



TYRANT 2011

GAS BLOWBACK

INSTRUCTION MANUAL



886-3-379-8879



886-3-369-5091



sales@modify.com.tw
marketing@modify.com.tw



NO.21, Ln.384, Yongfeng Rd. Bade Dist,
Taoyuan City 334015, Taiwan



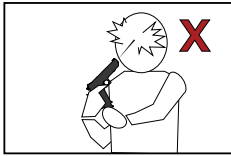
WEBSITE



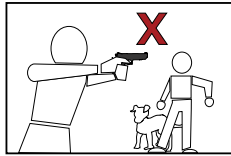
INSTAGRAM



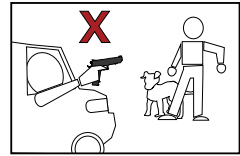
FACEBOOK



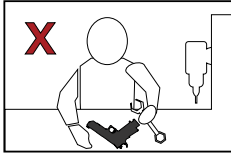
Never look into a muzzle.



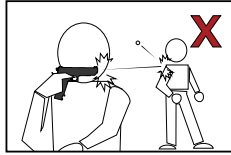
Never aim or shoot people or animals.



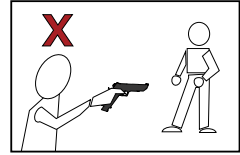
Never treat a airsoft gun as toy. Always use a airsoft gun carefully to avoid injury and liability.



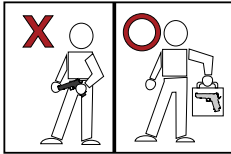
Never disassemble or modify airsoft gun without authorized help to avoid hazard and danger.



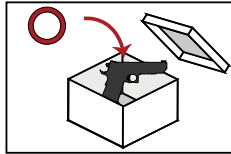
Do not load airsoft gun until ready to use.



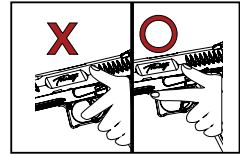
Pay attention also to onlookers not operating airsoft gun.



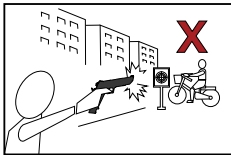
Only carry airsoft gun in public inside a case.



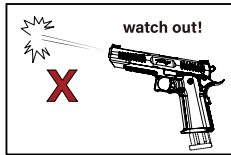
Store airsoft gun out of reach of children.



Always keep your fingers away from trigger until ready to shoot.



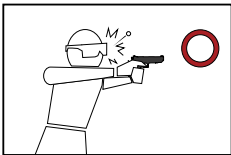
Never shoot airsoft gun near people and vehicles.



BBs may be fired even if a magazine is removed.



Always set selector to Safety until ready to shoot.



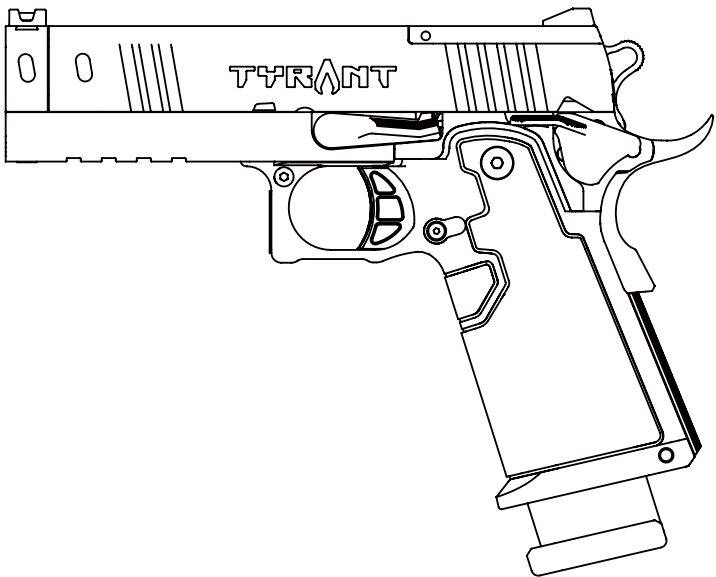
Always wear eye protection when target shooting or combating to protect also against ricochet.



WARNING

- The operation varies according to the model. Learn the features before using airsoft gun.
- Modify-Tech is not liable for accidents, injuries or repair costs resulting from wrongful operation, handling, modification and disassembly.
- Users are liable for repair costs if guns are damaged due to DIY work.

SPECIFICATIONS



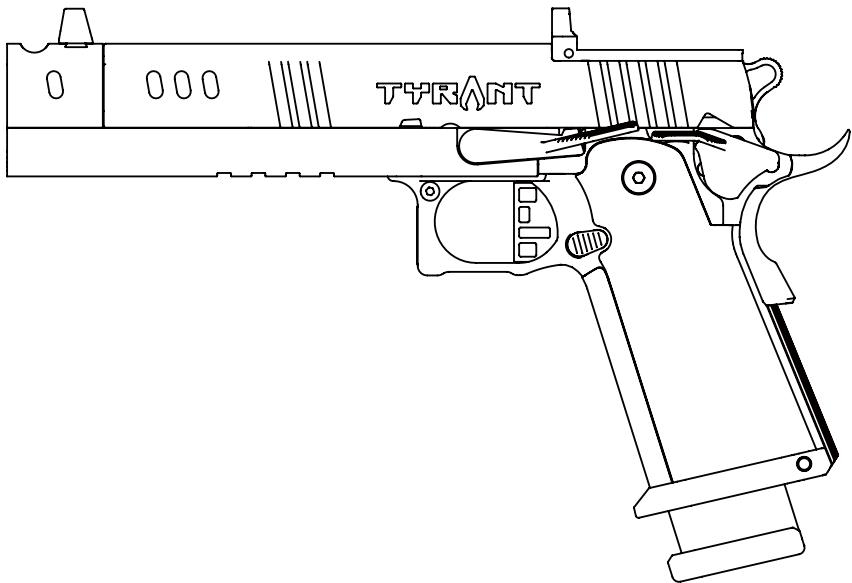
	Tyrant 2011 Compact	
WEIGHT	0.51 kg (no magazine)	
LENGTH	202 mm	
BARREL LENGTH	91 mm	
BARREL CALIBER	6.03 mm	
HOP UP	Adjustable	
PELLET TYPE	6 mm BB	
OPERATING TEMPERATURE	20~25°C 68~77°F	
INITIAL SPEED (Normal)	Gas:280 FPS / CO2:340 FPS	
MAGAZINE	26~28 rds	
The actual velocity is different between countries, and strictly follows the countries' law requirement as accordingly.		

