

**Air**  
**venturi**  
*The Power of Air*

**A**  
**MICRO**  
**STRIKE**  
**V**

Owner's Manual



**PRE-CHARGED PNEUMATIC AIR PISTOL**

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# ALWAYS FOLLOW THESE SAFETY WARNINGS

**! WARNING:** NOT A TOY. THIS AIR RIFLE IS INTENDED FOR ADULT USE ONLY. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 1,000 YARDS (914 METERS).

**! WARNING:** DO NOT BRANDISH OR DISPLAY THIS AIRGUN IN PUBLIC; IT MAY CONFUSE PEOPLE AND MAY BE A CRIME. POLICE AND OTHERS MAY THINK IT IS A FIREARM. DO NOT CHANGE THE COLORATION OR MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME.

**! WARNING:** THIS IS A HIGH POWERED AIRGUN INTENDED FOR USE BY THOSE 18 YEARS OF AGE OR OLDER. READ ALL INSTRUCTIONS BEFORE USING. BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS AIRGUN.

**! WARNING:** BE SURE THE AIRGUN IS ALWAYS POINTED IN A SAFE DIRECTION. NEVER POINT THE AIRGUN AT ANYONE EVEN IF IT IS UNLOADED. ALWAYS ASSUME AND HANDLE THE AIRGUN AS IF IT WERE LOADED AND READY TO FIRE.

**! WARNING:** THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING LEAD, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. FOR MORE INFORMATION GO TO [WWW.P65WARNINGS.CA.GOV](http://WWW.P65WARNINGS.CA.GOV).

**! WARNING:** USE ONLY COMPRESSED AIR IN THIS RIFLE. DO NOT USE OTHER GASSES, INCLUDING OXYGEN, WHICH CAN CAUSE A FIRE OR EXPLOSION THAT MAY RESULT IN SERIOUS INJURIES OR DEATH.

**! WARNING:** TREAT YOUR AIR RIFLE AS IF IT IS ALWAYS LOADED AND READY TO FIRE. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. BE AWARE OF RICOCHET. NEVER SHOOT AT HARD SURFACES OR INTO WATER.

**! WARNING:** THIS AIR GUN IS DESIGNED FOR USE AT PRESSURES BETWEEN 1450 PSI - 4350 PSI (100BAR - 300 BAR). MAX PRESSURE IS 4350 PSI (300BAR). DO NOT FILL PAST THE MAX PRESSURE.

**! IMPORTANT** YOU AND OTHERS WITH YOU SHOULD ALWAYS WEAR SAFETY GLASSES TO PROTECT YOUR EYES. READ ALL INSTRUCTIONS BEFORE USING.



