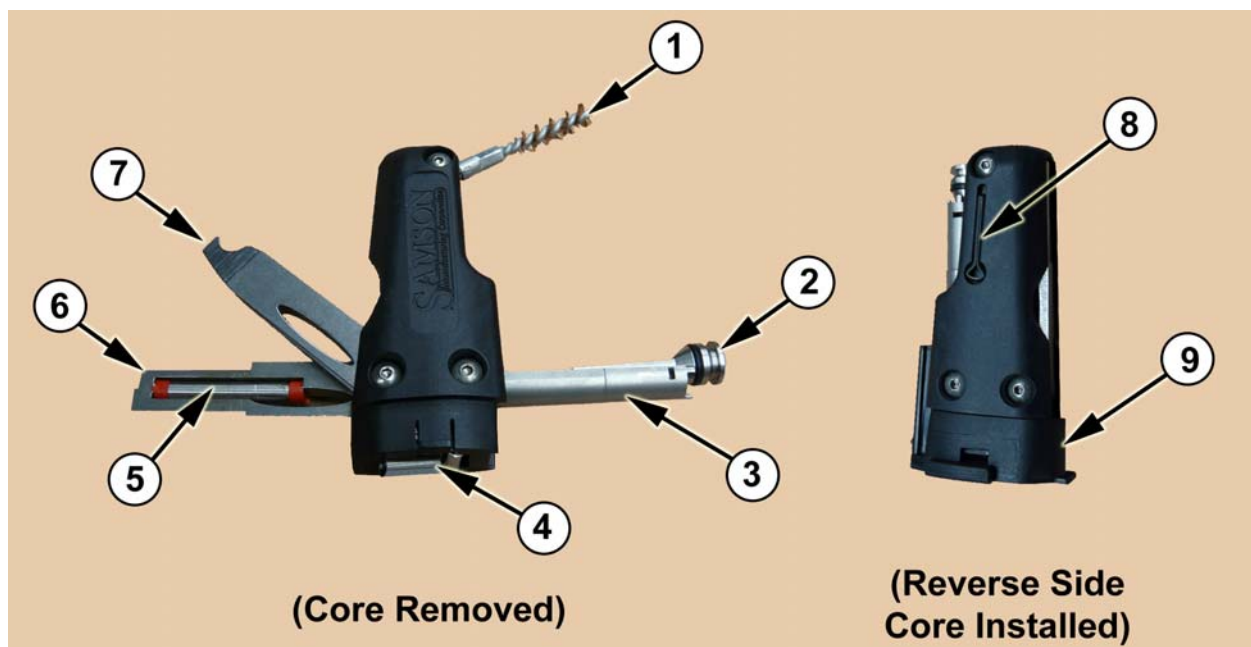


## 1.0 General Information

The Samson Magpul Field Survivor is a light-weight multi-purpose tool to support operation and maintenance of a service rifle. It is designed to be stored in a Magpul MIAD™ or MOE pistol grip and contains an array of fold-out tools for performing routine cleaning and emergency repairs.

Part Number: FS-002  
 Interface: Magpul MIAD™ or MOE Pistol Grip  
 Dimensions: 3.18" tall (including base)  
 Weight: 3.5 ounces  
 Material: Corrosion-resistant stainless steel components housed in a reinforced polymer  
 CAGE: 037R7



Item	Nomenclature	Description / Use
1	Brush	General purpose brush for cleaning gas tube and barrel. Connects to barrel cleaning cable.
2	Shell Extractor	Extracts jammed broken shells from chamber. May also be used as T-handle for barrel cleaning cable and provides storage location for spare extractor pin (spare pin not provided).
3	Front Sight Wrench	For performing front sight post adjustments. Also provides the storage for shell extractor.
4	Barrel Cleaning Cable	23" long cable for brush or patch cleaning.
5	Oil Ampoule	Stored in carbon scraper and able to store a small quantity of CLP or other lubricant.
6	Carbon Scraper	Contains sharp edge for removing carbon from firing pin and bolt carrier group components.
7	Screwdriver	Provides slot tip screwdriver blade for general use. Hooked end may be used to push in takedown/receiver pivot pins and pull out firing pin retaining pin. Screwdriver body contains a GO/NO GO gauge for checking magazine feed lip separation distance.
8	Spare Firing Pin Retaining Pin	Spare pin snaps into Survivor body.
9	MIAD™ Core	Standard Magpul MIAD™ core supplied with grip. Used to secure Survivor into rifle grip. Remove to unfold items 5-7 and to access barrel cleaning cable.