SPECIFICATIONS



	Tyrant 2011 Full Size
WEIGHT	0.54 kg (no magazine)
LENGTH	218 mm
BARREL LENGTH	97 mm
BARREL CALIBER	6.03 mm
HOP UP	Adjustable
PELLET TYPE	6 mm BB
OPERATING TMEPERATURE	20~25°C 68~77°F
INITIAL SPEED (Normal)	Gas:295 FPS / CO ₂ :345 FPS
MAGAZINE	26~28 rds
The actual velocity is different between countries, and strictly follows the countries' law requirement as accordingly.	

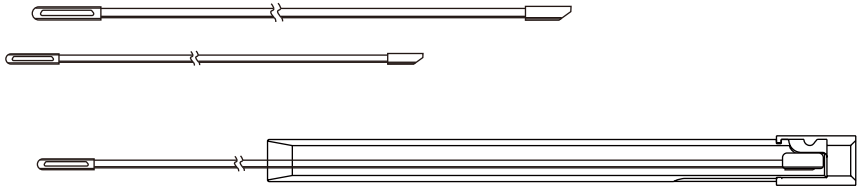
SPECIFICATIONS



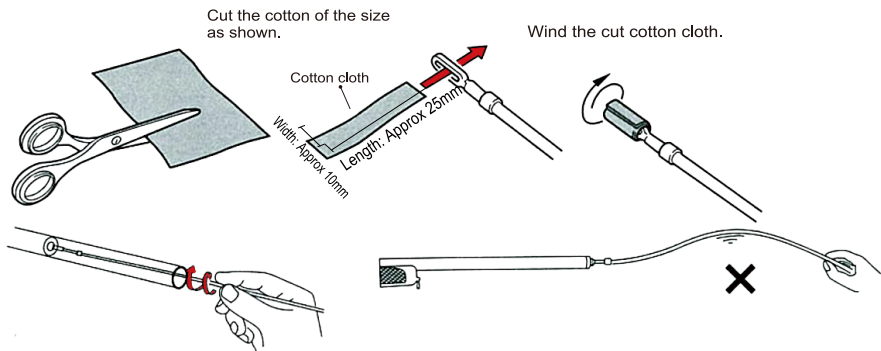
	Tyrant 2011 PrimeMax
WEIGHT	0.63 kg (no magazine)
LENGTH	246 mm
BARREL LENGTH	126 mm
BARREL CALIBER	6.03 mm
HOP UP	Adjustable
PELLET TYPE	6 mm BB
OPERATING TEMPERATURE	20~25°C 68~77°F
INITIAL SPEED (Normal)	Gas:310 FPS / CO ₂ :360 FPS
MAGAZINE	26~28 rds
The actual velocity is different between countries, and strictly follows the countries' law requirement as accordingly.	

MAINTENANCE

Drop a few drops of silicone oil from the pellet entrance, then fire pullets equivalent to 1 or 2 magazine. Use the cleaning rod (with cotton) as shown below, to remove the excess oil to complete the maintenance.



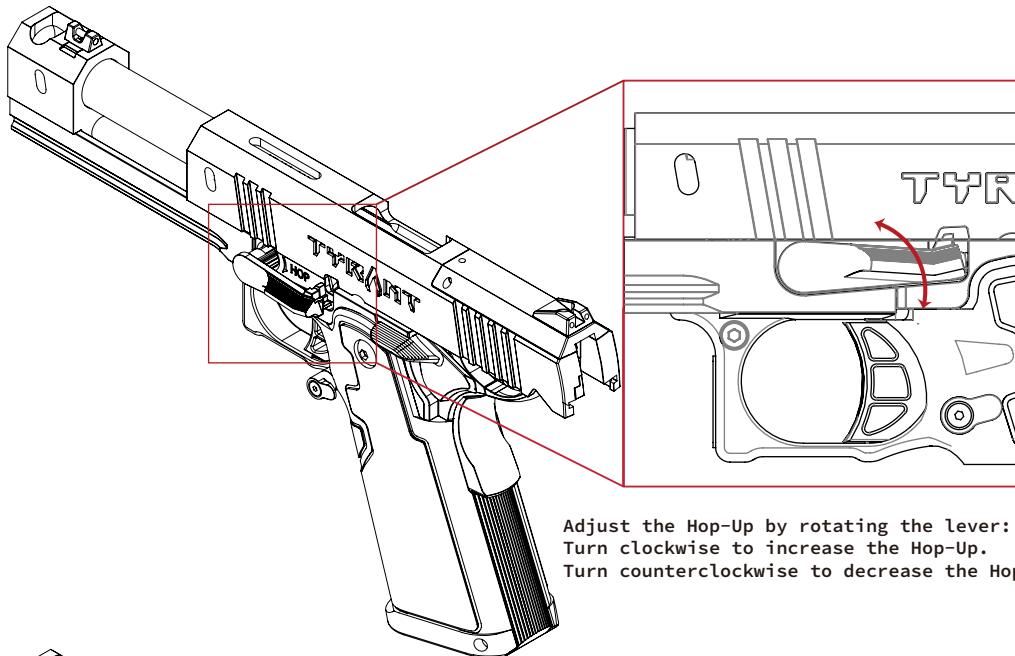
Always begin the maintenance by returning the hop up adjustment lever to the Normal (HOP off) position. The inside chamber is a precision component, it can be damaged easily. Be careful during maintenance. Never use any used pellets.



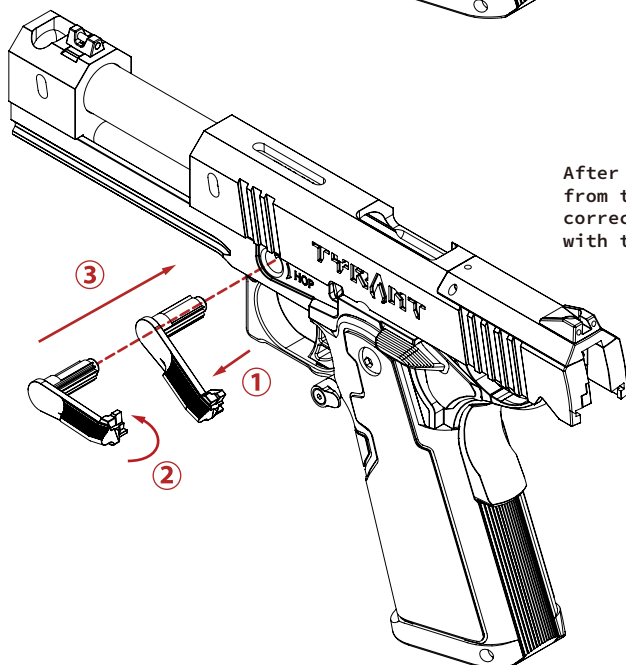
How to use a cleaning rod ?

Cut a cotton cloth to the size as shown and insert one side into the hole in the rod. (Adjust the length of the cloth for smooth entry into the barrel.)

