



# OTIS™

## DEFENSE

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### PRODUCT CATALOG





# A TRADITION OF PERFORMANCE

For over thirty five years, Otis Technology has been the trusted source for weapons maintenance products. We are proud to support our men and women on the front lines and provide them with premier, quality products to keep their weapons functioning properly. We are honored that Otis weapons maintenance products are called out in the M4 Technical Manual on the Authorized Approved List.

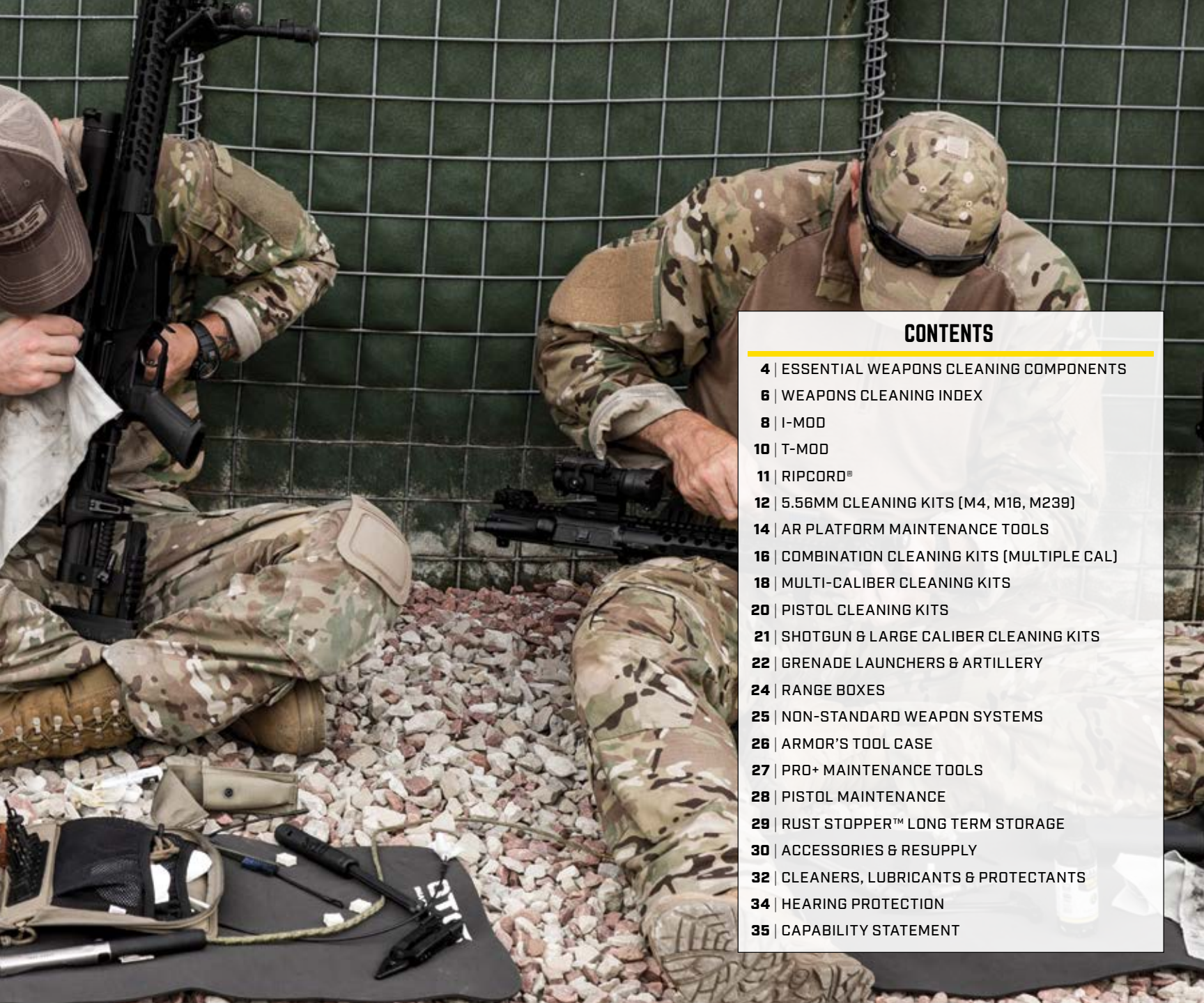
Otis is a small business and our products are proudly made in the USA by hardworking men and women in Northern New York. We salute the brave members of our Military & Law Enforcement community on the front lines of freedom every day. Please contact our Military Sales Team for quotes.

**GSA Contract #: GS-07F-0383M**

**CAGE Code: 01VS3**

**ALL CLEANING KITS AVAILABLE AS BERRY OR TRADE COMPLIANT, PLEASE SPECIFY YOUR REQUIREMENTS WHEN ORDERING.**





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# ESSENTIAL WEAPONS CLEANING COMPONENTS

At the core of our Breech-to-Muzzle® cleaning kits are a number of unique components that work in conjunction with each other to ensure a proper clean each time. Here's the rundown of what each part is and does.

## CHAMBER FLAG



Fits comfortably in most rifle and pistol chambers. It has an indestructible bolt rest, and allows you to flag an empty chamber to ensure it is safe. The chamber flag can be used in conjunction with all flashlights to illuminate the bore in dark or dimly lit conditions. Composed of fiber optic material, it can also be used with natural light.

## CLEANING PATCH

Attach to the slotted tip to form a perfectly circular cleaning swab for 360 degree coverage. Each patch can be used up to six times.

2" | 3" | 3" Panoply



## PATCH SAVER®

Used in conjunction with the 3" patches and shotgun slotted tip, the Patch Saver® creates 360 degree coverage in shotgun barrels. Small Patch Saver® for 16, 20 and 28 GA Large Patch Saver® for 10, 12 and 16 GA



## MEMORY FLEX® CABLE

Together with the solid brass slotted tips, 100% cotton cleaning patches, a bore brush, and an all-in-one cleaner, lubricant, and preservative, you can now properly clean your firearm from Breech-to-Muzzle®. The aircraft grade flexible cables are coated so as to not damage the crown and have a 750lb pull strength. The Memory-Flex® cables are compatible with all Otis cleaning components.

8" | 12" | 16" | 20" | 30" | 36"

*Note: Some cables come with a slotted tip permanently affixed to one end for limited breech cleaning.*



## SMALL SLOTTED TIP

The small slotted tip is used for .22 - .27 cal firearms. Used in conjunction with 2" & 3" Cotton patches to create a cleaning swab.



## LARGE SLOTTED TIP

The large slotted tip is used for .30 - .50 cal firearms. Used in conjunction with 3" Cotton patches to create a cleaning swab.



## SHOTGUN SLOTTED TIP

The shotgun slotted tip is used for all shotguns. Used in conjunction with 3" Cotton patches to create a cleaning swab.



## BORE BRUSHES

Otis brushes have a proprietary Tufcor® core wire that is corrosive-resistant with a tighter twist for better bristle retention and brush life. With twice the fill of other brushes and bristles right to the end, you get superior quality and precision cleaning every time. Available in nylon or bronze.

*See page 31 for brush sizes*



## BORE MOP

Built with densely packed, highly absorbent cotton on corrosive-resistant Tufcor® core wire with 8-32 threaded ends. Used for cleaning debris from the bore or leaving behind a layer of lubricant.



## CHAMBER BRUSH

The tapered bronze bristles scrub the chamber, neck and shoulder. The steel bristles at the base scrub the star chamber of the locking lugs. Standard 8-32 thread.

5.56mm | 7.62mm



## OBSTRUCTION REMOVERS

Used to clear the bore of mud, snow, dirt, or stuck cases. Concave so it does not hit the firing pin when trying to remove a stuck bullet and prevents the stuck round from mushrooming within the barrel. The obstruction remover also acts as a T-handle base.

Small | Large | Pistol



T-HANDLE BAR



T-HANDLE



RIPCORD® T-HANDLE

## T-HANDLES

The T-handle bar can be used with any of the Otis obstruction removers for added comfort while pulling a patch through from Breech-to-Muzzle®. Just insert the T-handle bar through the hole in the end of the obstruction remover/T-handle base; the T-handle is tapered so it will stop half way through.

The cable T-Handle and Ripcord® T-Handle work the same way - simply place the end of the cable or Ripcord® into the notch and pull. The Ripcord® T-Handle also serves as a base for the Short AP Brush.



### NATO BRUSH ADAPTER

The NATO brush adapter is used to allow 8-36 threaded components to attach to Otis 8-32 threads.



### STRAIGHT LOCKING LUG PICK

The straight pick is engineered to clean in the tight crevices of a firearm.



### CURVED LOCKING LUG PICK

Designed specifically for the locking lugs of an AR-style rifle with a 90 degree bend to clean the back side of the locking lugs.



### LOCKING LUG SCRAPER

Designed specifically for the locking lugs of an M4/M16 with a 90 degree bend to clean the backside of the locking lugs.



### BRASS SCRAPER

The brass scraper is used to clean carbon deposits and other debris from the bolt face, rails or any other flat surface on a firearm.



### PIN PUNCH

Knock out pins with 3/32" pin punch.



### MINI END BRUSH

This end brush can be used to lubricate the slide, but also has stiff enough bristles to dust off carbon and other loose debris.



### 8/32 THREAD CONNECTOR

The thread connector has an 8-32 thread and screws into the Memory-Flex® cable. This allows you to combine two cables together, increasing the length for longer barrels.



### FEMALE & MALE ROD

The female and male rods act as a handle, and can be added onto any Otis component with 8-32 threads for additional length during precision cleaning.



### SHORT AP BRUSH

Short All Purpose Receiver brush complete with male 8-32 thread so that it may be connected to any female accessory or used with the Ripcord® T-handle.



### MIL. SPEC CLP

Otis CLP properly cleans, lubricates and protects all in one step and meets MIL-PRF-63430  
0.5 fluid ounces.



### DUST BRUSH

The Boar Hair Dust Brush is intended for removing dust, sand and debris from various parts of the weapon.



### LENS BRUSH

The Mohair Lens Brush is intended for removing dust from lenses and other optics.



### LENS TISSUES

Otis Premium Lens Tissues are used to clean the lenses of your optics. They will remove fingerprints and water spots.

### LENS CLEANING CLOTH

Perfect for wiping away smudges, dust and minor debris from optics lenses, binoculars, ear-wear, phone and tablet screens.



### LENS SPRAY

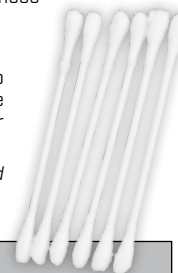
Otis Premium Lens Cleaner is anti-fog, and is used for normal cleaning of your optic lenses.  
0.5 fluid ounces



### COTTON SWABS

The cotton swabs come as a group of 6, and are intended to clean the hard to reach areas on the exterior of your optics and lenses.

*Note: these swabs are not intended for firearm cleaning.*



## SUPPLIES RUNNING LOW OR M.I.A.?

# WEAPONS CLEANING INDEX

## THE BEST KIT FOR YOUR WEAPON PLATFORM

NOTE: THESE PAGES ONLY HIGHLIGHT CLEANING KITS. INFORMATION ON TOOLS, RIPCORDS® AND REPLACEMENT PARTS CAN BE FOUND ON THEIR RESPECTIVE PAGES.

