shooter.

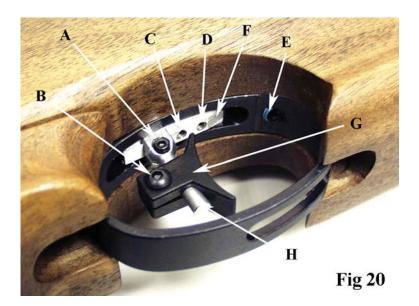


Fig 20.

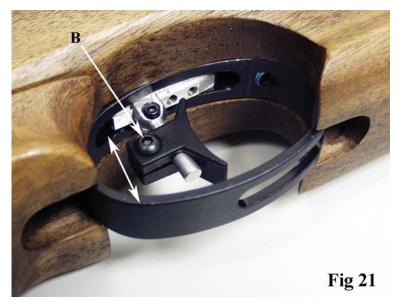
- A Pillar screw.
- B Blade screw.
- C Second stage adjuster.
- D First stage adjuster.
- E Weight of pull adjuster.
- F Trigger bar.
- G Trigger blade.
- H Trigger pillar.

#### Rotating, raising and lowering the blade.

The trigger blade can be rotated and moved up and down on the trigger pillar by loosening the screw in the blade 'B' (use the 2mm Allen key supplied.) Fig 21.

Once in position the screw can be retightened.

**WARNING.** Over tightening screws or bolts mounted into plastic may cause damage.



#### Moving the pillar on the trigger bar.

Loosening screw 'A' with the 1.5mm Allen key (supplied) will allow the trigger pillar to be moved forwards and backwards along the trigger bar. (Fig 22).

#### Trigger adjustment.

The operation of the trigger is controlled by 3 screws C, D & E (fig 23).

The weight of pull adjustment is controlled by screw 'E', and is located in front of the trigger, housed in the trigger guard (fig 20).

Clockwise rotation will increase the pull weight and counter-clockwise will

pull weight and counter-clockwise will decrease the weight. If the screw is over adjusted in the clockwise direction the spring will become coil-bound and may prevent operation of the trigger.

The first stage adjuster 'D' is the first screw in the trigger bar looking from the front of the gun (fig 23). This screw determines the length of first stage travel before the second stage engages. Clockwise adjustment reduces the first stage travel.

The second stage adjuster 'C' is located next to the first stage screw (fig 23). This screw determines the exact pull-off point of the trigger.





**WARNING.** Adjustment of a two-stage trigger can be difficult and should be left to experienced and trained technicians. Adjustment to any one of the screws will have a direct effect on the other two screws and could make the gun unsafe.

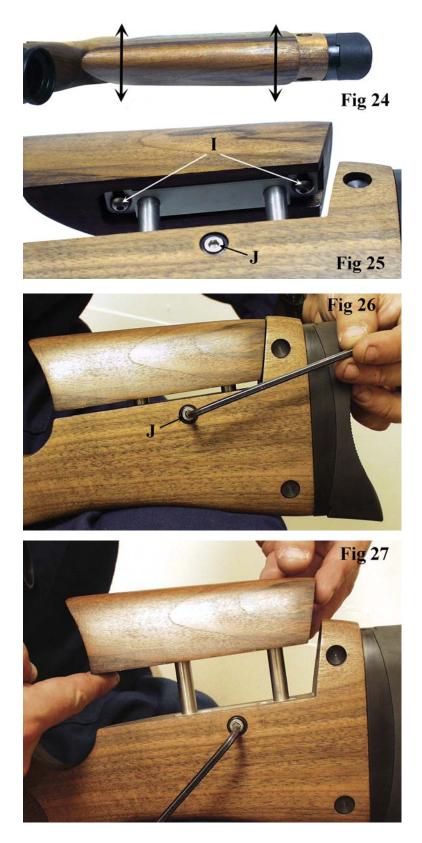
If you have no experience of adjusting a two-stage trigger it is highly recommended that you seek guidance or leave the trigger on the factory settings.

#### Tip.

When adjusting the trigger write down on a piece of paper the number of turns and direction of each adjuster screw. This will make it easier to recover the original settings if required.

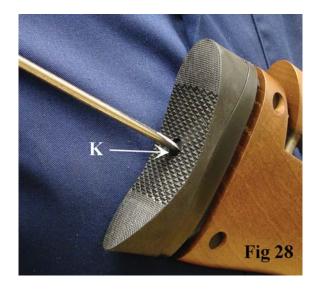
## Adjusting the Cheek Piece and Butt Pad.

The cheek piece can be adjusted in two planes first it can be raised and lowered by loosening screw 'J' (fig 25). The cheek piece can also be adjusted a small amount from side to side as in (fig 25), by loosening screws 'I'.



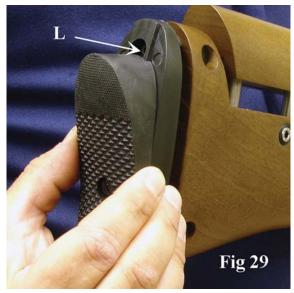
## Adjusting butt pad.

The butt pad on the rifle can be adjusting in the vertical plane by loosening screw 'K', and sliding the pad into position then re-tightening screw 'K'. Fig 28.



Spacers can be added in between the butt pad assembly and the butt stock to lengthen the stock. This can be achieved by moving the rubber pad up or down to expose screw 'L', Fig 29 at the top and bottom of the butt pad assembly.

Loosening these screw will allow a spacer (available from Air Arms) to be place into the assembly.



#### MAINTENANCE

#### FIXINGS

Regularly check the tightness of all fixings. However do **not** be tempted to over tighten as some parts are made from aluminium and stripped threads may result. Stripped threads are not covered by the manufacturers warranty.

#### BARREL

For ultimate accuracy, clean and re-lube the barrel frequently. It is difficult to advise how often is best for every circumstance, but every 250 shots is not too often if the desire is to keep the barrel in the best possible condition.

The correct materials are very important. Air arms only uses products made by napier. Listed below is the napier product and a more generally available alternative. If possible use napier for the best results.

CLEANER :	'NAPIER GUN CLEANER', ALTERNATIVELY WHITE SPIRIT.
OIL :	'NAPIER GUN OIL', ALTERNATIVELY '3 IN 1' OIL.
PULL-THROUGH PAD:	'NAPIER RIFLE CLEAN', ALTERNATIVELY SOFT COTTON CLOTH.
PULL-THROUGH LINE:	'NAPIER PULL THROUGH KIT', ALTERNATIVELY 201b FISHING LINE.