HOP-UP Adjustment

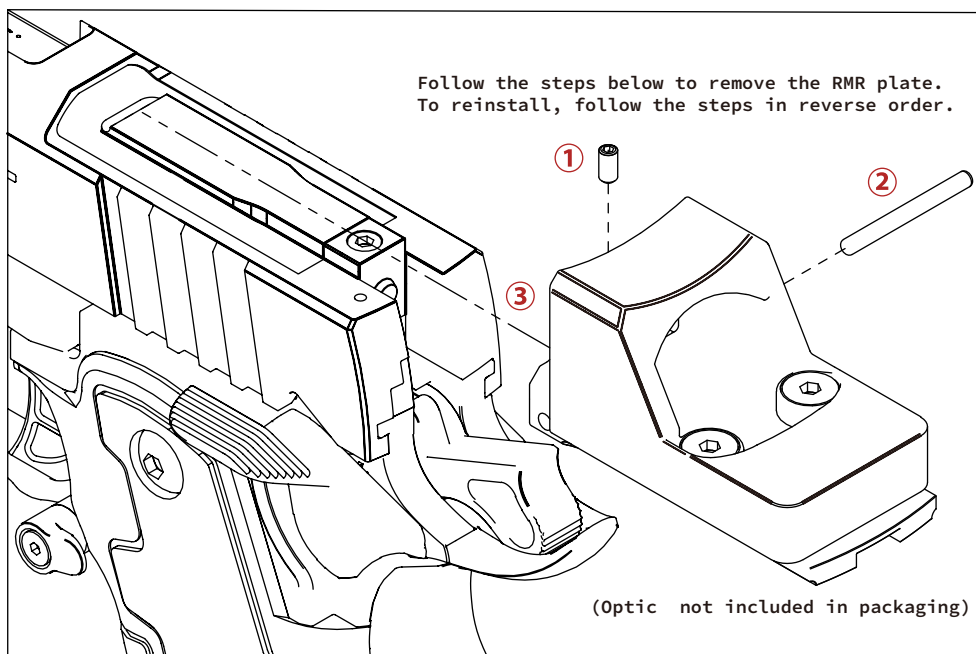
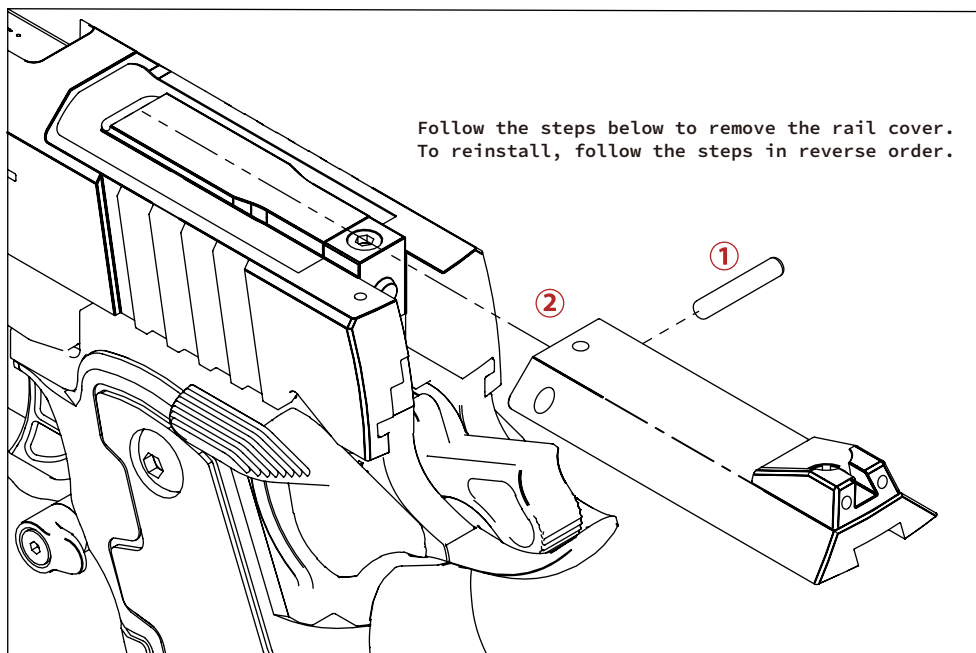


Adjust the Hop-Up by rotating the lever:
Turn clockwise to increase the Hop-Up.
Turn counterclockwise to decrease the Hop-Up.



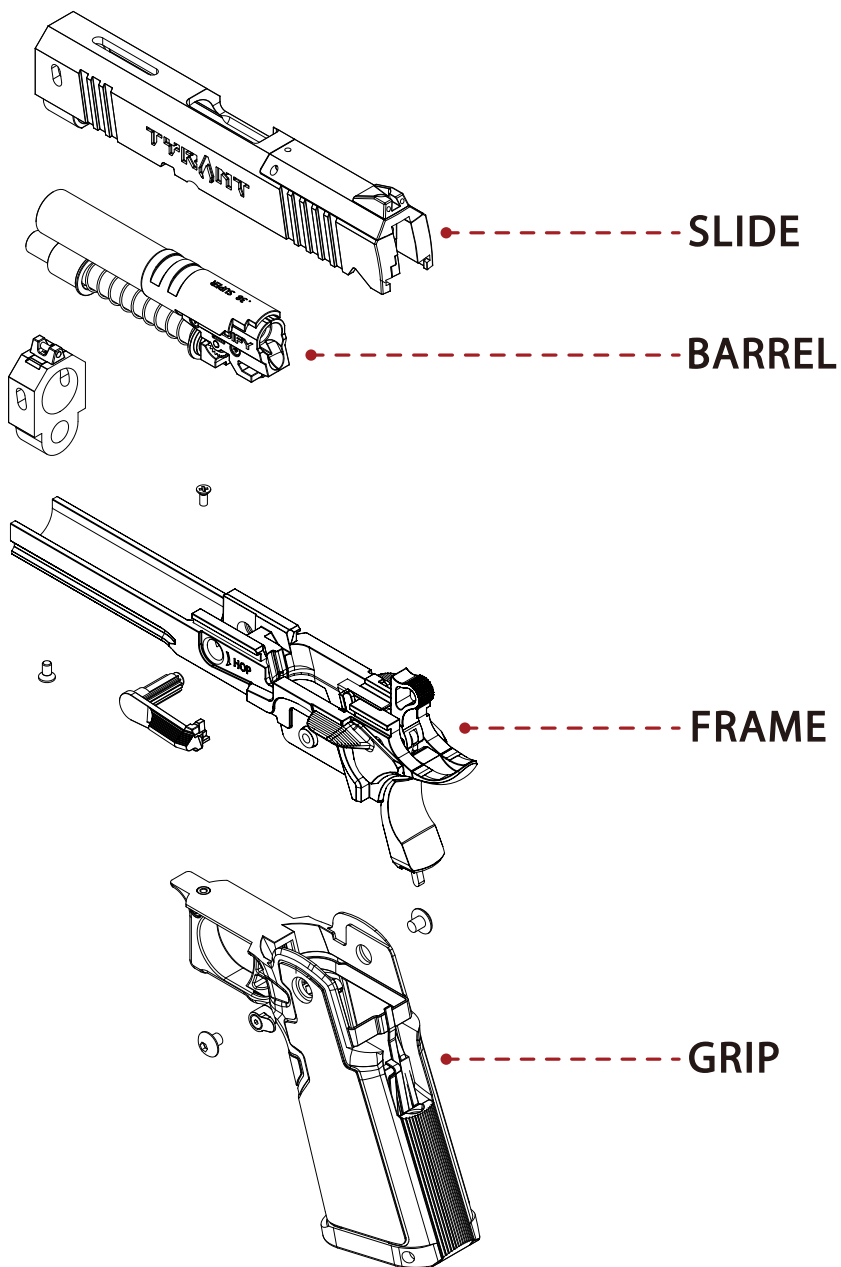
After adjustment, fully extend the lever
from the frame and reposition it at the
correct assembly angle to avoid interfering
with the Hop-Up gear.

