



STARK-ARMS FANS PAGE



Stark-Arms Company
www.stark-arms.com
info@stark-arms.com

Ver.2013.05.22



Stark-Arms Company
www.stark-arms.com Made in Taiwan



Instruction S-series Manual

6mm Gas Blow Back Pistol

BEFORE USING GAS BLOWBACK PISTOL READ AND FOLLOW THESE MANUAL

■ ■ WARNING

- Always treat the gun as loaded.
- Always keep the gun pointed in a safe direction.
- Always keep your finger straight and off the trigger until you are ready to shoot.
- Never point the gun at anything you don't intend to destroy. And be sure of your target and what is beyond it.
- Wearing the goggles before firing the gun.



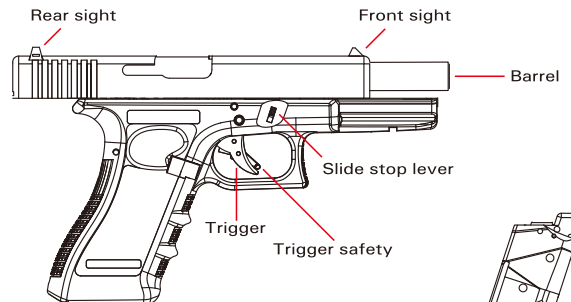
CONTENTS ■ ■

COMPONENT NAME	02
SAFETY DEVICES	03
LOAD & FIRING	04
DISASSEMBLY & CLEANING	08
VARIABLE HOP-UP SYSTEM	10
PARTS LIST	11

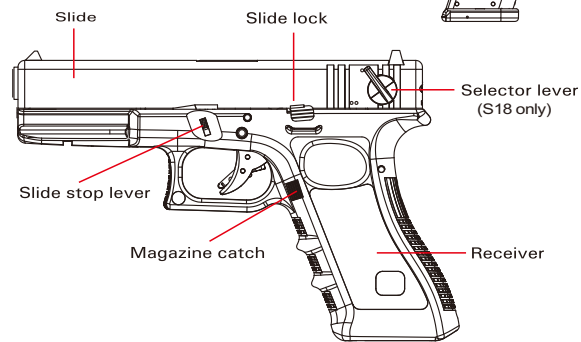
■ ■ SPEC.

	S17&S18C	S19
OVERALL LENGTH	204MM	175MM
CALIBER	6MM	6MM
WEIGHT(WITH MAGAZINE)	730G	620G
MAGAZINE CAPACITY	23ROUND	20ROUND
BARREL LENGTH	97MM	85MM
INNER BARREL INTERNAL DIAMETER	6.04MM	6.04MM
MUZZLE VELOCITY	90M/S	90M/S

RIGHT SIDE



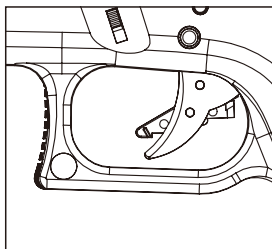
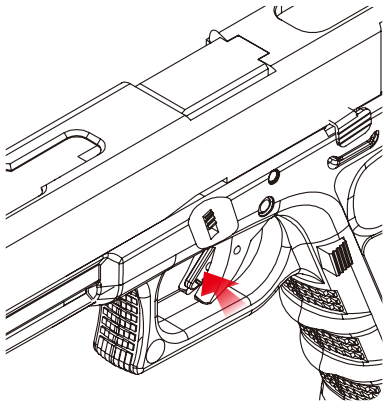
LEFT SIDE



● Safety Device

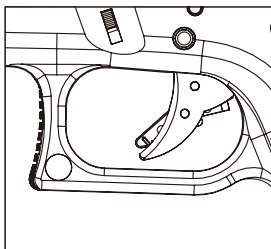
NOTE:

S SERIES HAS NO EXTERNALLY SAFETY DEVICES WHICH NEED TO BE ACTUATED SEPARATELY. ALL THE SAFETY OR SAFETY RELEASE DEVICES FUNCTION AUTOMATICALLY.