As a rule cleaners and oils intended for shotguns and small/fullbore weapons are not suitable.

- 1> Cut a piece of line three times the length of your barrel, fold in half and tie ends together. Remove silencer if fitted. Open loading bolt.
- 2> Feed un-knotted end down barrel from the muzzle end until folded end protrudes about 50mm.
- 3> Cut a 100mm length of 'rifle clean' or 100x50mm piece of cloth and pass it between the pro truding loop. Spray the pad with 'gun cleaner' or white spirit, turn the rifle upside down and pull the line back through the barrel slowly.
- 4> Repeat steps 2&3 until the pad is clean.
- 5> Repeat steps 2&3 once more without any cleaner on the pad to dry the barrel.
- 6> Repeat steps 2&3 once more with the pad sprayed with 'gun oil' or 3 in 1 oil.

<u>IMPORTANT :</u> THE REASON FOR TURNING THE RIFLE UPSIDE DOWN IS TO PREVENT EXCESS CLEANER/OIL FROM PASSING DOWN THE TRANSFER PORT INTO THE FIRING VALVE CHAMBER.

#### **LUBRICATION**

Lubrication of the internal mechanism is not covered in this handbook. This is best performed by a competent gunsmith or the factory and in any case should not be required until the annual service.

On return from every shooting session, wipe all over the exterior with an oily rag to preserve the surface finish during storage.

# **SAFETY**

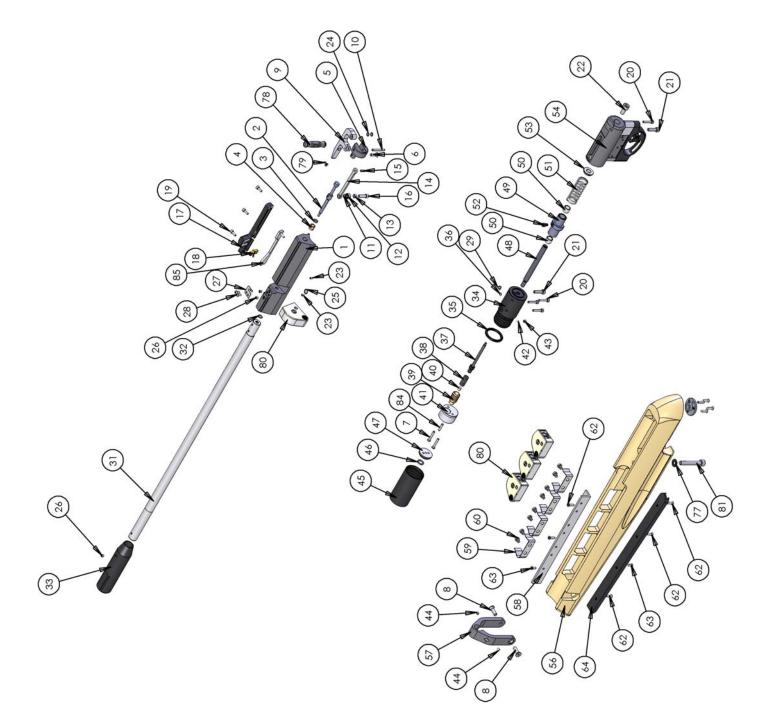
You and others with you should always wear shooting glasses to protect your eyes.

- Always aim your air rifle in a SAFE DIRECTION. When you are sure of your target and backstop and the area around the target is clear, take the air rifle OFF SAFE and squeeze the trigger to fire.
- Do not shoot at hard surfaces or at the surface of water. The pellet may bounce off or ricochet and hit someone or something you had not intended to hit.
- Always choose your target carefully. It is best to shoot at paper bullseye targets attached to a safe backstop. Your backstop should be checked for wear before and after each use. Replace your backstop if the surface is worn or damaged or if a ricochet occurs.
- Your rifle is suited for indoor and outdoor use. Always remember to place your target carefully. THINK about what you will hit if you miss the target.
- Do not attempt to disassemble or tamper with your air rifle. Contact Air Venturi at 216-292-2570 for repair.

Do not put the air rifle away while it is loaded or cocked.

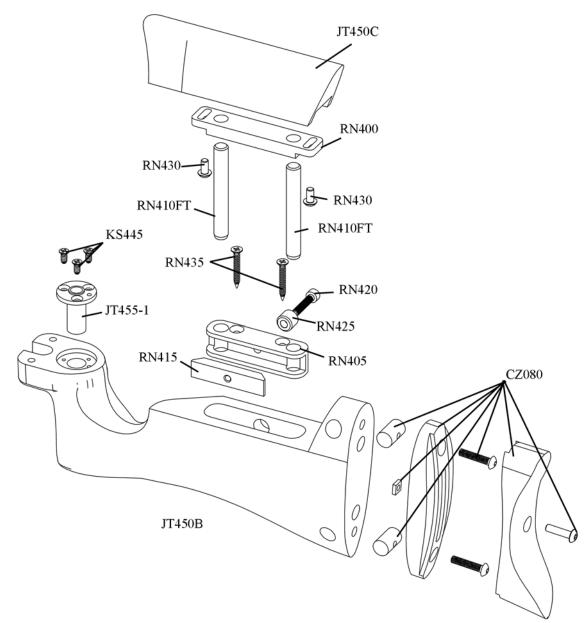
# **REPAIR SERVICE** If your rifle needs to be repaired, contact Air Venturi at 216-292-2570.

