



**MERKEL**

## **OPERATORS MANUAL**



**REPEATING RIFLE KR1**

*Read before going ahead!  
Erst lesen, dann handeln!  
D'abord lire -  
puis agir!*

## **Good Hunting!**

Thank you for having chosen a product from our firm.

With the KR1 Repeating rifle you now own an excellent hunting firearm.

The „KR“ designation stands for „Short repeating rifle“ and at an overall length of under 1 meter it is one of the most compact firearms.

You will quickly become familiar with it if you handle the firearm according to these instructions.

The most essential characteristics:

- Repeating rifle with a rotating bolt head resulting in short bolt movement and small opening angle for a fast and secure repeating movement.
- Three position safety lever on the tang of the stock
- Magazine removable for loading and unloading
- Shotgun type trigger with set trigger operated from the rear
- Easy caliber change (See Item 7)
- Reliable telescopic sight mount
- Easily disassembled, compact for transport

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## SAFETY NOTES

# 1

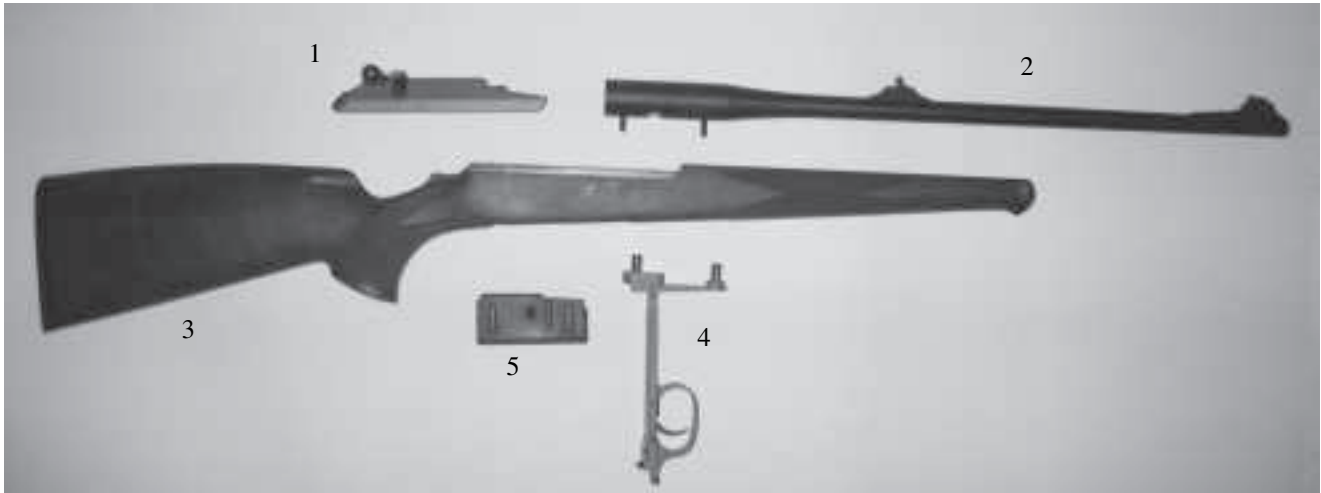
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- 1.1 Please take into account legal guidelines when handling firearms and ammunition!
- 1.2 Thoroughly get to know the handling of your firearm before you use it!
- 1.3 The firearm is on principle to be handled as if it were loaded and ready to fire!
- 1.4 Only use ammunition matching the firearm caliber and approved by C.I.P.!
- 1.5 Never aim at persons during handling or practice!
- 1.6 Before you load the firearm check the barrel for possible foreign matter!
- 1.7 Only load the firearm immediately before the hunt!
- 1.8 Never transport a loaded firearm!
- 1.9 Only place your finger on the trigger when your sights are on the target and you want to shoot!
- 1.10 Pay attention to the surroundings of your target!
- 1.11 Never leave weapons and ammunition unattended!
- 1.12 Store firearms and ammunition in separate places!
- 1.13 Store the firearm beyond reach of unauthorized persons!
- 1.14 Unload your firearm :
  - Before you access or leave the raised hide or tree stand,
  - Before you get into a vehicle,
  - Before you cross any obstacles!
- 1.15 Handling safety is ensured by the mature design and accurate manufacture of all individual components. Extraordinary conditions as e.g. bad shocks or heavy drops may adversely affect the safety. After such events the firearm is to be checked by the manufacturer or an authorised firearm workshop.
- 1.16 This operator's manual should be kept with the rifle and passed on to the new owner.

