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TIPPMANN®

TPX™ MARKER

- Owner's Manual
- Le Manuel du Propriétaire
- Manual del Usuario

TPX™

MARKER



ENGLISH



WARNING

THIS IS NOT A TOY. MISUSE MAY CAUSE SERIOUS INJURY OR DEATH. EYE, FACE AND EAR PROTECTION DESIGNED FOR PAINTBALL MUST BE WORN BY THE USER AND ANY PERSON WITHIN RANGE. WE RECOMMEND AT LEAST 18 YEARS OLD TO PURCHASE. PERSONS UNDER 18 MUST HAVE ADULT SUPERVISION WHEN USING THIS PRODUCT. READ THE OWNER'S MANUAL BEFORE USING THIS PRODUCT.

FRANÇAIS



AVERTISSEMENT

CE N'EST PAS UN JOUET. L'USAGE IMPROPRE PEUT CAUSER LA BLESSURE SÉRIEUSE OU LA MORT. LA PROTECTION POUR LES YEUX, LE VISAGE ET LES OREILLES CONSTRUITE POUR LA BALLE DE PEINT DOIT ÊTRE PORTÉE PAR L'UTILISATEUR ET N'IMPORTE QUELLE PERSONNE DANS LE CHAMP DE TIR. NOUS RECOMMANDONS QU' ON A DIX – HUIT ANS AU MOINS POUR L'ACHETER. LES PERSONNES SOUS L'ÂGE DE DIX – HUIT ANS DOIVENT AVOIR LA SUPERVISION D' UN ADULTE QUAND ON EMPLOIE CE PRODUIT. IL FAUT LIRE TOUT DE CE MANUEL AVANT DE L'UTILISER.

ESPAÑOL



ADVERTENCIA

ESTO NO ES UN JUGUETE. UN USO INAPROPIADO PUEDE CAUSAR SERIAS HERIDAS O LA MUERTE. OJOS, CARA Y OIDOS DEBEN SER PROTEGIDOS TODO EL TIEMPO, CON LA PROTECCIÓN DISEÑADA PARA PAINTBALL TANTO PARA JUGADORES COMO PARA CUALQUIER PERSONA QUE ESTE EN EL RADIO DE ALCANCE. RECOMENDAMOS AL MENOS 18 AÑOS PARA LA COMPRA Y USO. LAS PERSONAS MENORES DE 18 AÑOS DEBEN USAR ESTE PRODUCTO BAJO LA SUPERVISIÓN DE UN ADULTO. ANTES DE USAR ESTE PRODUCTO LEA EL MANUAL DEL USUARIO.



WARNING

SAFETY IS YOUR RESPONSIBILITY

READ, FAMILIARIZE YOURSELF AND ANY OTHER USER OF THIS MARKER WITH THE SAFETY INSTRUCTIONS IN THIS MANUAL. FOLLOW THESE INSTRUCTIONS WHEN USING, WORKING ON, TRANSPORTING OR STORING THIS MARKER.



ALWAYS KEEP TRIGGER SAFETY IN SAFE MODE UNLESS FIRING AS DETAILED IN INSTRUCTIONS ON PAGE 4.

BARREL BLOCKING DEVICE



ALWAYS KEEP THE BARREL BLOCKING DEVICE INSTALLED WHEN NOT IN SHOOTING SITUATION, SEE INSTRUCTIONS ON PAGE 2.

ENGLISH



AVERTISSEMENT

SÉCURITÉ EST VOTRE RESPONSABILITÉ IL FAUT LIRE, VOUS FAMILIARISER ET TOUTS LES AUTRES UTILISATEURS DE CE MARQUEUR AVEC LES INSTRUCTIONS DE SECURITÉ DANS CE MANUEL. SUIVEZ CES INSTRUCTIONS QUAND VOUS UTILISEZ, TRAVAILLEZ SUR, TRANSPORTEZ, OU ENTREPOSEZ CE MARQUEUR.



IL FAUT TOUJOURS GARDER LA DÉTENTE DANS UNE MODE DE SECURITE SAUF QUAND ON TIRE COMME DÉTAILLÉE DANS LES INSTRUCTIONS À LA PAGE 3.

L'APPAREIL DU CANON BLOQUANT



IL FAUT TOUJOURS GARDER L'APPAREIL DU CANON BLOQUANT INSTALLEE QUAND ON NE TIRE PAS COMME LES INSTRUCTIONS À LA PAGE 1.

FRANÇAIS



ADVERTENCIA

LA SEGURIDAD ES SU RESPONSABILIDAD

EL PROPIETARIO Y TODA PERSONA QUE VA A USAR ESTE MARCADOR DEBE LEER Y FAMILIARIZARSE CON LAS INSTRUCCIONES DE SEGURIDAD EN ESTE MANUAL. SIGA LAS INSTRUCCIONES DE USO, MANTENIMIENTO, TRANSPORTE Y ALMACENAJE DE ESTE MARCADOR.



MANTENGA SIEMPRE EL SEGURO DEL GATILLO ACTIVADO A MENOS QUE SEA NECESARIO HACER DISPAROS. COMO SE VE EN LAS INSTRUCCIONES DE LA PÁGINA 3.

MECANISMO DE BLOQUEO DEL BARRIL



MANTENGA EL MECANISMO DE BLOQUEO DEL BARRIL INSTALADO CUANDO NO ESTE HACIENDO DISPAROS COMO SE ILUSTRÁ EN LA PÁGINA 1.

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WARNING

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WARNING

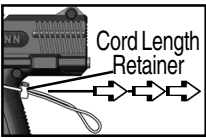
KEEP THE BARREL BLOCKING DEVICE INSTALLED EXCEPT WHEN YOUR MARKER IS IN USE. ALWAYS MAKE SURE THAT THE TRIGGER SAFETY IS IN THE SAFE MODE (SEE INSTRUCTIONS ON PAGE 4) AND THE BARREL BLOCKING DEVICE IS PROPERLY INSTALLED ON YOUR MARKER ACCORDING TO THE INSTRUCTIONS TO PREVENT DAMAGE TO PROPERTY, SERIOUS INJURY OR DEATH.

