

## The Ultimate Outdoor Companion: Sheldon's FR-0505 OEM Folding Knife with Integrated Tools

In the world of outdoor adventures, the importance of a reliable multifunctional tool cannot be overstated. For enthusiasts who demand versatility without compromising on quality or functionality, Sheldon presents the FR-0505 [OEM Folding Knife](#), a meticulously crafted device designed to cater to the most rigorous survival and hiking needs. The following is a comprehensive purchasing description content for this exceptional outdoor tool that is both a life-saver and a handy companion.





## Product Overview

Item NO.: FR-0505 marks a new era in the realm of outdoor equipment. It is more than just a folding knife; it's an integrated suite of tools tailored for the brave souls who venture into the wilderness. With its sturdy wire cutter and life hammer, the FR-0505 is an essential gadget for anyone who seeks to be well-prepared for unpredictable situations while hiking or camping.

## Superior Blade Specifications



At the heart of the FR-0505 lies its robust drop point blade, forged from 3Cr13 stainless steel, known for its excellent toughness and ease of sharpening. The blade features a hardness rating of 50-52 HRC, ensuring it retains its edge while being resilient enough to withstand the demands of the outdoors. With a thickness of 0.118 inches (3mm) and a length of 3.27 inches (83mm), this blade strikes the perfect balance between strength and precision.

### **Ergonomic Handle Design**

The handle of the FR-0505 is crafted from 2Cr13 steel, offering a durable and comfortable grip. Its black colorway provides a sleek, tactical appearance while resisting wear and corrosion. The handle is designed to provide a secure grip, with a thickness of 0.492 inches (12.5mm) ensuring stability in hand, crucial when using the integrated tools.





### **Versatile Integrated Tools**

What sets the FR-0505 apart is its multi-tool functionality. The wire cutter feature is seamlessly inlaid into the handle, providing a practical tool for cutting through various materials.

Additionally, the life hammer is an invaluable safety feature, designed to deliver swift impacts when needed, whether for rescue situations or breaking through obstacles.

## **Convenient Carry and Access**

With a total length of 8.07 inches (205mm) when opened and a weight of 4.06 oz (115g), the FR-0505 is designed for both portability and ease of use. The inclusion of a tip-down pocket clip means this knife can be securely attached to your gear or pocket, ensuring it's always within reach.

## **Innovative Lock and Open Mechanisms**

The liner lock mechanism provides a safe and secure way to keep the blade in place when it's opened, preventing accidental closure during use. For swift and easy deployment, the knife employs a dual open way system featuring both a flipper and a thumb stud. This design allows for rapid one-handed opening, a crucial feature when time is of the essence.

## **Enhanced Blade Finish and Grind**

To further enhance its utility and longevity, the FR-0505's blade is blackened, offering additional corrosion resistance and minimizing reflective glare which can be a hindrance in tactical situations. The flat grind on the blade ensures a sharp and efficient edge, making it suitable for a wide range of cutting tasks.



## Customization and Ordering Details

With Sheldon's commitment to providing tailored solutions, the FR-0505 knife is available for ODM orders with a Regular MOQ of 1200 units. This allows for customization and branding opportunities, making it a perfect option for businesses looking to offer a unique product to their customers. Additionally, the pivot can be customized to feature a slip-joint mechanism, adding another layer of versatility to this already impressive tool.

## Quality Assurance

As a testament to Sheldon's unrivaled dedication to quality, the FR-0505 folding knife adheres to the stringent regulations of the ISO 9001 quality control system. Each knife undergoes a rigorous inspection to ensure it meets the high standards expected from Sheldon products. The company's meticulous attention to detail guarantees that every knife delivered is of the highest quality, ready for the challenges of the great outdoors.





## Conclusion

The FR-0505 OEM Folding Knife from Sheldon is the epitome of a reliable, multi-purpose outdoor tool designed for the rigors of survival use. Its combination of a robust blade, integrated wire cutter, life hammer, and user-friendly design make it an indispensable addition to any hiker's or adventurer's kit. Sheldon's commitment to quality, combined with the opportunity for customization, positions the FR-0505 as a highly attractive option for anyone looking to source premium outdoor tools.