### M4 | M16 | M27 IAR | M38 SDMR | M249 SAW 5.56mm

Kit Name	Part Number	NSN
5.56mm Rifle Kit w/ Gerber MP600 Multi-Tool I-MOD	#MFG-901-IMOD	1005-01-624-1673
5.56mm Rifle Kit I-MOD	#MFG-901-IMOD-NT	1005-01-653-9588
5.56mm/7.62mm Rifle Kit I-MOD	#MFG-901-5576	
5.56mm Rifle / 9mm Pistol I-MOD	#MFG-901-556-9	
5.56mm Rifle / .40 cal Pistol Kit I-MOD	#MFG-901-5540	
5.56mm Rifle / .45 cal Pistol Kit I-MOD	#MFG-901-5545	
T-MOD Cleaning Kit	#MFG-211-TMODA	
T-MOD Cleaning Kit with AR Tools	#MFG-900-57912	
T-MOD Cleaning Kit w/ AR Tools & AR Multi-Tool	#MFG-900-57912 MTB	
5.56mm Soft Pack	#MFG-223-2	1005-01-448-8513
5.56mm / 9mm Soft Pack	#MFG-556-9MM	1005-01-561-6181
5.56mm Grip Kit	#MFG-225-56	1005-01-526-7294
M16 Buttstock*	#MFG-224	1005-01-561-6181
7.62mm / 5.56mm Sniper	#MFG-308-7	1005-01-453-3783
Deluxe Military	#MFG-85211-5	1005-01-526-7354
Basic Weapons	#MFG-904-5794	
Marine Corp Kit	#MFG-905-224	
IWCK	#MFG-211-IWCK	1005-01-562-7393
Solider Tool Kit	#MFG-640-16	
40mm/5.56mm Weapons	#MFG-935-556	1005-01-565-0882

\*ONLY AVAILABLE FOR M16 PLATFORM

### Mk 14 EBR | M39 EMR | HK417 | Mk 17 | Mk 11 | M110 | Mk 20 M24 | M40 | M2010 | Mk 13 | Mk 21 | Mk 22 | M240B/L/H 7.62mm | 6.5 Creedmoor | .300 Winchester Magnum

Kit Name	Part Number	NSN
7.62mm Rifle Kit I-MOD	#MFG-901-762	1005-01-653-9588
7.62mm Rifle / 9mm Pistol Kit I-MOD	#MFG-901-762-9	
7.62mm Rifle / .40 cal Pistol Kit I-MOD	#MFG-901-7640	
7.62mm Rifle / .45 cal Pistol Kit I-MOD	#MFG-901-7645	
T-MOD Cleaning Kit	#MFG-211-TMOD A	
T-MOD Cleaning Kit with AR Tools	#MFG-900-57912	
T-MOD Cleaning Kit w/ AR Tools & AR Multi-Tool	#MFG-900-57912 MTB	
.308 cal / 7.62mm Rifle Soft Pack	#MFG-308-6	1005-01-451-5119
7.62mm / 5.56mm Sniper Soft Pack	#MFG-308-7	1005-01-453-3783
.308/.338 Cal Sniper Soft Pack	#MFG-308-338	1005-01-605-7612
Deluxe Military	#MFG-85211-5	1005-01-526-7354
Basic Weapons	#MFG-904-5794	
Marine Corp Kit	#MFG-905-224	
IWCK	#MFG-211-IWCK	1005-01-562-7393
Solider Tool Kit	#MFG-640-76	1005-01-634-0316

### M24 | M40 | Mk 21 | Mk 22 .338 Lapua Magnum

Kit Name	Part Number	NSN
.308/.338 Cal Sniper Soft Pack	#MFG-308-338	1005-01-605-7612

**M17/M18 | M11 | M9**  
**9mm**

Kit Name	Part Number	NSN
9mm Pistol Kit I-MOD	#MFG-901-9MM	
5.56mm Rifle & 9mm Pistol Kit I-MOD	#MFG-901-556-9	
762mm Rifle & 9mm Pistol Kit I-MOD	#MFG-901-762-9	
T-MOD Cleaning Kit	#MFG-211-TMODA	
T-MOD Cleaning Kit w/ AR Tools	#MFG-900-57912	
T-MOD Cleaning Kit w/AR Tools & AR Multi-Tools	#MFG-900-57912 MTB	
5.56mm / 9mm Soft Pack	#MFG-556-9MM	1005-01-561-6181
9mm Pistol Soft Pack	#MFG-645-1	1005-01-528-7843
Basic Weapons	#MFG-904-5794	
Marine Corp Kit	#MFG-905-224	
IWCK	#MFG-211-IWCK	1005-01-562-7393
Pistol/Subgun Military Tool Kit - 9mm & variants	#MFG-640-38	
Deluxe Military	#MFG-85211-5	1005-01-526-7354

**.40 cal**

Kit Name	Part Number	NSN
.40 cal Pistol Kit I-MOD	#MFG-901-40	

**M107 | M2A1**  
**.50 cal**

Kit Name	Part Number	NSN
.50 cal Rifle Soft Pack	#MFG-255-3	1005-01-445-6804
.50 cal Military Tool Kit	#MFG-640-50	

**M1911A1 | M45**  
**.45 cal**

Kit Name	Part Number	NSN
.45 cal Pistol Kit I-MOD	#MFG-901-45	
T-MOD Cleaning Kit	#MFG-211-TMOD A	
T-MOD Cleaning Kit w/ AR Tools	#MFG-900-57912	
T-MOD Cleaning Kit w/AR Tools & AR Multi-Tools	#MFG-900-57912 MTB	
5.56mm / .45 cal Soft Pack	#MFG-556-45	
.45 cal Pistol Soft Pack	#MFG-645-2	
Basic Weapons Kit	#MFG-904-5794	
Marine Corp Kit	#MFG-905-224	
IWCK	#MFG-211-IWCK	1005-01-562-7393
Deluxe Military	#MFG-85211-5	1005-01-526-7354

**M1014 | M500 | M590 | M26 MSA**  
**12 ga**

Kit Name	Part Number	NSN
12 GA Combat Shotgun	#MFG-410-8	1005-01-455-0565
Combat Shotgun Military Tool Kit	#MFG-640-41	
Deluxe Military	#MFG-85211-5	1005-01-526-7354

**Mk 19 | M203/M203A2 | M320**  
**37mm | 40mm**

Kit Name	Part Number	NSN
40mm Grenade Launcher	#MFG-935	
40mm/5.56 Weapons	#MFG-935-556	1005-01-565-0882
Less Lethal Kit	#LFG-374012	

# I-MOD - AVAILABLE IN MULTIPLE CONFIGURATIONS

1 KIT, 3 WAYS TO CLEAN

## I-MOD SERIES

### 3 WAYS TO CLEAN

Keep your rifle clean, clear, and ready to go with The I-MOD Series cleaning system, containing everything you need for a quick, one-pass clean to a full breakdown. With three different cleaning methods, including the Ripcord® for a quick, one-pass clean, solid rods, and everything you need for a Breech-to-Muzzle® clean with our Memory-Flex® cables, 100% cotton patches and brass components.

### COMPONENTS VARY PER SKU

10" x 4" x 2" Soft Pack with MOLLE Strap

Memory-Flex® Cable

Bronze Bore Brush

Nylon Bore Brush<sup>1</sup>

Chamber Brush<sup>2</sup>

Ripcord®

Solid Rod Set<sup>3</sup>

Slotted Tip

Obstruction Remover

Double End AP Brush

0.5 oz Solvent

Cleaning Patches

Instruction Manual

<sup>1</sup>PISTOL KITS ONLY

<sup>2</sup>RIFLE OR RIFLE/PISTOL KITS ONLY

<sup>3</sup>PISTOL KITS ONLY HAVE 1 ROD SECTION

\*MFG-901-556-9 SHOWN



DESCRIPTION	NSN	PART#
5.56mm Rifle with Gerber MP600 multi-tool	1005-01-624-1673	#MFG-901-IM0D
5.56mm Rifle Kit	1005-01-653-9588	#MFG-901-IM0D-NT
7.62mm Rifle		#MFG-901-762
9mm Pistol		#MFG-901-9MM
.40 cal Pistol		#MFG-901-40
.45 cal Pistol		#MFG-901-45
5.56mm & 7.62mm Rifle		#MFG-901-5576
5.56mm Rifle & 9mm Pistol		#MFG-901-556-9*
5.56mm Rifle & .40 cal Pistol		#MFG-901-5540
5.56mm Rifle & .45 cal Pistol		#MFG-901-5545
7.62mm Rifle & 9mm Pistol		#MFG-901-762-9
7.62mm Rifle & .40 cal Pistol		#MFG-901-7640
7.62mm Rifle & .45 cal Pistol		#MFG-901-7645



- 1 CALIBER SPECIFIC BORE BRUSHES IN TUBE
- 2 SOLID ROD CLEANING
- 3 SLOTTED TIP AND OBSTRUCTION REMOVER IN TUBE
- 4 MEMORY-FLEX® CABLES AND CALIBER SPECIFIC RIPCORD®
- 5 DOUBLE END AP BRUSH FOR LARGE SURFACE SCRUBBING AND PRECISION CLEANING
- 6 ELASTIC STRAPS HOLD COMPONENTS SECURELY IN PLACE
- 7 MESH POCKETS FOR PATCHES, CHEMICALS, COMPONENT TUBES OR CHAMBER BRUSHES (DEPENDS ON SKU)
- 8 ADDITIONAL EXTERIOR POCKETS
- 9 M.O.L.L.E. STRAP
- 10 9" X 4" X 2" ZIPPED SOFT PACK CASE



# T-MOD - MULTI-CALIBER KIT

CLEANS MULTIPLE WEAPON SYSTEMS; IDEAL FOR TEAM USE



ALSO AVAILABLE WITH

## AR TOOLS

#MFG-900-57912

## AR TOOLS + AR MULTI-TOOL

#MFG-900-57912 MTB

## T-MOD CLEANING KIT

#MFG-211-TMOD

**CLEANS 5.56MM & 7.62MM RIFLES  
AND 9MM & .45 CAL PISTOLS**

12" x 10" x 2.625" Soft Pack

Memory-Flex® Cables  
8" [with affixed tip] | 30"

Ripcord®  
5.56mm | 7.62mm | 9mm | .45 cal

Bronze Bore Brushes  
5.56mm | 7.62mm | 9mm | .45 cal

5.56mm Chamber Brush

Solid Rod Set | NATO Adapter

Slotted Tips  
Small | Large

Obstruction Removers  
Small | Large

Scraper (2)

Straight & Bent Picks (2 ea)

Locking Lug Scraper (2)

Blue Nylon All Purpose Brush (2)

Pipe Cleaners (12)

Dust Brush (2) | Lens Spray (2)

Lens Brush (2) | Lens Cloth (2)

Cotton Swabs (10)

Dust Cap (2)

1.25 ounce empty bottle (for solvent)

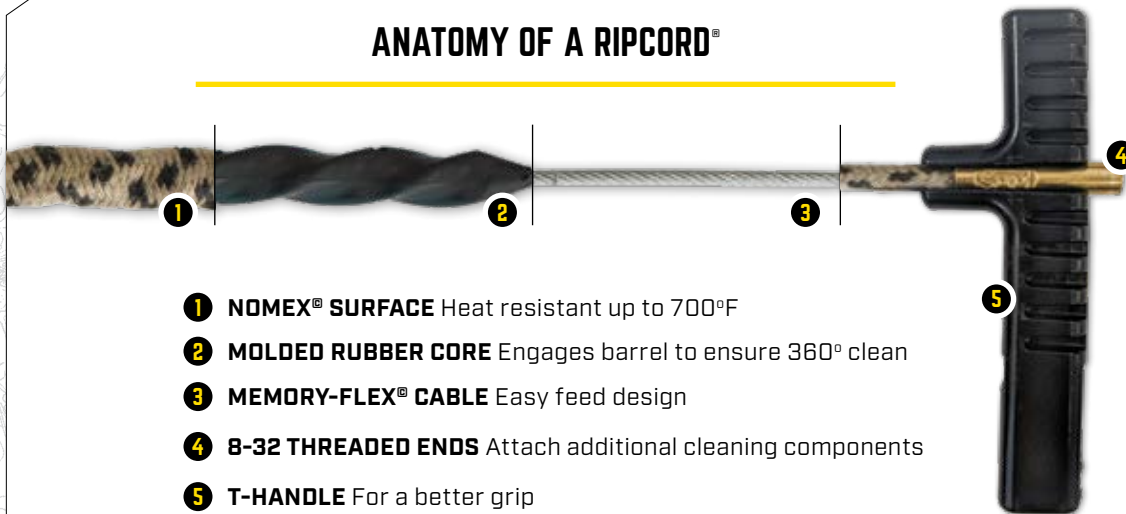
Cleaning Patches  
2" Cotton (10) | 3" Panoply (10)

Instruction Manual

# RIPCORD®

ONE PASS PULL-THROUGH BORE CLEANER

## ANATOMY OF A RIPCORD®



- 1 **NOMEX® SURFACE** Heat resistant up to 700°F
- 2 **MOLDED RUBBER CORE** Engages barrel to ensure 360° clean
- 3 **MEMORY-FLEX® CABLE** Easy feed design
- 4 **8-32 THREADED ENDS** Attach additional cleaning components
- 5 **T-HANDLE** For a better grip