BARREL BLOCKING DEVICE INSTALLATION INSTRUCTIONS

1) Insert the barrel blocking device ↔ into the barrel and loop the cord over the top of the receiver and position at the back of the grip as shown.



2) Adjust the cord length retainer up to the back of the grip by pulling the cord through it until the retainer is snug against the back of the grip. Keeping the cord as tight as possible, leave just enough cord elasticity to pull the cord/retainer up over the top of the marker to remove the barrel blocking device for firing.



3) After the cord length is properly adjusted, lock the cord length by tying a knot in the cord against the back of the retainer as shown.



4) Before and after playing, inspect the barrel blocking device and replace if bag, plug, or cord damage, or loss of cord elasticity is found.

5) Clean the barrel blocking device with plain, warm water and store out of sunlight in a dry area when not in use.

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2955 Adams Center Road, Fort Wayne, IN 46803 USA
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CONGRATULATIONS on your purchase of a Tippmann® TPX™ paintball marker. We believe our TPX™ markers to be the most accurate and durable paintball markers available, and are proudly manufactured in the USA. Tippmann® TPX™ markers will provide many years of dependable service if cared for properly.

Take time to read this manual thoroughly and become familiar with your TPX™ marker's parts, operation, and safety precautions before you attempt to load or fire this marker. If you have a missing or broken part or need assistance, please contact Tippmann Consumer Relations at 1-800-533-4831 for fast, friendly service.

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Warning/Liability Statement

This marker is classified as a dangerous weapon and is surrendered by Tippmann Sports, LLC with the understanding that the purchaser assumes all liability resulting from unsafe handling or any action that constitutes a violation of any applicable laws or regulations. Tippmann Sports, LLC shall not be liable for personal injury, loss of property or life resulting from the use of this weapon under any circumstances, including intentional, reckless, negligent or accidental discharges.

All information contained in this manual is subject to change without notice. Tippmann Sports, LLC reserves the right to make changes and improvements to products without incurring any obligation to incorporate such improvements into products previously sold.

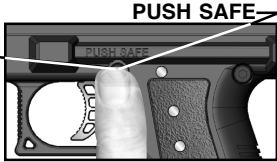
If you as a user do not accept liability, Tippmann Sports, LLC requests you do not use a Tippmann Sports, LLC marker. By using this paintball marker you release Tippmann Sports, LLC of any and all liability associated with its use.

SAFETY IS YOUR RESPONSIBILITY!

WARNING

TRIGGER SAFETY ACTIVATION

- **EXCEPT WHEN YOUR MARKER IS IN USE, ALWAYS MAKE SURE THAT THE TRIGGER SAFETY IS IN SAFE MODE, WHICH DISABLES THE TRIGGER, AND THE BARREL BLOCKING DEVICE IS INSTALLED (SEE PAGE 2).**
- **TO TURN ON THE SAFETY (SAFE MODE): PUSH THE SAFETY IN AS SHOWN ABOVE.**
- **TO TURN SAFETY OFF (FIRE MODE): PUSH SAME BUTTON ON OPPOSITE SIDE OF RECEIVER.**



FAMILIARIZE YOURSELF WITH SAFETY...

The ownership of this weapon places upon you the total responsibility for its safe and lawful use. You must observe the same safety precautions as you would any firearm to assure the safety of not only yourself but everyone around you. The user should at all times use caution when using this marker. The sport of Paintball will be viewed and judged upon your safe and sportsmanlike conduct. Always remember that the game of Paintball can only survive and grow if it remains SAFE!

- Do not load or fire this marker until you have completely read this manual and are familiar with its safety features, mechanical operation and handling characteristics.

Safety Is Your Responsibility (continued from page 4)

- Handle this and any marker as if it were loaded at all times.
- Keep your finger off the trigger until ready to shoot.
- Do not look down the barrel of a paintball marker. Accidental discharge into the eyes may cause permanent injury or death.
- Keep the marker in safe mode until ready to shoot (see page 4).
- Keep the barrel blocking device installed on marker when not shooting.
- Never point the marker at anything you do not intend to shoot.
- Never fire your marker at anything you do not intend to shoot because there may be balls or foreign debris lodged in the chamber, barrel and / or the marker valve.
- Do not shoot at fragile objects such as windows.
- Never fire your marker at personal property of others. The paintball impact can cause damage and the paint can stain the finish of automobiles, houses etc.
- Always keep the muzzle pointed down or in a safe direction, even if you stumble or fall.
- Eye, face and ear protection designed specifically to stop paintballs in the form of goggles and full face mask meeting ASTM Specification F 1776 must be worn by the user and any person within range.
- Never shoot at a person who is not protected by eye, face and ear protection designed for paintball.
- Pressurize and load the marker only when the marker will be immediately used.
- NOTE: Before storing or disassembling be sure to remove paintballs and air supply (see unloading and air supply removal instructions on page 10). Install the barrel blocking device (see page 2) and put the safety in the safe mode (see page 4).
- Store the marker unloaded and degassed in a secure place.
- Do not field strip or otherwise disassemble this marker while it is pressurized with air supply.
- Dress appropriately when playing the game of paintball. Avoid exposing any skin when playing the game of paintball. Even a light layer will absorb some of the impact and protect you from the paintballs.
- Keep exposed skin away from escaping gas when installing or removing air supply cartridge/cylinder or if the marker or air supply is leaking. Compressed air, CO₂, and nitrogen gasses are very cold and can cause frostbite under certain conditions.
- Use only .68 caliber paintballs, never load or fire any foreign objects.
- Avoid alcoholic beverages before and during the use of this marker. Handling markers while under the influence of drugs or alcohol is a criminal disregard for public safety.
- Avoid shooting an opponent at point blank, 6 feet or less.
- Familiarize yourself with instructions listed on air supply cartridge, cylinder or adaptor. Contact the air supply cartridge, cylinder or adaptor manufacturer with any questions.
- Always measure your marker's velocity before playing paintball and never shoot at velocities in excess of 300 feet per second (see instructions on page 7).

