



/// FDP™

**CARBINE & PISTOL
VARIANTS**

⚠ WARNING This product can expose the user to chemicals including lead, which is known to the State of California to cause cancer and other reproductive harm.

For more information, go to: www.P65Warnings.ca.gov

If you notice an issue, contact ZEV® immediately.

1-805-486-5800

We pride ourselves on our customer service and want to ensure you're happy with your purchase.



U.S. Patent Pending

magpul.com/intellectual-property

2120 Northpark Drive, Centralia WA 98531 USA

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ZEV Technologies claims trademark rights in all of its product names and logos.

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LIMITED WARRANTY

FOR OWNERS WITHIN THE UNITED STATES ONLY

This Limited Warranty is granted by **ZEV TECHNOLOGIES® (“ZEV”)**.

This Limited Warranty applies only to the original owner of the firearm based on proper registration and other preconditions identified below. This Limited Warranty is not transferable. This Limited Warranty supersedes any and all other warranties from ZEV. ZEV specifically disclaims any implied or express warranties other than those stated herein to the fullest extent permitted by law, including the implied warranties of merchantability, non-infringement and fitness for a particular purpose. To the extent any warranties cannot be disclaimed under applicable law, such warranties are hereby limited to the three (3) year duration of this Limited Warranty.

ZEV firearms are warranted to be free from defects in material and workmanship under normal conditions of use for a duration of three (3) years from the date of purchase by the original owner provided all preconditions are met. This Limited Warranty is limited to the possible repair or replacement of the firearm or any original part or component determined by ZEV to be defective within a reasonable time after written notification and delivery of the firearm to ZEV as provided below.

As a precondition, you must activate this Limited Warranty by registering your purchase at **zevtechnologies.com/registration** within 30 days of purchase. You will need the firearm and sales receipt to complete this registration. If you do not register for the Limited Warranty within 30 days of purchase, ZEV reserves the right to deny any warranty claim.

To submit a claim, contact customer service at **cs@zevtech.com** or **1-805-486-5800**. It is always important that the owner comply with all applicable federal, state and local laws and regulations. Limited Warranty claims should state the model and serial number of the firearm concerned and the description of the difficulty experienced. It is recommended that shipments be insured by the owner, since ZEV will accept no responsibility for loss or damage in transit. Transportation and insurance charges for return to owner will be paid by ZEV if the claim is covered by the Limited Warranty.

WARNING: Using a firearm that is malfunctioning for any reason can result in serious injury or death. Contact ZEV immediately if you suspect a problem with the firearm. If you suspect a problem with your firearm, do not use the firearm and contact ZEV immediately.

LIMITED WARRANTY

Under no circumstances shall ZEV be responsible for incidental or consequential damages with respect to economic loss, injury, death, or property damage, whether as a result of breach of warranty, negligence, or otherwise.

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

ZEV is not responsible for:

- Defects or malfunctions resulting from careless handling, unauthorized adjustments, alterations, or modifications made or attempted by anyone other than a qualified gunsmith following ZEV authorized procedures, or failure to follow the disassembly instructions in the ZEV manual.
- Use of parts not manufactured or sold by ZEV for the particular firearm.
- Use of defective, hand-loaded, remanufactured, or improper ammunition.
- Damage due to corrosion, neglect, abuse, ordinary wear and tear, or unreasonable use.
- Criminal misuse, negligence, or use under the influence of drugs or alcohol.

ZEV alone shall determine whether the use of the product causing damage is normal, and covered by this Limited Warranty, or abnormal, and not covered by the Limited Warranty. ZEV alone shall determine whether the damage sustained to the firearm is normal and covered by this Limited Warranty or is abnormal and is not covered by this Limited Warranty.

This Limited Warranty gives you specific legal rights. You may also have other rights that vary from state to state. If you are experiencing a problem with your firearm after the Limited Warranty has expired or not in effect for any reason, immediately stop using the firearm, make sure it is unloaded, and contact ZEV's customer support or take your firearm to a qualified gunsmith.

⚠ WARNING: Using a firearm that is malfunctioning for any reason can result in serious injury or death.

If you need to ship your FDP back to ZEV Technologies for any reason, please contact customer at 1-805-486-5800 or info@zevtech.com

ZEV TECHNOLOGIES

2120 Northpark Drive
Centralia, WA 98531

Do not ship your FDP without a return authorization.

CHAPTER 1



SAFETY

SAFETY

⚠ WARNING: Read this manual carefully before loading or using your FDP.

This manual is intended to explain the function and the handling of your FDP and warns of the potential dangers, including death and serious personal injury if used improperly or modified. This manual must accompany your FDP should it be transferred, sold, or loaned to another person.

PLEASE READ THIS ENTIRE MANUAL CAREFULLY before loading or firing your FDP. If you are unfamiliar with semi-automatic pistols, ZEV recommends you take a firearm safety course run by a qualified firearms instructor.

⚠ = IMPORTANT SAFETY WARNINGS:

⚠ WARNING

Could result in **death** or serious personal injury if ignored.

⚠ CAUTION

Could result in moderate or minor personal injury if ignored.

**Additional warnings may be included inside these boxes as necessary*

⚠ WARNING: Ignoring or failing to follow the information in this manual could result in DEATH, serious personal injury and/or property damage.

⚠ WARNING: The FDP is designed with a manual safety. All standard firearm safety rules apply. It is considered to be loaded at all times, until you have confirmed the chamber is completely empty. You must visually and physically (with your finger) check the chamber before use.