## RULES OF SAFE SHOOTING

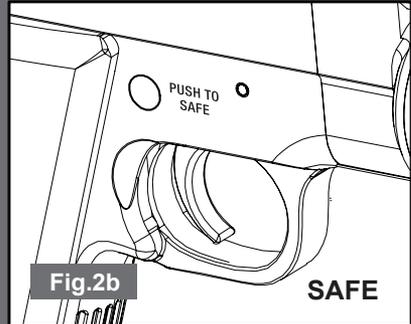
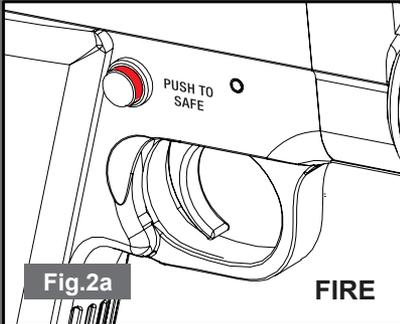
- **NEVER** point the airgun at any person.
- **NEVER** point the airgun at anything you do not intend to shoot.
- **ALWAYS** treat the airgun as if it is loaded and handle it with the same respect you would a firearm.
- **ALWAYS** aim in a **SAFE DIRECTION**. **ALWAYS** keep the muzzle pointed in a **SAFE DIRECTION**.
- **NEVER** put any part of your hand over the muzzle.
- **ALWAYS** keep the airgun **ON "SAFE"** until you are ready to shoot in a **SAFE DIRECTION**.
- Check behind and beyond your target to be certain you have a safe backstop and that no person or property can be endangered.
- Place the backstop in a location that will be safe should the backstop fail.
- Replace the backstop if it becomes worn.
- **ALWAYS** be sure of your target and what lies beyond it in case you miss.
- **NEVER** shoot at hard surfaces, water or anything else that may cause a ricochet.
- This airgun may only be used where your local laws permit or at shooting ranges allowed by the law, and only if the ammunition does not travel further than the shooting area. Keep in mind the maximum range of the ammunition. **ALWAYS** abide by laws and regulations that apply to airguns.
- **ALWAYS** check to see if the airgun is **ON "SAFE"** and unloaded when getting it from another person or from storage.
- **ALWAYS** keep your finger off the trigger and away from the trigger guard until ready to shoot.
- You and others with you should **ALWAYS** wear safety shooting glasses to protect your eyes.
- If your reading or prescription glasses are not certified safety glasses, make sure you wear shooting glasses over your regular glasses.
- The shooter and everyone in the vicinity should wear hearing protection when shooting and filling guns with high pressure air.
- **NEVER** load your gun until you're ready to shoot and it's safe to do so.
- **ALWAYS** use the correct caliber ammunition that is suitable for the airgun. Use **ONLY** ammunition designed for this airgun.
- **NEVER** reuse ammunition.
- **ALWAYS** store the airgun with the safety **ON "SAFE"**, unloaded, uncocked, separated from the ammunition, out of the reach of children, and in a secure location to prevent unauthorized people from accessing it.
- **DO NOT** attempt to disassemble or tamper with the airgun.
- **DO NOT** put the airgun away loaded.
- **ALWAYS** store this airgun in a safe location.
- **ALWAYS** store ammunition separately from the gun.
- **NEVER** leave the airgun loaded if it is out of your reach.
- **ALWAYS** unload the airgun before giving it to someone else.
- **ALWAYS** read and follow the manufacturer's manual and instructions.
- **NEVER** let a person who has not completely read this manual use this product.

## PARTS OF YOUR AIR PISTOL



## OPERATING THE SAFETY

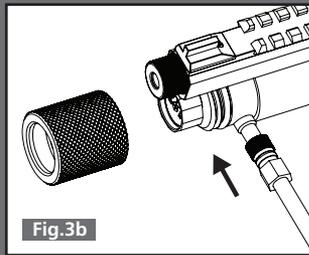
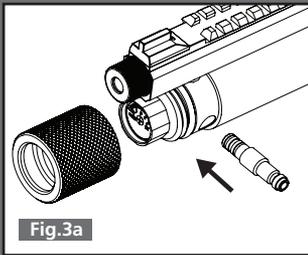
- 1) The safety is located above the trigger. It allows you to set this air pistol to “SAFE” and “FIRE” positions.
- 2) Setting (FIRE) Position: The trigger safety is pushed from the left to right so that red is showing.(Fig.2a)
- 3) Setting (SAFE) Position: The trigger safety is pushed from the right to left so that **NO** red is showing.(Fig.2b)



**! WARNING:** LIKE ALL MECHANICAL DEVICES, AN AIR PISTOL SAFETY CAN FAIL. EVEN WHEN THE SAFETY IS SET TO “SAFE” POSITION, CONTINUE HANDLING THE AIR PISTOL SAFELY. NEVER POINT THE AIR PISTOL AT ANY PERSON AND ANYTHING YOU DO NOT INTEND TO SHOOT.

## FILLING YOUR MICROSTRIKE WITH COMPRESSED AIR

- 1) Make sure the air pistol is unloaded, the Safety is on "SAFE" position and keep the muzzle pointed in a safe direction. Be sure to wear eye protection.
- 2) The protective cover can either be rotated to expose the fill port hole, or removed completely for easier access. Once you've located the fill port hole, install the fill probe (Fig. 3a).
- 3) Connect the female quick connector from your fill device to the male quick connector (Fig 3b). Make sure the collar on the female fitting is in the forward, locked position. Check this by trying to pull the fitting off the probe to make sure it is locked in.
- 4) When filling is completed, bleed the pressure in your fill device and disconnect the female quick connector from the male quick connector. Remove the fill probe from the fill port hole.
- 5) Replace the protective cap to prevent oil and dirt from entering the fill port hole.