BOLT HSE - SIDE LEVER     1     38     5306       .177 LOADING BOLT STERN - SIDE LEVER     1     39     JT360       .177 LOADING BOLT STERN BUFFER. 22     1     40     SA71       BOLT HSE BULF 25-SL     1     41     JT37       BOLT HSE BULF 25-SL     1     43     TX28       M3x12 CSK SKT     2     44     S303       M3x12 CSK SKT     2     44     J336-1       COCKING ARM BIATHLON     1     43     TX28       M3x12 CSK SKT     2     44     J336-2       COCKING ARM BIATHLON     1     43     TX28       M3x12 CSK SKT     2     44     J336-2       SA23 PIN     1     47     J136-2       BEARING SHIM     1     49     J570-SL       BEARING SHIM     1     49     J570-SL       SIDE LEVE BUSH     1     49     J570-SL       MALE     MALE     1     53     J736-SL       J138 DSL     J1380-SL     J1380-SL     J1380-SL       MALE	ITEM NO.	ITEM NO. PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
S5404 - SI.     177 LOADING BOLT DETENT - SIDE LEVER     1     39     JT360       5140     50140     0.77 LOADING BOLT DETENT BUFFR. 22     1     40     5471       5014     5014     DOTANINE BOLT DETENT BUFFR. 22     1     40     5471       5024     BOLT HERE BUSH. 3.2.     1     43     7228       7322     M3x12 CKN SOC     1     43     7203       7125-B     COCKING ARM BI ATHLON     1     43     7303       7125-B     COCKING ARM BI ATHLON     1     46     77336       5541     DELEVER BUSH     1     47     7336       5541     BEARING     1     48     5400       5541     BEARING     1     53     7720-SL       5541     BEARING     1     53     7736-SL       5551     BEARING     1 </td <td>1</td> <td>JT500-SL</td> <td></td> <td>1</td> <td>38</td> <td>S306</td> <td>FIRING VALVE SPRING</td> <td>1</td>	1	JT500-SL		1	38	S306	FIRING VALVE SPRING	1
S140     IOADIMG BOLT DETERT BUFFR. 22     1     40     5471       S100 - SL     DOLT HAGE BUST. 22 - SL     1     41     11337       S100 - SL     DOCT HAGE BUST. 22 - SL     1     42     144       S132 - DOCKING BIATHLOU     1     43     TX236       JT340 - DOCKING BIATHLOU     1     43     TX236       JT240 - DOCKING BIATHLOU     1     47     T336-1       JT125B - DOCKING BIATHLOU     1     47     T336-1       JT125B - DOCKING BIATHLOU     1     47     T336-1       S541 - DEARING SHIM     1     47     T336-2       S541 - DEARING SKT     1     47     T336-2       S541 - DOCKING LINK     1     47     T336-2       S541 - DOCKING LINK     1     47     T736-2       S541 - DOCKING LINK     1     51     T730-5       S551 - DOCKING LINK     1     52     IT331       S551 - DOCKING LINK     1     51     T730-5       S551 - DOCKING LINK     1     51     T730-5       S551 - DO	2	S540A - SL	.177 LOADING BOLT STEM - SIDE LEVER	1	39	JT360	FIRING VALVE SPRING RETAINER	1
Stol - SL     BOUT HSE BUSH . 22 - SL     1     41     IT337       5301 - SL     SX01 - SL     1     42     E146       5313     M3 × 10 CK SKT     2     44     5303       17340     M3 × 10 CK SKT     2     45     17336-1       17340     M3 × 10 CK SKT     2     45     17336-1       17340     M3 × 10 CK SKT     2     45     17336-1       1725-B     COCKING ARM BI ATHLON     1     46     17338-1       1725-B     SCAT     S2     45     17336-2       5541     S541     M3 KB KING PMM     1     48     5340       5542     DIC LEVER BUSH     1     48     5340     1536-1       5542     DIC LEVER BUSH     1     48     5340     1536-1       5544     DIC LEVER BUSH     1     48     5340     1735-1       555     DIS KIC PP     DIS KIC PP     1     49     1735-1       555     M4.6 TURNED HEAD     1     S2     5356-1	3	S140	BUFFER.	1	40	S471	SINTERED FILTER	1
S130     COCKING ARM PIVOT BLOCK     1     4.2     E146       5322     M3x12 CSK SOC     1     4.3     7X28       7435     M5x 16 CSK SKT     2     4.4     500       7435     M5x 16 CSK SKT     2     4.5     7336       7125-B     COCKING ARM BLATHLON     1     4.6     /7336       5141     BEARING SHIM     1     4.6     /7336       5542     SDE LEVER BUSH     1     4.8     500       5542     SDE LEVER BUSH     1     4.8     500       5542     SDE LEVER BUSH     1     4.8     500       5543     SIDE LEVER BUSH     1     2.0     520-1       5544     COCKING LINK     1     2.0     520-1       5550     SIS SEN-SL     M4.46 UNK     1     2.0     520-1       5550     SIS SEN     M4.46 UNK     1     2.0     520-1       555     SIS SEN     M4.46 UNK     1     2.0     520-1       555     SIS SEN     M4.46 UNK	4	- E	BOLT HSE BUSH .22 - SL	1	41	JT337	CYL EXT INSERT	1
3322     M3x12 CK SOC     1     43     TX28       IT340     M3x 2 0 CKK SKT     2     44     5136-1       TX3-5B     COCKING ERK SKT     2     44     5136-1       TX3-5B     COCKING ERK SKT     1     46     5136-1       TX3-5B     COCKING ERK SKT     1     47     7136-2       TX4-5B     COCKING ERK SKT     1     47     7136-2       S541-1     BEARING     1     47     7136-2       S541     BEARING     1     47     7136-2       S541     S541     BEARING     1     48     5340       S542     SIDE EVER BUSH     1     49     7730-51       S543     SIDE EVER BUSH     1     49     7730-51       S555     SIDE EVER BUSH     1     49     7730-51       S555     M3x 16 KT CAP     1     57     71380-51       S555     M3x 16 KT CAP     1     57     71380-51       S555     M3x 16 KT CAP     1     57     7146	5	S130	COCKING ARM PIVOT BLOCK	1	42	E146	COCKING ARM FRICTION PAD	1
IT340     M3x 20 CKS KYT     2     44     S303       TX435     M5 x16 CKS KYT     2     45     IT336-1       TX435     M5 x16 CSK SKT     2     45     IT336-1       TX435     M5 x16 CSK SKT     2     45     IT336-1       TX435     BEARING     1     47     IT336-2       S41-1     BEARING     1     48     S340       S541     BEARING     1     49     IT520-SL       S542     SDELEVENUSH     1     51     IT530       S543     SILR ROLL     1     51     IT510-SL       S544     SCKING LINK     1     53     IT530       S550     M4x16 TURNED HEAD     1     53     IT530       S550     M3x16 KTCAP     1     53     IT442       S550     M3x16 KTCAP     3     58     IT442       S550     M3x16 KTCAP     2     60     IT443       RN102A     M3x16 KTCAP     2     63     IT442       S555     <	9	S322	M3x12 CSK SOC	1	43	TX228	M4 × 4 SKT SET FL PT	1
TX435     M5 x 16 CKS KYT     2     45     IT336-1       T1125-B     COCKING ARM BI ATHLON     1     46     IT336-2       F144     3x30     EARING SHIM     1     47     T336-1       5541-1     EARING SHIM     1     48     530-1       5541     EARING SHIM     1     48     530-1       5541     EARING     1     48     530-1       5542     SIGE LEVER BUSH     1     49     1730-51       5543     SIGE LEVER BUSH     1     50     550-1       5544     SAT     MAX16 TURNED HEAD     1     53     17331       5550     SIDE PLATE     MAX16 SKT CAP     1     53     17330       5550     SIDE PLATE     MAX16 SKT CAP     3     58     17442       5550     MAX16 SKT CAP     1     57     17380-51       5550     MAX16 SKT CAP     1     57     1740       5550     MAX16 SKT CAP     2     60     1744       5503     MAX16 S	7	JT340	M3 × 20 CSK SKT	2	44	S303	M3 × 4 SKT SET FL PT	2