## SUBASSEMBLIES

# 2

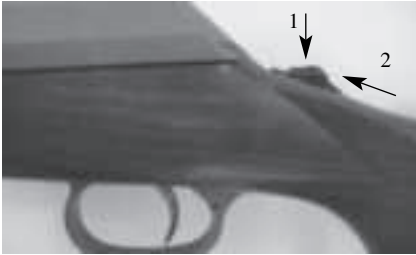
1. Bolt
2. Barrel
3. Stock with carrier
4. Trigger guard
5. Magazine



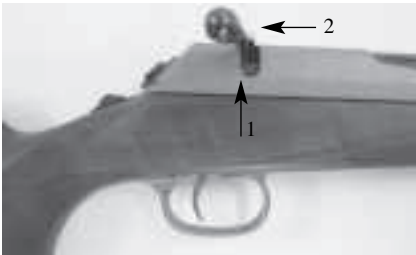
# LOADING OF THE SHORT REPEATING RIFLE

## 3

### 3.1 3 + 1 Cartridges



Depress safety plate, Take safety slide to central position. In the rear



Move bolt handle upwards then rearwards.



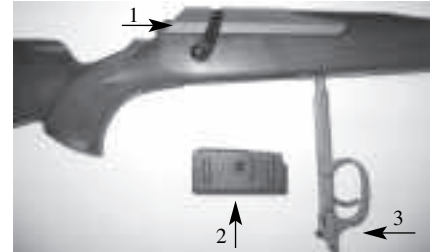
Withdraw latch. (Trigger guard opens towards the bottom.)



Remove magazine and load 3 cartridges.



Load 1 cartridge into chamber.



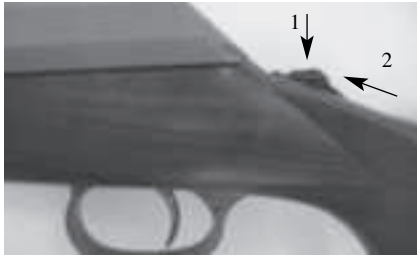
Use bolt handle to close bolt. Insert magazine. Close trigger guard.

**The firearm is ready to fire!**

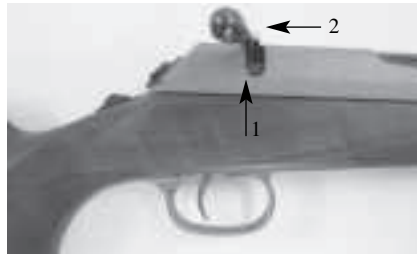
# LOADING OF THE SHORT REPEATING RIFLE

## 3

### 3.2 3 Cartridges



Depress safety plate, Take safety slide to central position.



Move bolt handle upwards then rearwards.



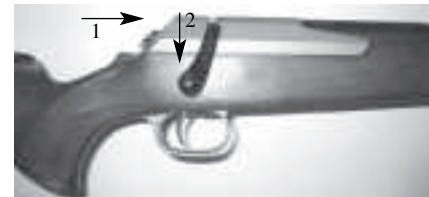
Withdraw latch. (Trigger guard opens towards the bottom).



Remove magazine and load 3 cartridges.



Insert magazine and close trigger guard.



Use bolt handle to close bolt.

**The firearm is ready to fire!**

# PUTTING ON „SAFE“ AND TAKING THE SAFETY OFF

## 4



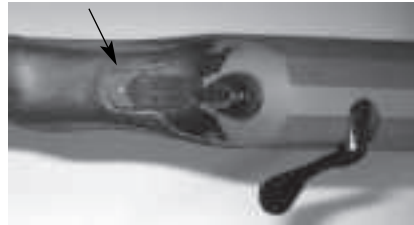
The three cartridges may also be loaded without the magazine being removed.

In the „SAFE“ position (Safety slide all the way to the rear) the bolt handle is blocked.

In order to take the safety off, push the safety slide forwards as far as it will go. The red dot signals: „Ready to fire“



Standard trigger



The trigger may now be pulled in the normal way – or the set trigger set by pushing forward on the trigger.