### **⚠ DANGER**



#### **DANGER OF EXPLOSION!**

Overfilled compressed air cylinder

Do NOT exceed maximum fill pressure of your cylinder at room temperature!

**⚠ WARNING:** THE AIR SHOULD BE PRESSURIZED SLOWLY. OTHERWISE, HEAT IS GENERATED THAT AFFECTS THE ACCURACY OF THE PRESSURE. OVERPRESSURE CAN CAUSE EXPLOSIONS, SERIOUS INJURIES OR DEATH.

**⚠ WARNING:** USE ONLY COMPRESSED AIR IN THIS RIFLE. DO NOT USE OTHER GASSES, INCLUDING OXYGEN, WHICH CAN CAUSE A FIRE OR EXPLOSION THAT MAY RESULT IN SERIOUS INJURIES OR DEATH.

**⚠ WARNING:** THE MAX FILL PRESSURE OF THE AIR RESERVOIR IS 300 BAR / 4,351 PSI. DO NOT FILL PAST THE MAX FILL PRESSURE.

**⚠ WARNING:** BEFORE YOU DISCONNECT THE FEMALE QUICK CONNECTOR FROM THE RIFLE, THE FILL ASSEMBLY MUST BE DEPRESSURIZED SO THAT THERE IS NO AIR IN THE SYSTEM.

## DEPRESSURIZING THE AIR PISTOL

1. Like most PCP air pistols, the MicroStrike is best stored with some pressure in the reservoir. This keeps the seals forced against the sealing surfaces.
2. Make sure the air pistol is unloaded, and the Safety is on “SAFE” position. Keep the muzzle pointed in a safe direction. Be sure to wear eye protection.
3. Slowly turn the degassing screw counter-clockwise, using a 3mm Allen wrench. DO NOT rotate more than 2 revolutions. (Fig.4a)
4. DO NOT remove the degassing screw completely as the screw should remain with the stock.
5. After the pistol is depressurized, use a 3mm Allen wrench to tighten the degassing screw by turning clockwise.
6. Check both pressure gauges to make certain all pressure has been released from this air pistol.

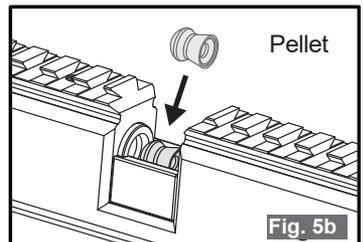
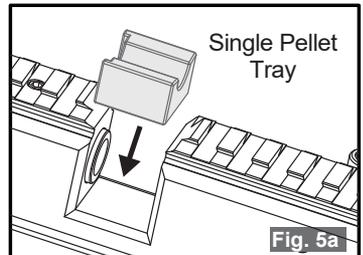


**⚠ WARNING:** PERFORMING THE ABOVE PROCEDURE MAY EXHAUST AIR FROM THE BARREL AT A HIGH RATE AND COULD DISCHARGE A PELLET THAT IS CHAMBERED. ALWAYS MAKE CERTAIN THIS AIR PISTOL IS POINTED AT A SAFE DIRECTION.

## THE USE OF SINGLE PELLET TRAY

Make sure the Safety is on “SAFE” position and keep the muzzle pointed in a safe direction.