## 2.0 Operation

### 2.1 Install/Remove Magpul Field Survivor

#### Installation

Remove core (item 9) from bottom of grip. Snap core onto Survivor. Slide Survivor into grip until it snaps into place.

#### Removal

Press core tab towards center of core and pull core out of grip. If core separates from Survivor, shake grip to dislodge survivor.



### 2.2 Firing Pin Retaining Pin Removal

Unfold screwdriver (item 7). Hook eye of retaining pin and pull pin out.

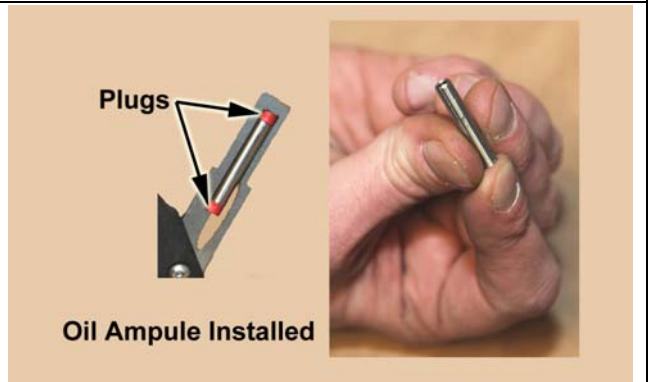


### 2.3 Oil Ampoule

Unfold carbon scraper (item 6) and pop out oil ampoule (item 5) by pushing one end.

Remove plug on one side and place finger over end.


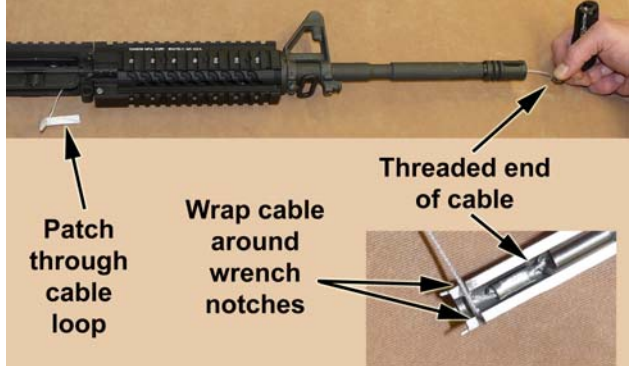
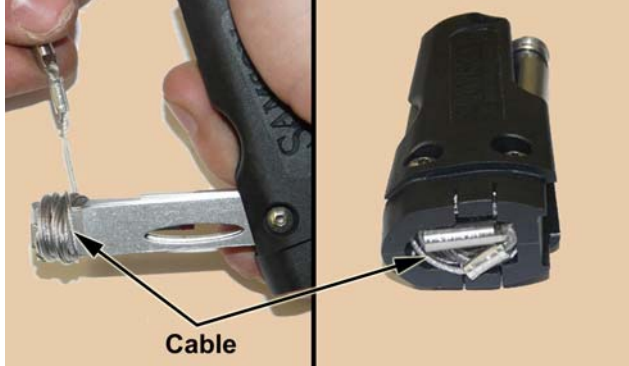
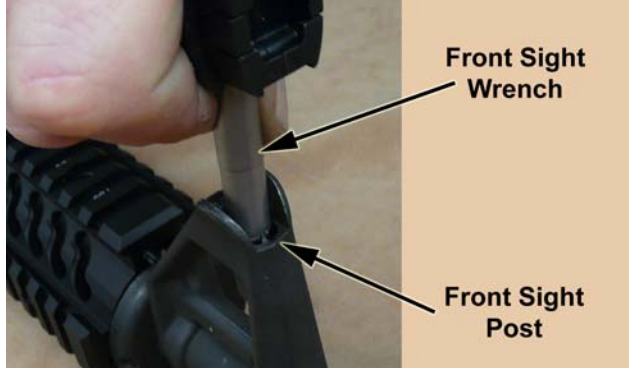
Hold upright and remove opposite plug. Hold over item and slightly lift finger off of opposite end to dispense oil.



### 2.4 Bolt Carrier Group Cleaning

Unfold brush (item 1) and carbon scraper (item 6). Use brush and carbon scraper to remove carbon from bolt carrier group components.