⚠ WARNING: Drugs, alcohol, prescription medications, and other substances can affect your judgment. Do not in any circumstances handle or use your firearm while under the influence of any of the foregoing

⚠ WARNING: To store your FDP, first unload it as described in Chapter 6. Once you have ensured it is unloaded, place it in a suitable locked container.

⚠ WARNING: Always store and transport your FDP unloaded and in a locked container inaccessible to children and other unauthorized persons.

⚠ WARNING: Never store or transport your FDP in the same container as your ammunition.

⚠ CAUTION: Most ammunition contains lead. Only shoot in well-ventilated areas to reduce lead exposure. Always wash your hands after handling ammunition, firing, and/or performing maintenance.

FEATURES



FEATURES

⚠ WARNING Never solely rely on a safety or indicator to avoid an accidental discharge. Always visually and physically check the chamber to determine if the firearm is loaded. Always keep the muzzle of the firearm pointed in a safe direction.

⚠ WARNING If the trigger appears to be in the forward position, your FDP may be loaded.

⚠ WARNING Do not drop, alter, or modify your FDP.

The photographs and drawings in this manual reference the ZEV / Magpul® Folding Defensive Platform. The part numbers referenced in parentheses throughout this manual correspond to the list of component parts and exploded drawing on [PAGE 46](#).

FRAME

The internal frame (1) runs the length of the entire pistol allowing the locking block to be fully integrated. The receiver is balanced to provide a more controllable weapon system with less felt recoil, less muzzle flip and faster target acquisition. Extended rails in the frame provide more than double the surface area of contact to the slide. Design features include channels that clear out debris while also acting as lubricating reservoirs for high friction areas.

SLIDE

The stainless steel slide (16) is machined from a single billet of 17-4 stainless steel with tight tolerances for increased consistency in barrel lockup which improves accuracy. The slide utilizes our hybrid design resulting in a smoother trigger pull and a more user friendly recoil assembly.

MANUAL SAFETY

The FDP features a manual safety (14) that can be engaged and disengaged from the left hand side of the firearm. When engaged, the firearm will not fire when the trigger is pulled.

BARREL

The ZEV match grade drop-in barrel (39) features extremely tight tolerances and is manufactured with pre-hardened chromium stainless steel (416R) that was originally created for use in match grade rifle barrels. This material provides high tensile strength and toughness to withstand typical chamber pressures, while being highly corrosion resistant.

ZEV match grade barrel bores are some of the most precise in the industry. Every barrel is double honed (rough and finish) until a minimum surface finish of 16 RA is reached. The barrels are 100% inspected for groove dimensions and finish.

FEATURES

UNFOLDING THE FDP

Press the ambidextrous charging handle lever (44) towards the rear. **A** Completely unfold the FDP. **B** Ensure the pistol grip and buttstock have snapped into place. **C**



FOLDING THE FDP

Locate the two release points located on the top of the buttstock and the back of the pistol grip. **D, E** Press both individually to move the respective parts out of the locked position. **F** Once both pieces are unlocked, the buttstock will fold over the pistol grip and lock into the folded configuration. **G**



FEATURES

ZEV PRO TRIGGER SYSTEM

ZEV's revolutionary pro trigger system provides a consistent trigger pull from the first to the last round. With both an automatic internal safety and a manual thumb safety working together, this safe, simple, and fast system allows the user to concentrate fully on tactical tasks, particularly while under stress.

FIRING PIN SAFETY

The firing pin safety (26) blocks the striker (17) from traveling and striking the primer. As the trigger (6) is pulled back, the trigger bar pushes the firing pin safety up and frees the striker channel. If the user decides not to fire and releases the trigger, the firing pin safety automatically returns to its safe position.

The FDP has passed industry drop testing standards.

 **WARNING** Exposure to unusual and extreme conditions can cause part failures. Upon detection of part failure, you must contact ZEV Technologies, or take your FDP pistol to a qualified gunsmith.

FEATURES

LOADED CHAMBER INDICATOR

The extractor (25) serves as an indicator to comply with certain state laws. Its position may indicate whether there is a cartridge in the chamber of the FDP.

When the chamber is empty, the extractor is depressed. When the chamber is loaded the extractor visibly protrudes from the slide.

⚠ WARNING When the indicator is flush with the slide, a cartridge may be in the chamber.



DISASSEMBLY



DISASSEMBLY

 **WARNING** Ensure your FDP is UNLOADED before proceeding with any disassembly procedure. Ensure there is no magazine inserted, and confirm both visually and tactilely that the chamber is empty.

 **WARNING** Wear safety glasses when assembling or disassembling your FDP.

DISASSEMBLY

To field strip (disassemble) your FDP for cleaning, follow the instructions below. To ensure that your FDP is unloaded, **disassembly MUST be performed in this order.**