Switch Between Rails



EXPLODED VIEW

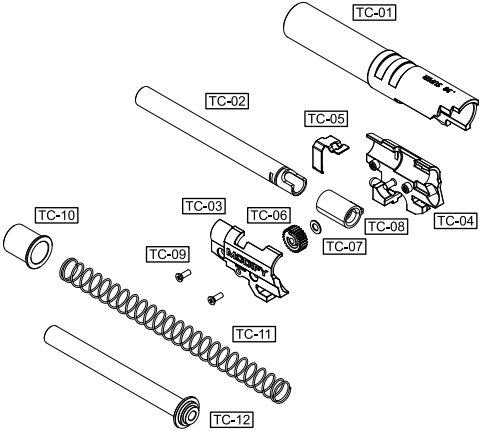
Compact Version



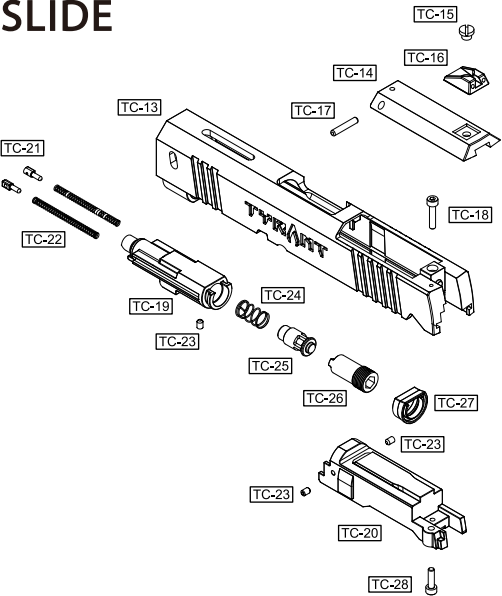
EXPLODED VIEW

Compact Version

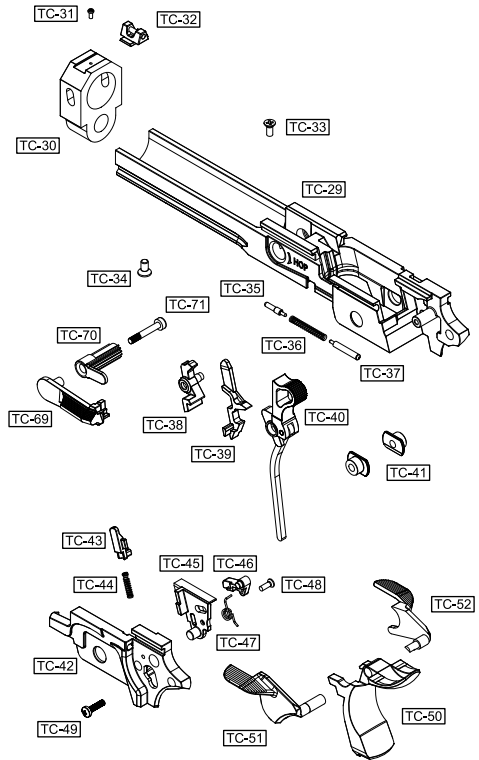
BARREL



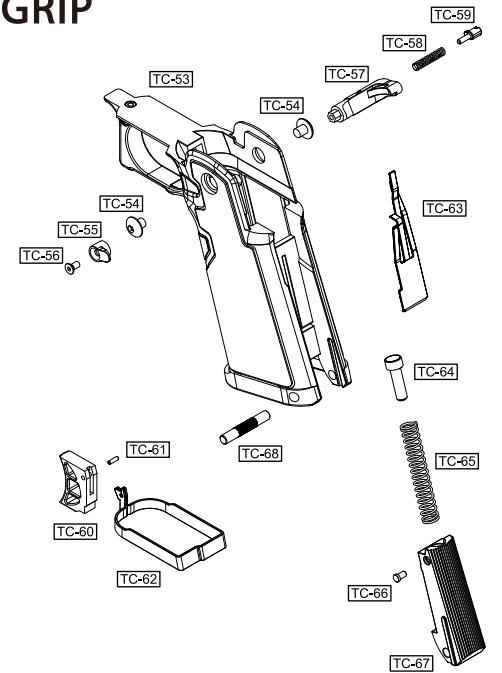
SLIDE



FRAME



GRIP



Parts List

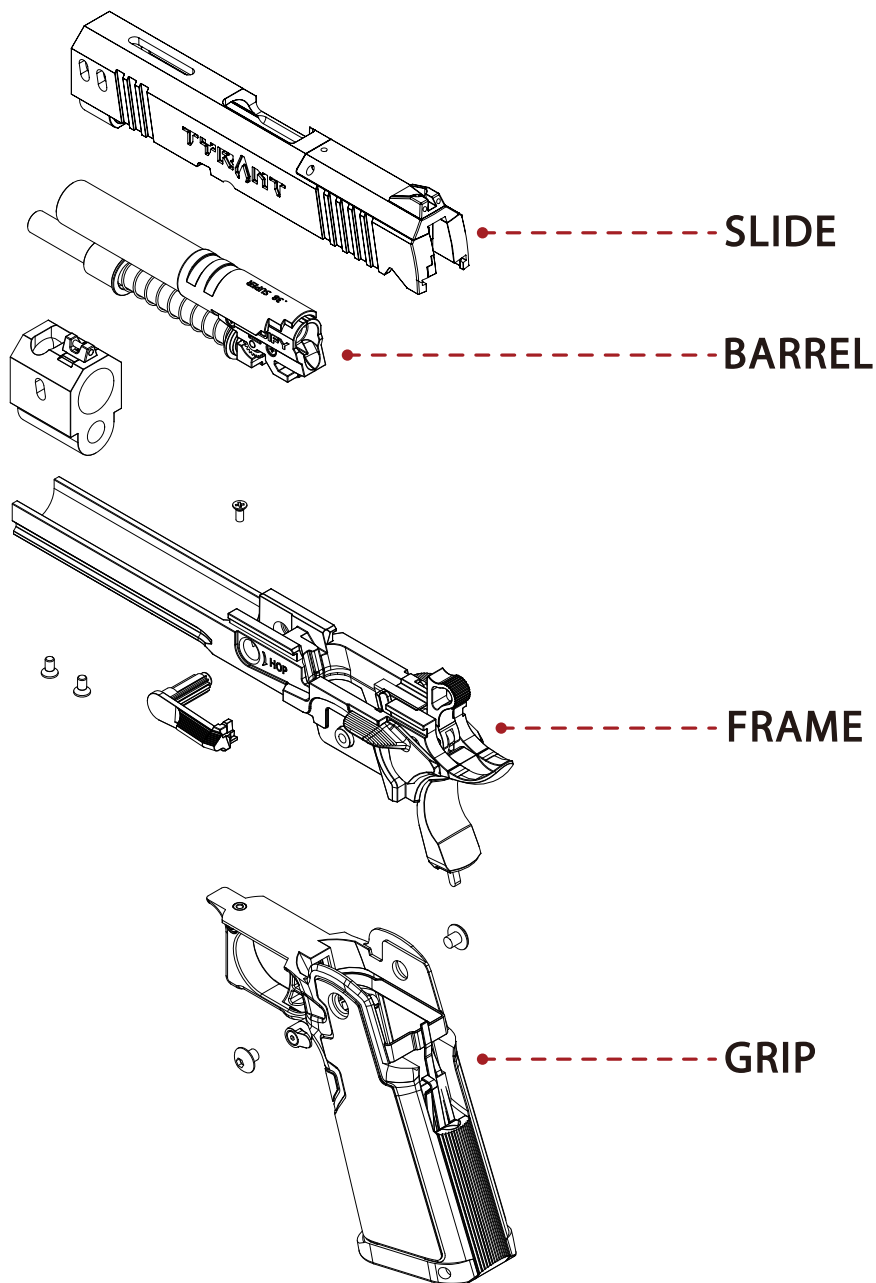
Compact Version

No.	Part Name	Qty.
TC-01	Outer Barrel	1
TC-02	Inner Barrel	1
TC-03	Hop-Up Chamber (L)	1
TC-04	Hop-Up Chamber (R)	1
TC-05	Hop-Up Plate	1
TC-06	Hop Adjustment Gear	1
TC-07	Washer	1
TC-08	Hop-Up Bucking	1
TC-09	Screw M2x6	2
TC-10	Recoil Spring Guide Plug	1
TC-11	Recoil Spring	1
TC-12	Spring Guard	1
TC-13	Slide	1
TC-14	Rail Cover	1
TC-15	Screw M4x2.6	1
TC-16	Rear Sight	1
TC-17	Rail Cover Pin	1
TC-18	Screw M2.5x12	1
TC-19	Air Nozzle	1
TC-20	Nozzle Housing	1
TC-21	Spring Block	2
TC-22	Nozzle Spring	2
TC-23	Set Screw M2x3	3
TC-24	Valve Spring	1
TC-25	Valve	1
TC-26	Valve Adjustment	1
TC-27	Airtight Rubber	1
TC-28	Screw M2.5x8	1