IT125-B     COCKING ARM BI ATHLON     1     46     JT338       E144     3x3.8 PIN     1     47     JT336-2       E144     3x3.8 PIN     1     47     JT336-2       S541-1     BEARING SHIM     1     48     S540       S41     BEARING SHIM     1     48     JT530-SL       S42     S10E LEVER BUSH     1     48     JT530-SL       S541     S10     BEARING FOLT     1     50     S50-SL       S550     SIDE LEVER BUSH     1     50     S50-SL       S550     SIDE LEVER BUSH     1     51     JT331       S550     SIDE LEVER BUSH     1     57     JT331       S550     SIDE LEVER BUSH     1     57     JT331       S550     S1045     1     57     JT331       S550     MALE TURNE FORT     1     57     JT342       S550     MALE TURNE FORT     2     66     JT442       S550     MALE SKT CAP     2     64     JT445 <td>8</td> <td>TX435</td> <td>M5 × 16 CSK SKT</td> <td>2</td> <td>45</td> <td>JT336-1</td> <td>CYLINDER EXTENSION</td> <td>1</td>	8	TX435	M5 × 16 CSK SKT	2	45	JT336-1	CYLINDER EXTENSION	1
E144     3x23.8 PIN     1     47     1736-2       S541-1     BEARING SHIM     1     47     1736-2       S541     BEARING SHIM     1     48     5340       S541     SIDE LERVER BUSH     1     48     5340       S542     SIDE LEVRE BUSH     1     59     17520-SL       S44     S1DE FURE BUSH     1     51     17331       S44     COCKING LINK     1     55     5550-1       S550     S351-SL     Mx46 TURED HEAD     1     53     17530       S550     M3x46 TURED HEAD     1     53     17331     55       S550     M3x46 TURED HEAD     1     54     17300-SL       S550     M3x46 TURED HEAD     1     54     17430       S550     M3x46 TURED     1     54     17430       S550     M3x46 TURED     2     60     17445       S550     M3x416 TOIN     2     64     17445       N102     S650     M3x416 TOIN     2 <t< td=""><td>6</td><td>JT125-B</td><td>ATHL</td><td>1</td><td>46</td><td>JT338</td><td>CYLINDER EXTENSION O RING</td><td>1</td></t<>	6	JT125-B	ATHL	1	46	JT338	CYLINDER EXTENSION O RING	1
S41-1     BEARING SHIM     1     48     S340       S541     BEARING     1     49     JTS20-SI.       S542     SIDELEVER BUSH     1     50     S520-1       S542     COCKIGLINK     1     51     JT331       S542     SIDE LEVER BUSH     1     53     JT331       S542     SIDE PLATE     3x118 Roler     1     53     JS54       S550     SIDE PLATE     1     53     JT331     J       S555     MAx16 TURNED HEAD     1     53     JT342       S555     MAx16 TURNED FEAD     1     53     JT442       S555     MAX16 TOPN     1     53     JT442       S555     MAX16 ST CAP     3     56     JT442       N1002A     MAX16 ST CAP     2     63     JT442       RN135     MAX16 ST CAP     2     63     JT442       RN135     MAX16 ST CAP     2     64     JT440       S303     MAX16 ST CAP     2     64     JT440	10	E144	3x23.8 PIN	1	47	JT336-2	GLAND NUT	1
S41     BEARING     1     49     JTS20-SL       S542     SIDE LEVER BUSH     1     50     S520-1       S542     SIDE LEVER BUSH     1     50     S520-1       S564     COCKING LINK     1     53     J550-1       S554+SL     MAXL6 TUNNED HEAD     1     53     J550-1       S550     S1DE PLATE     X11 RONED HEAD     1     53     J550-1       S550     S1DE PLATE     NDEXING POST     1     53     J550-1       S550     S1DE PLATE     X1 RONED     1     53     J550-1       S550     S154     MAXL6 POST     1     53     J742       S550     M3 X 16 ST CAP     3     S65     J1442       RN135     MAX 16 ST CAP     1     67     J445       RN135     MAX 16 ST CAP     2     63     K445       RN135     MAX 16 ST CAP     2     64     J7440       S303     M3 X 16 ST CAP     2     64     J7440       S1033     MAX 16 ST	11	S541-1	BEARING SHIM	1	48	S340	STRIKER ROD	1
S42     SIDE LEVER BUSH     1     50     S520-1       S264     COCKING LINK     1     51     JT331       S264     COCKING LINK     3     1     53     JT331       E1127     3x11.8 Roller     1     53     JT330       S355H-SL     M4x16 TURNED HEAD     1     53     JT380-SL       S550     SIDE PLATE     1     57     JT380-SL       S555     M3 × 8 KT CAP     3     58     JT342       S555     M3 × 16 SKT CAP     4     59     K531       S655     M3 × 16 SKT CAP     2     60     JT442       KN102A     M4 × 16 SKT CAP     2     60     JT442       KN102A     M3 × 16 SKT CAP     2     60     JT442       KN102A     M4 × 16 SKT CAP     2     60     JT442       KN102A     M4 × 16 SKT CAP     2     60     JT442       KN102     M3 × 16 SKT CAP     2     60     JT442       S03     M3 × 16 SKT CAP     2     60     J	12	S541	BEARING	1	49	JT520-SL	<b>STRIKER - SIDE LEVER</b>	1
S264     COCKING LINK     1     51     IT331       E127     3x11.8 Roller     1     52     S356H       535H-5L     M4x16 TURNED HEAD     1     52     S356H       5355H-5L     M4x16 TURNED HEAD     1     53     J7530       5550     S1DE PLATE     1     53     J7360       5550     S1DE PLATE     1     53     J7380-SL       5550     S1DE PLATE     1     53     J7380-SL       5555     M3 x 16 SKT CAP     1     57     J17422       7     KND2A     M4 x 16 SKT CAP     2     60     J7442       7     KND2A     M4 x 16 SKT CAP     2     60     J7442       7     KND35     M6 x 12 SKT CAP     2     60     J7445       81033     M6 x 12 SKT CAP     2     60     J7445       81035     M6 x 12 SKT CAP     2     60     J7445       81035     M3x4 FLAT POINT     2     63     J7445       917228     M45     M45	13	S542	SIDE LEVER BUSH	1	50	S520-1	BUSH	2
E127     3x11.8 Roller     1     52     S356H       S355H-SL     Max16 TURNED HEAD     1     53     JT530       S550     SIDE PLATE     1     53     JT530       S555     S1DE PLATE     1     54     TRIGGER ASSY-BI ATHLON       S555     S1DE PLATE     1     57     JT380-SL       S555     M3 x 8 SKT CAP     3     58     JT442       RN102A     M3 x 16 SKT CAP     3     58     JT442       RN102A     M3 x 16 SKT CAP     3     58     JT442       RN102A     M3 x 16 SKT CAP     2     60     JT442       S03     M3 x 16 SKT CAP     2     60     JT42       S1236     M6 x 12 SKT CAP     2     63     RV45       S03     M3x FLAT POINT     2     63     RV45       S1228     M6 x 12 SKT CAP     2     63     RV45       S1229     M3x FLAT POINT     2     63     RV45       JT228     M45     SK     JT440     JT400	14	S264	COCKING LINK	1	51	JT331	MAIN SPRING	1
