

USE AND MAINTENANCE MANUAL

Striker Fired Semiautomatic Pistol - REVO ARMS IS-9 (Cal. 9x19mm)

REVISION 1-2026

ATALY

1. INTRODUCTION AND SAFETY RULES

This manual provides essential instructions for safe operation, field stripping, and routine maintenance of the Revo Arms IS-9 semiautomatic pistol chambered in 9x19mm Parabellum/Luger. Designed with an innovative polymer frame, an ultra-low bore axis, and a striker-fired action system, the IS-9 requires thorough familiarization with its operational characteristics prior to use.

⚠ FUNDAMENTAL HANDGUN SAFETY RULES

1. ALWAYS treat every firearm as if it were loaded and ready to fire.
2. NEVER point the muzzle at anything or anyone you do not intend to engage.
3. Keep your index finger OFF the trigger and extended straight along the frame until your sights are on the target.
4. Be absolutely sure of your target, your line of fire, and the surrounding area.
5. NEVER rely solely on mechanical safeties; proper gun handling is your primary safety mechanism.

2. HANDLING AND OPERATION

2.1 Loading the Magazine

The IS-9 uses Glock-type double-stack magazines. Insert cartridges one by one by pressing the follower down and sliding each round backward under the magazine lips.

2.2 Chambering and Cocking

Insert the fully loaded magazine into the grip magwell until the magazine catch clicks securely into place. Pull the slide fully to the rear and release it sharply forward. The slide will strip a round from the magazine, chamber it, and cock the internal striker.

2.3 Triple Mechanical Safety System

The Revo Arms IS-9 incorporates three integrated automatic safety systems:

- **Trigger Safety (not included on Ergal trigger variants):** An integrated lever within the trigger shoe prevents accidental rearward movement unless pressed centrally by the shooter's finger.
- **Grip Safety (Backstrap Safety):** Located on the rear of the grip, it unlocks the trigger mechanism only when the firearm is firmly held.
- **Automatic Striker Safety:** An internal block prevents the striker from advancing toward the primer until the trigger is pulled completely to the rear.

3. SAFETY PROCEDURE AND UNLOADING INSPECTION

Always execute the following sequence before performing any cleaning, disassembly, or storing operations:

- **STEP 1: Magazine Disengagement** — Press the magazine release button and remove the magazine from the frame.
- **STEP 2: Retract Slide** — Pointing the muzzle in a safe direction, pull the slide firmly to the rear to eject any live cartridge that may be in the chamber.
- **STEP 3: Lock Slide Open** — Push up on the slide stop lever and ease the slide back until it locks open.
- **STEP 4: Visual and Physical Inspection** — Visually inspect and physically insert a finger into the chamber and magazine well to confirm that no cartridge remains in the firearm.

4. FIELD STRIPPING

Field stripping allows access to the main assemblies for standard cleaning routines without the need for special tools.

Step 1: Perform the safety verification procedure to ensure the firearm is UNLOADED and free of any magazine.

Step 2: With the slide locked open, press the disassembly latch pin from the right side.

Step 3: Rotate the latch on the left side counterclockwise by 135° (until the reference line on the latch aligns with the mark on the frame).

Step 4: Pull out the latch until you hear/feel an audible "click".

Step 5: Retract the slide slightly (approx. 2–3 mm) and guide it forward into the closed position.

Step 6: Point the firearm in a safe direction and press the trigger to decock the striker.

Step 7: move the slide forward off the frame, holding the barrel and slide together with your thumb and index finger from the top.

Step 8: Remove the barrel by lifting it from the rear and pulling it out diagonally from the slide. (Note: For 4.8" barrel variants, the thread protector must be removed first).

Step 9: Press down on the rear slide cover (backplate) and slide it off.

Step 10: Remove the firing pin with its socket

Step 11: Without the firing pin, pull out the striker safety block together with its spring.

Step 12: (Optional / Non-routine): Using the rear pin of the firing pin, depress the extractor pin; while holding it depressed, slide the extractor forward and out. (Keep a finger over the extractor's outer protrusion near the ejection port to prevent losing the spring).

5. REASSEMBLY

Step 1: Insert the firing pin safety block and its spring into its housing within the slide.

Step 2: Insert the firing pin, press the firing pin safety with your finger and insert its socket

Step 3: holding down the socket, insert the rear cover until it fits perfectly into its housing (it must be aligned with the rear face of the gun slide)

Step 4: Insert the recoil guide spring rod into the shock buffer hole, ensuring the stainless steel washer faces toward the muzzle.

Step 5: Place the barrel into the slide, holding it securely with your thumb and index finger from the top of the slide.

Step 6: Insert the slide and barrel into the front guides of the chassis and then slide it to the rear guides

⚠ CAUTION / TROUBLESHOOTING REASSEMBLY

If the slide does not move completely into position, the recoil spring rod is not perfectly aligned with the front slide hole. Move the slide gently back and forth until they align, or use a pin punch through the front opening to align the guide rod.

- Step 7:** Pull the slide back fully and lock it open using the slide stop lever.
- Step 8:** Push the disassembly latch pin in firmly from the left side against the frame.
- Step 9:** Rotate the latch clockwise 135° into the horizontal locked position.
- Step 10:** Press the latch fully flush into its housing.
- Step 11:** Release the slide by pushing down on the slide stop lever.

6. ROUTINE CLEANING AND MAINTENANCE

6.1 Cleaning Components

- Multiradial Barrel:** Clean the bore with a soft or bronze brush soaked in gun cleaning solvent, always scrubbing from the chamber end toward the muzzle. Dry thoroughly with cotton patches.
- Frame:** Clean the steel chassis guide rails using a nylon brush.
- Slide:** Brush the bolt face, guide grooves, and extractor recess with a nylon brush to remove carbon buildup. Clean the firing pin hole using a small bore brush or a patch wrapped around a 3mm rod, then blow out with compressed air.

⚠ WARNING

Keep the firing pin hole strictly DRY. Never oil the hole, as oil attracts residue and leads to carbon buildup, causing light strikes or misfires.

6.2 Lubrication Points

- The IS-9 requires minimal lubrication. Apply ONE DROP ONLY of quality gun oil to the following points:
1. On each of the four chassis rails on the frame.
 2. On the exterior of the barrel (slide friction contact areas and locking block).
 3. On the inside top surface of the slide where the barrel rubs, and around the front slide hole where the barrel slides.

7. TROUBLESHOOTING

Malfunction	Probable Cause	Corrective Action
Failure to Feed (FTF)	• Magazine not fully seated/latched • Bent or dirty magazine feed lips • Weak grip ("Limp wristing")	• Firmly seat magazine until lock clicks • Clean or replace Glock-compatible magazine • Maintain a firm, solid grip during firing
Failure to Extract (FTE)	• Excessively dirty chamber • Damaged or fouled extractor	• Clean chamber thoroughly with solvent • Clean extractor seat and recess with brush
Failure to Fire (Light Strike)	• Firing pin hole flooded with oil/dirt • Defective ammunition primer	• Disassemble slide and clean and dry firing pin hole • Keep pointed in safe direction for 30s, then cycle round out
Failure to Lock Slide on Empty Magazine	• Shooter's thumb riding on slide stop lever • Worn magazine follower/spring • Poorly positioned shock buffer	• Adjust grip to clear slide stop lever • Inspect/replace magazine spring and follower • Fit the shock buffer perfectly into its seat