TC-29	Frame	1
TC-30	Compensator	1
TC-31	Screw M1.4x3	1
TC-32	Front Sight	1
TC-33	Screw M2.5x6	1
TC-34	Screw M3x6	1
TC-35	Plunger Pin Front	1
TC-36	Plunger Spring	1
TC-37	Plunger Pin Back	1
TC-38	Sear	1
TC-39	Disconnecter	1
TC-40	Hammer Set	1
TC-41	Washer	2
TC-42	Frame Cover	1
TC-43	Knocker Lock	1
TC-44	Knocker Lock Spring	1
TC-45	Knocker Housing	1
TC-46	Knocker	1
TC-47	Knocker Spring	1
TC-48	Screw M2x6	1
TC-49	Screw M2.5x8	1
TC-50	Grip Safety	1

No.	Part Name	Qty.
TC-51	Thumb Safety (L)	1
TC-52	Thumb Safety (R)	1
TC-53	Grip	1
TC-54	Grip Screw M2.5x6	2
TC-55	Magazine Release Cap	1
TC-56	Screw M2.5x5	1
TC-57	Magazine Release	1
TC-58	Magazine Release Spring	1
TC-59	Magazine Release Lock	1
TC-60	Trigger	1
TC-61	Trigger Pin	1
TC-62	Trigger Bar	1
TC-63	Sear Spring	1
TC-64	Hammer Spring Guard	1
TC-65	Hammer Spring	1
TC-66	Hammer Spring Lock Pin	1
TC-67	Hammer Spring Housing	1
TC-68	Hammer Housing Pin	1
TC-69	Slide Release	1
TC-70	Hop-Up Adjustment	1
TC-71	Slide Release Screw	1