S355H-SL     M4x16 TURNED HEAD     1     53     JT530       S550     S1DE PLATE     1     54     TRIGGER ASSY - BI ATHLON       S515A     INDEXING POST     1     57     JT380-SL       S515A     INDEXING POST     1     57     JT380-SL       S515A     INDEXING POST     3     58     JT442       S565     M3 x 16 SKT CAP     3     58     JT442       KN102A     M3 x 16 SKT CAP     3     58     JT442       KN102A     M3 x 16 SKT CAP     4     59     K5631       KN102A     M3 x 16 SKT CAP     2     60     JT442       S033     M3x4 FLAT POINT     2     63     JT445       S103     M3x4 FLAT POINT     2     64     JT440       S102     S62     M455     JT142     JT142       S122     S6     M455     JT122     JT122       S122     M455     JT122     JT1440     JT122       S103     M455     JT122     JT122     JT122 <	15	E127	3x11.8 Roller	1	52	S356H	STRIKER SCREW	1
S550     SIDE PLATE     1     54     TRIGGER ASSY - BI ATHLON       S515A     INDEXING POST     1     57     JT380-SL       S555     M3 x 8 SKT CAP     3     58     JT442       S565     M3 x 16 SKT CAP     3     58     JT442       RN102A     M3 x 16 SKT CAP     3     58     JT442       RN135     M4 x 16 SKT CAP     2     60     JT445       RN135     M4 x 16 SKT CAP     2     60     JT445       RN135     M4 x 16 SKT CAP     2     64     JT445       S303     M3 x FLAT POINT     2     64     JT445       S103     M3 K FLAT POINT     2     64     JT445       S103     M3 K FLAT POINT     2     64     JT440       S1228     M4 x 5 CNE POINT     2     64     JT440       S17228     M4 x 5 CNE POINT     2     64     JT440       S103     M3 x 6 SKT BT NHD     3     7     S1725-1       S1112     S11228     M3 x 6 SKT BT NHD     3	16	S355H-SL	M4x16 TURNED HEAD	1	53	JT530	<b>REAR SPRING GUIDE 7 JOULE</b>	1
S515A     INDEXING POST     1     57     JT380-SL       S565     M3 x 8 SKT CAP     3     58     JT442       S565     M3 x 16 SKT CAP     3     58     JT442       RN102A     M3 x 16 SKT CAP     3     58     JT442       RN102A     M3 x 16 SKT CAP     2     60     JT445       KN135     M6 x 12 SKT CAP     2     60     JT445       RN135     M6 x 12 SKT CAP     2     60     JT445       S303     M3x FLAT POINT     2     63     RN445       S303     M3 x FLAT POINT     2     64     JT440       S427     GK1 O RING     1     77     S655       JT228     M4x5 CONE POINT     2     64     JT440       S505     MA45     M455     78     JT125-1       S680     M3 x 6 SKT BTN HD     2     80     S558       S1112     S680     M3 x 6 SKT BTN HD     78     JT126-1       JT112     S680     M3 x 6 SKT BTN HD     78     JT326	17	S550	SIDE PLATE	1	54	TRIGGER ASSY - BI ATHLON	TRIGGER ASSY - BI ATHLON	1
S565     M3 × 8 SKT CAP     3     58     JT442       RN102A     M3 × 16 SKT CAP     4     59     K631       TX236     M4 × 16 SKT CAP     2     60     JT445       TX236     M4 × 16 SKT CAP     2     60     JT445       RN135     M6 × 12 SKT CAP     2     60     JT445       S303     M3 × FLAT POINT     2     63     RN455       S103     M3 × FLAT POINT     2     63     RN455       S103     M3 × FLAT POINT     2     63     RN455       S103     S10     M3 × FLAT POINT     2     63     RN455       S103     S10     M3 × FLAT POINT     2     63     RN455       S103     S10     M3 × FLAT POINT     2     63     RN455       JT228     M3 × FLAT POINT     2     63     RN455       S05     S680     M3 × 6 SKT BTN HD     2     8     JT125-1       S1121     RN193     M3 × 6 SKT BTN HD     2     80     JS58       JT1	18	S515A	INDEXING POST	1	57	JT380-SL	<b>BARREL CLAMP - SIDE LEVER</b>	1
RN102A     M3 x 16 SKT CAP     A     59     K631       TX236     M4 x 16 SKT CAP     2     60     JT445       RN135     M6 x 12 SKT CAP     2     60     JT445       RN135     M6 x 12 SKT CAP     2     60     JT445       S303     M3x4 FLAT POINT     2     63     RN445       S105     M3 CRINKLE WASHER     2     63     RN455       S103     M3 CRINKLE WASHER     2     64     JT440       S427     GKT ORING     1     77     S655       JT228     M4x5 CONE POINT     3     78     JT125-1       S505     M3x 6 SKT BTN HD     3     78     JT125-1       S680     M3 x 6 SKT BTN HD     2     80     S558       S680     M3 x 6 SKT BTN HD     2     80     S558       JT112     BAREL     A     JT101     S625       JT112     BAREL     A     A     JT101       JT455-B     M02CLE END (SHORT) - BI ATHLON     1     A     JT101 <	19	S565	M3 x 8 SKT CAP	3	58	JT442	MAGAZINE RAIL	1
TX236     M4 x 16 SKT CAP     Z     60     JT445       RN135     M6 x 12 SKT CAP     1     62     K5445       S303     M3x4 FLAT POINT     2     63     K945       S103     M3x4 FLAT POINT     2     63     K945       S103     M3x4 FLAT POINT     2     63     K945       S103     M3 CRINKLE WASHER     2     64     JT400       S427     MAx5 CONE POINT     2     64     JT440       S505     MAx5 CONE POINT     3     78     JT125-1       S1228     MAx5 CONE POINT     3     78     JT125-1       S605     M3 x 6 SKT BTN HD     2     80     S558       S680     M3 x 6 SKT BTN HD     2     80     S558       S680     M3 x 4 BT HD     73     81     S625       JT112     BARREL     1     79     S625       JT112     BARREL     1     84     JT101       JT4595-B     MUZZLE END (SHORT) - BI ATHLON     1     84     JT101 <td>20</td> <td>RN102A</td> <td>M3 × 16 SKT CAP</td> <td>4</td> <td>59</td> <td>KS631</td> <td>MAGAZINE CLIP</td> <td>4</td>	20	RN102A	M3 × 16 SKT CAP	4	59	KS631	MAGAZINE CLIP	4
RN135     MG x 12 SKT CAP     1     62     K5445       S303     M3x4 FLAT POINT     2     63     K445       S160     M3x4 FLAT POINT     2     63     R1445       S103     M3x4 FLAT POINT     2     63     R1445       S105     M3 CRINKLE WASHER     2     64     J740       JT228     M4x5 CONE POINT     3     78     J7125-1       JT228     M4x5 CONE POINT     3     78     J7125-1       S505     M3x 6 SKT BTN HD     3     78     J7125-1       S680     M3 x 6 SKT BTN HD     2     80     S558       J1112     M3 x 6 SKT BTN HD     2     80     S558       J1112     M3 x 4 BT HD     2     80     S558       J1112     BAREL     1     79     S625       J1112     HAL     84     J101     J14595-8       J1112     BAREL     1     84     J101       J14595-B     MUZZLE END (SHORT) - BI ATHLON     1     I     Ind	21	TX236	M4 x 16 SKT CAP	2	60	JT445	M4 × 5 CH HD	8
S303     M3x4 FLAT POINT     2     63     RN445       E160     M3 CRINKLE WASHER     2     63     RN445       S427     M3 CRINKLE WASHER     2     64     JT440       S427     Ku O RING     3     7     5553       JT228     M4x5 CONE POINT     3     78     JT125-1       S505     M4x5 CONE POINT     3     78     JT125-1       S505     M4x5 CONE POINT     3     78     JT125-1       S600     M3 × 6 SKT BTN HD     2     80     S558       S680     M3 × 4 BT HD     1     79     RN106       JT112     M3 × 4 BT HD     1     81     S625       JT112     BAREL     1     84     JT101       JT4595-B     MUZZLE END (SHORT) - BI ATHLON     1     84     JT101       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     84     JT101       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     1     1       JT507-SL     BS213 O RING     1     1 </td <td>22</td> <td>RN135</td> <td>M6 × 12 SKT CAP</td> <td>1</td> <td>62</td> <td>KS445</td> <td>No 6 3/8" POZI CSK</td> <td>5</td>	22	RN135	M6 × 12 SKT CAP	1	62	KS445	No 6 3/8" POZI CSK	5