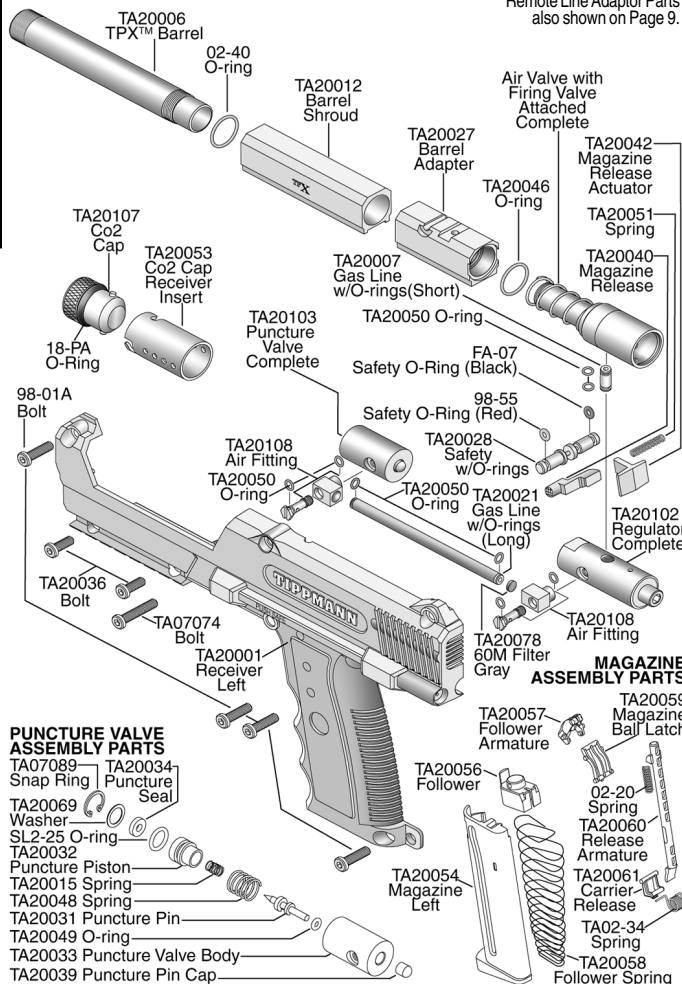
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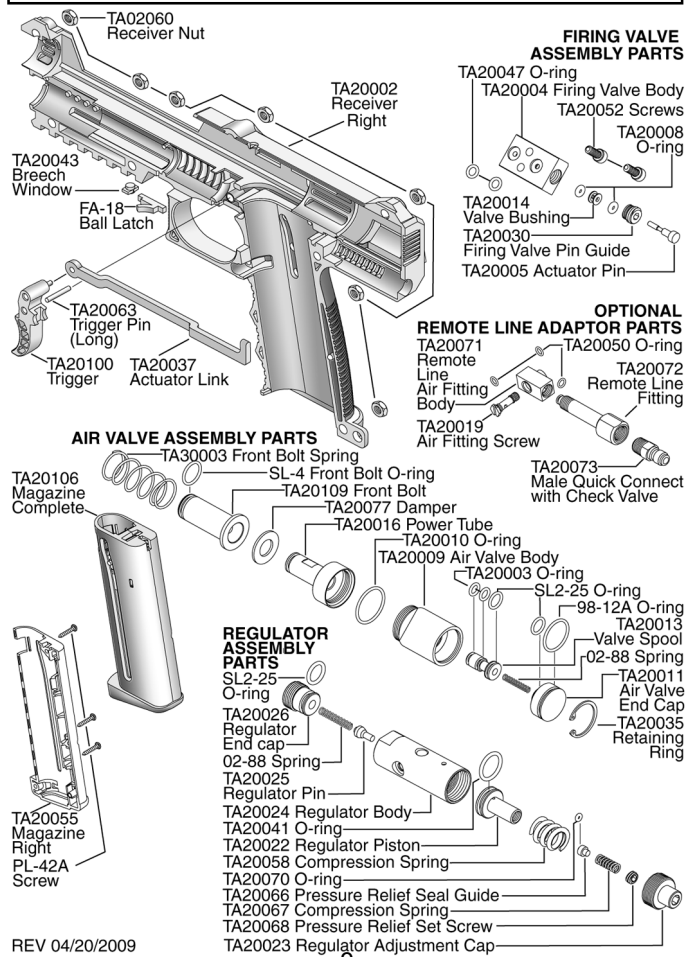
TIPPMANN®

TPX™ Basic Parts List

Optional (Non-Basic)
Remote Line Adaptor Parts
also shown on Page 9.



WARNING
DO NOT DISASSEMBLE THIS MARKER WHILE IT IS PRESSURIZED WITH AIR. DO NOT PRESSURIZE A PARTIALLY ASSEMBLED MARKER.



ENGLISH

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Unloading Your Marker and Air Supply Cartridge Removal

Do not store or disassemble a marker with the air supply cartridge (punctured or unpunctured) installed. If your marker has the optional remote line adaptor kit installed, do not remove the air supply cartridge until you first follow the air supply cylinder removal instructions in the Optional Remote Line Adaptor instructions (see page 18).

READ EACH STEP COMPLETELY BEFORE PERFORMING THE STEP:

Eye protection designed for paintball use must be worn by the user and any person within range.



WARNING

KEEP EXPOSED SKIN AWAY FROM ESCAPING GAS (⇨) WHEN INSTALLING OR REMOVING AIR SUPPLY CARTRIDGE OR IF THE MARKER OR AIR SUPPLY IS LEAKING. COMPRESSED AIR, CO₂, AND NITROGEN GASSES ARE VERY COLD AND CAN CAUSE FROSTBITE UNDER CERTAIN CONDITIONS.



To unload a marker with an UN-PUNCTURED air cartridge (non-used):

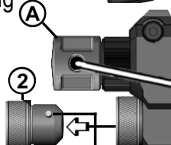
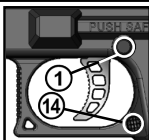
1) Put the safety (1) in the SAFE mode (see page 4) and install the barrel blocking device (A) (see page 2).