EXPLODED VIEW

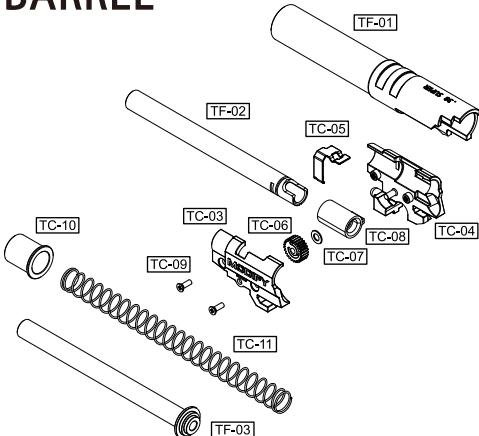
Full Size Version



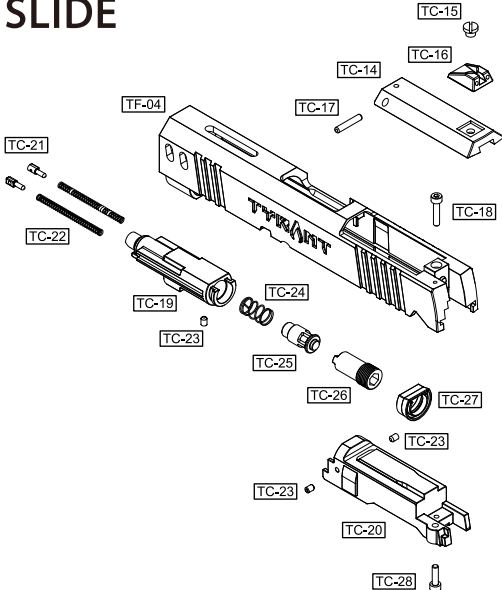
EXPLODED VIEW

Full Size Version

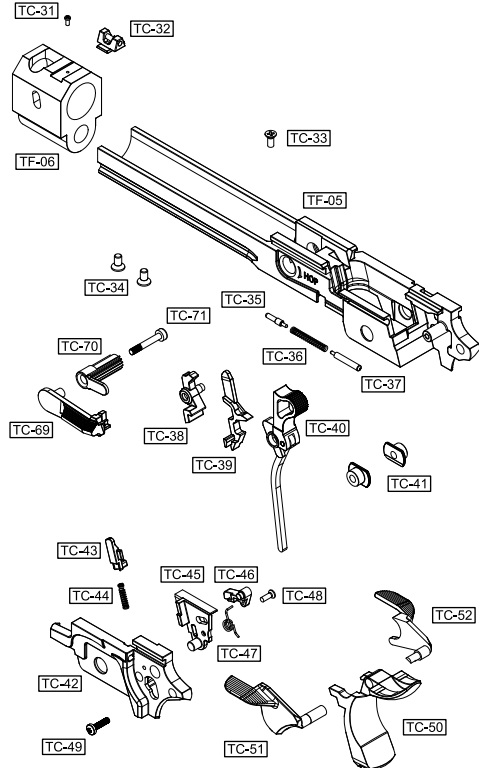
BARREL



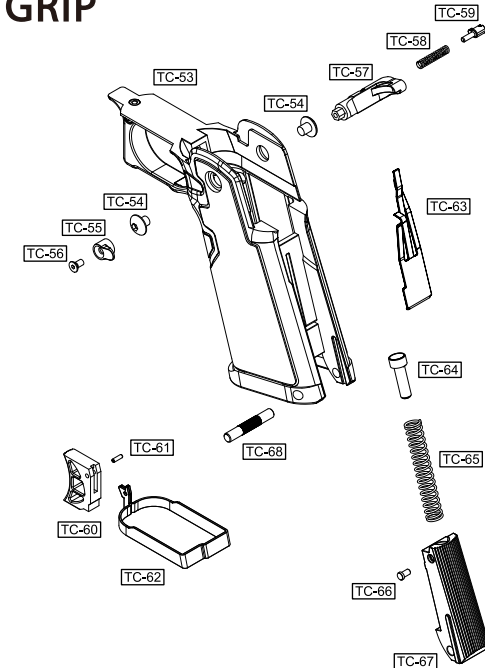
SLIDE



FRAME



GRIP



Parts List

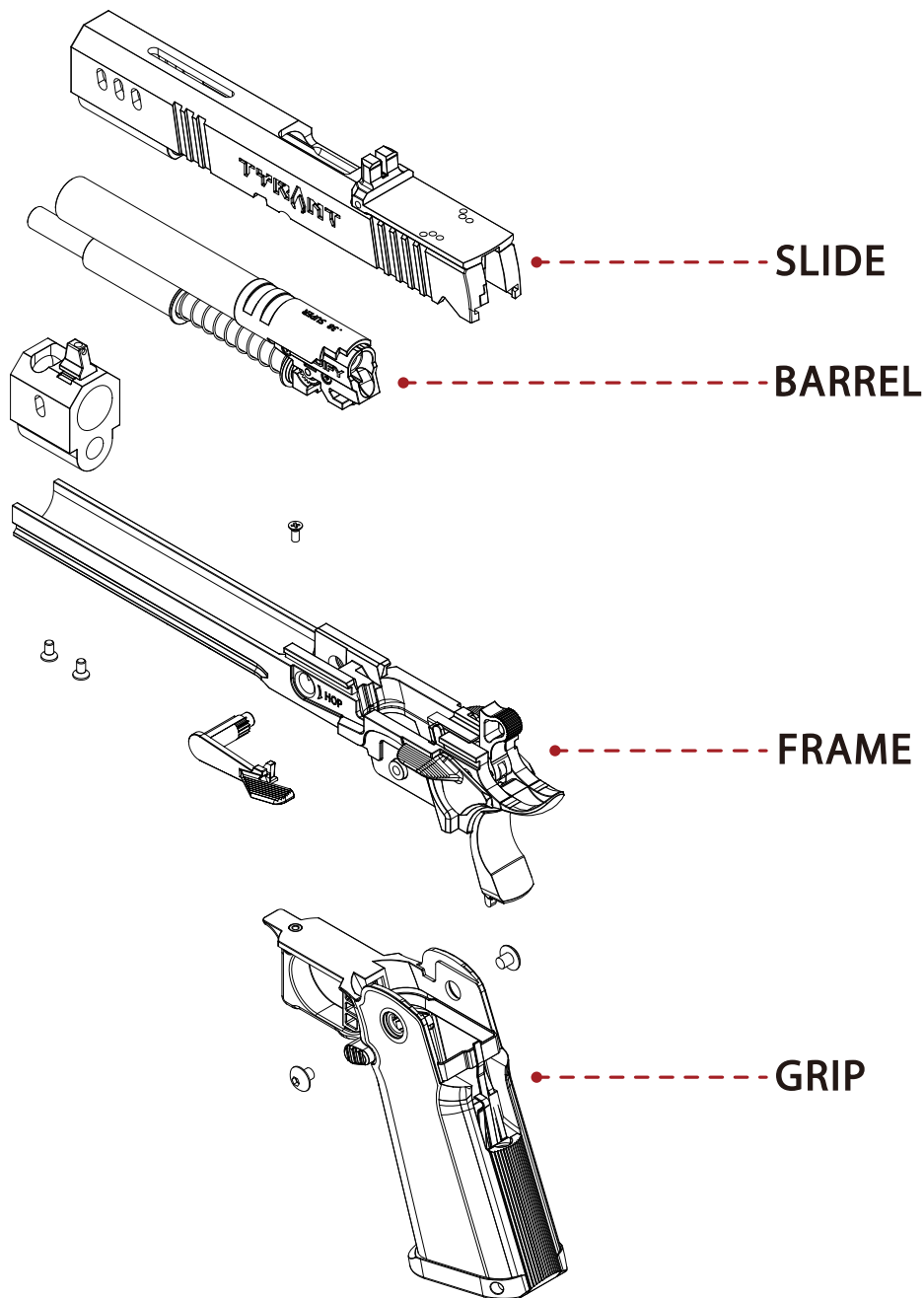
Full Size Version

No.	Part Name	Qty.
TF-01	Outer Barrel	1
TF-02	Inner Barrel	1
TC-03	Hop-Up Chamber (L)	1
TC-04	Hop-Up Chamber (R)	1
TC-05	Hop-Up Plate	1
TC-06	Hop Adjustment Gear	1
TC-07	Washer	1
TC-08	Hop-Up Bucking	1
TC-09	Screw M2x6	2
TC-10	Recoil Spring Guide Plug	1
TC-11	Recoil Spring	1
TF-03	Spring Guard	1
TF-04	Slide	1
TC-14	Rail Cover	1
TC-15	Screw M4x2.6	1
TC-16	Rear Sight	1
TC-17	Rail Cover Pin	1
TC-18	Screw M2.5x12	1
TC-19	Air Nozzle	1
TC-20	Nozzle Housing	1
TC-21	Spring Block	2
TC-22	Nozzle Spring	2
TC-23	Set Screw M2x3	3
TC-24	Valve Spring	1
TC-25	Valve	1
TC-26	Valve Adjustment	1
TC-27	Airtight Rubber	1
TC-28	Screw M2.5x8	1
TF-05	Frame	1