E160     M3 CRINKLE WASHER     2     64     JT440       S427     6x1 O RING     1     77     S655       JT228     6x1 O RING     1     77     S655       JT228     M4x5 CONE POINT     3     78     JT25-1       S505     M4x5 CONE POINT     3     78     JT25-1       S600     M3x 6 SKT BTN HD     2     80     S558       N193     M3 x 6 SKT BTN HD     2     80     S558       JT112     M3 x 6 SKT BTN HD     2     80     S558       JT112     M3 x 6 SKT BTN HD     2     80     S558       JT112     BAREL     1     81     S625       JT112     BAREL     1     84     JT101       FP121     A.SALIS NBR70     1     84     JT101       JT4595-B     MUZZLE END (SHORT) - BI ATHLON     1     84     JT101       JT507-SL     FIRING VALVE BODY - SIDE LEVER     1     N     M       JT507-SL     BS213 O RING     1     M     M </td <td>23</td> <td>S303</td> <td>M3x4 FLAT POINT</td> <td>2</td> <td>63</td> <td>RN445</td> <td>No 6 1 1/4" POZI CSK</td> <td>2</td>	23	S303	M3x4 FLAT POINT	2	63	RN445	No 6 1 1/4" POZI CSK	2
S427     6x1 O RING     1     77     5655       JT228     M4x5 CONE POINT     3     78     JT25-1       S505     MAx5 CONE POINT     3     78     JT25-1       S505     MAG RETAINING CLIP     1     79     RN106       S505     M3 × 6 SKT BTN HD     2     80     S558       S680     M3 × 4 BT HD     2     80     S558       JT112     M3 × 4 BT HD     1     81     S625       JT112     BAREL     1     81     S625       JT112     HAL     1     81     S625       JT112     BAREL     1     84     JT101       JT4595-B     MUZZLE END (SHORT) - BI ATHLON     1     84     JT101       JT4505-L     RUSG VALVE BODY - SIDE LEVER     1     7     M       JT507-SL     FIRING VALVE BODY - SIDE LEVER     1     7     M       R0234     BS213 O RING     1     1     7     M       R0191     R0191     ADUSTER SCREW     1     M </td <td>24</td> <td>E160</td> <td>M3 CRINKLE WASHER</td> <td>2</td> <td>64</td> <td>JT440</td> <td>ACCESSORY RAIL</td> <td>1</td>	24	E160	M3 CRINKLE WASHER	2	64	JT440	ACCESSORY RAIL	1
JT228     M4x5 CONE POINT     3     78     JT125-1       S505     MAG RETAINING CLIP     1     79     RN106       RN193     MAG RETAINING CLIP     1     79     RN106       RN193     M3 × 6 SKT BTN HD     2     80     S558       S680     M3 × 4 BT HD     2     80     S558       JT112     BAREL     1     81     S625       JT112     BAREL     1     84     JT101       JT4595-B     MUZZLE END (SHORT) - BI ATHLON     1     84     JT101       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     84     JT101       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     84     JT101       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     84     JT101       M1207     FIRING VALVE BODY - SIDE LEVER     1     84     JT101       M1207     FIRING VALVE BODY - SIDE LEVER     1     84     JT101       M1201     BS213 O RING     1     1     1     1       M191	25	S427	6x1 O RING	1	77	S655	6 X 12 X 1.5 WASHER	1
S505     MAG RETAINING CLIP     1     79     RN106       RN193     M3 x 6 SKT BTN HD     2     80     S558       S680     M3 x 4 BT HD     2     80     S558       JT112     M3 x 4 BT HD     1     81     S625       JT112     BARREL     1     81     S625       JT112     BARREL     1     84     JT101       JT4595-B     MUZZLE END (SHORT) - BI ATHLON     1     84     JT101       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     1     M       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     M     M       JT507-SL     MUSZLE END (SHORT) - BI ATHLON     1     M     M       MU201     MUSZLE END (SHORT) - BI ATHLON     1     M     M       MU202     RING VALVE BODY - SIDE LEVER     1     M     M       M1201     RN191     M     M     M     M       M1201     RN191     M     M     M     M       M1201     RN191     M	26	JT228	M4x5 CONE POINT	3	78	JT125-1	COCKING LEVER HANDLE	1
RN193     M3 x 6 SKT BTN HD     2     80     558       5680     M3 x 4 BT HD     1     81     5625       JT112     BAREL     1     81     5625       JT112     BAREL     1     81     5625       JT112     BAREL     1     84     JT101       JT4595-B     MUZZLE END (SHORT) - BI ATHLON     1     84     IT001       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     1     1       JT507-SL     FIRING VALVE BODY - SIDE LEVER     1     1     1       R0134     BS213 O RING     1     1     1     1       R0191     RN191     ADJUSTER SCREW     1     1     1     1       S370     FIRING VALVE ASSY     1     1     1     1     1	27	S505	MAG RETAINING CLIP	1	79	RN106	M3 × 6 CSK SLOTTED	1
5680     M3 x 4 BT HD     1     81     5625       JT112     BAREL     1     81     5625       JT112     BAREL     1     84     JT101       FP121     4.5x1.5 NBR70     1     84     JT101       JT4595-B     MUZZLE END (SHORT) - BI ATHLON     1     84     P       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     84     P       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     84     P       JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1     P     P       NT34     BS213 O RING     1     P     P       RN191     BS213 O RING     1     P     P       S370     S370     FIRING VALVE ASSY     1     P     P	28	RN193	M3 x 6 SKT BTN HD	2	80	S558	.177 MAGAZINE - 5 SHOT	4
JT112     BARREL     1     84     JT101       FP121     4.5x1.5 NBR70     1     84     JT101       JT4595-B     A.5x1.5 NBR70     1         JT507-SL     MUZZLE END (SHORT) - BI ATHLON     1         JT507-SL     FIRING VALVE BODY - SIDE LEVER     1         rn234     BS213 O RING     1          RN191     ADJUSTER SCREW     1          S370     FIRING VALVE ASSY     1	29	S680	M3 x 4 BT HD	1	81	S625	M6 × 40 SKT CAP	1
FP121     4.5x1.5 NBR70       JT459S-B     MUZZLE END (SHORT) - BI ATHLON       JT507-SL     MUZZLE END (SHORT) - BI ATHLON       rn234     BS213 O RING       rn234     BS213 O RING       RN191     ADJUSTER SCREW       S370     FIRING VALVE ASSY	31	JT112	BARREL	1	84	JT101	3 x 14 DIN 6325	1
JT4595-B     MUZZLE END (SHORT) - BI ATHLON       JT507-SL     FIRING VALVE BODY - SIDE LEVER       rn234     BS213 O RING       RN191     ADJUSTER SCREW       S370     FIRING VALVE ASSY	32	FP121	4.5x1.5 NBR70	1				
JT507-SLFIRING VALVE BODY - SIDE LEVERrn234BS213 O RINGRN191ADJUSTER SCREWS370FIRING VALVE ASSY	33	JT459S-B	1	1				
rn234     BS213 O RING       RN191     ADJUSTER SCREW       5370     FIRING VALVE ASSY	34	JT507-SL	FIRING VALVE BODY - SIDE LEVER	1				
RN191 ADJUSTER SCREW   S370 FIRING VALVE ASSY	35	rn234	BS213 O RING	1				
S370 FIRING VALVE ASSY	36	RN191	ADJUSTER SCREW	1				
	37	S370	FIRING VALVE ASSY	1				