ENGAGE

To engage the safety, pull up the trigger safety. The gun is not ready to fire.



DISENGAGE

To disengage the safety, push down the trigger safety. The gun is ready to fire.

● Load & Firing

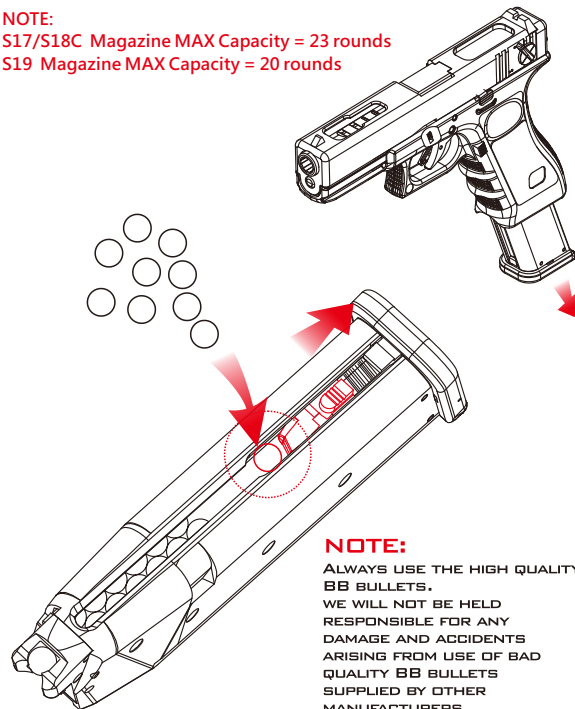
3-1. BB LOADING

1. Pull the magazine follower down and hold the magazine follower.
2. Insert BBs into the magazine and make sure the pellets is fully dual-lined (have no space between).

NOTE:

S17/S18C Magazine MAX Capacity = 23 rounds

S19 Magazine MAX Capacity = 20 rounds



NOTE:

ALWAYS USE THE HIGH QUALITY BB BULLETS. WE WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGE AND ACCIDENTS ARISING FROM USE OF BAD QUALITY BB BULLETS SUPPLIED BY OTHER MANUFACTURERS.

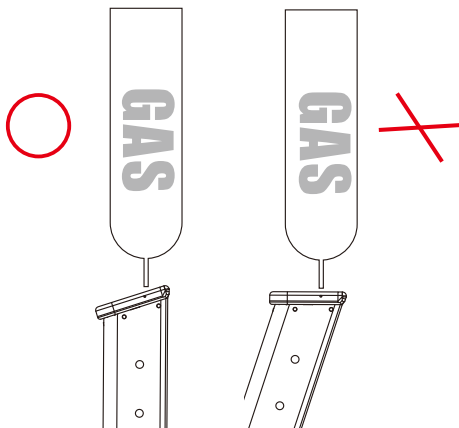
NEVER LET GO THE MAGAZINE FOLLOWER DURING THE LOAD PROCEDURE!! OTHERWISE, MAGAZINE FOLLOWER OR PELLET HOLDER WILL BE DAMAGED.

● Load & Firing

● Load & Firing

3-2. FILLING THE GAS

1. Push the Gas canister nozzle into the charging valve. Make sure the canister is in vertical position when charging.
2. Filling magazine until gas overflows from charging valve.



NOTE:

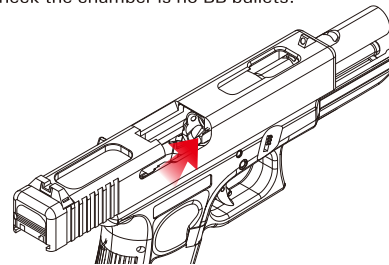
YOU MAY EXPERIENCE A DELAY ACTION IF SURROUNDING TEMPERATURE DROPS BELOW 20°C/68°F. REMEMBER, DO NOT EXPOSE MAGAZINE DIRECTLY UNDER THE SUN OR INCINERATE THE MAGAZINE, IT MAY CAUSE BURSTING. IT IS STRONGLY RECOMMENDED TO EMPTY GAS FROM MAGAZINE AFTER SHOOTING. BE SURE TO AVOID DIRECT GAS CONTACT WITH EYES OR SKIN WHEN THE GAS IS BEING RELEASED, IT WILL CAUSE FROSTBITE.