### RIFLE (36")

DESCRIPTION	PART#	NSN
.223 cal / 5.56mm	#FG-RC-325	1005-01-629-3981
.260 cal / 6.5mm	#FG-RC-264	
6.8mm	#FG-RC-270	
.308 cal / 7.62mm .300 win mag .300 blackout	#FG-RC-330	1005-01-628-8468
.338 cal	#FG-RC-3308	1005-01-653-9582
.50 cal / 12.7mm	#MFG-RC-550	1005-01-665-7797

### PISTOL (22.5")

DESCRIPTION	PART#	NSN
9mm	#FG-RC-338	1005-01-653-9584
.40 cal	#FG-RC-341	
.45 cal	#FG-RC-345	1005-01-653-9586

### SHOTGUN (45")

DESCRIPTION	PART#	NSN
12 ga	#FG-RC-512	

\*Note: .50 cal Ripcord® has a 45" length

\*\*Note: Longer length available



# M4 / M16 / M249 SAW

## CLEANING KITS



### 5.56MM SOFT PACK

#MFG-223-2

NSN: 1005-01-448-8513

**CLEANS 5.56MM RIFLES & OPTICS**

4" x 4" x 2½" Soft Pack  
with MOLLE Strap

Memory-Flex® Cables  
8" | 30"

Bronze Bore Brushes  
5.56mm [2]

Slotted Tip

Obstruction Remover

T-Handle

End Brush

Scraper

Straight & Bent Picks

Locking Lug Scraper

Short AP Brush & Rod Handles

NATO Adapter

Mohair Lens Brush

Lens Spray

Lens Tissues

Cotton Swabs

0.5 oz Mil. Spec CLP

Cleaning Patches  
2" [10] | 3" [10]

Chamber Flag

Instruction Manual



### 5.56MM / 9MM SOFT PACK

#MFG-556-9MM

NSN: 1005-01-561-6181

**CLEANS 5.56MM RIFLES,  
9MM PISTOLS & OPTICS**

4" x 4" x 2½" Soft Pack  
with MOLLE Strap

Memory-Flex® Cables  
8" | 30"

Bronze Bore Brushes  
5.56mm | 9mm

Slotted Tip

Obstruction Remover

T-Handle

End Brush

Scraper

Straight & Bent Picks

Locking Lug Scraper

Short AP Brush & Rod Handles

NATO Adapter

Mohair Lens Brush

Lens Spray

Lens Tissues

Cotton Swabs

0.5 oz Mil. Spec CLP

Cleaning Patches  
2" [10] | 3" [10]

Chamber Flag

Instruction Manual

ALSO AVAILABLE IN  
**5.56MM / .45 CAL**

#MFG-556-45



# M4 / M16

KITS TO FIT IN RIFLE STORAGE



## 5.56MM GRIP KIT

#MFG-225-56

NSN: 1005-01-526-7294

**CLEANS 5.56MM M4/M16 RIFLES**

1¼" x 3¾" x ½" Grip Kit™

26" Grip Kit Memory-Flex® Cable

5.56mm Bronze Bore Brush

Slotted Tip

Obstruction Remover

T-Handle

5/32 hex key, Grip Kit™ clip  
& hex cap screw

NATO Adapter

2" Cleaning Patches (10)

Chamber Flag

Instruction Manual



## M16 BUTTSTOCK

#MFG-224

NSN: 1005-01-561-6181

**CLEANS 5.56MM RIFLES**

2¼" x 8¾" x 1¼" Soft Pack

30" Memory-Flex® Cable

5.56mm Bronze Bore Brush

5.56mm Chamber Brush

Solid Rod Section

Slotted Tip

Obstruction Remover

T-Handle

Double End All Purpose Brush

NATO Adapter

Pipe Cleaners (3)

0.5 oz Mil. Spec CLP

2" Cleaning Patches (10)

Chamber Flag

Instruction Manual



# M4 / M16 CLEANING TOOLS

MAINTENANCE TOOLS FOR YOUR STANDARD ISSUE M4/M16 RIFLE PLATFORM

## B.O.N.E.® TOOL

**CLEANS BOLT / BOLT CARRIER / FIRING PIN OF ARs**

The B.O.N.E.® Tool was designed specifically to clean carbon and fouling from the bolt carrier assembly area of AR style rifles. This quick-clean tool scrapes fouling from the bolt, bolt carrier and firing pin. Also includes an 8-32 threaded hole to act as T-handle. Available for 5.56mm or 7.62mm AR style rifles.

**Note:** While this tool fits many bolts flawlessly, it may fit some bolts better than others due to variance in bolts by different manufacturers.

5.56mm B.O.N.E.® Tool    #IP-246 B    NSN: 1005-01-647-0562

7.62mm B.O.N.E.® Tool    #IP-276 B



Actual size shown



## M4 SAT (SIGHT ADJUSTMENT TOOL)

#FG-252 BX

**.223 CAL / 5.56MM AR RIFLES**

This easy to use tool simply pushes down onto the front sight post. Rotate the click wheel on the tool clockwise to lower the post and counterclockwise to raise the post. You can hear and feel the tool click. Comes in a 2 pack.



## 5.56MM M4/M16

#MFG-904-M4M16

**CLEANS 5.56MM AR BCG, STAR CHAMBER ARE AND GAS TUBE VENT**

4" x 4" x 2½" Soft Pack with MOLLE Strap

Chamber Brush

Star Chamber Scraper Tool

Star Chamber Felt Pads (6)

Vent Hole Scraper

5.56mm B.O.N.E.® Tool

Double End AP Brush



## STAR CHAMBER SCRAPER TOOL

**CLEANS STAR CHAMBER AREA OF AR STYLE RIFLES**

This tool quickly and effectively cleans the star chamber in just a few twists. It features a parkerized steel scraper to remove fouling build-up and felt cleaning pads to pick up the fouling loosened by the scraper. The coated brass nose piece centers the tool in the chamber for proper cleaning, while ensuring it won't scratch or damage the firearm. With B-32 threads, a chamber brush or other scraper components can be attached to this tool for added cleaning.

Star Chamber Cleaning Tool (.223 cal/5.56mm / AR-15 platforms)	#FG-2715
Star Chamber Cleaning Tool (.308 cal/7.62mm / AR-10 platforms)	#FG-2717
.223 cal/5.56mm Star Chamber Cleaning Pads (12 ct.)	#FG-2715-PD B
.223 cal/5.56mm Star Chamber Pads (200 ct.)	#FG-2715PD-200
.308 cal/7.62mm Star Chamber Cleaning Pads (12 ct.)	#FG-2717-PD B
.308 cal/5.56mm Star Chamber Pads (100 ct.)	#FG-2717PD-100

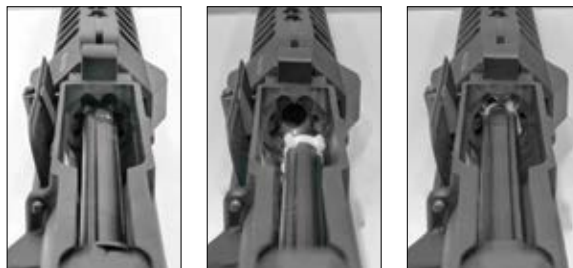


*Unscrew nose piece to assemble scraper or felt cleaning pad*

*Insert scraper into star chamber and twist to scrape*

*Replace with a cleaning pad and slide into position*

*Twist to clean. Repeat as many times as desired until clean*



## AR MAINTENANCE TOOL SET

#FG-932-5

**CLEANS .223 CAL/5.56MM RIFLES**

Includes a scraper, locking lug scraper, straight pick, pin punch, nylon end brush, compact receiver brush, and two rod handles to clean locking lugs, slides, rails and any other hard to reach areas.



## AR VENT HOLE SCRAPER

#IP-2455 B

**CLEANS .223 CAL/5.56MM RIFLES**

Cleans the area where the gas tube enters the upper receiver to prevent oil blow back. For .223 cal./5.56mm AR-style rifles.



# M24 / M240 / M110 / M14 EBR

CLEANING KITS FOR .308 CAL / 7.62 RIFLE PLATFORMS



## .308 CAL/7.62MM RIFLE

#MFG-308-6

NSN: 1005-01-451-5119

**CLEANS 7.62MM RIFLES**

4" x 4" x 2½" Soft Pack  
with MOLLE Strap

Memory-Flex® Cables  
8" | 30"

Bronze Bore Brush  
7.62mm

Chamber Brush

Slotted Tip

Obstruction Remover

T-Handle

End Brush

Scraper

Straight & Bent Picks

Short AP Brush & Rod Handle

NATO Adapter

Mohair Lens Brush

0.5 oz Mil. Spec CLP

3" Panoply Patches (10)

Chamber Flag

Instruction Manual



## 7.62MM / 5.56MM SNIPER

#MFG-308-7

NSN: 1005-01-453-3783

**CLEANS 5.56MM & 7.62MM RIFLES**

4" x 4" x 2½" Soft Pack  
with MOLLE Strap

Memory-Flex® Cables  
8" | 30"

Bronze Bore Brushes  
5.56mm | 7.62mm

Chamber Brushes (2)

Slotted Tip  
Small | Large

Obstruction Remover  
Small | Large

T-Handle

End Brush

Scraper

Straight & Bent Picks

Locking Lug Scraper

Short AP Brush & Rod Handles

NATO Adapter

Mohair Lens Brush

0.5 oz Mil. Spec CLP

Cleaning Patches  
2" Cotton (10) | 3" Panoply (10)

Chamber Flag

Instruction Manual





# ADDITIONAL RIFLE CLEANING KITS

## COMBINATION CLEANING KITS



### .308/.338 CAL SNIPER

#MFG-308-338

NSN: 1005-01-605-7612

**CLEANS .308 CAL, .300 WIN MAG  
& .338 CAL RIFES**

4" x 4" x 2½" Soft Pack  
with MOLLE Strap

Memory-Flex® Cables  
8" | 30"

Bronze Bore Brushes  
.308 cal | .338 cal

Chamber Brush

Slotted Tip

Obstruction Remover

T-Handle

Scraper

End Brush

Straight & Bent Picks

Short AP Brush & Rod Handle

NATO Adapter

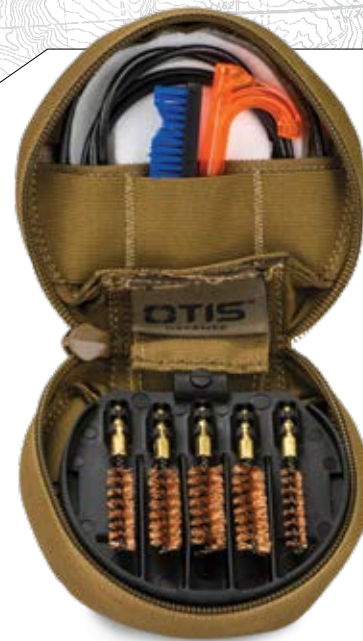
Mohair Lens Brush

0.5 oz Mil. Spec CLP

3" Panoply Patches (10)

Chamber Flag

Instruction Manual



### DELUXE MILITARY

#MFG-85211-5

NSN: 1005-01-526-7354

**CLEANS 5.56MM & 7.62MM RIFLES,  
12 GA SHOTGUNS AND 9MM  
THROUGH .45 CAL PISTOLS  
& SUB GUNS**

4" x 4" x 2½" Soft Pack  
with MOLLE Strap

Memory-Flex® Cables  
8" with affixed tip | 8" | 30"

Bronze Bore Brushes  
5.56mm | 7.62mm | 9mm  
.40 cal | .45 cal | 12 GA

Slotted Tips  
Small | Large | Shotgun

Obstruction Removers  
Small | Large | Pistol

T-Handle

End Brush

Scraper

Straight & Bent Picks

Locking Lug Scraper

Short AP Brush & Rod Handles

NATO Adapter

0.5 oz Mil. Spec CLP

Cleaning Patches  
2" Cotton (10) | 3" Cotton (10)

Patch Savers® (2)

Chamber Flag

Instruction Manual



# MULTI-CALIBER RIFLE CLEANING KITS

FROM BASIC TO IMPROVED WEAPONS CLEANING

## MARINE CORP KIT

#MFG-905-224

**CLEANS 5.56MM RIFLES  
& 9MM PISTOLS**

9 $\frac{1}{8}$ " x 4" Soft Case

5.56mm Ripcord®

Bronze Bore Brushes  
5.56mm | 9mm

5.56mm Chamber Brush  
Slotted Tip

Obstruction Remover

Section Rod Kit & Pistol Loop Rod

Blue Nylon AP Brush

0.5 oz Solvent Bottle

2" Cotton Cleaning Patches (10)