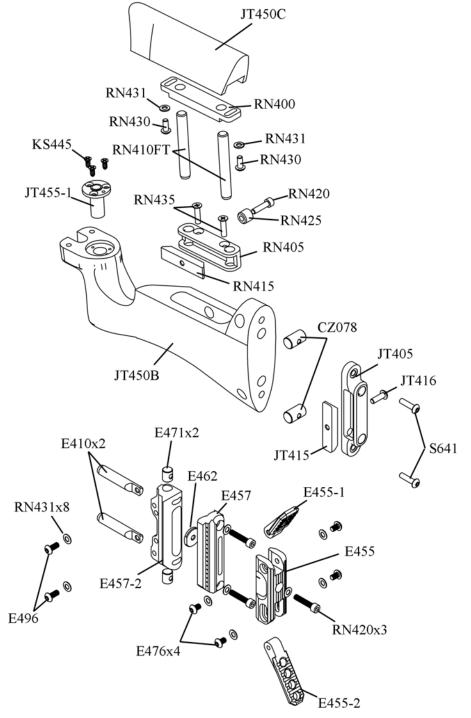
## PART LIST <> BUTT ASSEMBLY

PART NO.	DESCRIPTION.	QTY	PART NO.	DESCRIPTION.	QTY
JT450C	CHEEK PIECE	1	RN405	BOTTOM PLATE	1
RN400	TOP PLATE	1	RN420	SCREW	1
RN430	SCREW	2	RN425	BUSH	1
RN410FT	PILLAR	2	RN435	SCREW	2
KS445	SCREW	3	CZ080	BUTT ASSEMBLY	1
JT455-1	JOINT PIECE	1	JT450B	BUTT STOCK	1
RN415	LOCKING PLATE	1			