2) Remove the magazine (17). Press the magazine release button (14) and the magazine will eject out. NOTE: when removing a loaded magazine from the marker, 2 loose balls will drop from the grip. Push the magazine tab (16) down until it locks to take pressure off the balls and reload the balls into the magazine.

3) Remove the CO₂ compartment cap (2) in two steps and keep marker pointed in a safe direction during CO₂ compartment cap removal.

Step 1. Push in and turn the CO₂ cap counter-clockwise until it stops and pull until it stops to partially unscrew the cap. NOTE: The cap should be easy to turn - If you are unable to turn it or if it is difficult to turn, the cartridge has been punctured and you must follow the instructions To Unload a marker with a PUNCTURED air supply cartridge (see page 11).

Step 2. Turn the CO₂ cap a second turn counter-clockwise until it stops and pull it out, the cartridge will slide out.



UN-PUNCTURED air Cartridge Removal (continued from page 10)

4) Replace the CO₂ compartment cap (2): Align the cap pins with the pin guides of the cartridge compartment and Push the cap in and turn clockwise. Push the cap in a second time and turn clockwise.

Put the marker in safe mode (see page 4) and install the barrel blocking device (see page 2).

To unload a marker with a PUNCTURED air cartridge (used):

NOTE: a punctured / used air supply cartridge must be emptied of all air before removal.

1) Put the safety (1) in the SAFE mode (see page 4) and install the barrel blocking device (see page 2).

2) Remove the magazine (17). Press the magazine release button (14) and the magazine will eject out. NOTE: when removing a loaded magazine from the marker, two loose balls will drop from the grip. Push the magazine tab down until it locks to take pressure off the balls and reload the balls into the magazine.

3) Go to a designated firing area and remove the barrel blocking device.

4) Point the marker in a safe direction, turn off the safety and fire until there is no air left in the cartridge. NOTE: If you have a punctured cartridge in your marker and the marker will not fire: follow the instructions on page 16 - To Release Pressure From a Marker that Will Not Fire.

5) Put the safety (1) in the SAFE mode (see page 4) and install the barrel blocking device (see page 2).

6) Visually inspect the chamber for paintballs through the opening at the bottom of the grip for the magazine.

7) Remove the CO₂ cap (2) in two steps and keep marker pointed in a safe direction during CO₂ compartment cap removal.





Step 1. Keep exposed skin away from escaping gas - the arrows in the WARNING illustration on page 10 show gas escape points. Push in and turn the CO₂ cap slowly counter-clockwise until it stops and pull until it stops to partially unscrew the cap, then wait as any remaining air in the cartridge escapes before performing step 2 (keep exposed skin away from escaping air).

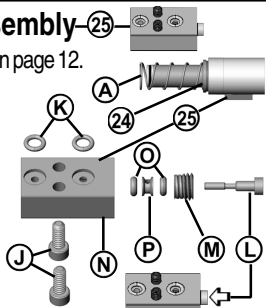
Step 2. Turn the CO₂ cap a second turn counter-clockwise until it stops and pull it out, the cartridge will slide out.

8) Replace the CO₂ compartment cap (2): Align the cap pins with the pin guides of the cartridge compartment and Push the cap in and turn clockwise. Push the cap in a second time and turn clockwise.

Put the marker in safe mode (see page 4) and install the barrel blocking device (see page 2).


Firing Valve Disassembly / Assembly—25

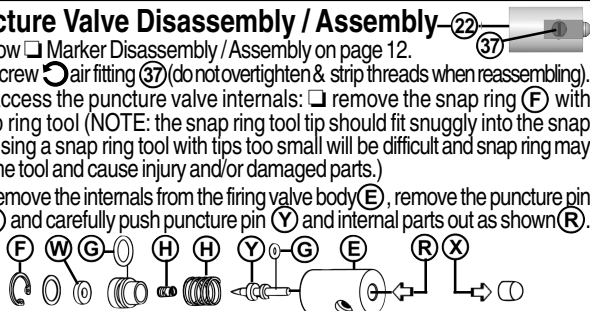
- 1) Follow Marker Disassembly / Assembly - on page 12.
- 2) Remove the firing valve (25) from the air valve (24). remove the 2 bolts (J) turn to the left  with a 3/32" allen wrench .
- 3) The 2 o-rings (K) are not attached.
NOTE: Be sure the 2 o-rings (K) are in place when reassembling the firing valve (25) to the air valve (24) with bolts (J).
- 4) Pull pin (L) out. NOTE: When reassembling be sure pin (L) is pushed in flush to the firing valve body as shown.
- 5) Remove screw (M) turn to left  with a 3/32" wrench .
- 6) Tap the firing valve body (N) and 2 o-rings (O) and the valve bushing (P) should fall out (if you need to pull the parts out - use a plastic tool so you do not damage the parts).
- 7) Clean and inspect parts. Replace any damaged parts. Use Tippmann® grease to lightly lubricate the spring (A), o-rings (K) and (O) to maintain your marker in good working condition.
- 8) To reassemble and attach the firing valve (25) to the air valve (24), follow these instructions in reverse.







NOTE: Carefully hand start all threaded parts and do not overtighten and strip threaded parts when reassembling.