Instruction Manual



## BASIC WEAPONS

#MFG-904-5794

**CLEANS 5.56MM & 7.62MM RIFLES  
AND 9MM & .45 CAL PISTOLS**

8 $\frac{1}{16}$ " x 3 $\frac{3}{4}$ " Soft Case

30" Memory-Flex® Cable

Bronze Bore Brushes  
5.56mm | 7.62mm | 9mm | .45 cal

5.56mm Chamber Brush

Slotted Tip

Obstruction Remover

Section Rod Kit

Blue Nylon AP Brush

0.5 oz Mil. Spec CLP

3" Cotton Cleaning Patches (10)

Instruction Manual



## IWCK

IMPROVED WEAPONS CLEANING KIT

#MFG-211-IWCK

NSN: 1005-01-562-7393

**CLEANS 5.56MM & 7.62MM RIFLES,  
9MM & .45 CAL PISTOLS**

9" x 5" x 4" Soft Pack  
with ALICE clips

Memory-Flex® Cables: 8" | 30"

Bronze Bore Brushes  
5.56mm | 7.62mm | 9mm | .45 cal

5.56mm Chamber Brush

Slotted Tip

Obstruction Remover

T-Handle | Scraper

Straight & Bent Picks

Locking Lug Scraper

Short AP Brush & Rod Handle

NATO Adapter

1.25 oz bottle for solvent

Gerber MP600 Multi-Tool

8-32 Solid Rod Set

Mohair Lens Brush

Lens Cleaner | Lens Cloth

Cotton Swabs | Pipe Cleaners

Dust Brush | Dust Cap

Cleaning Patches  
2" Cotton (10) | 3" Panoply (10)

Chamber Flag

Instruction Manual



# SOLDIER TOOL KITS

CUSTOMIZED CLEANING KITS FOR A VARIETY OF WEAPON SYSTEMS

## SOLDIER TOOL KITS

### AVAILABLE IN 7 CONFIGURATIONS

- 9" x 5" x 2" Soft Pack with MOLLE Strap
- Memory-Flex® Cables
- Bronze Bore Brush
- Chamber Brush
- Large Caliber Slotted Tip
- Obstruction Remover
- Thread Connector
- T-Handle
- Scraper
- End Brush
- Straight Pick
- NATO Adapter
- Short AP Brush & Rod Handle
- 0.5 oz Mil. Spec CLP
- Cleaning Patches (10)
- Patch Savers® (kit specific)
- Stylus Pen Light
- Gerber MP600 Multi-tool
- Mohair Lens Brush
- Lens Cleaner
- Lens Tissue
- Cotton Swabs
- Chamber Flag
- Instruction Manual



Gerber multi-tool and stylus LED flashlight housed in outside pocket



## AVAILABLE CONFIGURATIONS

DESCRIPTION	PART #	NSN#
5.56mm Military Tool Kit	#MFG-640-16	
7.62mm Military Tool Kit	#MFG-640-76	1005-01-634-0316
Pistol/Subgun Military Tool Kit - 9mm, 9mm variants	#MFG-640-38	
Combat Shotgun Military Tool Kit - 12 ga	#MFG-640-41	
.50 Caliber Military Tool Kit	#MFG-640-50	
Law Enforcement Tool Kit - 5.56mm, .308 cal/7.62mm, 9mm, .40 cal, .45 cal, 12 ga	#FG-640-852 H	
Law Enforcement Pistol Tool Kit 9mm - .45 cal.	#FG-640-645 H	

# PISTOL CLEANING KITS

FOR YOUR 9MM OR .45 CAL SIDEARM



## 9MM PISTOL

#MFG-645-1

NSN: 1005-01-528-7843

**CLEANS 9MM PISTOLS**

4" x 4" x 2½" Soft Pack  
with MOLLE Strap

Memory-Flex® Cables  
8" with affixed tip | 8"

9mm Bronze Bore Brush

9mm Nylon Bore Brush

Slotted Tip

Obstruction Remover

T-Handle

End Brush

Scraper

Straight & Bent Picks

Short AP Brush & Rod Handle

NATO Adapter

0.5 oz Mil. Spec CLP

3" Panoply Cleaning Patches (10)

Chamber Flag

Instruction Manual



## .45 CAL PISTOL

#MFG-645-2

NSN: 1005-01-528-7843

**CLEANS 9MM PISTOLS**

4" x 4" x 2½" Soft Pack  
with MOLLE Strap

Memory-Flex® Cables  
8" with affixed tip | 8"

.45 cal Bronze Bore Brush

.45 cal Nylon Bore Brush

Slotted Tip

Obstruction Remover

T-Handle

End Brush

Scraper

Straight & Bent Picks

Short AP Brush & Rod Handle

NATO Adapter

0.5 oz Mil. Spec CLP

3" Panoply Cleaning Patches (10)

Chamber Flag

Instruction Manual



# .50 CAL AND SHOTGUN CLEANING KITS

FOR HEAVY HITTING WEAPONS



## .50 CAL RIFLE SOFT PACK

#MFG-255-3

NSN: 1005-01-445-6804

**CLEANS .50 CAL WEAPONS SYSTEMS**

4" x 4" x 2½" Soft Pack with MOLLE Strap

Memory-Flex® Cables\*  
8" | 40"

.50 cal Bronze Bore Brush\*

Chamber Brush\*

Large Caliber Slotted Tip\*

Obstruction Remover\*

Thread Connector

T-Handle

Scraper\*\*

End Brush\*\*

Short AP Brush & Rod Handle\*\*

0.5 oz Mil. Spec CLP

3" Panoply Cleaning Patches (10)

Chamber Flag

Instruction Manual

\*10-32 thread end

\*\*8-32 thread end



## 12 GA COMBAT SHOTGUN

#MFG-410-8

NSN: 1005-01-455-0565

**CLEANS 12 GA SHOTGUNS**

4" x 4" x 2½" Soft Pack with MOLLE Strap

30" Memory-Flex® Cable

12 ga Bronze Bore Brush

Gas Tube Brush

Shotgun Slotted Tip

Obstruction Remover

T-Handle

Patch Savers® (2)

NATO Adapter

0.5 oz Mil. Spec CLP

3" Panoply Cleaning Patches (10)

Chamber Flag

Instruction Manual



# M203 / MK19 / M320

## 37MM/40MM GRENADE AND LESS LETHAL LAUNCHERS



### 40MM/5.56MM WEAPONS

#MFG-935-556

NSN: 1005-01-565-0882

**CLEANS 40MM GRENADE  
LAUNCHERS & 5.56MM RIFLES**

4" x 4" x 2½" Soft Pack  
with MOLLE Strap

Memory-Flex® Cables  
20" (with end cap) | 30"

Bronze Bore Brushes  
5.56mm | .35 cal

40mm Disk Brush

Slotted Tip

Obstruction Removers  
Small | Pistol

Pull Through Handle

Pin Punch      End Brush

Scraper

Straight & Bent Pick

Locking Lug Scraper

Short AP Brush & Rod Handle

NATO Adapter

0.5 oz Mil. Spec CLP

Cotton Cleaning Patches  
2" (10) | 4" (10)

Chamber Flag

Instruction Manual

ALSO AVAILABLE IN

**40MM ONLY**

#MFG-935



### LESS LETHAL CLEANING KITS

#LFG-374012

**CLEANS 37MM/40MM  
GRENADE LAUNCHERS**

10" x 4" x 2" Soft Pack with  
MOLLE Strap

30" Memory-Flex® Cable\*

37/40mm Brush

12 ga Bronze Bore Brush

8-in-1 T-Tool

0.5 oz Shooter's Choice FP-10  
Lubricant Elite®

3" Specialized Cleaning  
Patches (10)

Instruction Manual

#LFG-3740

**CLEANS 37MM/40MM  
GRENADE LAUNCHERS**

10" x 4" x 2" Soft Pack with  
MOLLE Strap

30" Memory-Flex® Cable\*

37/40mm Brush

8-in-1 T-Tool

3" Specialized Cleaning  
Patches (10)

Instruction Manual



# 105MM / 120MM / 155MM ARTILLERY

## BIG BORE CLEANING SYSTEM



BRUSH WITH SOCK  
OVER ARBOR



CABLE

### BIG BORE CLEANING EQUIPMENT

**CLEANS 105MM, 120MM  
OR 155MM ARTILLERY**

The Otis Big Bore Cleaning Equipment is designed to clean and maintain artillery, mobile artillery pieces and main gun of tanks. The swab/brush combo cleans from Breech-to-Muzzle® and decreases the amount of personnel needed to clean the weapon platform. The swab section features a sock over an expanding disc system that, when compressed, expands to fit the bore for a more effective clean. Available in 105mm, 120mm or 155mm configurations.

### CLEANING KITS

DESCRIPTION	PART #
105mm Big Bore	#MFG-BB-105
120mm Big Bore	#MFG-BB-120
155mm Big Bore	#MFG-BB-155

### REPLACEMENT ITEMS

DESCRIPTION	PART #
105mm Brush	#RW-105MM
120mm Brush	#RW-120MM
155mm Brush	#RW-155MM
Sock [1 size fits all]	#RW-SK10

# RANGE BOXES

FOR GROUP CLEANING FROM 10 TO 25 PEOPLE

## RANGE BOXES

AVAILABLE IN MULTIPLE CALIBER CONFIGURATIONS

4" x 4" x 2½" Soft Pack with MOLLE Strap

Memory-Flex® Cables

Bronze Bore Brushes

Slotted Tips

Obstruction Removers

T-Handle

End Brush

Scraper

Straight & Bent Picks

Locking Lug Scraper

Short AP Brush & Rod Handles

NATO Adapter

CLP

Cleaning Patches

2" Cotton | 3" Cotton

Patch Savers®

Chamber Flag

Instruction Manual

Components and quantity vary based on SKU



\*Shown in picture

## TRAINING RANGE BOX

(IDEAL FOR 25 PEOPLE)

DESCRIPTION	PART #
.223 cal/5.56mm*	#FG-4016-556-T
.308 cal/7.62mm	#FG-4016-762-T
9mm	#FG-4016-9MM-T
.40 cal	#FG-4016-40-T
.45 cal	#FG-4016-45-T

## TEAM RANGE BOX

(IDEAL FOR 10 PEOPLE)

DESCRIPTION	PART #
.223 cal/5.56mm & 9mm	#FG-4016-9MM
.223 cal/5.56mm & .40 cal	#FG-4016-41
.223 cal/5.56mm & .45 cal	#FG-4016-45
.223 cal/5.56mm, 9mm & 12 ga	#FG-4016-9MM-410
.223 cal/5.56mm, .40 cal & 12 ga	#FG-4016-41-410
.223 cal/5.56mm, .45 cal & 12 ga	#FG-4016-45-410

## UNIVERSAL RANGE BOX

DESCRIPTION	PART #
5.56mm, 7.62mm, 9mm & 12 ga	#FG-4016-U





# AK47 / AK74 / RPK / PKM / SVD

## RUSSIAN DESIGNED PLATFORMS

### NONSTANDARD CLEANING KITS

#### CLEANS AK PLATFORMS

When conditions are subpar, deposits and fouling can build-up in your rifle in a hurry. Keep your rifle clean and clear with this compact and lightweight cleaning system. Even hard to reach areas, like the chamber, are quick and easy to clean with the flex adapter. Simply attach one end to the female rod and the other to the chamber brush so it can flex into the chamber for cleaning. Be sure to use the obstruction remover and t-handle for a better grip. Available in four caliber variations: 5.45 x 39mm, 7.62 x 39mm, 5.56 x 45mm, and 7.62 x 51mm.

