

ASSEMBLY AND OPERATION GUIDE



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TACTICAL®**

**MAXIMUM SECURITY
FOR AN INSECURE WORLD**

FARO ADAPTER

#47495

FARO ADAPTER ASSEMBLY AND OPERATION GUIDE

Thank you for your purchase of the Mesa Tactical Faro™ stock adapter for the FN SCAR® carbine. Our products are manufactured in the USA using the highest quality processes and materials, and should provide many years of reliable service.

The following documentation should answer most of your questions about installation and operation of the Faro stock adapter.

Please read once though this entire booklet before beginning to install the Faro stock adapter.

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PRODUCT OVERVIEW

The Faro stock adapter, named after a sweetened variety of Lambic, a Belgian beer, is investment cast from A365-T6 aluminum alloy, and allows any AR-15 or M16 stock to be fitted to an FN SCAR carbine. While the FN SCAR carbine's factory stock is robust and innovative, many operators have their own favorite buttstock designs from

among the many dozens of third-party offerings already on the market for the AR-15. The Faro adapter was produced to offer buttstock choices to owners and shooters of the FN SCAR carbine.

The Faro adapter can be fitted to the commercially available FN SCAR 16s and 17s carbines, as well as their military-issue siblings, the FN SCAR-L and SCAR-H carbines. Buttstocks can be exchanged in seconds in the field, with no special tools. The Faro adapter is available with a rugged black or flat dark earth (FDE) powdercoat finish. It is available with or without a “mil-spec” dimension AR-15 carbine receiver extension tube and mounting hardware.



Special features of the Faro adapter include an integrated steel insert for push-button quick release sling swivels; and adhesive rubber gaskets where the adapter interfaces with the carbine's trigger

module (lower receiver) and guide rod retaining plate. The distance between the center of the receiver extension tube, when installed on the Faro adapter, and the top of the FN SCAR carbine's Picatinny optics rail, is 1.21 inches, exactly the same as with the M16A4; which means optics and sights made for flattop AR-15 rifles and carbines can also be used as-is with buttstocks attached to the Faro adapter.

THIRD-PARTY STOCK COMPATIBILITY

When the Faro adapter is installed on the FN SCAR carbine, the rear of the carbine looks exactly like the rear of an AR-15 lower receiver. This means that any stock produced for the AR-15 or M16 rifles, or M4 carbine, including telescoping stocks, can be fitted to the Faro adapter, and thus to an FN SCAR carbine. “Commercial” or “mil-spec” dimension carbine receiver extension tubes are supported. **The AR-15 buffer assembly is not required for use with the FN SCAR carbine.**

LEGAL ISSUES

Improper installation of the Faro adapter could cause adverse legal consequences depending on your jurisdiction within the United States.

OVERALL LENGTH

In general, US Federal law defines a short-barrel rifle to be a rifle with a barrel shorter than 16 inches or an overall length of less than 26 inches. Short-barreled rifles are regulated under the National Firearms Act (NFA) and cannot be legally possessed except under the provisions of the NFA. When a Faro adapter is installed on an FN SCAR carbine with a 16¼ inch barrel, *and no receiver extension tube or stock*, the carbine's overall length is over 27 inches, comfortably within Federal legal requirements.

However, some states have additional local restrictions on overall length. In California, for example, an FN SCAR carbine with an overall length of less than 30 inches (instead of 26 inches) would be considered an illegal "assault weapon." When a Faro adapter is installed on an FN SCAR carbine

with a 16¼ inch barrel, *and no receiver extension tube or stock*, the carbine's overall length is less than 30 inches, and therefore would be an illegal configuration in California. Fixing the receiver extension tube to the Faro adapter *before* installing it on the FN SCAR carbine returns the overall length to a legal dimension under California law.

Before installing the Faro adapter on your FN SCAR carbine, you must understand your local laws pertaining to overall length. To be safe, always be sure to attach a receiver extension tube or stock to the Faro adapter *before* installing it on the FN SCAR carbine.

COLLAPSING OR TELESCOPING STOCK DESIGNS

The Faro adapter allows the installation of collapsing or telescoping stocks onto the FN SCAR carbine. Again, while this is currently permitted under US Federal law, some states might have additional restrictions on the stock configuration of the FN SCAR carbine. Ensure you are familiar with applicable state laws before swapping buttstocks.

INSTALLATION INSTRUCTIONS

Assembly of the Mesa Tactical Faro stock adapter and installation on the FN SCAR carbine requires no exotic tools and should take less than 15 minutes. A set of needle nosed pliers would be useful for installing the adhesive rubber gasket on the Faro adapter; an AR-15 armorer's wrench or specialized stock wrench may be necessary to install a carbine receiver extension tube (these tools are not included with the Faro adapter kit).