WARNING:

1. CHECK CANISTER FOR ANY CRACKS OR LEAKS BEFORE USING.
2. DO NOT EXPOSE CANISTER OVER 40°C/ 104°F
3. DO NOT LEAVE CANISTER DIRECTLY OVER
4. DO NOT BOIL CANISTER.
5. KEEP CANISTER AWAY FROM DIRECT SUNLIGHT.
6. DO NOT LEAVE CANISTERS IN VEHICLE .

3-3. CHECK THE PISTOL

1. Remove the Magazine.
2. Pull back the slide with free hand and lock it.
3. Check the chamber is no BB bullets.



CAUTION:

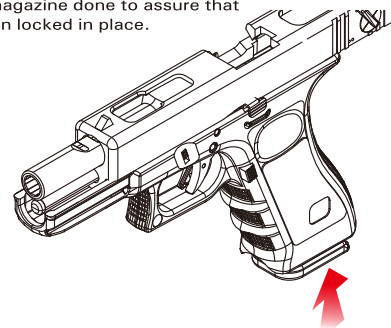
BEFORE SHOOTING AND AFTER SHOOTING MUST CHECK THE CHAMBER.

WARNING:

DO NOT PUT YOUR FINGER INTO THE CHAMBER, IT'S DANGEROUS.

3-4. SETTING MAGAZINE

1. Place the magazine into the magazine well.
2. Push the magazine up until clicks into the locked position.
3. Pull the magazine done to assure that it has been locked in place.



CAUTION:

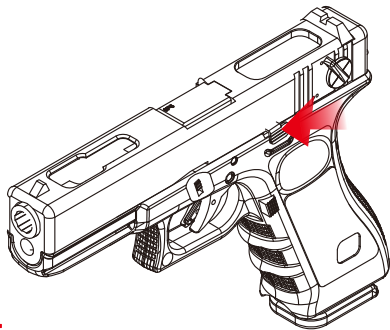
ALWAYS POINT THE BARREL IN A SAFE DIRECTION.

● Load & Firing

● Disassembly

3-5. CLICK

1. Pull back the slide with free hand and lock slide.
2. Press slide stop lever and allow slide to move forward.
3. The finger of the shooting hand remains outside the trigger guard.
4. The pistol is now secured and ready to fire.
5. After the last round of fire, the slide will be lock.

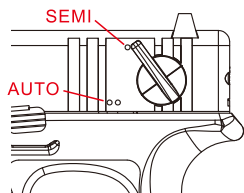


CAUTION:

GAS BLOW BACK PISTOL HAVE HEAVY RECOIL,
PLEASE GRASPED THE PISTOL.

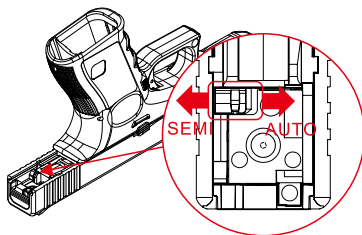
3-6. SEMI & AUTO FIRING

Select firing mode by push the firing selector:



G18C

Up for semi-auto, Down for full-auto.