	Envelope Case	Buttstock Case
5.56 x 45mm Cleaning Kit	#FG-904-2474-G556	#FG-2474-G-556
5.45 x 39mm Cleaning Kit	#FG-904-2474-545	#FG-2474-545
7.62 x 39mm Cleaning Kit	#FG-904-2474-762	#FG-2474-762
7.62 x 51mm Cleaning Kit		#FG-2474-G-762
7.62 x 51mm Cleaning Kit		#FG-904-2474

#### AVAILABLE IN 8 CONFIGURATIONS

Buttstock Case *or* Envelope Case\*

30" Memory-Flex® Cable

Bronze Bore Brush

Chamber Brush

Flex Adapter

Slotted Tip

Obstruction Remover

T-Handle

Scraper

Blue Nylon AP Brush

Bronze AP Brush

Cleaning Patches (10)

Chamber Flag

Instruction Manual

\*Depends on SKU

### AK SCRAPER TOOL

#IP-241-B

#### WORKS ON AK-47 & AK-74 RIFLES

Removes carbon fouling and build up from the gas block and piston



# ARMORER'S TOOL CASE

MAINTAINING AND REPAIRING ALL WEAPON PLATFORMS

## SMALL ARMS ARMORER'S TOOL CASE

#MFG-4101

NSN: 1005-01-666-7282

**5.56MM, 7.62MM, 9MM,  
.45 CAL, .50 CAL AND 12 GA**

Open: 24 x 42½ x 17¼

Closed: 24" x 14¼ x 17¼

Memory-Flex® Cables with  
affixed slotted tips

Bronze Bore Brushes

Chamber Brushes

Lens Cleaning Gear

AR Maintenance Tool Set

Pipe Cleaners

All Purpose Receiver Brushes

2 oz. CLP

2" & 3" Cleaning Patches

Hex Keys

Files

Tape Measure

Punches

Filing Stones

Screwdrivers

Pliers

Wire Snips

Wrenches

Hammers

Pen Light

File Card & Brush

Vise



Designed to repair and maintain all small arms weapons systems including 5.56mm, 7.62mm, 9mm, .45 cal, .50 cal and 12 ga. This 24" x 14¼ x 17¼ Pelican case comes with four drawers with foam inserts to hold all components and tools in place.



# PRO+ GENERAL MAINTENANCE TOOLS

SECURELY AND SAFELY DISASSEMBLE YOUR WEAPON SYSTEM

## WISE SOFT JAWS



Composed of a non-slip rubber material, these soft jaws have the perfect balance of hardness to keep even the smallest parts clamped and flexibility to mold to the various shapes of a firearm. Softer than gun parts, these soft jaws will not mar or scratch gun metals. The rubber is oil, solvent and alcohol resistant and easily wipes clean. They have a top lip which not only helps protect the firearm but in conjunction with embedded magnets, also hold the Soft Jaws to the jaws of the vise.

DESCRIPTION	PART #	PRODUCT INFO
General Use	#FG-VSJ-GEN	Flat surface, barrel channels sized .625" and .750" for secure clamping of round objects such as bolts and barrels
Flat	#FG-VSJ-FLT	Large, flat surface to clamp large flat objects such as firearm receivers with total security
Remington 700	#FG-VSJ-R700	Features a barrel bracket cutout to fit the factory locking lug or any after-market barrel bracket up to .400" in thickness
Remington 1100	#FG-VSJ-R1100	Features a necessary contour which allows the Soft Jaw to clamp with even pressure on the barrel as well as the top rib
AK	#FG-VSJ-AK	Detailed contouring and rivet holes to perfectly fit and securely hold rifles of the AKM pattern, the most commonly found AK style (will not fit RPK pattern AK rifles)

## BENCH BLOCK

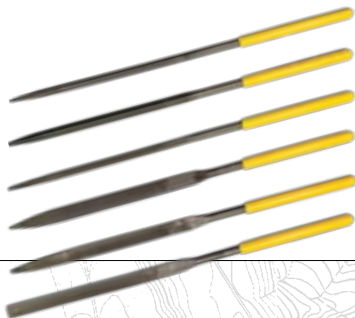
#FG-BBLK-1

The block is the perfect balance of hardness to ensure minimal energy loss when punching out pins while also protecting your firearm. A variety of oversized holes are featured on the block to allow for pin removals sized  $1/16"$  -  $3/4"$  thus covering every firearm's needs. Flat and round pockets securely accommodate nearly any pistol slide, while the v-cut offers a stable surface for working with larger round objects such as a rifle bolt or top of a rounded pistol slide. The square hole is designed to assist while easily removing the rear sight from nearly any pistol. The block also features a magnet to store small parts such as springs and pins.



## GUNSMITHING FILE SET

#FG-934



These hardened steel alloy files make the perfect addition to any work bench and make quick work of any project. With dipped handles that stand up to any job and provide easy maneuverability, superior grip and excellent control. Perfectly suited for precise work, the 6 Piece Needle File Set increases your accuracy during use while reducing hand and wrist stress. The included PVC pouch provides a storage option keeping your tools neatly organized and protected. Each piece is 5.5" long with 3.5" file length.

Includes one of each, round, half-round, flat, flat warding, square and triangular file

# PISTOL MAINTENANCE TOOLS

VERSATILE MULTI-TOOLS FOR YOUR SIDEARM



## 8-IN-1 PISTOL T-TOOL

#FG-THT-P1

This small, yet mighty tool is an essential item for any striker-action pistol owner. Handles a variety of maintenance needs for your pistol. All in one tool that easily fits in your pocket, range bag or pistol case. The base handle has four distinct purposes - 1/4" bit driver, 8-32 threaded insert to accommodate additional components, Memory-Flex® cable slot for use as a T-handle and punch hammer for resetting pins. The tool also includes four bits that seat in the magnetized bit driver. The pin punch has additional length to fully push takedown pins through the frame. Keep from losing the nut on the front site with the magnetized front site adjustment tool. The tool also comes with one 5/32" flat head and one #0 Phillips bit.



## ARMORER'S PISTOL TOOL

#FG-248-645C

The Armorer's Pistol Tool offers four tools in one to service and maintain your semi-automatic pistols such as Glock, Sig Sauer, Smith & Wesson, Ruger, Taurus, FNH, and H&K. Simply unscrew the nylon end brush to reveal a storage area for additional tools. Disassemble your pistol with ease using the 3/32" pin punch to knock out pins. Install, adjust or remove after-market front sights with the 3/16 nut driver. Remove the trigger connector with the small flat head screwdriver. Brush off any debris with the nylon end brush. The main body of the tool is textured for improved grip while working. Clip the tool in your pocket or in a compartment of your range bag.

# LONGTERM STORAGE SOLUTIONS

PROTECT YOUR WEAPONS

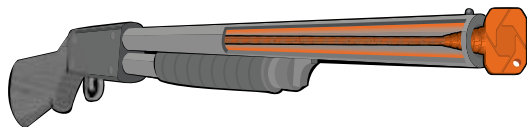


## RUST STOPPER™ VCI BAGS

Prevent your guns from rust & corrosion by placing them in a Rust Stopper™ VCI Bag prior to storing for the season. These bags feature a zip top closure for ease of use and protect both ferrous & non-ferrous metals. When used properly, these bags will help stop rust on firearms for up to three years. Available in rifle/shotgun and pistol sizes, these bags are infused with ARMOR VCI (vapor corrosion inhibitor) Nanotechnology™ to stop rust.

DESCRIPTION	PART #
VCI Bag - 1 Pistol	#FG-VCB-P1
VCI Bag - 3 Pistol	#FG-VCB-P3
VCI Bag - 1 Rifle/Shotgun	#FG-VCB-S1
VCI Bag - 2 Rifle/Shotgun	#FG-VCB-S2

## METAL DEFENSE BORE STICK™



Protect your guns from rust and corrosion with the quick and easy Metal Defense Bore Stick™. Composed of VCI, a corrosion inhibitor, the Bore Stick is inserted into the barrel of the gun for set-it-and-forget-it protection. The Bore Stick™ will slowly emit molecules that create a protective barrier on the metal surface. The Bore Stick™ features a plug to cap the muzzle and with the firearm action closed, creates a sealed chamber for maximum effectiveness. Each Metal Defense Bore Stick™ will last two years. Track time elapsed by writing the date on the plug. Available in rifle, shotgun and pistol lengths, place one in each firearm to ensure that when the season opens, your gun will be ready.



DESCRIPTION	PART #
Bore Stick™ Pistol	#FG-VC-PST
Bore Stick™ Rifle	#FG-VC-RFL
Bore Stick™ Shotgun	#FG-VC-SHG
Bore Stick™ Pistol 2 Pack	#FG-VC-PST2
Bore Stick™ Rifle 2 Pack	#FG-VC-RFL2
Bore Stick™ Shotgun 2 Pack	#FG-VC-SHG2

# ACCESSORIES AND RESUPPLY

RESTOCK OR REPLACE PATCHES, BRUSHES AND MORE

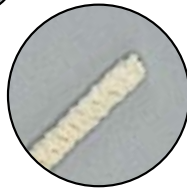
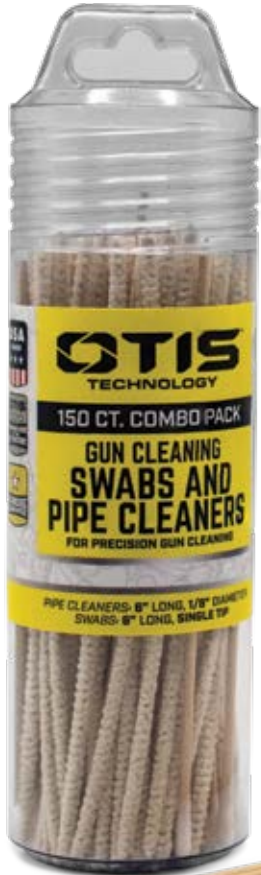
## SWABS & PIPE CLEANERS

Perfect for precision gun cleaning on hard to reach spaces or optics. Gun cleaning swabs feature a thick and absorbent cotton swab and strong 6" wooden handle. Pipe cleaners feature flexible wire core and absorbent cotton bristles. 6" long and 1/8" diameter.

Gun Cleaning Swabs (100 ct.) #FG-241-100

Gun Cleaning Swabs (100 ct.)  
& Pipe Cleaners (50 ct.) #FG-241-857

Pipe Cleaners (100 ct.) #FG-857-100



## M249 SAW SCRAPER TOOL

#IP-249 B

For the M249/SAW/Minimi. Effectively cleans the gas regulator, gas cylinder and piston on an M249.



## M4/M16 SOLID ROD SET

#MFG-904-M4M16

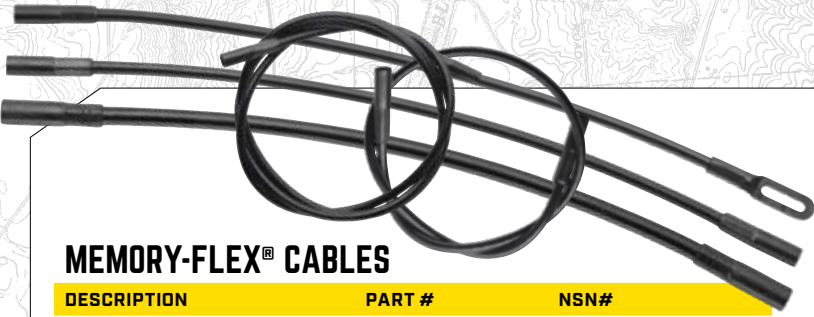
Includes Solid Rod Set and 8-32 to 8-36 Adapter.