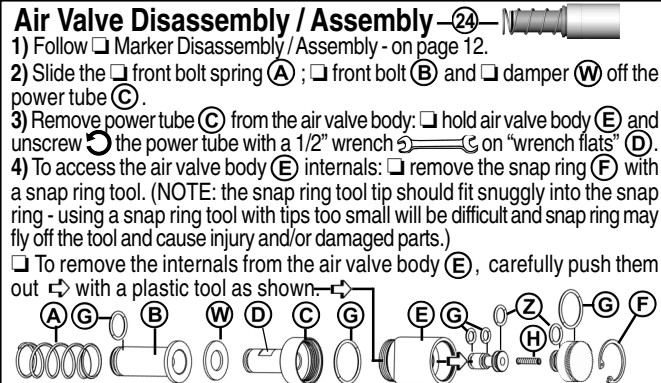
Puncture Valve Disassembly / Assembly—22

- 1) Follow Marker Disassembly / Assembly on page 12.
- 2) Unscrew  air fitting (37) (do not overtighten & strip threads when reassembling).
To access the puncture valve internals: remove the snap ring (F) with a snap ring tool (NOTE: the snap ring tool tip should fit snugly into the snap ring - using a snap ring tool with tips too small will be difficult and snap ring may fly off the tool and cause injury and/or damaged parts.)
 To remove the internals from the firing valve body (E), remove the puncture pin cap (X) and carefully push puncture pin (Y) and internal parts out as shown (R).
- 3) Clean and inspect parts. Replace any damaged parts. (NOTE: O-rings are shown removed: It is not necessary to remove o-rings as shown to inspect, clean and lubricate.) Use Tippmann® grease to lightly lubricate the o-rings (G) and springs (H) to maintain your marker in good working condition.
- 4) To reassemble, follow these instructions in reverse.



Air Valve Disassembly / Assembly—24






- 1) Follow Marker Disassembly / Assembly - on page 12.
- 2) Slide the front bolt spring (A); front bolt (B) and damper (W) off the power tube (C).
- 3) Remove power tube (C) from the air valve body: hold air valve body (E) and unscrew  the power tube with a 1/2" wrench  on "wrench flats" (D).
- 4) To access the air valve body (E) internals: remove the snap ring (F) with a snap ring tool. (NOTE: the snap ring tool tip should fit snugly into the snap ring - using a snap ring tool with tips too small will be difficult and snap ring may fly off the tool and cause injury and/or damaged parts.)
 To remove the internals from the air valve body (E), carefully push them out  with a plastic tool as shown .
- 5) Clean and inspect parts. Replace any damaged parts. (NOTE: O-rings are shown removed: It is not necessary to remove o-rings as shown to inspect, clean and lubricate.) Use Tippmann® grease to lightly lubricate the o-rings (G) (Z) and springs (A) / (H) to maintain your marker in good working condition.
- 6) To reassemble, follow these instructions in reverse.

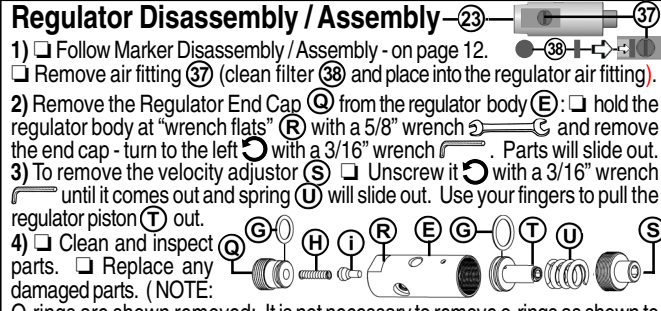


NOTE: The Firing Valve Assembly (25) attaches to the Air Valve (24) (see page 14 Firing Valve Disassembly / Assembly).

NOTE: Carefully hand start all threaded parts and do not overtighten and strip threaded parts when reassembling.

Regulator Disassembly / Assembly—23

- 1) Follow Marker Disassembly / Assembly - on page 12.
- 2) Remove the Regulator End Cap (Q) from the regulator body (E): hold the regulator body at "wrench flats" (R) with a 5/8" wrench  and remove the end cap - turn to the left  with a 3/16" wrench . Parts will slide out.
- 3) To remove the velocity adjuster (S) Unscrew it  with a 3/16" wrench  until it comes out and spring (U) will slide out. Use your fingers to pull the regulator piston (T) out.
- 4) Clean and inspect parts. Replace any damaged parts. (NOTE: O-rings are shown removed: It is not necessary to remove o-rings as shown to inspect, clean and lubricate.) Use Tippmann® grease to lightly lubricate o-rings (G) and springs (H) (U) to maintain your marker in good working condition.
- 5) Reassemble the regulator follow these instructions in reverse.
- 6) Upon marker reassembly-you will need to adjust the Regulator Pressure Relief Valve (see Regulator Pressure Relief Valve Adjustment on page 16).



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WARNING

KEEP EXPOSED SKIN AWAY FROM ESCAPING GAS WHEN INSTALLING OR REMOVING AIR SUPPLY CARTRIDGE OR IF THE MARKER OR AIR SUPPLY IS LEAKING. COMPRESSED AIR, CO₂, AND NITROGEN GASSES ARE VERY COLD AND CAN CAUSE FROSTBITE UNDER CERTAIN CONDITIONS.

To Release Pressure From a Marker that Will Not Fire:

Only use this procedure if marker will not fire and the CO₂ cartridge has been punctured. □ Put the safety in the Safe Mode (see page 4), remove the magazine as outlined in Unloading Your Marker and Air Supply Cartridge Removal (see page 10) and install the Barrel blocking Device (see page 2).

- Keep marker pointed in a safe direction during CO₂ cap removal.
- Keep exposed skin away from escaping gas as it rushes out at the air release points (⇔).
- Insert a 3/16" wrench  into the CO₂ cap , push in and slowly turn the CO₂ cap to the left  and the air will release from the cartridge and rush out at the air release points (⇔). Keep exposed skin away from escaping air.
- With pressure released - complete cartridge removal as outlined on page 10.








Regulator Pressure Relief Valve Adjustment:

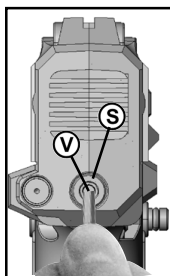
The regulator pressure relief valve is factory set to 350 psi. Do not reset it higher than 350 psi which could cause damage to marker parts or cause personal injury. If you disassemble the Regulator (see page 15) - you will need to reset the regulator pressure relief valve before using your marker.

□ Put the safety in the Safe Mode (see page 4), remove the magazine as outlined in Unloading Your Marker and Air Supply Cartridge Removal (see page 10) and install the Barrel blocking Device (see page 2).

1) □ Adjust the velocity as outlined in Velocity Adjustment on page 7 until your marker chronographs out at 300 fps.