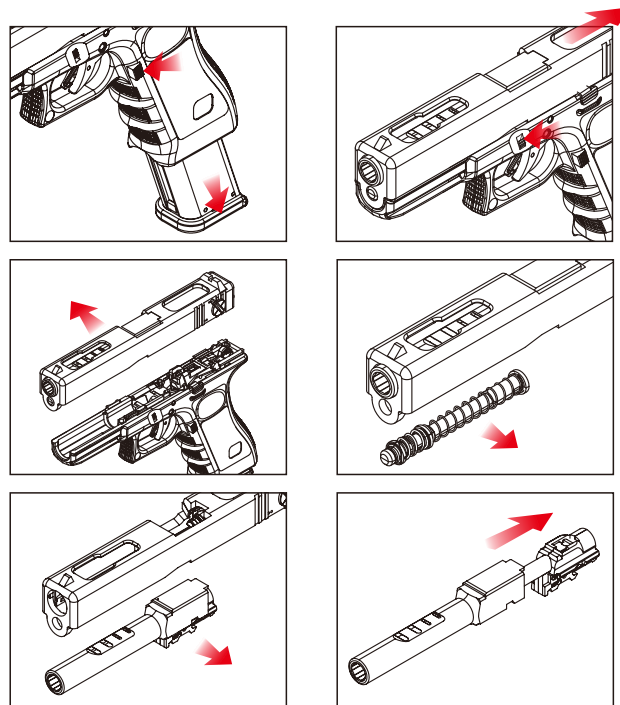


G19

Lock the slide and move the device to switch
Semi / Auto mode.

4-1. DISASSEMBLY

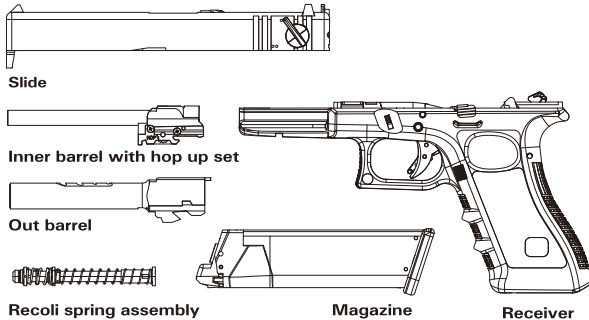
1. Press the magazine catch to remove the magazine.
2. Pull back the slide and allow the slide to spring forwards.
3. Pull down the Slide lock and push the slide forwards and separate slide from the receiver.
4. Take the recoil spring assembly out of slide.
5. Push the barrel set forwards, raise it and pull the barrel set backwards out of slide.
6. Pull the inner barrel set out of out barrel



● Disassembly & Cleaning

● Variable Hop-UP System

4-2. MAIN COMPONENT



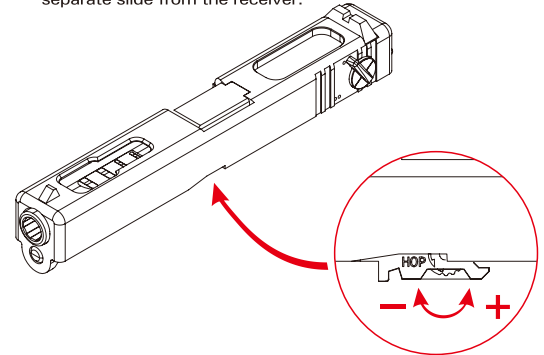
4-3. CLEANING

1. Receiver:
Apply gear grease over all faces contact with slide assembly.
Spray high viscosity silicone oil on the hammer set if encounter a sluggish hammer movement.
Use the high viscosity silicone oil to lubricate all rubber contact area.
2. Slide:
Apply gear grease over all faces contact with frame assembly's metal parts.

Spray high viscosity silicone oil inside the piston.
You could do it by pulling piston forward, and spray some into the internal space.
3. Magazine:
Use the high viscosity silicone oil to lubricate all rubber contact area.
4. Barrel & HOP UP system:
Spray silicone oil to the chamber for 0.5 to 1 sec and
Use patch holder to clean the inner barrel.