## CHAMBER BRUSHES

DESCRIPTION	PART #	NSN#
4.6mm	#IP-460-CH	
5.56mm	#IP-367-GV	1005-01-544-7698
6.8mm	#IP-680-CH	
7.62mm	#IP-368	





## MEMORY-FLEX® CABLES

DESCRIPTION	PART #	NSN#
40" .50 cal Cleaning Cable	#IP-C-40-50-5	1005-01-460-3006
40" Cleaning Cable	#IP-C-40-5	
26" Grip Kit Cleaning Cable	#IP-C-177-26-5	1005-01-486-9932
30" Cleaning Cable	#IP-C-30-5	1005-01-449-8934
12" Cleaning Cable	#IP-C-12-5	
8" Cleaning Cable w/slotted tip	#IP-C-8-30S-5	
8" Cleaning Cable	#IP-C-8-5	1005-01-452-8675



## CLEANING PATCHES

DESCRIPTION	PART #	NSN#
2in (100 ct.)	#FG-918-100	
2in (1,000 ct.)	#FG-918-10M	
3in Panoply - Large Bore (10 ct.)	#IP-970-10 B	1005-01-445-6728
3in Panoply - Large Bore (50 ct.)	#IP-970-50	
3in (100 ct.)	#FG-919-100	
3in (1,000 ct.)	#FG-919-1M	
3in (10,000 ct.)	#FG-919-10M	
4in - 37mm/40MM Grenade Launcher (10 ct.)	#IP-920-10 B	

## BORE BRUSHES

DESCRIPTION	PART #	NSN#
5.56mm Bore Brush	#325-BGB-2-832RX	1005-01-449-8980
7.62mm Bore Brush	#330-BGB-2-832RX	1005-01-449-8999
9mm Bore Brush	#338-BGB-2-832RX	1005-01-449-9159
.45 cal Bore Brush	#345-BGB-2-832R	1005-01-449-9282
12 ga Bore Brush	#512-BGB-2-832R	1005-01-445-6518
28 ga Bore Brush	#528-BGB-2-832R	1005-01-445-6800



Features size indicated on stem to easily identify brush



## ALL PURPOSE BRUSHES

DESCRIPTION	PART #	NSN#
AP Brush - White Nylon	#IP-316	1005-00-494-6602
AP Brush - Blue Nylon	#IP-316-BLU	1005-01-578-9925
AP Brush - Bronze	#RW-316-BZ	
AP Brush - Stainless Steel**	#RW-316-SS	

## BULK BRUSHES

DESCRIPTION	PART #
100 Pack Bulk Rifle Brushes*	#IP-3##-100
50 Pack Bulk 12 ga Shotgun Brushes	#IP-512-50
50 Pack White Nylon AP Brushes	#IP-316-50
50 Pack Blue Nylon AP Brushes	#IP-316-BLU-50
50 Pack Stainless Steel AP Brushes**	#IP-316-SS-50
50 Pack Bronze AP Brushes	#IP-316-BZ-50

\*Available in .22, .25, .27, .30, .38, .40, .45, .50 cal. & 5.56, 7.62, 9mm  
 \*\*Stainless steel for use on internal firearm parts only

# CLEANERS, LUBRICANTS & PROTECTANTS

FEATURING SHOOTER'S CHOICE LINE OF CHEMICALS

## MISSION CRITICAL MC-10 HIGH PERFORMANCE CLEANER & LUBRICANT

#MFG-906-4

### HIGH PERFORMANCE LUBRICANT

- Synthetic firearm lubricant that will not freeze, burn or carbonize
- Withstands extreme conditions
- Recommended for slides, slide rails, bolt, bolt carrier, actions and other metal on metal contact points
- Safe on all gun metals and finishes

### HIGH PERFORMANCE CLEANER

- Prepares surfaces for MC-10 Lubricant, removes oils & contaminants from firearm and removes MC-10 Lubricant if desired

Includes: 1 fl. oz. spray bottle of cleaner, 1 fl. oz. spray bottle of lubricant, and microfiber gun cloth



## MC-7 BORE CLEANER

The MC-7 Bore Cleaner is the original and a staple for bore cleaning since the '80s. Highly effective in removing copper, lead, and carbon not to mention powder and wad fouling. This powerful cleaner can also be used on black powder guns.



## MC-7 EXTRA STRENGTH BORE CLEANER | 12 oz.

#SHF-MC7XT

As a result of constant testing and the pursuit to deliver the most effective products, MC-7 Extra Strength was born. As an aerosol formula, it is more efficient at breaking down harmful residues left behind in the bore. This product is also effective for black powder.

## LEAD REMOVER | 4 oz.

#SHF-LRS04

Our lead remover is a specialized formula to remove lead, carbon and powder from all your firearms without the use of harsh abrasives or mechanical devices.



## MAXIMUM STRENGTH COPPER REMOVER | 8 oz.

#SHF-CRS08

Specifically formulated to attack copper and gilded metals left by jacketed ammunition. Our copper remover also does a phenomenal job restoring accuracy and performance to old or neglected firearms.



DESCRIPTION	PART #
2 oz.	#SHF-MC702
4 oz.	#SHF-MC704
16 oz.	#SHF-MC716
1 Gallon	#SHF-MC7128



## MIL. SPEC CLP

### DESCRIPTION

### PART #

Otis CLP properly cleans, lubricates and protects all in one step and meets MIL-PRF-63430

2 oz. Mil. Spec CLP #IP-902-LC

1 gal. Mil. Spec CLP #FG-928-CLP

0.5 oz. Mil. Spec. CLP #IP-901-T-10





### FP-10 LUBRICANT ELITE® CLP

FP-10 is an elite level lubricant that dramatically reduces friction and wear on moving metal parts. This formula will not build-up or change tolerances and operates from -49°F to +500°F and even helps prevent lead and copper from accumulating. This is a very versatile product and can also be used on compound bows and fishing equipment.

### SHOTGUN & CHOKE TUBE CLEANER | 12 oz.

#SHF-SG012

Engineered to deliver superior results on shotgun barrels especially choke tubes and ports. This cleaner removes plastic, lead and powder fouling as well as carbon build-up on operating mechanisms.



### QUICK SCRUB III | 15 oz.

#SHF-DG315

When fast and convenient cleaning is important, there is no better than Quick Scrub III. This product is made to remove surface residue, powder and soft carbon without disassembly. For restoration of precision trigger pulls and trouble-free action, try this quick evaporating cleaner.

### POLYMER SAFE QUICK SCRUB | 12 oz.

#SHF-PSQ12

This synthetic based cleaner is safe to use on almost any finish. From polymers to plastics this product is harmless and can be used on dipped or painted firearms as well as wood and synthetic stock models. With the same great performance as Quick Scrub III, this is the go-to product for worry free cleaning.



### ULTRASONIC CLEANING SOLUTION | 1 GAL.

#SHF-UCS128

This bio-degradable and non-toxic formula was specifically designed to be used in ultrasonic cleaning tanks. For dissolving oil, grease and powder build-up this non-corrosive product will do the job. This is a concentrated solution and can be diluted for use.

#### DESCRIPTION

#### PART #

0.5 oz. Bottle	#SHF-FPL005
4 oz. Bottle	#SHF-FPL-4
1 Gallon	#SHF-FPL128
36 ct. canister of 0.5 oz.	#SHF-FPL036
FP-10 Precision Set	#SHF-FPLAP



### ALL WEATHER HIGH-TECH GREASE | 10cc

#SHF-G10CC

This synthetic grease effectively prevents metal damage in actions, bolts, frame rails and shotgun hinges/hardware. With the unique syringe applicator this odorless grease is easy to apply and will cling to metal surfaces for ultimate protection. Because of its formulation it will not gum-up, melt, stiffen or wash away and has an operating temperature range of -65°F to +350°F.

### RUST PREVENT | 6 oz.

#SHF-RP006

Shooter's Choice Rust Prevent is a superior moisture displacing agent that provides an ultra thin protective barrier that prevents rust and corrosion. Not only is this a must for serious gun maintenance it will neutralize fingerprint acids on all metals.



### UNIVERSAL GUN CARE PACK

#SHF-CLP01

The three essential steps in the Pro-Care System in one convenient kit. MC-7 to clean your bore, FP-10 to lubricate and Rust Prevent to protect. This universal kit has all the necessities to protect any firearm.

# HEARING PROTECTION

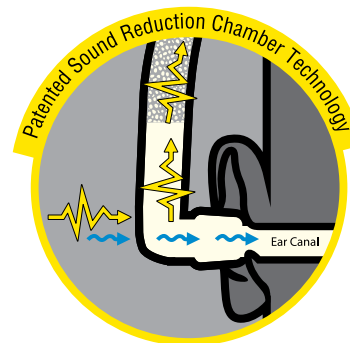
SMALL, PORTABLE HEARING PROTECTION FROM 21dB TO 33dB



**EARSHIELD™**

**Eliminates stock interference • Cool and comfortable • No batteries required  
Lightweight and collapsible • Adjustable to fit any shooter**

Otis Technology presents a smarter way to protect your hearing while improving your response to range commands and other communication. Soft ear buds form a seal around the outer ear canal and connect to the unique sound reduction chambers. Because sound energy travels the path of least resistance, high-intensity sounds, like gunfire, funnel into the wider sound reduction chambers and away from your narrow ear canals. The chamber dampens, refracts and cancels harmful waves to produce a safe volume across all frequencies. So you can hear important safety signals or conversations without removing the Ear Shield.



## DESCRIPTION

## PART #

Ear Shield 26 dB	#FG-ESH-26
Ear Shield 31 dB	#FG-ESH-31
Ear Shield Replacement Cuffs (4)	#FG-ESH-C

## EARSHIELD™ 33 DB EARPLUGS

#FG-ESH-FPNC50



Simple, effective and portable, these Premium Foam Earplugs are perfect for the range, workshop, garage and more. Toss a 50 pair can in your range bag and you'll always have ear protection. As a bonus you'll also get a water-proof screw top canister that holds 2 Earplugs that can clip onto any keyring or strap.

## FLUGZ 21dB MOLDABLE HEARING PROTECTION

#FG-FL-1C

When you form and fit FLUGZ to your ear canals, you'll discover they simply fit better than anything you've tried before. FLUGZ come housed and sealed in their own clear container which functions as a steamer during the fitting process. Inside, uniquely engineered left and right FLUGZ are ready to be molded to your ear canal.

FLUGZ are rated NRR-21 and are right in line with expensive earmuffs protecting you from percussion impact, yet they do not block your ability to hear low frequency sounds.



- Firm composite grip and lanyard post
- Soft formable hook end locks into outer ear
- Soft formable ear plug
- Firm inner core retains structure and shape

# CAPABILITY STATEMENT

Otis Technology is a trusted source for weapons maintenance kits & accessories and has invested heavily to design and develop top quality, innovative products for our men and women on the front lines. With our machinery, technology and know-how, Otis Technology can support other manufacturers and business partners with a vast portfolio of services. Please contact us for more information on how we can assist you in your next project.

- Metal Working Equipment
- Sewing Capabilities
- Brush Manufacturing
- Blister Packaging
- Rapid Prototyping
- Full Manual Machine Shop
- 5 Axis CNC Mill
- Mill / Turn CNC Machining Center
- Water-Jet
- Welding (TIG, MIG and Oxyacetylene)
- Importation of different files for rapid prototypes
- Injection Molding Machines
- Injection Blow Molding Machines
- Metal Injection Molding De-bind and Sinter Furnaces
- Automatic Fill Line available for different solvents
- QA Lab
- Engineering services available



# OTIS™

## SMART GUN CARE

### LAW ENFORCEMENT PRODUCT CATALOG



Otis is proud to support Law Enforcement efforts across the US. Each year we donate a portion of sales from our law enforcement product line to a Law Enforcement charity of our choice.





## LAWMAN SERIES

### AVAILABLE IN SINGLE AND DUAL CALIBER CONFIGURATIONS

Keep your rifle clean, clear, and ready to go with The Lawman Series weapons cleaning system, containing everything you need for a quick, one-pass clean to a full breakdown. Clean your firearm with three different cleaning methods, including the Ripcord® for a quick, one-pass clean, solid rod and everything you need for a Breech-to-Muzzle® clean with our Memory-Flex® cables, 100% cotton patches and brass components. Also included is a blue nylon all purpose brush and Shooter's Choice FP-10® Lubricant Elite. (Components vary based on sku)

.38 cal / 9mm	#LFG-901-9MM	1. Ripcord® and Memory-Flex® Cable
.40 cal	#LFG-901-40	2. Caliber Specific Bronze Bore Brush
.45 cal	#LFG-901-45	3. Double ended AP Brush
.223 cal/5.56mm / .40 cal	#LFG-901-5540	4. Brass Components
.223 cal/5.56mm / .45 cal [shown]	#LFG-901-5545	5. Solid Rod
.223 cal/5.56mm	#LFG-901-556	6. T-Tool with 4 bits
.223 cal/5.56mm / 9mm	#LFG-901-556-9	7. Shooter's Choice FP-10 Lubricant Elite®
.223 cal/5.56mm / .308cal/7.62mm	#LFG-901-5576	8. Cleaning Patches
.308 cal/7.62mm	#LFG-901-762	9. Chamber Brush
.308 cal/7.62mm / 9mm	#LFG-901-762-9	
.308 cal/7.62mm / .40 cal	#LFG-901-7640	
.308 cal/7.62mm / .45 cal	#LFG-901-7645	



## THIN BLUE LINE SERIES

### RIPCORD® KITS FOR ONE AND DONE PULL-THROUGH BORE CLEANING

The Thin Blue Line kit features an exclusive blue and gray Otis Ripcord®, caliber specific brush, slotted tip and patches in a convenient carry case. Also featured is 0.5 ounces of Shooter's Choice FP-10 Lubricant Elite®. The special edition Thin Blue Line Ripcord® Kits are available in the following calibers:

5.56mm Rifle	#LFG-913-556TBL	1. Ripcord®
7.62mm Rifle	#LFG-913-762TBL	2. Cleaning Patches
9mm Pistol [shown]	#LFG-913-9MMTBL	3. Caliber Specific Bronze Bore Brush
.40 cal Pistol	#LFG-913-40TBL	4. Brass Components
.45 cal Pistol	#LFG-913-45TBL	5. Shooter's Choice FP-10 Lubricant Elite®
12 ga Shotgun	#LFG-913-12TBL	
5.56mm / 9mm*	#LFG-913-556-9TBL	
5.56mm / .40 cal*	#LFG-913-5540TBL	
5.56mm / .45 cal*	#LFG-913-5545TBL	

\*Rifle / Pistol Combo Configuration



## POLICE / TACTICAL HANDGUN KIT

### CLEANING KITS FOR RIFLES, PISTOLS OR SHOTGUNS

Available in three different configurations, these weapons maintenance kits properly clean 9mm, .40 cal, or .45 cal. weapon platforms, featuring Ripcord® and solid rod Breech-to-Muzzle® cleaning equipment. Includes everything needed for quick field cleaning or full breakdown back in garrison.