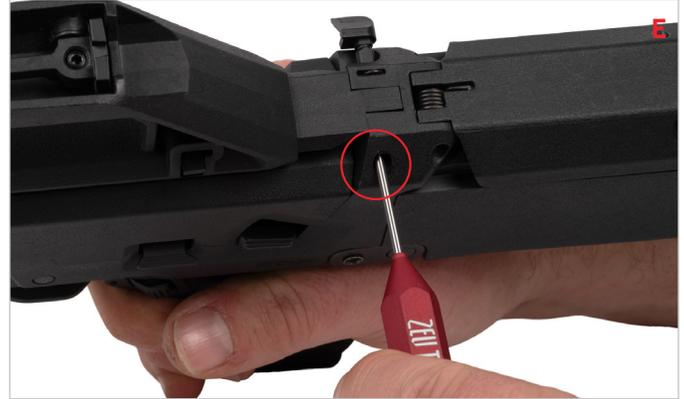
1. Remove the magazine by pressing the magazine release (46). **A**
2. While holding the grip with your firing hand, with your finger off of the trigger and outside the trigger guard, grasp the charging handle (44) with your other hand and pull the charging handle fully back to eject any cartridge that may be in the chamber. **B**
3. Once the slide is locked to the rear, visually and physically (with your finger) inspect both the chamber and the magazine well of the pistol to be sure that no ammunition remains in either place. **C**
4. Release slide to forward position by pushing the slide release lever (12). **D**



DISASSEMBLY

5. Press the rear takedown pin (37) through the housing until the top cover is released (42). **E**
Remove the top cover. **F**
6. With the muzzle of your FDP pointed in a safe direction (a safe direction is one in which no one can possibly be injured and property damage would be minimal in the event of an unintentional discharge), pull the trigger (6). *The trigger must be in the rearmost position to remove the slide.* **G**
7. Grasp the rear of the slide with your firing hand. Using your fingers, retract and hold the slide about 1/8 in. (3mm). **H**

With your support hand, pull down evenly on both sides of the slide lock lever (10). **H**
Pulling the slide too far back resets the trigger to the forward position. If this happens, pull the trigger again while keeping the muzzle of your FDP pointed in a safe direction).



DISASSEMBLY

8. While holding the slide lock lever down, push the slide forward off the frame (1). **J**
9. Remove the recoil spring assembly (31) by pressing up and out. **K**
10. Remove the barrel (39) by grasping the locking cams and pressing up and out. **L**



REASSEMBLY



REASSEMBLY

BARREL & SLIDE REASSEMBLY

1. Hold the slide (16) upside down. Insert the barrel (39) into the slide **A** by pushing it down and in. **B**
2. Insert the recoil spring (31) and guide rod (29) into the slide by placing the small end in the indentation in the front of the slide. **C** Press the other end to compress the spring. Push down until the large end of the spring/guide rod rests in the second (semi-circular) notch on the back of the barrel. **D**

 **WARNING**



REASSEMBLY

SLIDE INSTALLATION:

1. Place the assembled slide on top of the receiver (1) in front of the slide rails. Push the slide towards the back of the receiver until the slide lock lever (10) snaps up to lock the slide into place. **A**

TOP COVER INSTALLATION:

1. Insert the cover dovetail into the bottom housing dovetail. **B**
2. Push the rear of the cover into the rear of the bottom housing until fully seated. **C**
3. Push the rear takedown pin through the rear of the housing assembly to engage both the top and bottom cover. **D**



REASSEMBLY

After reassembling, ensure the FDP is working properly by performing the following steps:

TRIGGER RESET TEST:

1. With the muzzle of your FDP pointed in a safe direction, pull and hold the trigger to the rear. **A** You should hear and feel the striker release.
2. While continuing to hold the trigger to the rear, pull the slide to the rear and release it. **B** Now release the trigger. **C** The trigger should reset to its forward position.
3. Repeat the trigger reset test several times. **D**



REASSEMBLY

Slide Lock Lever LEVER-OPEN TEST:

1. Insert an **EMPTY** magazine into your FDP (**NO AMMUNITION**). **A**
2. Pull the slide fully to the rear. **B** The slide should remain open. Repeat the slide lock lever lever-open test using each of your EMPTY magazines.



CHAPTER 5

LOADING



LOADING

⚠ WARNING Only use ammunition that meets SAAMI, CIP or NATO standards. Death, serious personal injury, and/or property damage could occur if other ammunition is used. Only use high quality commercially manufactured ammunition in the proper caliber as designated on your FDP.

⚠ WARNING Keep the muzzle of your FDP pointed in a safe direction while performing the following steps. A safe direction is one in which no one can possibly be injured and property damage would be minimal in the event of an unintentional discharge.

⚠ WARNING ZEV does not recommend carrying or stowing your FDP with a loaded chamber.

⚠ CAUTION BEFORE firing your FDP, run a cleaning patch through the barrel from the chamber end using the cleaning rod. Repeat this procedure until the patch comes out of the barrel with no gun oil or cleaner-lubricant-preservative. Obstructions, including residual oils, can prevent the FDP from firing properly.

LOADING

To load the magazine follow these steps:

1. Press each cartridge into the magazine from the front — with the cartridge bottom first — against the force of the magazine spring, then slide the cartridge to the rear of the magazine. **A**
2. Insert the magazine into the magazine well **B** until the magazine release (46) locks into place. **C**

 **WARNING**



LOADING

If the slide is locked in the rearward (open) position, either:

1. Depress the slide lock lever (10) to release the slide and return it to the forward position. **D**
2. Grasp the charging handle (44) with your other hand, pull the charging handle, and release it, allowing it to return to the forward position. **E**

The pistol is now loaded and ready to be fired.

 **WARNING**



UNLOADING



UNLOADING

UNLOADING THE FDP

Steps MUST be followed in this order.