TF-06	Compensator	1
TC-31	Screw M1.4x3	1
TC-32	Front Sight	1
TC-33	Screw M2.5x6	1
TC-34	Screw M3x6	2
TC-35	Plunger Pin Front	1
TC-36	Plunger Spring	1
TC-37	Plunger Pin Back	1
TC-38	Sear	1
TC-39	Disconnecter	1
TC-40	Hammer Set	1
TC-41	Washer	2
TC-42	Frame Cover	1
TC-43	Knocker Lock	1
TC-44	Knocker Lock Spring	1
TC-45	Knocker Housing	1
TC-46	Knocker	1
TC-47	Knocker Spring	1
TC-48	Screw M2x6	1
TC-49	Screw M2.5x8	1
TC-50	Grip Safety	1

No.	Part Name	Qty.
TC-51	Thumb Safety (L)	1
TC-52	Thumb Safety (R)	1
TC-53	Grip	1
TC-54	Grip Screw M2.5x6	2
TC-55	Magazine Release Cap	1
TC-56	Screw M2.5x5	1
TC-57	Magazine Release	1
TC-58	Magazine Release Spring	1
TC-59	Magazine Release Lock	1
TC-60	Trigger	1
TC-61	Trigger Pin	1
TC-62	Trigger Bar	1
TC-63	Sear Spring	1
TC-64	Hammer Spring Guard	1
TC-65	Hammer Spring	1
TC-66	Hammer Spring Lock Pin	1
TC-67	Hammer Spring Housing	1
TC-68	Hammer Housing Pin	1
TC-69	Slide Release	1
TC-70	Hop-Up Adjustment	1
TC-71	Slide Release Screw	1