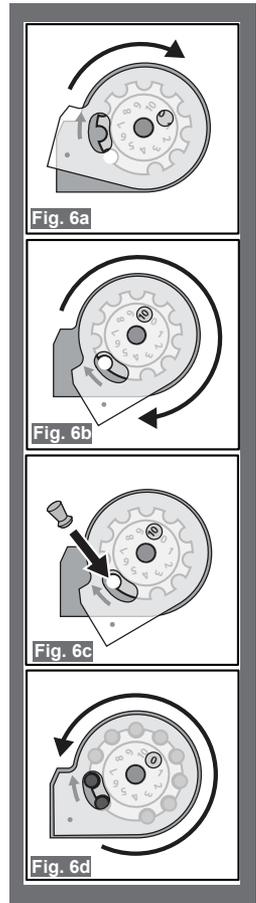
- Pull the side lever back to the cocked position.
- Insert the single pellet tray into the receiver. (Fig. 5a)
- Push and pull the side lever and make sure the receiver locking pin moves forward and backward freely.
- Lay a pellet of appropriate caliber in the pellet tray (Fig. 5b)
- Push the side lever forward as far as possible. This chambers a pellet into the barrel and the air pistol is ready to fire. Be careful not to squeeze or damage the pellet as this could affect accuracy.



**⚠ IMPORTANT:** DO NOT LOAD MORE THAN ONE PELLET INTO THE CHAMBER, IT MAY CAUSE DAMAGE AND MAY NOT FIRE.

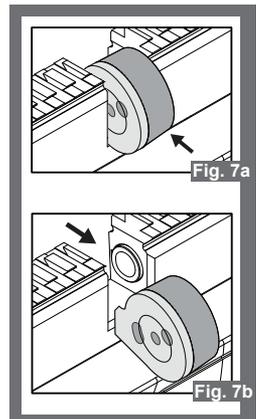
## LOADING THE ROTARY MAGAZINE

- Lift the transparent cover and turn clockwise along the direction of the arrow until it stops. (Fig. 6a, Fig. 6b)
- Place a finger under the magazine covering the hole.
- Place the first pellet in the magazine head first. Make certain the pellet does not protrude out the back of the magazine. In the event the pellet does protrude simply push the pellet inward. Be careful not to squeeze or damage the pellet as this could affect accuracy. (Fig. 6c)
- Rotate the cover counter-clockwise and place the remaining pellets into the magazine. Once full, lock the cover at the starting position and the magazine is now ready for use. (Fig. 6d)



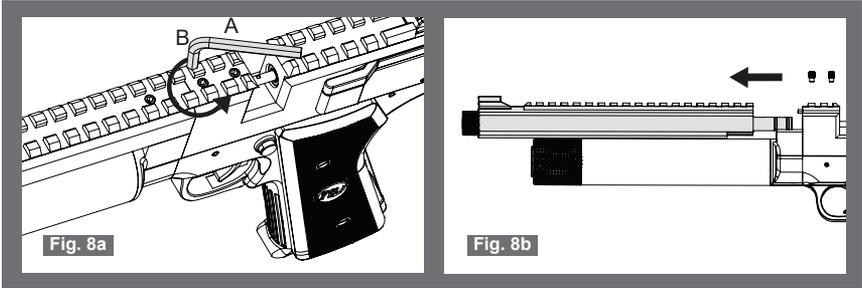
## INSERTING THE ROTARY MAGAZINE

- 1) Make sure the Safety is on "SAFE" position and keep the muzzle pointed in a safe direction.
- 2) Pull the side lever back to the cocked position.
- 3) With the transparent cover of the magazine facing to the back of the air pistol, insert the magazine from the right side and push it left until it snaps into place. (Fig. 7a)
- 4) Push the side lever forward until it stops, to chamber a pellet.
- 5) This air pistol is now ready to fire.
- 6) Only one pellet should be pushed into the chamber each time.
- 7) Do not repeat until you have fired the loaded pellet, this prevents more than one pellet feeding into the chamber.
- 8) This magazine is designed to stop automatically when empty. Pull the side lever back, and push the magazine out of the receiver from the left side. (Fig. 7b)
- 9) If you are done shooting and the magazine still has pellets in it, remove the magazine by pulling the side lever to the cocked position, and push the magazine out of the receiver from the left side.