1. Remove the magazine by pressing the magazine release (46). **A**
1. While holding the grip with your firing hand, with your finger off of the trigger (6) at all times and outside of the trigger guard, pull the charging handle (44) fully back to eject any cartridge that may be in the chamber. **B**
1. Lock the slide in the rearward (open) position by pushing up on the slide lock lever (10) and slowly releasing the handle until it locks open.
2. Once the slide is locked to the rear, visually and physically (with your finger) inspect both the chamber and the magazine of the pistol to be sure that no ammunition remains.
3. Release the slide to return it to the forward (closed) position by either pressing the slide lock lever down or grasping the rear of the slide with your other hand and pulling the slide fully back and then releasing it.
4. With the muzzle of your FDP pointed in a safe direction (a safe direction is one in which no one can possibly be injured and property damage would be minimal in the event of an unintentional discharge), pull the trigger. **C**



FIRING



FIRING

⚠ WARNING Always ensure the barrel of your FDP is clear. Any obstruction in the barrel could prevent the FDP from firing properly and result in death or serious personal injury and/or damage to the FDP.

⚠ WARNING In the event of a failure to fire, continue to hold your FDP pointed towards the target for at least 30 seconds. If a hang-fire (slow ignition) has occurred, the cartridge should fire within approximately 30 seconds. If the cartridge has not fired, (with the FDP pointed in a safe direction) remove the magazine, eject the cartridge from the chamber and examine its primer. If the Striker indentation is light, off-center, or nonexistent, stop using your FDP and have it examined by a ZEV-Certified Gunsmith. If the Striker indentation on the primer appears normal (compared to similar previously fired cartridges) the cartridge may be defective. Separate the cartridge from other live ammunition and empty cases, reload your FDP and resume firing. Dispose of misfired cartridges in accordance with the ammunition manufacturer's instructions.

⚠ WARNING Do not continue to use your FDP if it fails to function properly. Never force the slide closed on a jammed cartridge — it could cause the cartridge to explode or discharge.

⚠ WARNING Never pull the trigger if the slide does not fully close to prevent a possible out-of-battery firing. If this happens, clear the pistol as described in Chapter 7, examine the round that was in the chamber, and check the chamber to ensure that there is no obstruction or debris.

⚠ WARNING Always wear safety glasses and ear protection when firing your FDP.

⚠ WARNING Before firing, always ensure your target area and backstop is adequate to stop and contain bullets. Bullets may ricochet in any direction, striking you or someone else, or cause damage to property.

⚠ WARNING Never shoot at hard surfaces, such as rock, or a liquid surfaces, such as water. Bullets may ricochet in any direction, striking you or someone else or cause damage to property.

⚠ WARNING Always ensure a responsible and competent person is in charge to maintain safety, discipline, and control when a group is firing at a range to reduce the likelihood of a negligent discharge.

FIRING

⚠ CAUTION Always have your FDP unloaded and locked open in the rearward position using the slide lock lever until ready to fire.

⚠ CAUTION Always keep the FDP pointed downrange towards the backstop when loading, firing, and unloading.

⚠ CAUTION Always keep yourself and others clear of the ejection port. Cartridges are hot and ejected with enough force to cause injury. Never touch the slide or barrel immediately after firing because they could cause burns.

⚠ CAUTION Unless you are checking to ensure your FDP is empty, never place your fingers in the ejection port because they could be injured by the movement of the slide.

⚠ CAUTION Never fire your FDP near an animal unless it is accustomed to the noise. An animal's startled reaction could injure it, or cause injury to you or someone else.

When the pistol is loaded with a cartridge in the chamber, it can be fired by simply pulling the trigger (6) fully to the rear. **A**

After firing the last cartridge in the magazine, the slide (16) will remain locked open in the rearward position. **B**

When firing without a magazine inserted, the slide will **not** lock open in the rearward position after firing.



CLEARING MALFUNCTIONS



CLEARING MALFUNCTIONS

⚠ WARNING If an unfired cartridge jams or binds while being chambered, do not attempt to force it by pushing or striking the slide. Such actions could cause the cartridge to explode resulting in sufficient force to cause death, serious personal injury and/or property damage.

⚠ WARNING Always wear safety glasses when removing a jammed cartridge.

⚠ WARNING Do NOT use a metal tool to attempt to remove an unfired cartridge. It could ignite the primer and cause the cartridge to explode resulting in fragments with sufficient force to cause death, serious personal injury and/or property damage.

⚠ WARNING Your FDP may be loaded if the trigger is in the forward position.

⚠ WARNING Never rely solely on the FDP's chamber indicator to determine whether it is loaded. Always remove the magazine, retract and lock the slide, and visually and physically (with your finger) check to make sure there is not a cartridge loaded or in the chamber.

⚠ WARNING A cartridge may be in the chamber when a magazine is being removed or inserted into your FDP. A cartridge in the chamber WILL discharge when the trigger is pulled, **WHETHER OR NOT A MAGAZINE IS IN YOUR FDP.** Never leave your FDP unattended, even when the magazine is not inserted. You must always verify the chamber is **EMPTY** before field stripping your FDP.

Auto-loading firearms may occasionally experience malfunctions (jams) related to ammunition. Most malfunctions are caused by improper ammunition, an improper grip on the firearm when shooting, improper lubrication, or a damaged magazine. To minimize the chance of malfunctions, regularly perform preventive maintenance on your FDP and follow the instructions in Chapter 8 of this manual.

If you experience a malfunction while using a new brand, type, or lot of ammunition, try firing another type of ammunition to determine whether the ammunition was the source of the malfunction.

CLEARING MALFUNCTIONS

If a cartridge jams, follow the steps below to remove it.