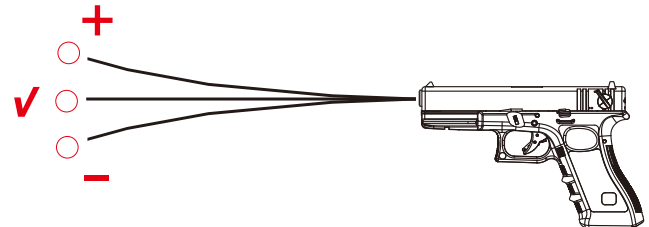
5-1. HOP-UP SYSTEM

1. Pull back the slide and allow the slide to spring forwards.
2. Pull down the slide lock and push the slide forwards and separate slide from the receiver.



5-2. ADJUST THE HOP-UP

1. Turn the adjustment to backwards to give bullets more hop up.
2. Turn the adjustment to forwards to give bullets less hop up.

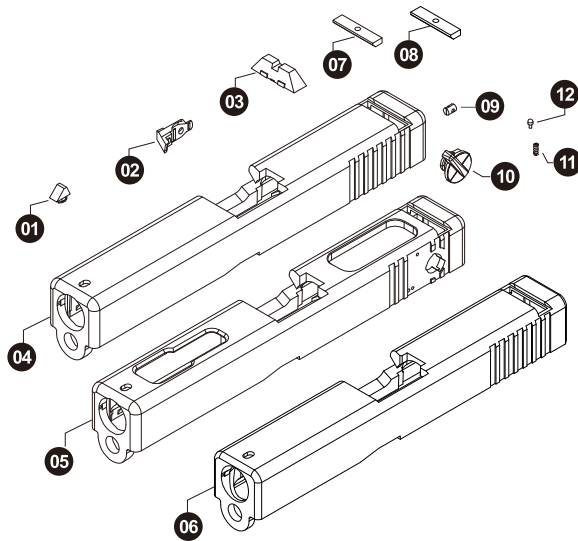


IF YOU HAVE OTHER STATES, PLEASE CONTACT WITH YOUR DEALER
OR VISIT OUR WEBSITE [HTTP://WWW.STARK-ARMS.COM](http://www.stark-arms.com)

Parts List

S-SERIES S17/S18C/S19

6mm Gas Blow Back Pistol

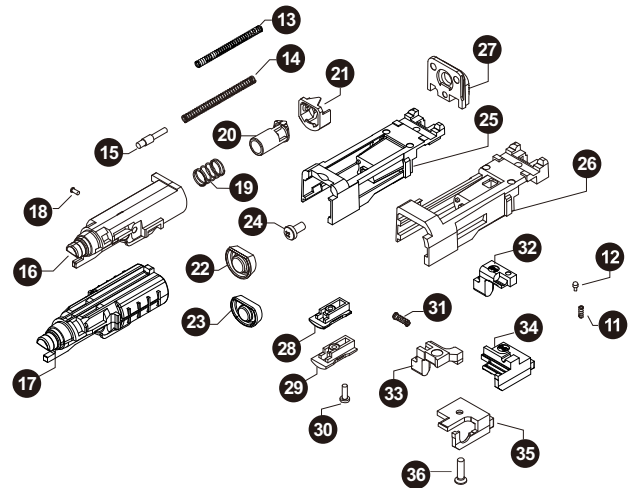


- 01 Front Sight
- 02 Fake extractor
- 03 Rear Sight
- 04 S17 Slide
- 05 S18 Slide
- 06 S19 Slide

- 07 Piston base fixer for S17/18
- 08 Piston base fixer for S19
- 09 Fake selector pin for S18
- 10 Fire selector for S18
- 11 Selector plunger spring
- 12 Selector plunger

- 13 Load nozzle spring for S17/19
- 14 Load nozzle spring for S18
- 15 Load nozzle spring rod for S18
- 16 Load nozzle for S18
- 17 Load nozzle for S17/19
- 18 Load nozzle screw
- 19 Gas control spring
- 20 Gas control valve
- 21 Gas control valve base
- 22 Piston head for S17/19
- 23 Piston head for S18