Set trigger set

# UNLOADING THE REPEATING RIFLE

## 5

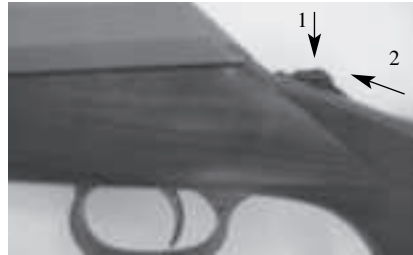


In order to undo the set trigger first move the safety slide all the way to the rear (to „SAFE“), only then undo the set trigger, taking it between your thumb and index finger !

On opening the trigger guard or the bolt, the set trigger is released automatically.

**CAUTION:** Compared to the standard trigger at approx. 1400g trigger pull, the set trigger only has approx. 800g.

**Attention:** Modifications on the trigger system may only be carried out by authorised qualified technical workshops.



Depress safety plate, Take safety slide to central position .



Use bolt handle to open bolt and remove cartridge.



Withdraw latch. Trigger guard opens towards the bottom. Remove and unload magazine.



Insert empty magazine and close trigger guard. Close bolt. Take safety off. Pull trigger. Put safety on.



# ASSEMBLING / DISASSEMBLING THE FIREARM FOR CLEANING

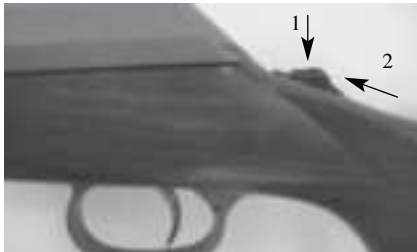
## 6

### 6.1 Disassembly of firearm

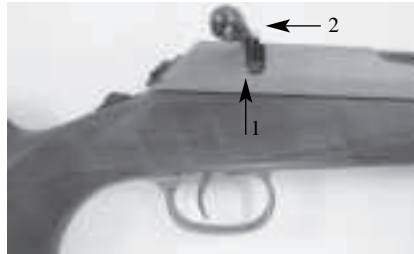
With normal use of the firearm it will be sufficient to clean the external components of the firearm and the barrel bore. Acid and resin free oils are to be used for oiling. The stock is to be treated with a special stock oil. In the event of heavy fouling or to remove moisture the firearm should be disassembled.

**In the event of a loaded firearm first unload acc. To Item 5.**

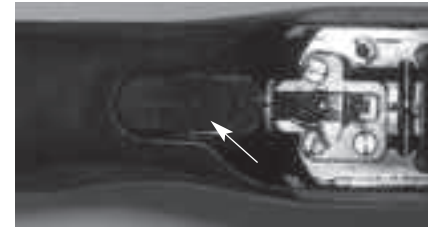
Next disassemble as follows.



Depress safety plate, Push safety slide forwards as far as it will go.



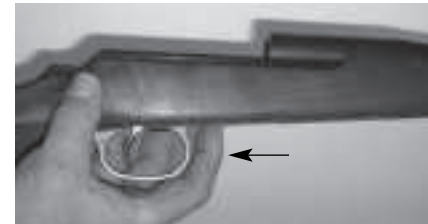
Pull bolt handle upwards, then to the rear.



Push safety slide all the way to the rear.



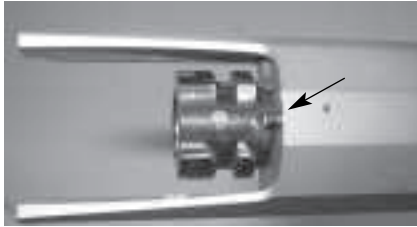
Pull trigger, then remove bolt to the rear.



Withdraw latch, (Trigger guard opens towards the bottom). Remove magazine.

# ASSEMBLING / DISASSEMBLING THE FIREARM FOR CLEANING

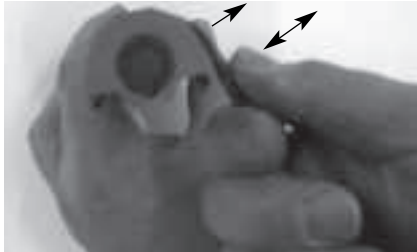
## 6



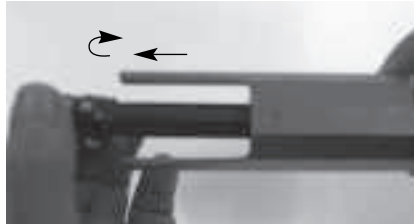
Depress locking bolt.



Remove bolt head .



Move bolt handle downwards and remove by slightly moving back and forth.



Rotate bolt head until it, too, can be removed.