1. While keeping the muzzle of your FDP pointed in a safe direction, remove the magazine (if possible) by pressing the magazine release (46) on the grip of your pistol. **A**
2. While holding the grip with your firing hand, with your finger off of the trigger and outside of the trigger guard, grasp the charging handle with your other hand and pull the slide fully back. **B**
3. Lock the slide in the rearward (open) position by pushing up on the slide lock lever (10) and slowly releasing the slide until it locks open. **C**
4. If the above steps have not removed the jammed cartridge, carefully remove the jammed cartridge from the chamber using your fingers or a pointed **non-metal** tool.

If you are unable to remove the jammed cartridge using the above steps, leave the slide lock lever in the rearward (open) position and contact a ZEV-Certified Gunsmith.



MAINTENANCE



MAINTENANCE

Like all mechanical devices, your FDP must be properly maintained to ensure safe and reliable function. Although your FDP is highly resistant to adverse conditions, you should follow a regularly-scheduled maintenance program to remove accumulated debris and prevent corrosion that can affect the operation of your pistol. Contact a ZEV-Certified Gunsmith for proper care.

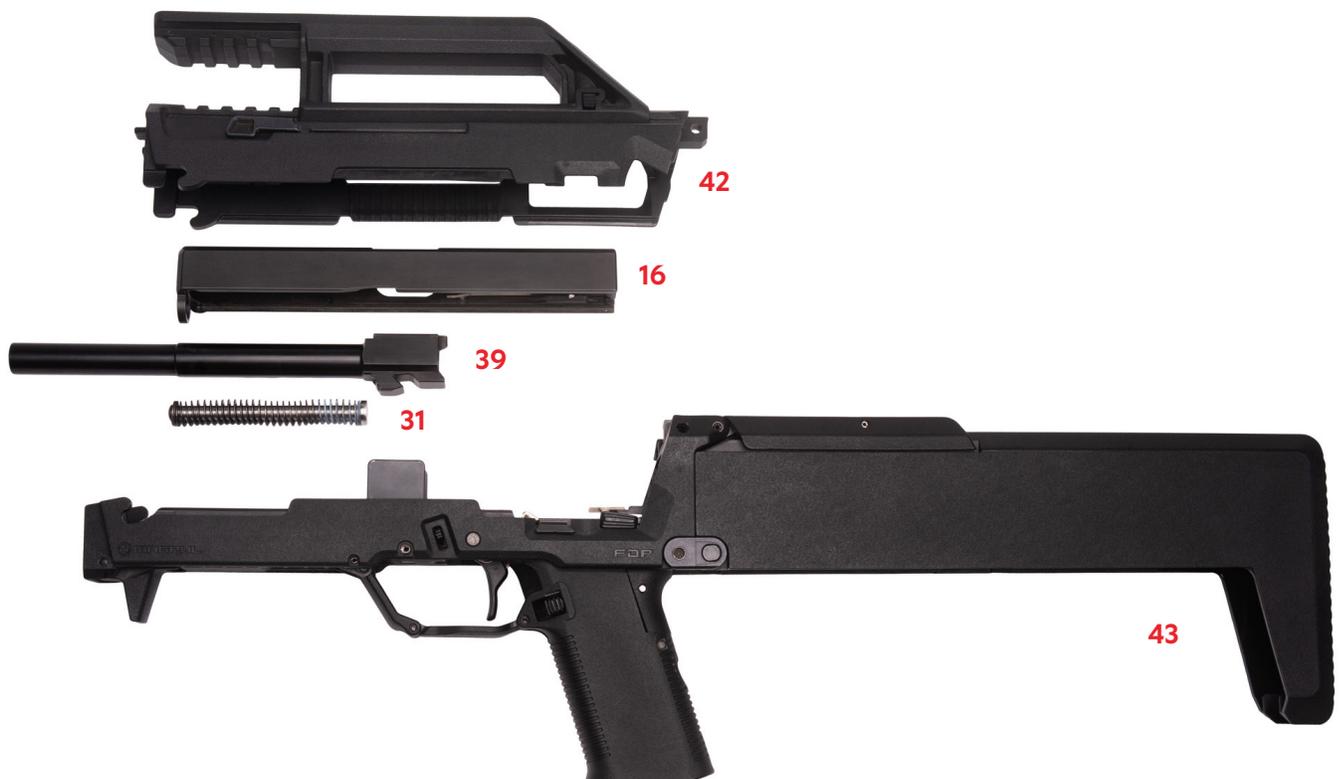
Clean and lubricate your FDP as follows:

1. Before it is fired for the first time.
2. After each shooting session.
3. As required. *This will be determined by your pistol's exposure to various conditions such as precipitation, humidity, perspiration, salt water, dirt, dust, lint, etc.*
4. If it has been dropped, broken parts are suspected, or malfunctions are occurring.
5. If another person has handled your FDP.
6. At least once a year.

To clean your FDP, disassemble it into its six main components, as outlined in Chapter 4:

- Slide (16)
- Barrel (39)
- Recoil Spring Assembly (31)
- Top Cover (42)
- Grip Housing (43)
- Magazine (not shown)

Always use cleaning patches and brushes of the proper size for your FDP.



MAINTENANCE

⚠ WARNING Do not use a cracked, bulged, or obstructed barrel. Contact a ZEV-Certified Gunsmith for repair or replacement.

⚠ WARNING If the Firing Pin Safety fails to keep the Striker from moving forward, **DO NOT LOAD OR FIRE YOUR FDP**. Instead, have it inspected and repaired by the ZEV entity for your region or a ZEV-Certified Gunsmith.