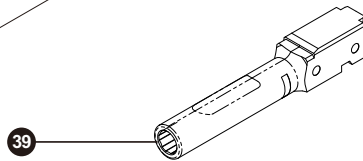
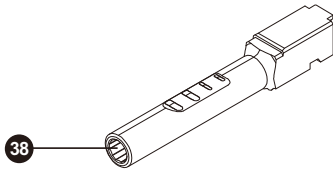
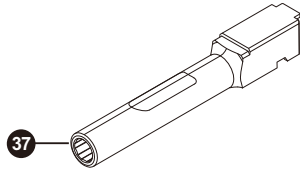
- 24 Piston head screw
- 25 Piston base for S17/19
- 26 Piston base for S18
- 27 Slide cover plates
- 28 Piston part for S17/19
- 29 Piston part for S18
- 30 Piston part screw
- 31 Selector base spring for S18
- 32 Fire selector for S17/19
- 33 Selector base for S18
- 34 Selector base cover for S17/19
- 35 Selector base cover for S18
- 36 Selector base screw



● Parts List

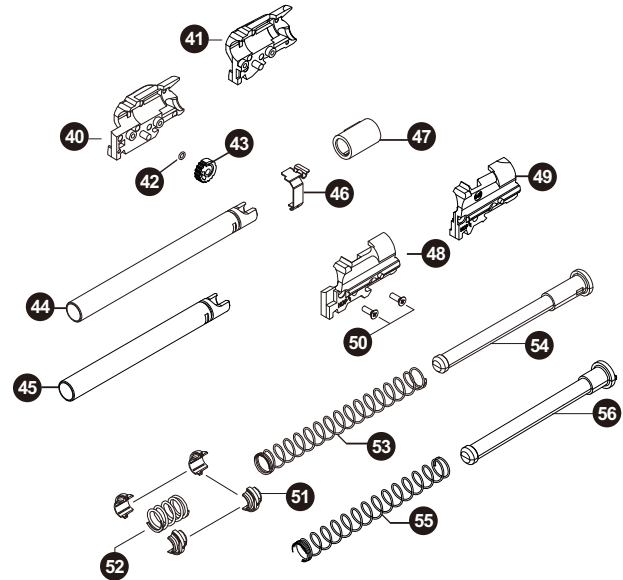
S-SERIES S17/S18C/S19

6mm Gas Blow Back Pistol



- 37 Outer barrel for S17
- 38 Outer barrel for S18
- 39 Outer barrel for S19

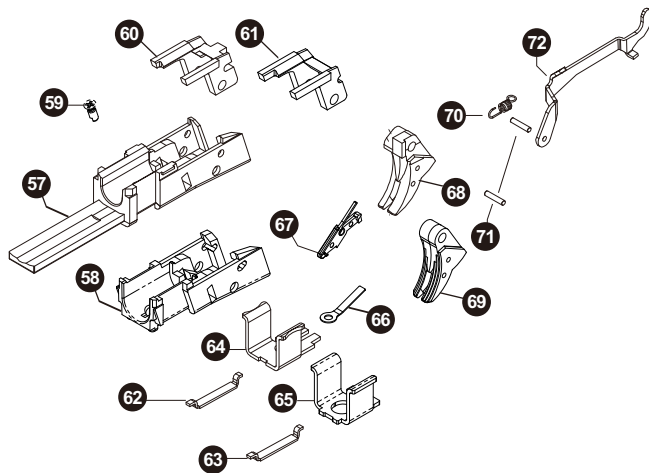
- 40 Chamber cover (right) for S17/18
- 41 Chamber cover (right) for S19
- 42 O-ring
- 43 Hop up adjust dial
- 44 Inner barrel for S17/18
- 45 Inner barrel for S19
- 46 Hop up lever
- 47 Hop up Rubber
- 48 Chamber cover (left) for S17/18
- 49 Chamber cover (left) for S19
- 50 Chamber cover screw
- 51 Recoil plug
- 52 Recoil spring(A)
- 53 Recoil spring for S17/18
- 54 Recoil guide for S17/18
- 55 Recoil spring for S19
- 56 Recoil guide for S19