EXPLODED VIEW

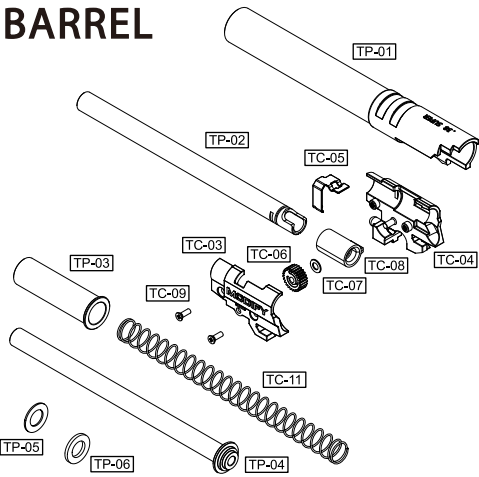
PrimeMax Version



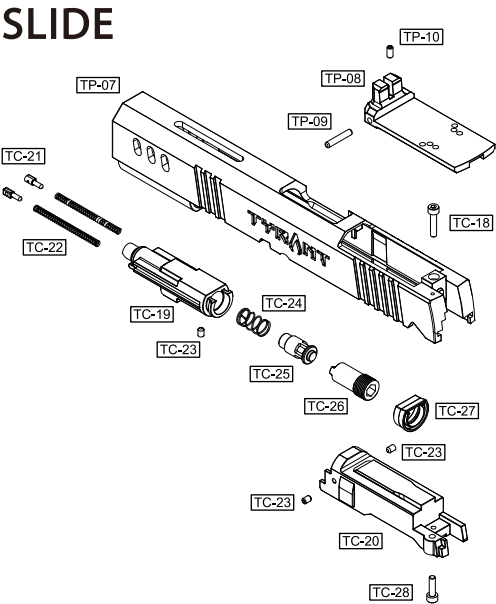
EXPLODED VIEW

PrimeMax Version

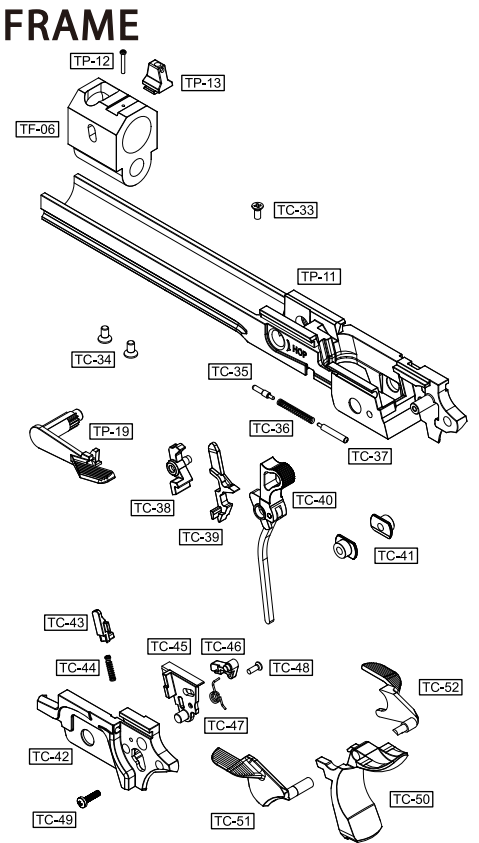
BARREL



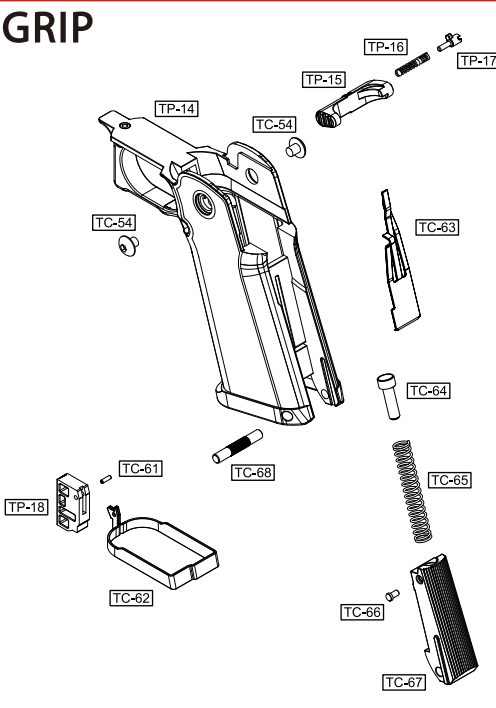
SLIDE



FRAME



GRIP



Parts List

PrimeMax Version

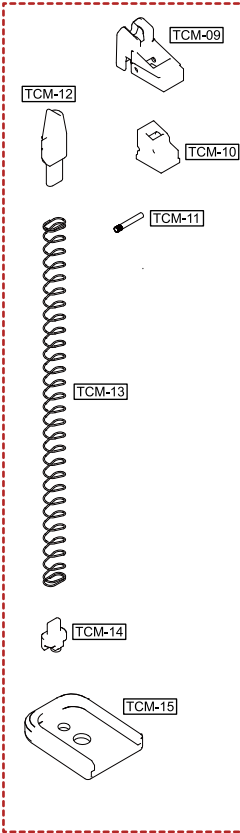
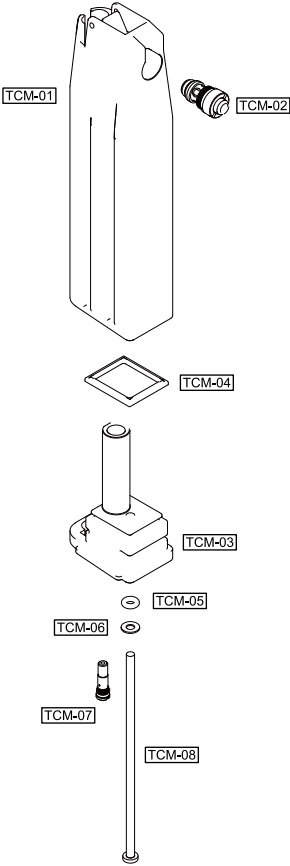
No.	Part Name	Qty.
TP-01	Outer Barrel	1
TP-02	Inner Barrel	1
TC-03	Hop-Up Chamber (L)	1
TC-04	Hop-Up Chamber (R)	1
TC-05	Hop-Up Plate	1
TC-06	Hop Adjustment Gear	1
TC-07	Washer	1
TC-08	Hop-Up Bucking	1
TC-09	Screw M2x6	2
TP-03	Recoil Spring Guide Plug	1
TC-11	Recoil Spring	1
TP-04	Spring Guard	1
TP-05	Washer	1
TP-06	Buffer	1
TP-07	Slide	1
TP-08	RMR Rail Plate	1
TP-09	Rail Plate Pin	1
TP-10	Set Screw M2.5x5	1
TC-18	Screw M2.5x12	1
TC-19	Air Nozzle	1
TC-20	Nozzle Housing	1
TC-21	Spring Block	2
TC-22	Nozzle Spring	2
TC-23	Set Screw M2x3	3
TC-24	Valve Spring	1
TC-25	Valve	1
TC-26	Valve Adjustment	1
TC-27	Airtight Rubber	1
TC-28	Screw M2.5x8	1
TF-06	Compensator	1
TP-11	Frame	1
TP-12	Screw M1.4x10	1
TP-13	Front Sight	1
TC-33	Screw M2.5x6	1
TC-34	Screw M3x6	2
TC-35	Plunger Pin Front	1
TC-36	Plunger Spring	1
TC-37	Plunger Pin Back	1
TC-38	Sear	1
TC-39	Disconnecter	1
TC-40	Hammer Set	1
TC-41	Washer	2
TC-42	Frame Cover	1
TC-43	Knocker Lock	1
TC-44	Knocker Lock Spring	1
TC-45	Knocker Housing	1
TC-46	Knocker	1
TC-47	Knocker Spring	1
TC-48	Screw M2x6	1
TC-49	Screw M2.5x8	1

No.	Part Name	Qty.
TC-50	Grip Safety	1
TC-51	Thumb Safety (L)	1
TC-52	Thumb Safety (R)	1
TP-14	Grip	1
TC-54	Grip Screw M2.5x6	2
TP-15	Magazine Release	1
TP-16	Magazine Release Spring	1
TP-17	Magazine Release Lock	1
TP-18	Trigger	1
TC-61	Trigger Pin	1
TC-62	Trigger Bar	1
TC-63	Sear Spring	1
TC-64	Hammer Spring Guard	1
TC-65	Hammer Spring	1
TC-66	Hammer Spring Lock Pin	1
TC-67	Hammer Spring Housing	1
TC-68	Hammer Housing Pin	1
TP-19	Slide Release	1

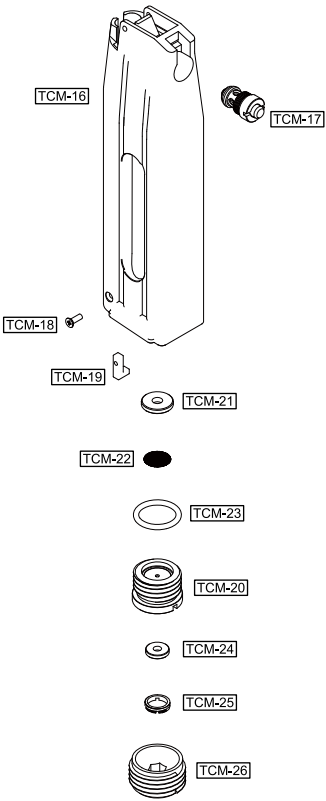
EXPLODED VIEW

Magazine

GAS



CO2



Parts List

TCM-01	Gas Magazine Body	1
TCM-02	Gas Valve	1
TCM-03	Magazine Lower Body	1
TCM-04	Seal Pad	1
TCM-05	O-ring	1
TCM-06	Washer	1
TCM-07	Gas Injection Valve	1
TCM-08	Magazine Screw	1
TCM-09	Feeding Lip	1
TCM-10	Lip Seal	1
TCM-11	Feeding Lip Pin	1
TCM-12	Magazine Follower	1
TCM-13	Magazine Spring	1

TCM-14	Magazine Spring Guide	1
TCM-15	Base Pad	1
TCM-16	CO2 Magazine Body	1
TCM-17	CO2 Valve	1
TCM-18	Screw M2x6	1
TCM-19	Guide Stop	1
TCM-20	Piercing Valve	1
TCM-21	Washer	1
TCM-22	Steel Web	1
TCM-23	O-ring	1
TCM-24	Washer	1
TCM-25	Screw	1
TCM-26	CO2 End Cap	1