⚠ WARNING Have an armorer inspect your FDP and components for damage if the firearm has been dropped or mishandled.

⚠ WARNING The FDP should be inspected by an armorer every 5000 rounds. The following listed parts should be paid attention to for possible replacement.

⚠ WARNING ZEV recommends replacing the following components in the event the firearm is dropped: Striker, Ejector Housing, Firing Pin Safety.

⚠ WARNING The FDP is only approved for use with ZEV components. ZEV does not approve the use of components from other manufacturers. Installation and use of unapproved components will void the warranty and could be unsafe and cause injury or death. If a customer has a question about parts compatibility we advise them to contact ZEV customer service.

⚠ WARNING Make sure your FDP is unloaded (magazine and chamber empty) before removing the magwell.

⚠ CAUTION Before firing your FDP, run a clean patch through the barrel from the chamber end using the cleaning rod. Repeat this procedure until the patch comes out of the barrel with no gun oil or CLP on it.

⚠ CAUTION Do not over-lubricate your FDP. Too much lubricant can collect unburned powder or debris and prevent your FDP from functioning properly.

MAINTENANCE

BARREL

Wet a cleaning patch with cleaner, lubricant, or preservative (CLP) **A** and run it through the barrel from the chamber end (one direction only) using a cleaning rod. **B** Repeat multiple times.

Wet a bristled cleaning brush with CLP. **C** Run it back and forth in the barrel, from the chamber end to remove any debris and burned powder. **D**



MAINTENANCE

Wet another cleaning patch with CLP. **E** Run it through the barrel one time and examine it. **F** If it is not clean, repeat prior steps until the patch remains clean after being run through the barrel.

Run a clean dry patch through the barrel, from the chamber end, using the cleaning rod.

FOR STORAGE: Lightly wet a clean patch with gun oil or CLP and run it through the barrel from the chamber end.



MAINTENANCE

Wet a nylon bristle brush with CLP **G** and thoroughly brush the outside of the barrel to remove any dirt, debris, or residue. **H**

Wipe the outside of the barrel dry with a clean patch and examine it. **I** If it is not clean, repeat until the patch remains clean.



MAINTENANCE

SLIDE

Wet a nylon bristle brush with CLP **A** and thoroughly brush the rail where it makes contact with the Frame. **B**

Wipe the rail in the slide with a clean patch **C** and examine it. **D** If it is not clean, repeat prior steps until the patch remains clean (except copper colored long-term lubrication).



MAINTENANCE

Wet a nylon bristle brush with CLP, and while holding the slide with the muzzle end facing down, brush the breech face **E** and the area under the extractor claw.

While holding the slide with the muzzle end facing down, wipe the front area under the extractor claw (25) with a clean patch and examine it. If it is not clean, repeat prior steps until the patch remains clean. **G**

Check all other exposed areas of the slide for cleanliness. Remove all dirt and debris with CLP using a nylon bristle brush, patch, or a clean, soft cloth. **F**

Wipe the exposed areas of the slide that you have cleaned with a clean patch and examine it. If it is not clean, repeat prior steps until the patch remains clean. **G**



MAINTENANCE

FRAME

If necessary, clean the frame (1) as follows:

Wipe exposed parts of the frame with a clean, soft cloth that has been slightly dampened with CLP. **A**

Wipe these areas **B** with a clean patch and examine it. **C** If it is not clean, repeat until the patch remains clean.



MAINTENANCE

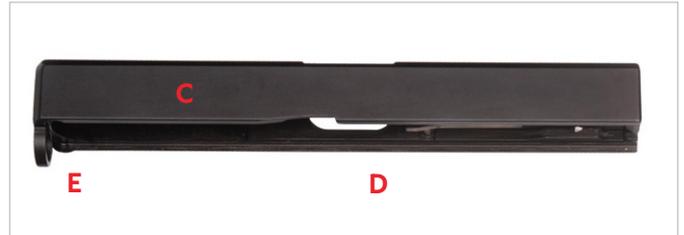
POST-CLEANING LUBRICATION

Slightly dampen a clean patch with CLP and wipe the following surfaces:

- A** The outside of the barrel
- B** Barrel hood and lugs
- C** The exterior surface of the slide
- D** Inside top of the slide in front of the ejection port where the barrel hood rubs against the slide
- E** The opening that the barrel slides through in front of the slide

Directly apply a small amount of CLP to the following surfaces:

- F** Both sides of the rear end of the trigger bar where it contacts the connector and Frame
- G** The entire length of each slide rail

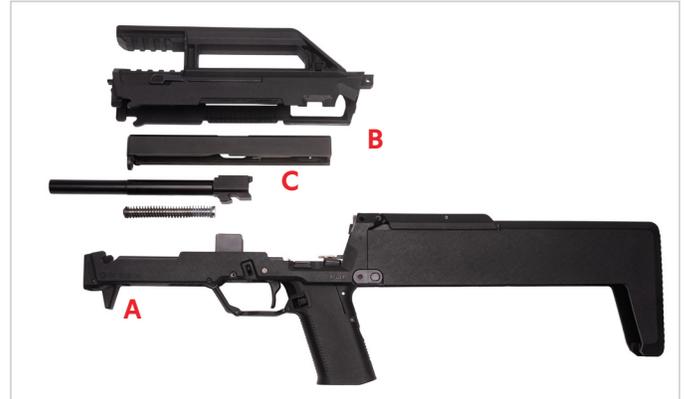


MAINTENANCE

After cleaning and lubricating your FDP, confirm it is functioning properly. If your pistol fails any of the following checks, contact a ZEV-Certified Gunsmith.