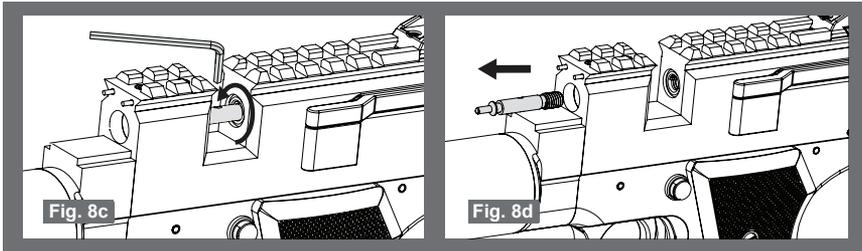


## BARREL & PELLET PROBE SWAP

- 1) Make sure the air pistol is unloaded, the safety is on "SAFE" position, and keep the muzzle pointed in a safe direction. Be sure to wear eye protection.
- 2) Use a 2.5mm hex wrench to turn screws A and B counter-clockwise (Fig. 8a)
- 3) Slide the shrouded barrel assembly forward to remove it (Fig. 8b)



- 4) Unscrew the pellet probe counter-clockwise with a 1.5 mm hex wrench.(Fig. 8c)
- 5) Remove the pellet probe.(Fig. 8d)
- 6) Change the pellet probe and the barrel, the barrel should be the same caliber as the pellet probe, repeat steps above in reverse manner.



## INSTALLATION OF REAR STOCK

- 1) Make sure the air pistol is unloaded, the safety is on “SAFE” position and keep the muzzle pointed in a safe direction. Be sure to wear eye protection.
- 2) Loosen the screws counter-clockwise with a 2.5 mm hex wrench.
- 3) Slide the stock adapter over the picatinny rail section at the back of the action.
- 4) Once in the desired position, tighten the screws by turning clockwise with a 2.5mm hex wrench.

*Please Note: When the folding stock adapter is positioned in the middle of the picatinny rail, it's possible to access the hammer spring adjustment when the adapter is folded in the open position. However, if the stock adapter is not in the middle of the rail, it will need to be moved or removed to access the adjustment.*



## OPERATING THE FOLDING STOCK

- 1) Make sure the air pistol is unloaded, the safety is on “SAFE” position and keep the muzzle pointed in a safe direction. Be sure to wear eye protection.
- 2) Pull down the pin as indicated, the rear stock can be rotated and folded (Fig 10a).



## ADJUSTING THE STOCK

Press up on the stock length adjustment lever while moving the stock in the desired direction, adjusting to your preference (Fig. 10b & 10c). Release the stock length adjustment lever and move the stock slightly to ensure it is secured in one of the fixed detent positions on the buffer tube.



## BUILT-IN ADJUSTABLE REGULATOR

- 1) Move the safety to the "S" (SAFE) position and keep the muzzle pointed in a safe direction.
- 2) Depressurize the pistol by turning the degassing screw counter-clockwise. DO NOT remove the degassing screw.
- 3) Once you have verified all pressure has been released from the pistol, tighten the degassing screw. Locate the regulator adjustment ring and rotate in the desired direction following the markings on the underside of the pistol. + will increase the regulator pressure. - will decrease the regulator pressure.
- 4) Refill the pistol and note the new regulator pressure on the regulator pressure gauge.

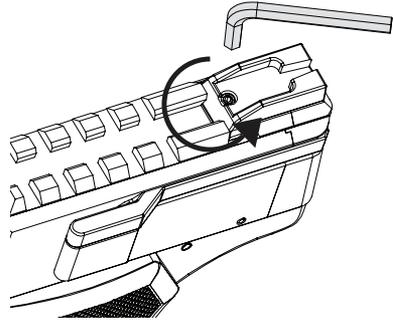


**! WARNING:** NEVER ADJUST THE REGULATOR ABOVE 3,000 PSI / 210 BAR.

**! WARNING:** DO NOT ATTEMPT TO ADJUST THE REGULATOR WHILE THERE IS PRESSURE IN THE PISTOL. THIS MAY DAMAGE YOUR AIR PISTOL AND WILL VOID YOUR WARRANTY.

## ADJUSTING THE REAR SIGHT

- 1) Make sure the air pistol is unloaded, the safety is on "SAFE" position and keep the muzzle pointed in a safe direction. Be sure to wear eye protection.
- 2) Loosen the screws counter-clockwise with a 1.5 mm hex wrench, the rear sight can be adjustable left and right.