<p><b>2.5 Bore Cleaning</b>        Use cable, shell extractor, brush and base to clean bore as per below. Always pull brush or patch from chamber through end of bore.</p>	
<p><b>2.5.1 Bore Cleaning (Brush)</b>        Unfold brush (item 1) and front sight wrench (item 3). Remove cable (item 4). Remove shell extractor (item 2) from front sight wrench.</p> <p>Unscrew shell extractor pieces and feed shell extractor threaded end through cable loop. Reassemble shell extractor with cable loop attached. Drop cable thread attachment end through end of bore. Unscrew brush from mount and screw into cable thread attachment.</p> <p>Apply a few drops of CLP to brush and pull brush through bore. Repeat process as required and then proceed to <b>Bore Cleaning (Patch)</b>.</p>	 <p>Brush attached to cable</p> <p>Shell Extractor through cable loop</p>
<p><b>2.5.2 Bore Cleaning (Patch)</b>        Remove cable from bore and remove brush. Place patch into cable eyehook and drop other end of cable through bore (chamber end).</p> <p>Apply a few drops of CLP to patch and pull patch through bore. If more force is required to pull patch through barrel, unfold front sight wrench (item 3) and remove shell extractor (item 2) if installed. Place threaded end of cable into front sight wrench cavity and wrap cable through wrench notches. Place thumb over wrapped cable.</p>	 <p>Patch through cable loop</p> <p>Wrap cable around wrench notches</p> <p>Threaded end of cable</p>
<p><b>2.6 Stow Cable</b>        Unfold screwdriver (item 7) and carbon scraper (item 6). Hook cable loop end around end of screwdriver. Wrap cable (item 4) around screwdriver and carbon scraper. Slide cable off of screwdriver and push into lower cavity of Survivor body.</p>	 <p>Cable</p>
<p><b>2.7 Front Sight Post Adjustment</b>        Unfold front sight wrench (item 3) and remove shell extractor (item 2).</p> <p>Place end of front sight wrench into front sight post grooves, ensuring to depress front sight post locking key. Rotate wrench one click at a time.</p> <p><b>CAUTION: DO NOT ROTATE WRENCH POST INTO FRONT SIGHT ADJUSTMENT LOCKING KEY. WRENCH POSTS MAY BECOME DAMAGED.</b></p>	 <p>Front Sight Wrench</p> <p>Front Sight Post</p>

**2.8 Broken Shell Extraction**

End of shell extractor is designed to simulate the bottom of a 5.56mm shell. In this manner, the shell extractor may be used to extract a jammed shell without a bottom.

**2.8.1 Insert Shell Extractor**

Unfold front sight wrench (item 3). Remove shell extractor (item 2) from wrench by rotating it up and pulling it out.

Remove magazine, pull charging handle and lock bolt to the rear. Insert pronged end of shell extractor through broken shell in chamber. If shell extractor prongs do not grasp end of broken shell, remove shell extractor and slightly pry apart prongs and re-attempt.

Send bolt home until bolt seats onto end of shell extractor. Tap forward assist as required. Empty magazine and reinsert into weapon.



**2.8.2 Eject Broken Shell**

Pull charging handle to the rear to extract and eject shell extractor and broken shell.

Unscrew shell extractor and remove from broken shell.



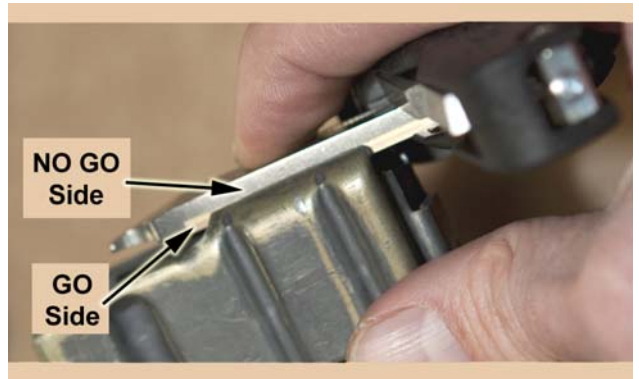
**2.9 Verify Magazine Feed Lip Separation Distance**

Unfold screwdriver (item 7). Place GO side of screwdriver body between magazine feed lips. Do not force gauge into magazine.

If GO side cannot be inserted, magazine feed lips are too close. Adjust feed lips as per below, ensuring both feed lips are the proper radius.

If GO and NO GO sides may be inserted, magazine feed lips are too far apart. Adjust feed lips as per below, ensuring both feed lips are the proper radius.

If GO side fits consistently between magazine feed lips, no action is required.



**2.10 Adjust Magazine Feed Lips**

Adjust bend of magazine feed lip with front sight wrench by placing magazine feed lip into notches of front sight wrench and bending feed lip as required.