To inspect your FDP, follow these steps before reassembling it:

1. **EXTERNAL INSPECTION:** Inspect the outside of your Frame **A** and slide **B** for dirt, corrosion, or any visible damage. Pay special attention to the trigger, slide lock lever **(10)**, magazine release **(46)**, and extractor **(25)**.
2. **BARREL INSPECTION:** Inspect the barrel **(39)** for dirt, leading, bulges, cracks or obstructions. **C**
3. **FIRING PIN SAFETY TEST:** Hold the slide and pull the lug of the striker **(17)**, all the way to the rear of the slide and then ease it forward until it stops in contact with the firing pin safety **(26)**. **D** Then press the lug of the striker **(17)** forward with your forefinger using moderate force (approximately 5-8 lbs). The striker must not move forward past the firing pin safety **(26)**, and must not visibly protrude from the slide. **E**



MAINTENANCE

STRIKER

Hold the slide with the muzzle end downward, and press the firing pin safety (26) into the slide (16) with your fingertip. The striker should move downward, and the tip of the striker should visibly protrude from the slide.

On brand new pistols you may need to apply light downward pressure to the rear of the striker lug with your finger to assist the striker in moving downward.

Hold the firing pin safety downward with your fingertip, and vigorously shake the slide. You should hear the striker moving freely in the striker channel.

EXTRACTOR: Inspect the extractor (25) for cleanliness and to be sure the extractor claw is not broken.



MAINTENANCE SCHEDULE

NOTICE Have an armorer inspect your FDP and components for damage if the firearm has been dropped or mishandled.

NOTICE The FDP should be inspected by an armorer every 5,000 rounds. The following listed parts should be paid attention to for possible replacement.

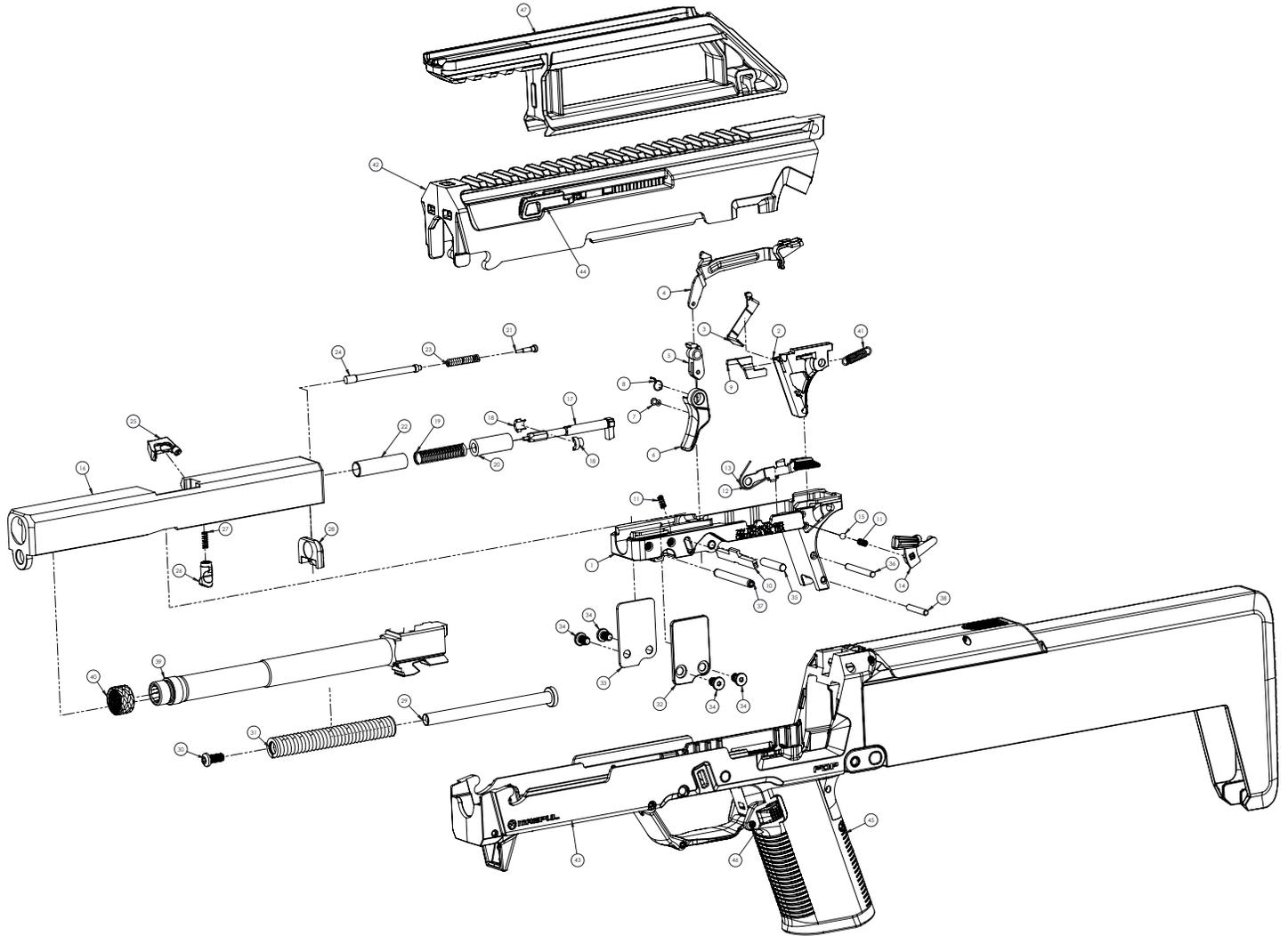
NOTICE ZEV recommends replacing the following components in the event the firearm is dropped: Striker, Ejector Housing, Firing Pin Safety.