2) □ Insert a 1/8" wrench  through the velocity adjuster set screw  and into the regulator relief set screw  and turn it slowly to the left  **only until air begins to escape** through the relief valve. Then turn the screw slowly back to the right  **only until air stops escaping** to set the relief pressure. **NOTE: do not turn any further to the right which would reset it higher than 350 psi which could cause damage to marker parts or cause personal injury).**

3) □ Follow the Velocity Adjustment Instructions on page 7 to adjust the velocity down until the marker chronographs to 300 fps or less.




TROUBLESHOOTING:

1) PROBLEM: You have successfully loaded and punctured a new cartridge, put the safety in the FIRE position and your marker will not fire:

- Put the safety in the Safe Mode (see page 4), remove the magazine as outlined in Unloading Your Marker and Air Supply Cartridge Removal (see page 10) and install the Barrel blocking Device (see page 2). Follow: To Release Pressure From a Marker that Will Not Fire instructions on page 16.

2) PROBLEM: Air is leaking out of the gas vent hole ①:

- The most common air leak is caused by a dirty or damaged puncture seal. Check the Puncture Seal  for dirt or damage: (see Puncture Valve Disassembly on page 14).



3) PROBLEM: Magazine will not feed correctly:

- Make sure there are not more than 8 balls loaded into the magazine and they are aligned in the magazine as shown on page 7.

□ Clean the magazine inside and out with clean warm water and use a damp towel to wipe off paint, grease and debris. Dry springs immediately to help prevent rusting.

4) PROBLEM: You pull the trigger and the marker does not pressurize:

- Puncture valve assembly needs to be lubricated (see Puncture Valve Disassembly on page 14).


5) PROBLEM: Air is leaking from the air supply cylinder connection to the remote coil tank adapter.

- The most common leak occurs from a bad air supply valve o-ring (see Repairing Air Supply Cylinder Leaks on page 21).

PROBLEMS AFTER DISASSEMBLY / ASSEMBLY OF YOUR MARKER:

Failure to reassemble parts correctly can cause damage to parts, air leaks, and other problems. Always double check to be sure parts are to be sure parts are clean, not damaged, lubricated and installed correctly when you disassemble / reassemble your marker,



6) PROBLEM: You pull the trigger and the marker does not pressurize:

- Check that the puncture pin cap  is installed (see Puncture Valve Disassembly on page 14).


7) PROBLEM: You install a cartridge and you hear air leaking:

- Check to be sure the o-rings of the long gas line and the short gas line are not damaged (see Marker Disassembly on page 12).

8) PROBLEM: The regulator vents air continuously ②:

- Check the regulator pin  for dirt, damage or if it is not inserted into the regulator piston  properly. Clean, inspect and replace if damaged. **NOTE:** When assembling - be sure the regulator pin seats into the regulator piston. (see Regulator Disassembly on page 15)

9) PROBLEM: You pull the trigger back and it binds and will not release:

- Check if the firing pin  is out of alignment. Disassemble the Firing Valve and make sure the firing pin is pushed in flush with the firing valve body

TROUBLESHOOTING: (continued from page 17)

during assembly (see Firing Valve Disassembly on page 14).

10) PROBLEM: There is air leaking out of the barrel:

❑ Check the front valve spool o-rings (G) for dirt or damage (see Air Valve Disassembly on page 15).

11) PROBLEM: When the trigger is pulled slowly - a short leaking sound is normal. If the leak continues without the gun firing:

❑ Check the valve spool rear o-ring (Z) and the air valve end cap o-ring (Z) for dirt or damage (see Air Valve Disassembly on page 15).

12) PROBLEM: The trigger will not move at all when trying to fire:

❑ Check the trigger safety (28) to be sure it is not installed backwards. The red o-ring should be to the left by (SAFE) and black o-ring to the right by (FIRE) (see Marker Disassembly on page 12).

13) PROBLEM: You fire the marker but no paintballs are fired.

- If the front bolt (B) sticks in the forward position paintballs will not load.
 - ❑ Check the ball latch (32) to be sure it is not installed backwards (see Marker Disassembly on page 12).
- If the front bolt (B) is installed correctly and does not return completely the paintballs will not load.
 - ❑ Check the barrel adapter (19) and the air valve assembly (24) for dirt or damage (see Marker Disassembly on page 12).

NOTE: If a problem still exists, contact Tippmann Service Department at 1-800-533-4831 or your local paintball dealer.

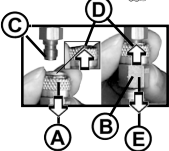
Optional Remote Line Adaptor - Connecting and Disconnecting and Air Supply Cartridge / Cylinder - Installation / Removal

1) Unload your marker: ❑ Eye protection designed for paintball use must be worn by the user and any person within range. ❑ Put trigger safety in Safe Mode (see page 4 instructions). ❑ Install the barrel blocking device (see page 2). ❑ Remove the magazine (go to page 6 and follow STEP 2: Magazine Removal, Loading and Insertion instructions).

2) ❑ Pull and hold the Remote Coil fitting Locking Ring (A) down ↴ to connect or remove the Remote Coil fitting (B).

3) ❑ To connect to the marker: with the Locking Ring held down (A), push the coil fitting (B) up onto the nipple (C) and release the locking ring up ↗ to lock (D). ❑ Pull down ↴ on the Remote Coil fitting (E) to be sure it has locked properly.

4) Before hooking up the air supply to the Remote Coil, markers with remote line adaptor must first have an empty 12 gram CO2 cartridge installed to operate properly. ❑ Turn off the remote coil air flow control valve (F): turn the flow control (G) counterclockwise ↻ out until it stops (see page 19). ❑ Install a 12 gram CO2 cartridge (C): follow STEP 1: Air Supply Cartridge Installation instructions on page 6. ❑ Empty the cartridge of any air - follow To Unload a marker with a PUNCTURED air cartridge on page 10 (then keep the empty cartridge installed).