<b>15" x 13" x 9" Soft Pack</b>	<b>Nylon &amp; Bronze AP Brushes</b>
<b>Instruction Manual</b>	Cleaning Patches: 2.5" square (200)
<b>Blue Ripcord®</b>	<b>2 oz Shooter's Choice MC-7</b>
<b>Solid Brass Cleaning Rod with Swivel handle (8-32 thread)</b>	<b>0.5 oz Shooter's Choice FP-10 Lubricant Elite®</b>
<b>Bronze Bore Brush</b>	<b>Bore Map</b>
<b>Pierce Point Jag</b>	<b>Slotted Tip</b>
<b>Lead Remover Hand Wipes &amp; Nitrile Gloves</b>	<b>Cotton Cloth for exterior wipe down</b>
<b>AVAILABLE IN 3 CONFIGURATIONS</b>	
<b>9mm Pistol</b>	<b>#LFG-101-9MM</b>
<b>.40 cal Pistol</b>	<b>#LFG-101-40</b>
<b>.45 cal Pistol</b>	<b>#LFG-101-45</b>



## ULTIMATE LE CLEANING KIT

#LFG-1001

### CLEANS 5.56MM & 7.62MM RIFLES, 9MM, .40 CAL & .45 CAL PISTOLS AND 12 GA SHOTGUNS

The ultimate in weapons maintenance, the Ultimate Cleaning Kit properly cleans 5.56mm and 7.62mm rifles, 9mm, .40cal and .45cal pistols and 12ga shotguns featuring Ripcord®, solid rods, Breech-to-Muzzle® cleaning equipment and dedicated AR cleaning tools. Also includes precision cleaning tools and optics cleaning gear giving you everything needed for a team to conduct quick field cleaning or full breakdowns.

<b>15" x 13" x 9" Soft Pack</b>	<b>Instruction Manual</b>
<b>Blue Ripcords® 5.56mm   7.62mm   9mm .40 cal   .45 cal   12 ga</b>	<b>Bronze Bore Brushes 5.56mm   7.62mm   9mm .40 cal   .45 cal   12 ga</b>
<b>Solid Rod Set (8-32 thread)</b>	<b>5.56mm Chamber Brush</b>
<b>Memory-Flex® Cable: 8"   30"</b>	<b>Slotted Tips: Small   Large</b>
<b>Obstruction Removers Small   Large</b>	<b>0.5 oz Shooter's Choice FP-10 Lubricant Elite®</b>
<b>Cleaning Patches: 2"   3" Panoply</b>	<b>Blue Nylon &amp; Bronze AP Brushes</b>
<b>Lens Brush</b>	<b>Lens Cloth &amp; Pipe Cleaners</b>
<b>Scraper</b>	<b>Locking Lug Scraper</b>
<b>Straight &amp; Bent Pick</b>	<b>Pin Punch</b>



Includes Shooter's Choice FP-10 Lubricant Elite® under the tray

## ESSENTIAL SERIES

### CLEANING KITS FOR RIFLES, PISTOLS OR SHOTGUNS

The Essential Cleaning Kits by Otis offer the essential firearm maintenance gear to properly clean from Breech-to-Muzzle®. Each cleaning kit is designed to clean one caliber or gauge. Made in the USA and at a price that won't break the bank, you can pick one up for every firearm that you own.

- Memory-Flex® cable, slotted tip, patches & bore mop for effective and correct Breech-to-Muzzle® cleaning
- Caliber specific bronze bore brush removes deposits and other fouling
- T-Handle quickly attaches to cable for added comfort
- Double-ended AP brush for cleaning hard to reach areas
- Chamber brush, rod, curved & straight locking lug pick for proper cleaning of chamber and locking lugs *(only available in .223cal/5.56mm version)*

9mm Pistol <i>(Shown Above)</i>	#LFG-701-9MM
.40 cal Pistol	#LFG-701-40
.45 cal Pistol	#LFG-701-45
5.56mm Rifle	#LFG-701-556
7.62mm Rifle	#LFG-701-762
12 ga Shotgun	#LFG-701-12



## RIFLE / PISTOL

#LFG-904-57945

### CLEANS 5.56MM & 7.62MM RIFLES, 9MM, .40 CAL & .45 CAL PISTOLS

Officers who carry more than one weapon shouldn't have to carry more than one weapons maintenance kit. You'll find all the basics in the Rifle/Pistol Cleaning Kit. Specifically designed to clean and maintain all 5.56mm and 7.62mm rifles and 9mm, .40 cal and .45 cal pistols. Includes Breech-to-Muzzle® cleaning gear with a Memory-Flex® Cable or solid rods, plus extra cleaning tools. Made in the USA and contained in a lightweight, compact soft pack case.

10" x 4" x 2" Soft Pack	5.56mm Chamber Brush
Instruction Manual	Slotted Tips
Solid Rod Set <i>(8-32 thread)</i>	Blue Nylon AP Brushes
30" Memory-Flex® Cable	Obstruction Removers
Bronze Bore Brushes 5.56mm   7.62mm   9mm .40 cal   .45 cal	0.5 oz CLP
	Cleaning Patches: 2"   3" Panoply



## LE RANGE BOXES

**AVAILABLE IN .223 CAL/5.56MM, .308 CAL/7.62MM, .38 CAL/9MM, .40 CAL AND .45 CAL**

Designed for training ops at the range but great for a group of friends or shooting club too, the Training Range Box includes enough gear for proper Breech-to-Muzzle® cleaning of up to 25 firearms at one time. Includes Memory-Flex® Cables, bronze bore brushes, brass components, blue nylon AP brushes, Mil. Spec. CLP, all neatly packed in a hard plastic range box and available in several configurations.

### TRAINING RANGE BOX (IDEAL FOR 25 PEOPLE)

.223 cal./5.56mm <i>(Shown above)</i>	#FG-4016-556-T
.308 cal./7.62mm	#FG-4016-762-T
9mm	#FG-4016-9MM-T
.40 cal.	#FG-4016-40-T
.45 cal.	#FG-4016-45-T

### TEAM RANGE BOX (IDEAL FOR 10 PEOPLE)

.223 cal./5.56mm & 9mm	#FG-4016-9MM
.223 cal./5.56mm & .40 cal.	#FG-4016-41
.223 cal./5.56mm & .45 cal.	#FG-4016-45
.223 cal./5.56mm, 9mm, 12 ga	#FG-4016-9MM-410
.223 cal./5.56mm, .40 cal., 12 ga	#FG-4016-40-410
.223 cal./5.56mm, .45 cal., 12 ga	#FG-4016-45-410
Universal Range Box 5.56mm, 7.62mm, 9mm, 12 ga	#FG-4016-U



## ELITE RANGE BOX

#FG-4016-1000

**CLEAN .17 CAL TO 12 GA**

For the professional gun owner who has it all, the Elite Range Box is the gun cleaning kit that has it all - and more. This universal gun cleaning kit provides proper Breech-to-Muzzle® cleaning for all rifles, pistols, shotguns and inline muzzleloaders. Includes 16 bore brushes plus everything needed for complete Breech-to-Muzzle® cleaning. This cleaning kit also features 4 Ripcords® - .22/.223cal, .30/.308cal, .38cal/9mm & 12 ga - for quick cleaning in the field, the B.O.N.E.® Tool which makes cleaning the bolt carrier assembly of MSR/AR style rifles a breeze, and Shooter's Choice FP-10 Lubricant Elite® (4oz and 0.5 oz bottles) and 0.34 oz All Weather Grease. Made in the USA, it includes over 60 components all contained in a portable range box that doubles as a gun vise for stability while cleaning.





## REALITY BASED TRAINING CLEANING KIT

#LFG-100-9MM | #LFG-100-556 (SHOWN ABOVE)

**CLEANS 9MM PISTOL OR .223 CAL/5.56MM RIFLES**

For firearms that are converted to use paint marker training ammunition, Otis offers the Reality Based Cleaning Kit. Training in as real-life simulated scenarios as possible is incredibly important and so is maintaining those training guns. Paint marker training ammunition leaves plastic build up that can cause cycling malfunctions if not cleaned regularly. Includes Breech-to-Muzzle® cleaning tools for properly cleaning the bore such as Ripcord®, slotted tip, bore brush and 100% cotton 2" patches. Also includes Locking lug pick and single tip cotton swabs for removing any paint or projectile fragments from the chamber, a stiff blue nylon AP brush for removing plastic or paint fouling from the bolt face and lugs. Featuring Shooter's Choice Quick Scrub and FP-10® Lubricant Elite® for proper bore cleaning. LFG-100-556 includes a Chamber brush and solid rod set for proper cleaning of star chamber area.



## LE UNIVERSAL CLEANING KIT

#LFG-998

**CLEANS .22 CAL - 12 GA**

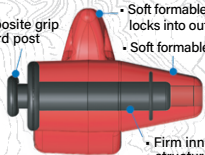
The Otis LE Universal Cleaning Kit delivers top notch performance and durability to our LEO's by ensuring a proper Breech-to-Muzzle® cleaning experience standard to the Otis® brand. This universal gun cleaning kit comes complete with 6 firearm specific bronze bore brushes as well as a 5.56mm chamber brush for cleaning AR style rifles. Designed to clean .22cal, .223cal/5.56mm, .30cal rifles, .38cal, 9mm, and .45cal pistols, and 12ga shotguns with both solid rod and Memory-Flex® cable cleaning methods, this kit also includes high quality brass components with 8-32 threads. The stiff nylon AP brush is ideal for fine cleaning and the 100% cotton patches and microfiber gun cloth tackle carbon and fouling with the help of Shooter's Choice FP-10. Packed in a hard case with durable clasps.

# EARSHIELD™

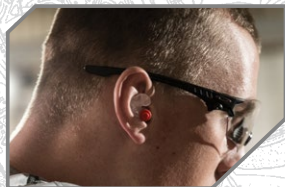


## FLUGZ

- Firm composite grip and lanyard post
- Soft formable hook end locks into outer ear
- Soft formable ear plug



- Firm inner core retains structure and shape



## HEARING PROTECTION

**21 dB THROUGH 33 dB EAR PRO**

### EARSHIELD

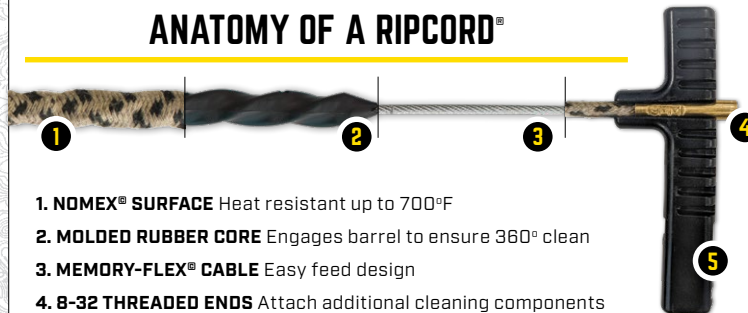
Ear Shield 26 dB	#FG-ESH-26
Ear Shield 31 dB	#FG-ESH-31
Ear Shield Replacement Cuffs	#FG-ESH-C
Ear Shield 33 dB Ear Plugs	#FG-ESH-FPNC50

### FLUGZ

Flugz 21 dB	#FG-FL-1C
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## ANATOMY OF A RIPCORD®



- 1. NOMEX® SURFACE** Heat resistant up to 700°F
- 2. MOLDED RUBBER CORE** Engages barrel to ensure 360° clean
- 3. MEMORY-FLEX® CABLE** Easy feed design
- 4. 8-32 THREADED ENDS** Attach additional cleaning components
- 5. T-HANDLE** For a better grip

## RIPCORD®

### PULL-THROUGH BORE CLEANER

Ripcord® delivers the best one-pass cleaning you can get. Run it through your gun from Breech-to-Muzzle®, with no gravity feed necessary. The rigid, helix-shaped rubber core keeps the cleaning surface pressed against the bore, engaging the rifling for an aggressive clean. The braided Nomex® surface can take up to 700° heat, so you can clean it at the range or in the field while the barrel's still hot. It's fast, effective and ultra-portable.