## LOADING & SHOOTING INSTRUCTIONS

- 1) Make sure the safety is on "SAFE" position and keep the muzzle pointed in a safe direction.
- 2) Make sure the reservoir is filled with sufficient air.
- 3) Pull the side-lever action back to the cocked position.
- 4) Place the single pellet tray or rotary magazine into the receiver, and make sure it is installed correctly.
- 5) Push the side-lever action forward fully to the closed position to chamber a pellet.
- 6) Push the safety to point to "FIRE".
- 7) Aim at target, pull the trigger and shoot.
- 8) Repeat steps above in reverse manner when not in use.
- 9) When you are finished shooting, make sure there are no pellets remaining in the chamber.

## AUTOMATIC OVERPRESSURE RELIEF VALVE

- 1) This air pistol is equipped with an overpressure relief valve. It protects the other parts of the air pistol from damage.
- 2) If damaged or lost function, please send to authorized repair department for new valve replacement.

## MAINTENANCE

- 1) Apply silicone lubricant to the breech o-ring on the bolt probe every 3 months or every 500 shots.
- 2) Apply a thin layer of Moly paste to the bolt probe every 3 months.
- 3) Always store with pressure (at least 1,000 PSI/69 BAR) in place that is free from moisture. Keep out of high humidity.

**⚠ WARNING:** DO NOT INTRODUCE PETROLEUM-BASED LUBRICANTS INTO THE HIGH-PRESSURED RESERVOIR, IT MAY CAUSE AN EXPLOSION. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS INJURIES OR DEATH.

**⚠ WARNING:** DO NOT ATTEMPT TO DISASSEMBLE OR REPAIR THIS AIR PISTOL WHILE IT IS FILLED WITH AIR PRESSURE. PARTS CAN FLY FROM THIS AIR PISTOL AT DANGEROUS SPEEDS AND MAY CAUSE SERIOUS INJURIES OR DEATH.

## TROUBLESHOOTING

PROBLEM	PROBABLE CAUSE	SOLUTION
Poor Accuracy	Pellets	Try different pellets
	Magazine	Check magazine for malfunction, replace if needed
	Bolt Probe O-rings	Check the condition of your bolt probe o-rings, and replace if needed
Pistol Won't Fire	Regulator Pressure Too Low	Follow the regulator adjustment procedure to increase output pressure
	Empty of Air	Charge the air pistol
	Jammed Pellets	Remove jammed/stuck pellets

## WARRANTY

Your Air Venturi MicroStrike pistol is manufactured to the highest standards, using quality materials to give a lifetime of service. In the unlikely event there are any defects in materials or workmanship in the first 24 months after retail purchase, we will repair or replace your airgun under warranty. Keep your original purchase receipt to obtain warranty repairs.

What is covered: Replacement parts and labor. Transportation charges to consumer for return of repaired product.

- The warranty will be invalid if:
- The airgun has been disassembled and incorrectly reassembled.
- The airgun is found to have lubrication not recommended by Air Venturi.
- The airgun has been fitted with non-Air Venturi parts.
- The airgun has been misused or abused.
- The original purchase receipt cannot be presented.

The warranty does NOT cover:

- O-rings, screws, seals, springs or stocks.
- Any damages or faults caused by owner misuse or action.
- Shipment damage of the airgun to or from Air Venturi.
- Transportation charges to Air Venturi for defective products.
- Damages caused by abuse or failure to perform normal maintenance.
- Parts subject to normal wear and tear.
- Consequential damages, incidental damages or incidental expenses including damage to property.
- Any other expense.

Note: Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty is in addition to your statutory rights. To register your warranty, the card below must be completed and returned to Air Venturi within 30 days of purchase. Retain your sales receipt as proof of purchase.

Warranty claims for U.S. and Canadian Customers: Call Air Venturi at 216-220-1180 before returning any product.

Implied warranties: Any implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to one year from date of retail purchase.

Note: Some states do not allow 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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