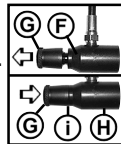


Optional Remote Line Adaptor: (continued from page 18)

5) To install the air supply cylinder ↻: ❑ First mark the cylinder and cylinder valve (see below). ❑ Lubricate the cylinder valve o-ring with a little marker grease then insert the cylinder valve end into the air supply adapter of the remote coil. Twist the cylinder clockwise (C) into the adapter (H) until it stops. Your marker is ready to fire once you turn the flow control (G) (clockwise (C) all the way in (1)) and switch to Fire Mode from Safe Mode. If the tank is full and you do not hear the air supply engage, the pin valve could be too short or the pin valve seal is damaged (follow the Air Supply Cylinder Removal from the Remote Coil instructions on pages 18-21).

❑ To turn off air supply: turn ↻ flow control (G) completely out ↻.

❑ To turn on air supply: turn (C) flow control (G) completely in ↻.



6) Air Supply Cylinder Removal

Step 1) ❑ You must first read the following Air Supply Cylinder WARNINGS and SAFETY TIPS before beginning the cylinder removal in step 2).

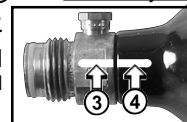
WARNING

NEVER UNSCREW (5) THE CYLINDER (2) FROM THE CYLINDER VALVE (1).

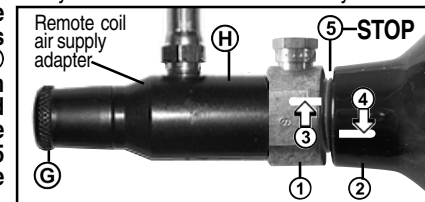
THE BRASS OR NICKEL PLATED VALVE (1) IS INTENDED TO BE PERMANENTLY ATTACHED TO THE AIR OR CO2 CYLINDER (2). AN AIR OR CO2 CYLINDER CAN FLY OFF WITH ENOUGH FORCE TO CAUSE SERIOUS INJURY OR DEATH IF THE CYLINDER (2) UNSCREWS (5) FROM A CYLINDER VALVE (1).

There have been reported incidents that were caused by players unknowingly unscrewing the cylinder (2) from the cylinder valve (1). This occurs when the player thinks the entire valve-cylinder assembly is being unscrewed from the air adaptor of the paintball marker (H) when in fact they are unscrewing the cylinder (2) from the cylinder valve (1).

To Avoid This Danger: It is recommended, if your cylinder is not already marked, that you use paint or nail polish to place a mark (3) on the cylinder valve and place a mark (4) on the cylinder as shown.



Whenever you turn the cylinder (2) during removal, watch the mark (4) on the cylinder and the mark (3) on the cylinder valve to be sure that they rotate together. **If at any time these marks start to separate as shown (5), the cylinder (2) is starting to unscrew from the cylinder valve (1) and you should STOP and take the entire unit to a C5 certified airmsmith for safe removal and/or repair.**



NOTE: The cylinder valve should unfuse from the paintball marker in about 3 or 4 full turns. If you finish the 4th full turn and the cylinder valve is not unscrewed from the paintball marker, STOP! Take the entire unit to a C5 certified airsmith for safe removal and/or repair. Locate a "C5" Certified Airsmith at www.paintball-pti.com/search.asp

Whether you have a new or used refillable Air or CO2 cylinder, you are at risk if any of the following has occurred: The valve unit was replaced or altered after purchase. An anti-siphon device was installed. The valve unit was removed from the cylinder for any reason. Any modification was done to the refillable Air or CO2 cylinder. If any of these conditions has occurred take your air or CO2 cylinder to a "C5" Certified Airsmith for inspection or contact the cylinder manufacturer.

SAFETY TIPS to ensure that your Air or CO2 cylinder is safe for play:

- Improper use, filling, storage or disposal of Air or CO2 cylinder may result in property damage, serious personal injury or death.
 - Make sure that any maintenance or modification to any Air or CO2 cylinder is done by a qualified professional, such as a C5 certified airsmith.
 - The use of anti-siphon devices is not recommended. However, if one is already installed on your Air or CO2 cylinder or is desired, it is critical that your cylinder be checked by, or the device installed by, a qualified professional.
 - All Air or CO2 cylinders must be filled only by properly trained personnel.
 - Cylinder valves must be installed only by properly trained personnel.
 - Do not overfill!!! Never exceed the Air or CO2 cylinder's capacity.
 - Do not expose pressurized Air or CO2 cylinder to temperatures exceeding 130 degrees Fahrenheit (55 degrees Celsius).
 - Do not use caustic cleaners or strippers on the Air or CO2 cylinder or tank valve and do not expose to corrosive materials.
 - Do not modify the Air or CO2 cylinder in any way. Never try to disassemble the tank valve from the Air or CO2 cylinder.
 - Any Air or CO2 cylinder that has been exposed to fire or heated to a temperature of 250 degrees Fahrenheit (121 degrees Celsius) or more must be destroyed by properly trained personnel.
 - Use appropriate gas for your cylinder. Only use CO2 in a CO2 cylinder and only use compressed air in a compressed air cylinder.
 - Keep all cylinders out of the reach of children.
 - The Air or CO2 cylinder should be inspected and hydrostatically retested at least every 5 years by a DOT licensed agency.
- Locate a "C5" Certified Airsmith at www.paintball-pti.com/search.asp



WARNING

KEEP EXPOSED SKIN AWAY FROM ESCAPING GAS WHEN INSTALLING OR REMOVING AIR SUPPLY OR IF THE MARKER OR AIR SUPPLY IS LEAKING. COMPRESSED AIR, CO2, AND NITROGEN GASSES ARE VERY COLD AND CAN CAUSE FROSTBITE UNDER CERTAIN CONDITIONS.

Step 2: To remove a charged air supply cylinder: Unload Your Marker (follow the instructions on page 18). Eye protection designed for paintball use must be worn by the user and any person within range.