Remove firing pin



### Magazine / Disassembly

Depress lug on locking late . Slide off magazine floor plate, Take care to prevent follower spring from flying out.

# ASSEMBLING / DISASSEMBLING THE FIREARM FOR CLEANING

## 6



### Magazine / Assembly

Introduce follower, follower spring and locking plate into magazine housing. Slide on magazine floor plate until lug engages.



Tip of firing pin to project from seat of base of cartridge case.



Introduce firing pin holder into bolt.

### 6.2 Assembly of Firearm



Introduce firing pin into bolt head .



Introduce bolt head into bolt head carrier.



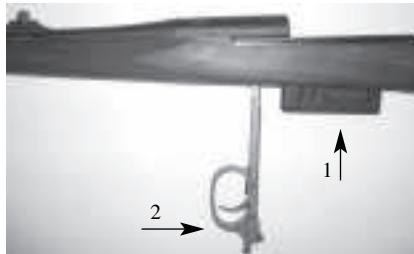
Position bolt head in such a way that the extractor points to the right (direction of fire)

# ASSEMBLING / DISASSEMBLING THE FIREARM FOR CLEANING

## 6



- and recess for bolt handle is positioned as shown.



Insert magazine and close trigger guard .



Push safety slide to the rear as far as it will go.



Powerfully depress bolt catch lever and position towards the top.



Introduce bolt assembly, pulling trigger in the process. (Safety slide forward as far as it will go) Lock bolt. Pull trigger.

# CALIBER EXCHANGE

## 7

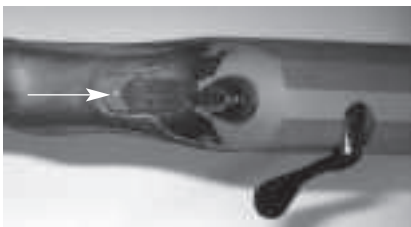
The listing shown in the following shows which components will be required for caliber exchange.

Caliber	Blt Head	Magazin
.223 Win.	S	.223
.222 Win.	S	.223
.243 Win.	ST or ST+	.308
6,5x55SE	ST or ST+	Standard
7x64	ST or ST+	Standard
7x57	ST or ST+	Standard
8x64S	ST or ST+	Standard
.30-06Spr.	ST or ST+	Standard
.308 Win.	ST or ST+	.308
8x57IS	ST or ST+	Standard
9,3x62	ST or ST+	9,3x62
7mm-08 Rem.	ST or ST+	.308
.270 Win.	ST+	Standard
7mm Rem. Mag.	M or M+	Magnum
.300 Win. Mag.	M or M+	Magnum
.338 Win. Mag.	M or M+	Magnum
.270 WSM	M+	.300 WSM
.300 WSM	M+	.300 WSM

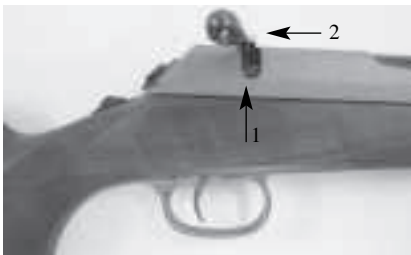
### 7.1 Barrel change

**In the event of a loaded firearm first un-load acc. To Item 5!**

Next, disassemble as follows.



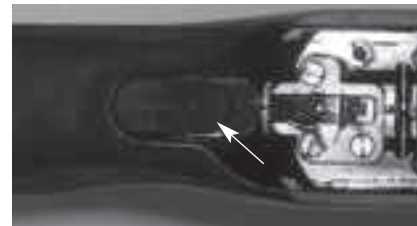
Push safety slide forwards as far as it will go.



Move bolt handle upwards and then rearwards.



Pull trigger then remove bolt to the rear.



Push safety slide to the rear as far as it will go.

# CALIBER EXCHANGE

## 7



Withdraw latch, (Trapdoor opens towards the bottom). Remove magazine.



Remove barrel. Insert barrel required. Tighten screws (2 Stck.). Close trigger guard.

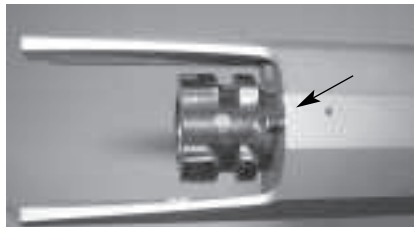


Move bolt handle downwards and remove by slightly moving back and forth.



Undo screws (2 pcs.) using 5mm Allen wrench.