### AVAILABLE IN 6 CONFIGURATIONS

.223 cal / 5.56mm	#LFG-RC-325
.308 cal / 7.62mm	#LFG-RC-330
9mm	#LFG-RC-338
.40 cal	#LFG-RC-341
.45 cal	#LFG-RC-345
12 ga	#LFG-RC-512

AVAILABLE IN LONGER 46" LENGTHS



## DELUXE LAW ENFORCEMENT

#FG-B5211

**CLEANS 5.56MM & 7.62MM RIFLES,  
9MM, .40 & .45 CAL. PISTOLS/  
SUBGUNS AND 12 GA SHOTGUNS**

4" x 4" x 2½" Soft Pack

Memory-Flex® Cables  
8" (affixed slotted tip) | 8" | 30"

Bronze Bore Brushes  
5.56mm | 7.62mm | 9mm  
.40 cal | .45 cal | 12 ga

Slotted Tips  
Small | Large | Shotgun

Obstruction Removers  
Small | Large | Pistol

0.5 oz Shooter's Choice  
FP-10 Lubricant Elite®

Scraper

Straight & Bent Pick

Patch Savers®  
Small | Large

3" Cleaning Patches (10)

Chamber Flag

Instruction Manual



## LE RIFLE / PISTOL

#FG-223-645

**CLEANS .223 CAL / 5.56MM RIFLES  
AND 9MM THROUGH .45 CAL  
PISTOLS & SUB GUNS**

4" x 4" x 2½" Soft Pack

Memory-Flex® Cables  
8" (with affixed tip) | 30"

Bronze Bore Brushes  
5.56mm | 9mm | .40 cal | .45 cal

Slotted Tip

Obstruction Remover  
Small | Pistol

0.5 oz Shooter's Choice  
FP-10 Lubricant Elite®

Scraper

End Brush

Straight & Bent Pick

Short AP Brush & Rod Handles

T-Handle

Cleaning Patches  
2" | 3" (10 each)

Chamber Flag

Instruction Manual





## PROFESSIONAL PISTOL CLEANING KIT

3 SKUS - SEE BELOW

**AVAILABLE IN THREE  
CONFIGURATIONS WITH CALIBER  
SPECIFIC COMPONENTS**

4" x 4" x 2 1/2" Soft Pack

8" Memory-Flex® Cable  
*(with affixed tip)*

Bronze Bore Brush  
9mm or .40 cal or .45 cal

Bore Mop  
9mm or .40 cal or .45 cal

Obstruction Remover

0.5 oz Shooter's Choice  
FP-10 Lubricant Elite®

Scraper      End Brush

Straight & Bent Pick

Short AP Brush & Rod Handle

Pin Punch      Pull Handle

3" Panoply Cleaning Patches (10)

Chamber Flag

Instruction Manual

**9MM**

#FG-645-9\*

\*kit displayed

**.40 CAL**

#FG-645-41

**.45 CAL**

#FG-645-45



## LESS LETHAL CLEANING KITS

#LFG-374012

**CLEANS 37MM/40MM  
GRENADE LAUNCHERS**

10" x 4" x 2" Soft Pack  
with MOLLE Strap

30" Memory-Flex® Cable\*

37/40mm Brush

12 ga Bronze Bore Brush

8-in-1 T-Tool

0.5 oz Shooter's Choice  
FP-10 Lubricant Elite®

3" Specialized Cleaning  
Patches (10)

Instruction Manual

#LFG-3740

**CLEANS 37MM/40MM  
GRENADE LAUNCHERS**

10" x 4" x 2" Soft Pack  
with MOLLE Strap

30" Memory-Flex® Cable\*

37/40mm Brush

Pull Handle

3" Specialized Cleaning  
Patches (10)

Instruction Manual



# SPECIALIZED TOOLS, ACCESSORIES & RESUPPLY

## STAR CHAMBER SCRAPER TOOL

**CLEANS STAR CHAMBER AREA OF MSR/AR STYLE RIFLES**

This tool quickly and effectively cleans the star chamber in just a few twists. It features a parkerized steel scraper to remove fouling build-up and felt cleaning pads to pick up the fouling loosened by the scraper. The coated brass nose piece centers the tool in the chamber for proper cleaning, while ensuring it won't scratch or damage the firearm. With 8-32 threads, a chamber brush or other scraper components can be attached to this tool for added cleaning.

Star Chamber Cleaning Tool (.223 cal/5.56mm / AR-15 platforms)	#FG-2715
Star Chamber Cleaning Tool (.308 cal/7.62mm / AR-10 platforms)	#FG-2717
12 Pack Star Chamber Cleaning Pads (.223cal/5.56mm)	#FG-2715-PD B
.223 cal/5.56mm Star Chamber Pads (200 ct.)	#FG-2715PD-200
12 Pack Star Chamber Cleaning Pads (.308 cal/7.62mm)	#FG-2717-PD B
.308 cal/5.56mm Star Chamber Pads (100 ct.)	#FG-2717PD-100



BOLT  
SCRAPER



FIRING PIN  
SCRAPER



BOLT CARRIER  
SCRAPER

## B.O.N.E.® TOOL

**CLEANS THE BOLT, BOLT CARRIER & FIRING PIN IN MSR/AR RIFLES**

5.56mm B.O.N.E.® Tool	#FG-246 NSN: 1005-01-647-0562
7.62mm B.O.N.E.® Tool	#FG-276



## ARMORER'S PISTOL TOOL

#FG-248-645C

The Armorer's Pistol Tool offers four tools in one to service and maintain your semi-automatic pistols such as Glock, Sig Sauer, Smith & Wesson, Ruger, Taurus, FNH, and H&K. Simply unscrew the nylon end brush to reveal a storage area for additional tools. Disassemble your pistol with ease using the 3/32" pin punch to knock out pins. Install, adjust or remove aftermarket front sights with the 3/16 nut driver. Remove the trigger connector with the small flat head screwdriver. Brush off any debris with the nylon end brush. The main body of the tool is textured for improved grip while working. Clip the tool in your pocket or in a compartment of your range bag.



## 8-IN-1 PISTOL T-TOOL

#FG-THT-P1

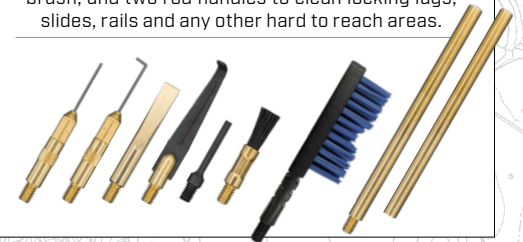
This small, yet mighty tool is an essential item for any Glock owner. Handles a variety of maintenance needs for your pistol all in one tool that easily fits in your pocket, range bag or pistol case. The base handle has four distinct purposes - 1/4" bit driver, 8-32 threaded insert to accommodate additional components, Memory-Flex® cable slot for use as a T-handle and punch hammer for resetting pins. The tool also includes four bits that seat in the magnetized bit driver. The pin punch has additional length to fully push takedown pins through the frame. Keep from losing the nut on the front site with the magnetized front site adjustment tool. The tool also comes with one 5/32" flat head and one #0 Philips bit.

## AR MAINTENANCE TOOL SET

#FG-932-5

**CLEANS .223 CAL/5.56MM RIFLES**

Includes a scraper, locking lug scraper, straight pick, pin punch, nylon end brush, compact receiver brush, and two rod handles to clean locking lugs, slides, rails and any other hard to reach areas.



## MSR CLEANING PACK

#FG-MSR-CP

**CONTAINS .223 CAL./5.56MM MSR/AR STYLE RIFLE CLEANING GEAR**

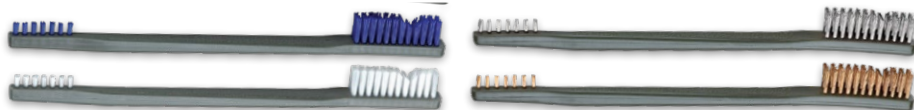
Includes a Ripcord®, B.O.N.E.® Tool, Star Chamber Scraper Tool, AR Vent Hole Scraper, .223 cal / 5.56mm chamber brush and all purpose receiver brush.

# SPECIALIZED TOOLS, ACCESSORIES & RESUPPLY

## AP (ALL PURPOSE) BRUSHES

AVAILABLE IN NYLON, BLUE NYLON, BRONZE & STAINLESS STEEL

Otis All Purpose Receiver Brushes have double ends to allow for large surface scrubbing with one end and precision cleaning with the smaller end. AP Brushes are great for reaching hard to clean areas of your firearms. Other uses include automobile detailing, boats, golf equipment, battery terminals, camping, grout, jewelry, wood working, RC hobbies, crafts, and more.



### Nylon & Blue Nylon

- Removes fresh carbon or powder residue but won't scratch your firearm finish
- For everyday use and can be used on virtually any surface including wood surfaces
- Nylon brush Meets Military Specification
- Blue Nylon brush features stiff bristles that allow for a more aggressive clean

### Bronze & Stainless Steel

- Scrub hard to reach places where carbon, powder, and copper residue build up
- Recommended for cleaning the area around the firing pin
- Perfect for slides, receivers and locking lugs
- Cleans stubborn residue on metal surfaces that require more aggressive scrubbing action

### DESCRIPTION

### PART#

3 Pk / (1) Nylon, (1) Blue Nylon, (1) Bronze	#FG-316-3-NBBZ
3 PK / (1) Nylon, (1) Bronze, (1) Stainless Steel	#FG-316-3
3 PK / (2) Nylon, (1) Blue Nylon	#FG-316-NB-3
9 PK / (3) Nylon, (3) Bronze, (3) Stainless Steel	#FG-316-BP
9 Pack - (3) Nylon, (3) Blue Nylon, (3) Bronze	#IP-316-9-BBN
10 Pack - Nylon	#FG-316-10
50 Pack - Bronze	#IP-316-BZ-50
50 Pack - Nylon	#IP-316-50
50 Pack - Blue Nylon	#IP-316-BLU-50
50 Pack - Stainless Steel	#IP-316-SS-50

## LENS CLEANING KIT

#FG-244

Includes a Mohair lens brush, anti-fog lens cleaner, anti-fog lens swabs, premium lens tissue & lens cleaning cloth



## CLEANING PATCHES

2" Patches (100 ct)	#FG-918-100
3" Panoply Patches - Large Bore (75 ct)	#FG-970-75
3" Patches (100 ct)	#FG-919-100
3" 40mm Grenade Launcher Patches (10 ct)	#IP-IC-919-40MM-10

## SWABS & PIPE CLEANERS

Gun Cleaning Swabs (100 ct)	#FG-241-100
Pipe Cleaners (100 ct)	#FG-857-100
Swabs (100 ct) & Pipe Cleaners (50 ct)	#FG-241-857

## BORE BRUSHES

5.56mm (10 ct.)	#FG-325-BP
7.62mm (10 ct)	#FG-330-BP
9mm (10 ct)	#FG-338-BP
.45 cal (10 ct)	#FG-345-BP
12 ga (6 ct)	#FG-512-BP

## CHAMBER BRUSHES

5.56mm	#FG-367 HT
7.62mm	#FG-368 HT

**OTIS**  
SMART GUN CARE



Learn more about boat parts and hardware we have.