ASSEMBLE THE FARO ADAPTER AND BUTTSTOCK

Package contents:

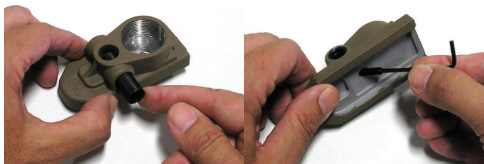
<i>P/N</i>	<i>Item</i>
30033	Faro stock adapter for FN SCAR, casting, machined and plated, black, or
30034	Faro stock adapter for FN SCAR, casting, machined and plated, FDE
47032	3/32 inch hex key for socket set screw

47446	Steel double-ended flush cup for push-button quick release sling swivel
47459	Die-cut adhesive rubber gasket for guide rod retaining plate
47490	Die-cut adhesive rubber gasket for trigger module extrusion
47494	Socket set screw for double-ended flush cup
47495	Faro Adapter Assembly and Operation Guide (this booklet)

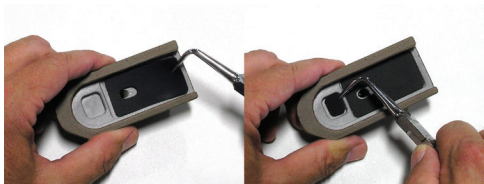
Optional

<i>P/N</i>	<i>Item</i>
47022	Carbine end plate
47496	Carbine stock nut
47202	Carbine receiver extension tube (mil-spec), black, or
47497	Carbine receiver extension tube (mil-spec), FDE

1. Ensure all the necessary parts are in the package.
2. Inspect the cast aluminum Faro adapter for obvious faults or blemishes. These can be rectified by contacting Mesa Tactical support as described below. Note that the powercoat finish is masked from the front surface of the adapter and from the inside of the large rear threads; these areas are meant to be silver metal, but are invisible when the adapter is finally installed.
3. Install the steel double-ended flush cup in the adapter by slipping it into the adapter's transverse hole. Line up the steel double-ended flush cup's threaded hole with the angled cast hole in the front face of the adapter, then start the socket set screw in the threaded hole. Non-permanent thread locker can be used on this set screw if desired. Screw the set screw all the way until it is tight.



4. Remove the backing from the die-cut adhesive rubber gasket for the guide rod retaining plate and carefully affix it to the front bulkhead of the adapter as shown. It can be slightly crooked without affecting performance.



5. Remove the backing from the die-cut adhesive rubber gasket for the trigger module extrusion and carefully affix it in the engagement pocket of the adapter as shown. It can be slightly crooked without affecting performance.

6. Refer to your buttstock manufacturer's instructions to attach the buttstock assembly to the Faro adapter. Note there is no need for the AR-15 buffer assembly (buffer and spring), nor is there a rear takedown pin detent and spring.



You are now ready to swap the stock on your FN SCAR carbine.

INSTALL THE STOCK ON THE FN SCAR CARBINE

1. Ensure the FN SCAR carbine's magazine is unloaded and the chamber is empty before proceeding with the installation of the Mesa Tactical Faro stock adapter. Place the safety selector in the "safe" position. Always keep the rifle pointed in a safe direction.

2. Remove the FN SCAR carbine's trigger module as explained in the *FN SCAR Autoloading Rifle Owner's Manual*.
3. Remove the FN SCAR carbine's buttstock module as explained in the *FN SCAR Autoloading Rifle Owner's Manual*.
4. Install the assembled buttstock and Faro adapter by pressing on the guide rod retaining plate and sliding the assembly on the front of the Faro adapter until seated.



5. Ensure the hammer is cocked in the trigger module. If it is not cocked, press it down into the cocked position.
6. Place the trigger module into position, ensuring the rear extrusion engages the pocket in the Faro adapter at a slight angle.

7. Carefully rotate the trigger module into the receiver frame, pushing it to the rear.



8. Ensure the trigger module is fully seated in the Faro adapter before pushing the takedown pin to the left and securing the trigger module to the receiver assembly.

SUPPORT

If you have any problems or questions, please feel free to contact Mesa Tactical for assistance at 714-545-3332 or support@mesatactical.com.

WARRANTY

Mesa Tactical warrants that all products are free from defective material and workmanship and, subject to the conditions set forth below, agrees to

repair or replace any part of a product that proves defective by reason of improper workmanship or materials without charge for parts and labor.

In no event will Mesa Tactical be liable for damages, lost revenue, lost wages, lost savings or any other incidental or consequential damages arising from purchase, use or inability to use this product.

No express or implied warranty is made for Mesa Tactical product damaged by accidents, misuse, natural or personal disaster, or any unauthorized disassembly, repair or modification. Mesa Tactical's warranty covers only repair or replacement of defective Mesa Tactical products.

MESA TACTICAL



**GEAR AND ACCESSORIES FOR LAW ENFORCEMENT,
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