Parts List

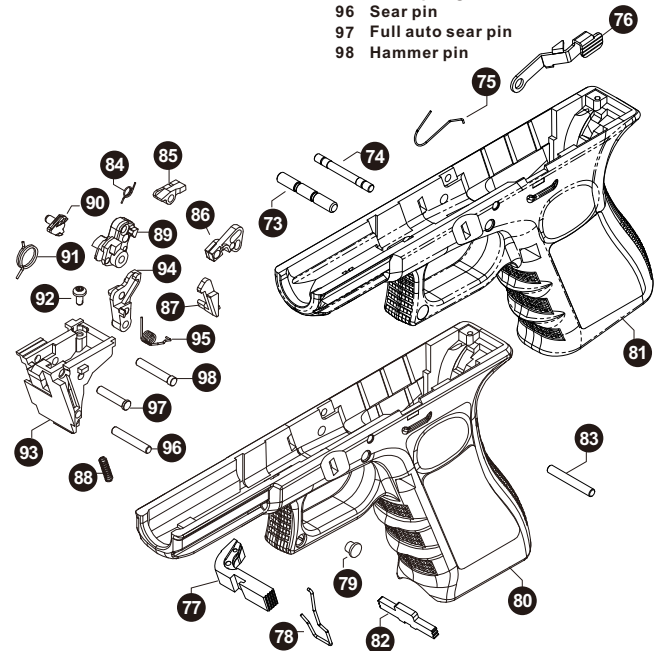
S-SERIES S17/S18C/S19

6mm Gas Blow Back Pistol

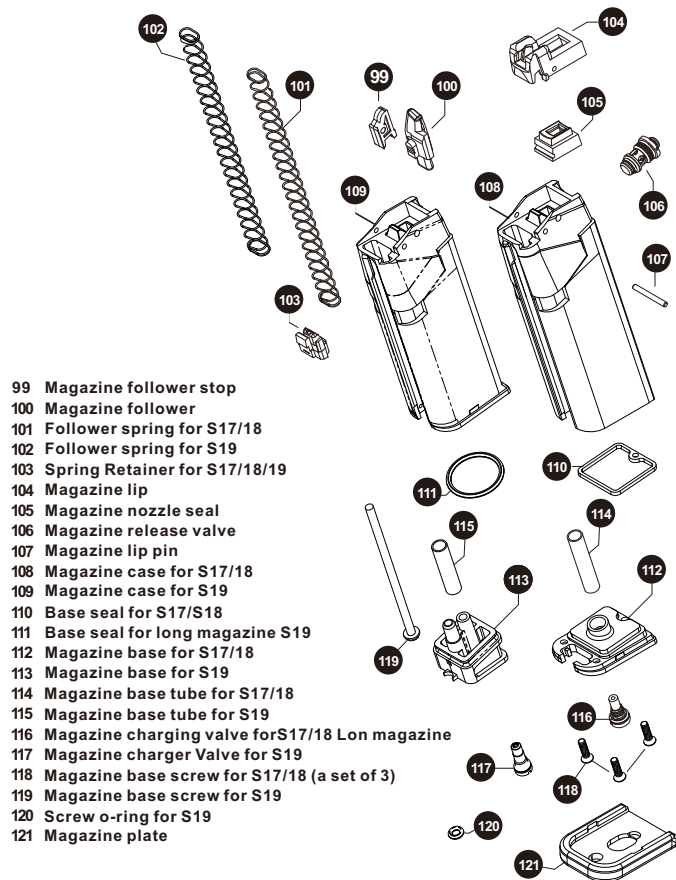


- 57 Inner frame for S17/18
- 58 Inner frame for S19
- 59 Inner frame screw
- 60 Lock block for S17/18
- 61 Lock block for S19
- 62 Series NO. base for S17
- 63 Series NO. base for S18
- 64 Slide rail for S17/18
- 65 Slide rail for S19
- 66 Slide lock spring
- 67 Trigger safety
- 68 Trigger for S17/18
- 69 Trigger for S19
- 70 Trigger spring
- 71 Trigger pin
- 72 Trigger bar