Step 3: Watch the marks on the cylinder and cylinder valve as you Turn the cylinder approximately 3/4 of a turn counterclockwise. This allows the air supply pin valve to close so that no air will enter the marker. Point the marker in a safe direction and discharge the remaining gas in the marker by pulling the trigger until the marker stops firing. If your marker continues to fire, the tank pin valve has not closed yet (the tank pin valve could be too long, because of the variances in tank pin valve parts, each tank varies slightly on exactly how far it should be turned) and you will have to turn the tank counterclockwise a little further and repeat this step until the marker does not fire, then remove the tank. NOTE: If during this step, you turned the tank and it began to leak before you pulled the trigger, the tank o-ring should be checked for damage before reassembly (see Repairing Air Supply Cylinder Leaks below).

Step 4: After air cylinder is removed, point & fire the marker in a safe direction until stored air is completely discharged. NOTE: Before storing or disassembling be sure to follow Unloading Your Marker and Air Supply Cylinder Removal from Remote Coil instructions (see page 18). Put the marker in safe mode (see page 4) and install the barrel blocking device (see page 2).

Repairing Air Supply Cylinder Leaks:

The most common leak occurs from a bad air supply valve o-ring. To replace a valve o-ring you must first remove the bad o-ring and then install a new one. This o-ring is located on the tip of your air supply valve. The best valve o-rings are made of urethane. Urethane o-rings are not affected by high air supply pressures. These may be purchased from Tippmann® or your local paintball dealer. NOTE: If new valve o-ring does not resolve air supply leak, do not attempt to repair air supply cylinder. Contact Tippmann Sports, LLC, your local paintball dealer or a "C5" Certified Airsmith.

Storage

Before storage follow Unloading and Air Supply Cartridge Removal instructions on page 10 (on page 18 for markers with remote line adaptor). Do not store marker with a cartridge, cylinder or magazine installed. Store the magazine empty with the follower tab in the top position.

- Put your marker in Safe Mode (see page 4) and Install the barrel blocking device (see page 2). You should store your marker in a dry area.
- Before storing your marker make sure that the marker is cleaned and lubricated (see cleaning and maintenance on page 12) so that it does not rust. When removing your marker out of storage make sure to put the marker in safe mode (see page 4) and install the barrel blocking device (see page 2).
- You should re-lubricate before use (see cleaning and maintenance on page 12).

ENGLISH

ENGLISH

TPX™ Marker Specifications

Model Basic	Tippmann® TPX™
Caliber68
Action	(open bolt blow-forward)
Power/Air Supply	compressed air, nitrogen or CO2
Cartridge	12 gram CO2
Shots per 12 gram CO2 cartridge	approximately 19
Ball Feed	TPX™ Magazine - spring feed
Magazine Capacity	8 Paintballs
Cycle Rate	1 trigger pull = 1 shot (6 per second)
Standard Barrel Length	6.25" / 15.875 cm
Overall Length (with standard barrel & no tank)	10.8" / 27.43 cm
Weight (without 12 gram CO2 cartridge or paintballs)	1.81 lbs. / .821 kg
Weight (with 12 gram CO2 cartridge and 8 paintballs)	1.95 lbs. / .884 kg
Effective Range	150+ ft. / 46+ m
Velocity	Always measure your marker's velocity before playing paintball and never shoot at velocities in excess of 300 feet per second (see instructions - page 7).

WARRANTY AND REPAIR POLICY

Tippmann Sports, LLC warrants that this product is found free from defects in materials and workmanship for a period of 2 years from the original date of purchase by the initial owner/purchaser. This warranty does not apply to defects discovered after purchase which were caused by the unauthorized modifications and alterations of our product. Tippmann Sports, LLC will repair or replace, without charge, any of its markers that have failed through defect in material or workmanship. Tippmann is dedicated to providing you with the ultimate paintball marker and the quality support necessary for satisfactory play.

WARRANTY OR REPAIR PROCEDURE

If you should encounter any problems with your marker and you have aftermarket parts on your marker, please test it with the original stock parts before sending it in.

Always unload and remove air supply before shipping a marker (see page 10 (or page 18 for markers with remote line adaptor). Do not ship your air supply tank if it is not completely empty.

For warranty and non-warranty repair:

1. Ship or deliver your product(s) to:
Tippmann Sports, LLC
2955 Adams Center Road
Fort Wayne, IN 46803
2. Postage or delivery charges must be prepaid.
3. Include a brief statement regarding the requested repair, your name, return address and telephone number where you can be reached during normal business hours, if possible.

Our policy is to complete the necessary repair work within 24 hours and return it to you via regular ground UPS. If you wish to have it returned using a faster service, you can request for NEXT DAY AIR UPS OR SECOND DAY AIR UPS. You will be charged for this service and must include your credit card number with the expiration date. Your card will be charged the difference in additional cost over regular ground shipping service.

WARRANTY REGISTRATION

Register your marker either:

1. Online at www.tippmann.com
2. Complete attached registration card and mail to the above address.

TIPPMANN®

2955 ADAMS CENTER ROAD
FT. WAYNE, IN 46803 USA

Model: TPX™



Warranty Registration online at www.tippmann.com
or complete this warranty card and mail to Tippmann®.

Serial Number (above left front grip) _____ # _____ Date _____

Purchased from _____

City _____ State _____ Zip _____

Country _____

Your Name (print) _____ Age _____ Male Female

Address _____

City _____ State _____ Zip _____

Country _____ Phone # _____

E-mail _____

TIPPMANN®2955 ADAMS CENTER ROAD
FT. WAYNE, IN 46803 USA

L'inscription de Garantie sur l'internet à www.tippmann.com ou
complétez la carte de d'inscription et l'envoyez à Tippmann®.
Registro de Garantía via On line a www.tippmann.com o
complete esta tarjeta de garantía y envíela por correo regular a

Modèle / Modelo: TPX™

Tippmann®.

Numéro Sérial (Nombre au-dessus de poignée avant gauche):

#

Numero de Serie (Número sobre el mango delantero izquierdo).

Acheté du
Nombre comprador

Date
Fecha

Ville
Ciudad

État
Estado

Code Postale
Código Postal

Pays
País

Votre nom
Nombre (letra de molde)

Âge
Edad

Mâle
Homme

Femelle
Mujer

Adresse
Dirección

Ville
Ciudad

État
Estado

Code Postale
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Pays
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Teléfono

E-mail



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