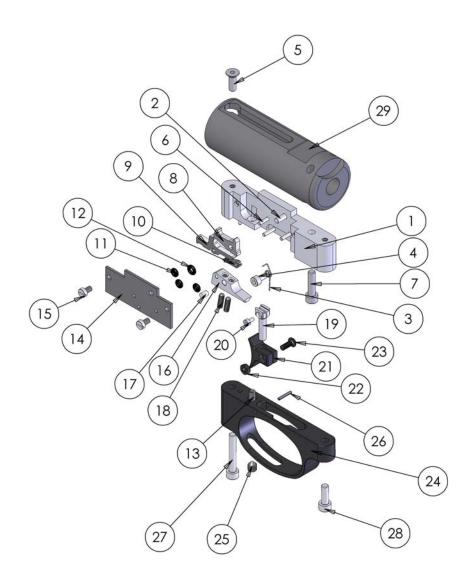


## PART LIST <> METAL BUTT ASSEMBLY

PART NO.	DESCRIPTION.	QTY	PART NO.	DESCRIPTION.	QTY
CZ078	NUT	2	JT450B	BUTT STOCK	1
E410	ADJUSTER RODS	2	JT450C	CHEEK PIECE	1
E455	SLIDER	1	JT455-1	JJOINT PIECE	1
E455-1	TOP ARM	1	KS445	SCREW	3
E455-2	BOTTOM ARM	1	RN400	TOP PLATE	1
E457	SWIVEL PLATE	1	RN405	BOTTOM PLATE	1
E457-2	BACKING PLATE	1	RN410FT	CHEEK PIECE PILLARS	2
E462	LOCKING PLATE	1	RN415	LOCKING PLATE	1
E471	NUT	2	RN420	SCREW	3
E476	SCREW	4	RN425	BUSH	1
E496	SCREW	2	RN430	SCREW	2
JT405	ADJUSTER MOUNT	1	RN431	WASHER	10
JT415	LOCKING PLATE	1	RN435	SCREW	2
JT416	SCREW	1	S641	SCREW	2

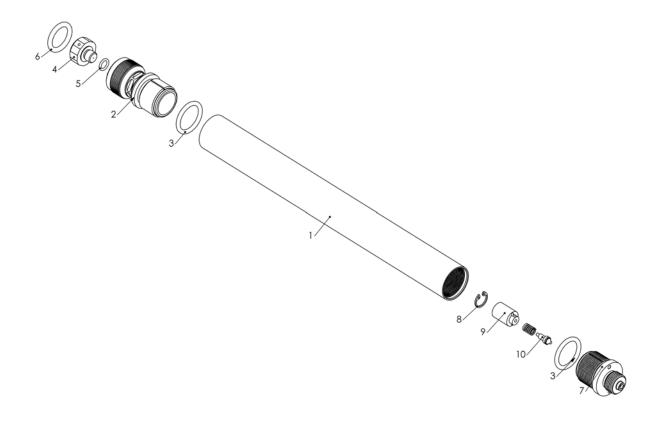


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER
1	S312	TRIGGER CHASSIS	1	16	JT420
2	TX398	3x11.8 ROLLER	1	17	TX432
3	S495	TOP SEAR SPRING	1	18	S421
4	S496	МЗх6 САР	1	19	JT330
5	S322	M4x12 csk soc	1	20	BB268
6	S326	2x11.8 ROLLER	4	21	RN350
7	TX236	M4x16 CAP	1	22	RN351
8	S320-2	TOP SEAR	1	23	RN352
9	S325-2	BOTTOM SEAR	1	24	S315
10	S321-2	MIDDLE SEAR	1	25	TX381
11	S329	BS004 O RING	3	26	RN170
12	S328	BS005 O RING	1	27	S316
13	S319	WEIGHT OF PULL SPRING	1	28	TX460
14	S430	COVER PLATE	1	29	S310-SL
15	S324	M3X5 CHEESE HEAD	2		



#### CYLINDER PART LIST

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	RN235	CYL TUBE	1
2	JT490	GAUGE BODY	1
3	RN234	BS213 O RING	2
4	S645	INDICATOR GAUGE	1
5	RN219-9	BS 011 O RING	1
6	RN241	20X4 O RING	1
7	JT491	FILLING VALVE BODY	1
8	JT102	BS1300-14 CIRCLIP	1
9	JT103	FILLING VALVE SPRING RET	1
10	RN239	FILLING VALVE	1



# **Technical Information.**

### Weights and measures.

Overall	weight.
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Sporter.	3.15kg.
Precision with rubber pad.	3.17kg.

### Overall Length.

Sporter.	925mm (36 3/8").
Precision with rubber pad.	1040mm (41").

Barrel length. Barrel length including muzzle.	480mm (18 7/8"). 522mm (20 1/2").
Barrel length including long muzzle.	545mm (21 1/2").

Length of sight line. Sporter. Precision.

Length of accessory rails.

Internal (optional on sporter).	192mm (7 1/2").
External.	260mm (10 1/4").

### Reach to pull.

Rubber butt pad models.

Calibre. Power.

Cocking method.

308mm - 318mm.

645mm (25 3/8").

760mm (29 7/8")

.177 (4.5mm) 7 joules (5.15ftlb). 16 joules (12ftlb).

Bolt action.

## WARRANTY

### Limited One-Year Warranty

This product is warranted to the retail consumer for one year from date of retail purchase against defects in material and workmanship and is transferable.

#### What is covered:

Replacement parts and labor. Transportation charges to consumer for repaired product.

#### What is NOT covered:

Transportation charges to Air Venturi for defective products. Damages caused by abuse or failure to perform normal maintenance. Any other expense. CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES OR INCIDENTAL EXPENSES INCLUDING DAMAGE TO PROPERTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSE-QUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

### Warranty claims:

<u>Warranty claims for U.S. and Canadian Customers:</u> Please return product to Air Venturi. Call Air Venturi at 216-292-2570 before returning any product.

#### Implied warranties:

ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DU-RATION TO ONE YEAR FROM DATE OF RETAIL PURCHASE. SOME STATES DO NOT AL-LOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

To the extent any provision of this warranty is prohibited by federal, state or municipal law which cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.

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# **WARNING!**

**DO NOT TRY TO DISASSEMBLE THE GUN.** Your rifle needs special tools and Air Arms parts in order to be repaired. If you disassemble it, you may not be able to properly reassemble it. Air Arms does not assume any warranty liability under such circumstances.

Notes.