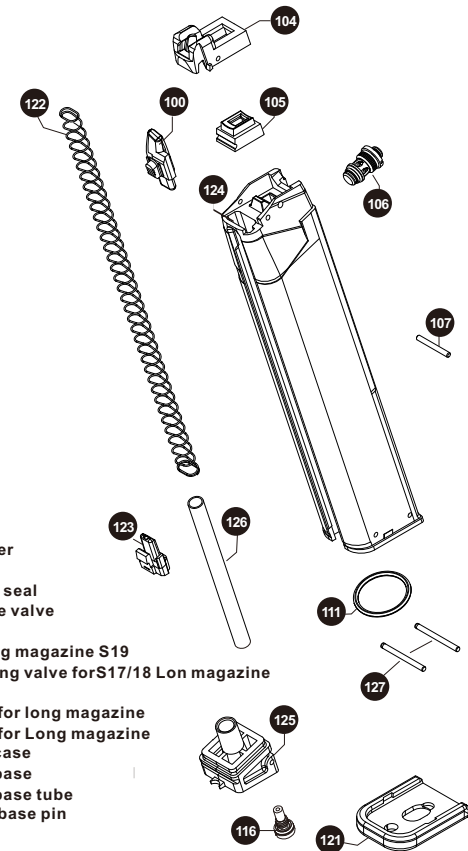
- 73 Frame pin
- 74 Lock block pin
- 75 Slide stop spring
- 76 Slide stop
- 77 Magazine catch
- 78 Magazing catch spring
- 79 Trigger guard plug
- 80 Farme for S17/18
- 81 Farme for S19
- 82 Slide lock
- 83 Trigger housing pin
- 84 Full auto sear spring
- 85 Full auto sear
- 86 Knocker
- 87 Knocker lock
- 88 Knocker lock spring
- 89 Hammer
- 90 Hammer roller
- 91 Hammer spring
- 92 Trigger housing screw
- 93 Trigger housing
- 94 Sear
- 95 Sear spring
- 96 Sear pin
- 97 Full auto sear pin
- 98 Hammer pin



OPTIONAL PARTS



- 99 Magazine case for S17/18
- 100 Magazine follower
- 101 Follower spring for S17/18
- 102 Follower spring for S19
- 103 Spring Retainer for S17/18/19
- 104 Magazine lip
- 105 Magazine nozzle seal
- 106 Magazine release valve
- 107 Magazine lip pin
- 108 Magazine case for S17/18
- 109 Magazine case for S19
- 110 Base seal for S17/S18
- 111 Base seal for long magazine S19
- 112 Magazine base for S17/18
- 113 Magazine base for S19
- 114 Magazine base tube for S17/18
- 115 Magazine base tube for S19
- 116 Magazine charging valve for S17/18 Lon magazine
- 117 Magazine charger Valve for S19
- 118 Magazine base screw for S17/18 (a set of 3)
- 119 Magazine base screw for S19
- 120 Screw o-ring for S19
- 121 Magazine plate



- 100 Magazine follower
- 104 Magazine lip
- 105 Magazine nozzle seal
- 106 Magazine release valve
- 107 Magazine lip pin
- 111 Base seal for long magazine S19
- 116 Magazine charging valve for S17/18 Lon magazine
- 121 Magazine plate
- 122 Follower spring for long magazine
- 123 Spring Retainer for Long magazine
- 124 Long magazine case
- 125 Long magazine base
- 126 Long magazine base tube
- 127 Long magazine base pin