In conclusion, when it comes to sourcing a folding knife that is as versatile as it is dependable, Sheldon's FR-0505 model stands out as a prime contender. By incorporating it into your product line, you offer your customers not just a knife but a lifeline, a tool that can make all the difference when survival is at stake. Choose Sheldon's FR-0505 for an OEM folding knife that delivers beyond expectations, every time.

## **Mastering the Mechanics: Disassembling and Reassembling Your Folding Knife**

Folding knives are quintessential tools for everyday carry, outdoor activities, and various utility tasks. Understanding the basics of how to take apart and reassemble a folding knife is essential for maintenance, cleaning, and occasional repair. This guide will provide you with the foundational knowledge you need to handle your knife with confidence and ensure it remains in peak condition.





## **Safety First**

Before you begin, prioritize safety. Ensure the blade is in the closed position and that you're working in a well-lit area on a stable surface. It's also recommended to wear safety glasses to protect your eyes from any small parts that may spring out during disassembly.

## **Gather the Proper Tools**

A proper disassembly requires the right tools. You will typically need:



- Torx drivers or a set of jeweler's screwdrivers
- A small hammer and a punch (if pins are involved)
- Tweezers
- A clean cloth
- Lubricant
- Loctite (thread locker, if reapplying screws)
- A magnetic parts holder (optional, but helpful to keep track of small parts)



## Understanding the Anatomy of Your Folding Knife

Familiarize yourself with the basic components of your folding knife:

- Blade: The metal cutting part of the knife.

- **Handle:** The part you grip, which houses the internal mechanisms.
- **Pivot:** The screw or mechanism that allows the blade to rotate.
- **Locking mechanism:** The physical setup that secures the blade in an open or closed position, such as a liner lock or frame lock.
- **Screws:** Small fasteners that hold the components together.
- **Washers or bearings:** These sit around the pivot to ensure smooth blade operation.

## Step-by-Step Disassembly

1. **Removing the Screws:** Start by slowly unscrewing the pivot. It's the central support around which the blade rotates. Afterward, carefully remove the screws from the handle.
2. **Separating the Handle:** With the screws removed, gently pry apart the handle scales. Be careful if your knife has a backspacer or standoffs, as these may fall out.
3. **Removing the Blade:** Once the handle is open, carefully lift the blade out. Be mindful of any washers or bearings that sit on the pivot; note their orientation for reassembly.
4. **Dismantling the Lock:** If your knife has a liner lock or frame lock, it may require additional steps to remove. Ensure you understand the mechanism before proceeding, as springs or small parts can be easily misplaced.
5. **Cleaning the Parts:** With all parts disassembled, use this opportunity to clean each component. A cloth with mild soap and water can help remove debris and old lubricant. Dry thoroughly.

## Reassembling Your Folding Knife

1. **Lubricate the Pivot:** Apply a small amount of lubricant to the pivot area, ensuring smoother movement once reassembled.
2. **Place Washers/Bearings and Blade:** Reinsert the washers or bearings in their original position and then carefully place the blade back onto the pivot.
3. **Reattach the Handle Scales:** Align the handle scales and gently press them together. Insert and tighten the screws starting with the pivot. Do not over-tighten, as this can hinder blade movement.



4. **Reassemble the Locking Mechanism:** If your knife includes a complex locking system, reassemble it by following the disassembly steps in reverse order. Pay close attention to the placement of springs and other small parts.
5. **Final Inspection and Adjustments:** Open and close the blade to ensure smooth action. If necessary, adjust the tension of the pivot screw to achieve the desired blade movement. Apply a drop of thread locker to the screws to prevent loosening from use.
6. **Safety Check:** Once reassembled, perform a safety check. Ensure the locking mechanism engages and disengages correctly and that the blade has no undue play when opened.



## Conclusion

Disassembling and reassembling a [folding knife](#) can seem daunting, but with patience and the proper tools, it becomes a straightforward process. Regular maintenance not only prolongs the life of your knife but also ensures it functions safely and effectively. Always refer to your knife's manufacturer guidelines as designs can vary, and remember to take your time — a well-maintained folding knife is a reliable tool for years to come.