### 7.2 Change of Bolt Assembly



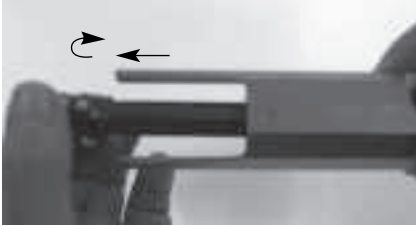
Depress locking bolt .



Remove bolt.

# CALIBER EXCHANGE

## 7



Rotate bolt head until it, too, can be removed.



Top of firing pin to project from seat for base of cartridge case.



Introduce firing pin holder into bolt.



Remove firing pin.



Introduce bolt head into bolt head carrier.



Position bolt head so that extractor points to the right – (in direction of fire)



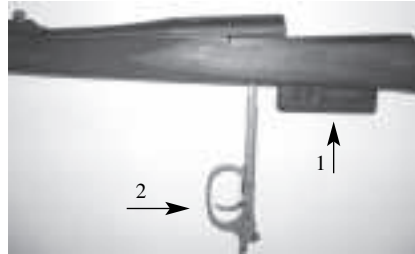
Introduce firing pin into bolt head desired.

# CALIBER EXCHANGE

## 7



- and recess for bolt handle is positioned as shown.



Insert magazine desired and close trigger guard.



Push safety slide backwards to SAFE as far as it will go .



Powerfully depress bolt catch lever and position towards the top.



Insert bolt assembly, pulling trigger in the process. (Safety slide forward as far as it will go.) Close bolt. Pull trigger.



# SIGHTS, TELESCOPIC SIGHT MOUNT

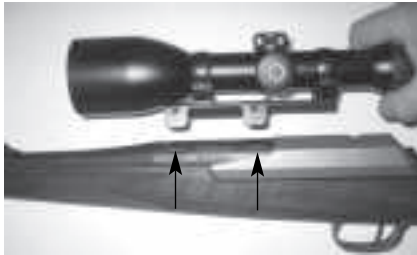
## 8

### Open sights

In its basic version, the KR 1 is equipped with an open square notch rear sight.

### Telescopic sight mount

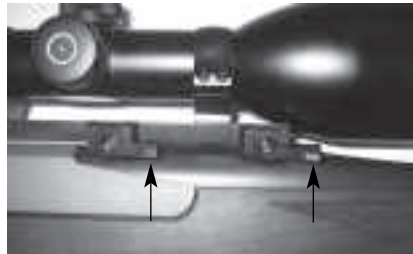
The assembly bracket for the special telescopic sight mount is located right on the barrel root.



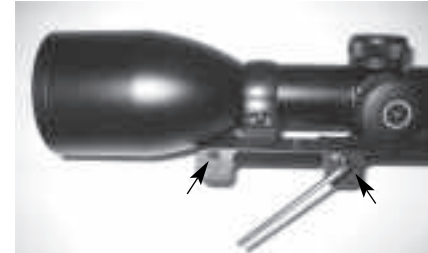
Mounting of the telescopic sight mount by engaging the two left lugs into the slots provided.



Rotating the two levers forwards the telescopic sight mount permanently locks the telescopic sight mount after engagement.



These may be loosened again by pressing the catches on the levers. The telescopic sight mount may then be removed.



In order to set the torque on the two levers the screws on the left side have to be undone. The screws behind these may be used to set the torque.

## SPECIFICATIONS

# 9

### Standard calibers

.223 Rem.; .222 Rem.; .243 Win.;  
6,5x55SE; 7x64; 7x57; 8x64S; .30-06 Spr.;  
.308 Win.; 8x57IS; 9,3x62; 7mm-08 Rem.;  
.270 Win.;

### Magnum calibers:

7mm Rem. Mag.; .300 Win. Mag.;  
.338 Win. Mag.; .270 WSM; .300 WSM;

### Magazine capacity:

3 Cartridges

### Barrel length:

565 mm (515 mm) in the standard calibers.  
615 mm (565 mm) in the Magnum calibers.