PART	REPLACE AT	REPLACEMENT INDICATOR
Striker	10K Rounds	Worn striker tip or after the gun has been dropped
Recoil Spring	5K Rounds	Failure to return to battery
Extractor Depressor Plunger Spring	10K Rounds	Fail to extract
Firing Pin Safety	30K Rounds	Worn edge double strike, or after the gun has been dropped
Firing Pin Safety Spring	10K Rounds	Double strike
PRO Striker Spring	10K Rounds	Light strikes
PRO Striker Spring Cups	5 – 10K Rounds	Light strikes



PARTS DIAGRAM

PARTS DIAGRAM



ITEM #	NAME	QTY	ITEM #	NAME	QTY	ITEM #	NAME	QTY
1	Frame	1	17	Striker	1	33	Stabilizing Fin — Right	1
2	Trigger Housing Mechanism	1	18	Spring Cup	2	34	Stabilizing Screw	4
3	Connector	1	19	Striker Spring	1	35	Trigger Pin	2
4	Trigger Bar	1	20	Striker Sleeve	1	36	Ejector Housing	1
5	Folding Trigger Upper	1	21	Spring Loaded Bearing	1	37	Takedown Pin	2
6	Folding Trigger Lower	1	22	Channel Liner	1	38	Grip Latch Pin	2
7	Folding Trigger Rivet	1	23	Extractor Depressor Plunger Spring	1	39	Threaded Barrel	1
8	Folding Trigger Spring	1	24	Extractor Rod	1	40	Thread Protector	1
9	Ejector	1	25	Extractor	1	41	Trigger Spring	1
10	Slide Lock Lever	1	26	Firing Pin Safety	1	42	Top Cover	1
11	Slide Lock Lever Spring	1	27	Firing Pin Safety Spring	2	43	Grip Housing	1
12	Slide Release Lever	1	28	Slide Back Plate	1	44	Charging Handle	1
13	Slide Release Lever Spring	1	29	Guide Rod	1	45	Grip Release Lever	1
14	Safety	1	30	Guide Rod Screw	1	46	Magazine Release	1
15	Safety Ball Detent	1	31	Recoil Spring	1	47	Carry Handle	1
16	Slide	1	32	Stabilizing Fin — Left	1			

TECHNICAL DATA

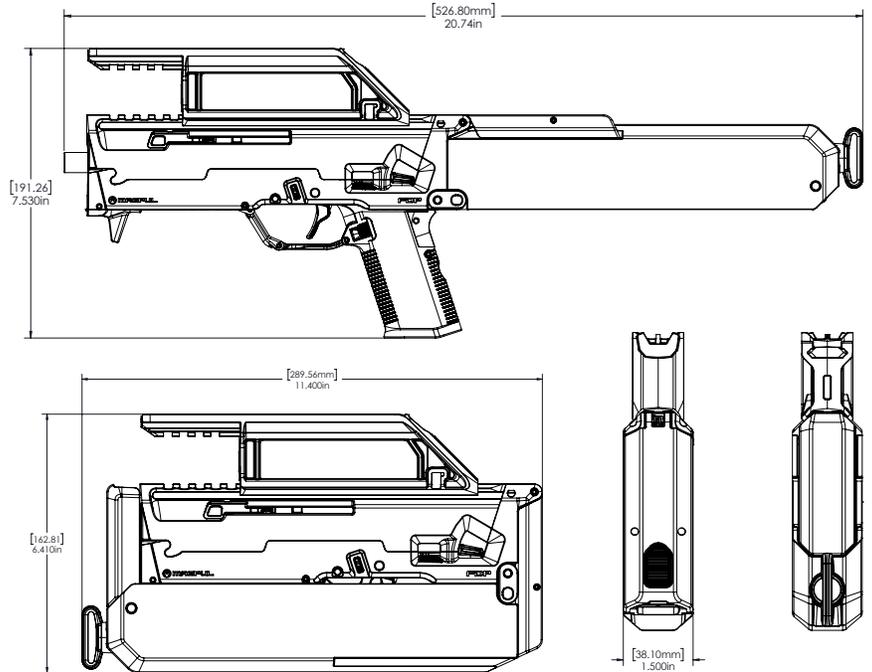


TECHNICAL DATA

Technical Specifications

	FDP CARBINE	FDP PISTOL
Caliber	9mm	
Weight	3.25 lbs without accessories	
Overall Length <i>Folded</i>	10.75"	11.5"
Overall Length <i>Unfolded</i>	20.125"	20.875"
Overall Height <i>Folded</i>	6.375"	6.75"
Overall Height <i>Unfolded</i>	7.875"	
Overall Width	1.5"	
Barrel Length	7.052"	
Barrel Material	416 SS	
Frame Material	4140 Steel	
Slide Material	17-4 SS	
Housing Material	Impact- and crush-resistant polymer	
Finish	All steel components are coated in black nitride	

FDP PISTOL



FDP CARBINE