### Overall length:

from 98 cm

### Weight:

Approx. 2,9 kg

## GUARANTEE

# 10

1. Suhler Jagd- und Sportwaffen GmbH assumes a **5-year guarantee** for the metal components of the weapon towards the initial buyer. In the event of material defects or faulty machining found out during the guarantee period, they undertake to either replace the firearm or components free of charge according to customer's wish, to repair them or take the firearm back against reimbursement of the purchase price. Assumption of the guarantee is based on the condition that the buyer has returned the duly completed guarantee card to Suhler Jagd und Sportwaffen GmbH within 14 days of the purchase. The buyer is obliged to report defects found out immediately, at the latest however, within one month. This has to be carried out by presenting the defective firearm and the guarantee card to the dealer having sold the firearm to the initial buyer.
2. The Suhler Jagd- und Sportwaffen GmbH guarantees the initial purchaser the irrefragable accuracy of their firearms. The assumption of the guarantee is subject to the buyer using ammunition adapted to the firearm in an optimum way and the original Suhl telescopic sight mount for the telescopic sight.

Suhler Jagd- und Sportwaffen GmbH products are made from high grade material acc. to the latest technological findings. In order to guarantee irrefragable accuracy, however, ammunition and a telescopic sight adapted to the firearm in an optimum way will have to be used. The buyer is obliged to report faulty accuracy found out to the Suhler Jagd- und Sportwaffen GmbH in writing within one month from purchase. In the event of obviously unfounded complaints, Suhler Jagd- und Sportwaffen GmbH reserves the right to invoice charges for revision of the firearm.

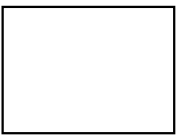
Guarantees assumed do not apply for firearm damages due to mechanical action, nor for improper handling or care by the buyer. Repairs or modifications by unauthorised persons will cancel the guarantee. The guarantee is also cancelled by the use of reloaded or non -C.I.P. approved ammunition. The guarantee does not cover optical aiming units. The firearm leaves our firm in irrefragable state. Subsequent complaints regarding the surfaces of the metal components and especially of the stock cannot be recognized even after repair works.

Address:  
Adresse:

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*Merkel  
Jagd- und Sportwaffen GmbH*  
98527 Suhl – Schützenstraße 26  
98490 Suhl – Postfach 100 261  
Germany

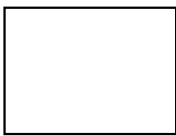


Absender:

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*Merkel  
Jagd- und Sportwaffen GmbH*  
98527 Suhl – Schützenstraße 26  
98490 Suhl – Postfach 100 261  
Germany

Merkel Jagd- und Sportwaffen GmbH

**MERKEL-**  
**GUARANTEE CARD**

Model: .....

Serial No.: .....

Caliber: .....

Merkel Jagd- und Sportwaffen GmbH assumes a guarantee for their firearm for 5 years after the date of purchase (See guarantee conditions).

With his signature on this card the owner confirms that he has familiarized himself with the handling of this firearm and recognizes the above User Manual with its safety guidelines.

Name of buyer: .....

Date of purchase: .....

Bought with Messrs.: .....

Date: .....

Signature : .....

Please return the duly completed guarantee card to our works within 14 days from purchase.



Merkel Jagd- und Sportwaffen GmbH

**WARRANTY/SERVICE CARD**

This card is an important document for the first buyer and the manufacturer of the firearm with regard to the warranty granted and after-sales service. Complete carefully and return to the manufacturer within **20 days** from day of purchase. Please specify:

**To be completed by the seller:**

Firearm no.: ..... Date of sale: .....

Model: .....

Modifications, if any, made prior to sale

Barrel: .....

Stock: .....

Stamp/Seal

Trigger mechanism: .....

Specialist Shop

**To be completed by the buyer:**

Name, first name: .....

Buyer's address: .....

Buyer's signature: .....

Many thanks, *Merkel Jagd- und Sportwaffen GmbH*

**CARTE DE GARANTIE/**  
**CARTE DE SERVICE APRES VENTE**

Cette carte est un document important pour le premier acheteur et pour le fabricant d'arme pour la garantie et pour l'attention permanent vers le client après la vente.

Nous vous prions de remplir soigneusement la carte et de l'envoyer au fabricant en **20 jours** comptant du jour de la vente.

Nous vous prions de nous faire connaître:

**à remplir par le vendeur:**

numéro d'indication: ..... date de vente: .....

modèle: .....

des modifications éventuelles faites avant la vente

au canon: .....

à la crosse: .....

timbre/cachet

au système de détente: .....

magasin spécialisé

**à remplir par l'acheteur:**

nom, prénom du vendeur: .....

adresse du vendeur: .....

signature de l'acheteur: .....

Nous vous en remercions *Merkel Jagd- und Sportwaffen GmbH*