

Truckee® Forend Installation Manual



**MESA
TACTICAL**

46013 revision Q

Contents

Truckee Forend Overview	3
About the M-LOK® slots	3
Package Contents	3
Installation of the Truckee Forend	4
Benelli M2	4
Benelli M4	7
Beretta 1301	11
Beretta 1301 (15¾ inch version).....	14
Mossberg 930 and 940	14
Remington 870 and Remington Tac-14	16
Remington V3 and Remington Tac-13	19
Removing the Truckee forend.....	23
Support and Warranty	24

Truckee Forend Overview

All Mesa Tactical Truckee forend assemblies are comprised of three basic components:

- Front end cap
- Rear end cap (two pieces with the Benelli M4 shotgun)
- Machined aluminum forend

The Truckee forend is very easy to install and remove, with no special tools required.

About the M-LOK® slots

Because of the possibility of interference between M-LOK hardware and the front end cap or other parts of the shotgun, do not install M-LOK accessories on the forend until after the forend has been installed on the shotgun.

Some M-LOK screw hardware may be too long for use with the Truckee forend and may have to be replaced or ground down. Shorter screws can also allow accessories to remain on the forend during removal and reinstallation.

Package Contents

The Truckee forend package includes:

- This Installation Manual;
- A poly bag containing the nylon end caps and other parts;
- A machined aluminum forend;
- Installation tool (optional, for some platforms);
- Mesa Tactical sticker.

If you are missing any items, please contact Mesa Tactical support as described at the end of this Installation Manual.

Installation of the Truckee Forend

Truckee forend installation is slightly different depending on the shotgun platform you are using.

Benelli M2

There are five pieces to the Truckee forend assembly for the Benelli M2 shotgun:

- The injection molded glass filled nylon front end cap (part number 47528);
- The injection molded glass filled nylon rear end cap (part number 47527);
- Four dash 123 o-rings (part number 47237) (two o-rings are required for assembly; two more are provided as spares);
- The machined aluminum forend (9 inches long).

The Truckee forend assembly will be installed on the shotgun barrel, and thus will be taken on and off the shotgun with the barrel.

1. Ensure the weapon is unloaded and pointed in a safe direction. You know the drill. No live ammunition should be present. Before starting, lock the bolt back.

2. Remove the shotgun barrel and factory forend

Unscrew the magazine cap or extension to remove the factory forend and the barrel.

3. If necessary, modify the rear end cap to avoid interference with on-gun shell carrier

Earlier Mesa Tactical SureShell® carriers fit flush with the front of the shotgun receiver, and will interfere with the Truckee forend rear end cap. This is easily rectified by removing material from the rear end cap with a file or Dremel tool, as shown.



Check for interference before proceeding by slipping the rear end cap down the magazine tube to the front of the receiver. There is a bulge in the magazine tube that the rear end cap needs to be forced over, but it will get past it with a little elbow grease.

4. Add o-rings to front cap

Add two of the included o-rings to the groove in the front end cap as shown.



5. Seat the front end cap on the barrel ring

Place the front cap assembly over the rear of the barrel ring. Keep the muzzle pointed down or hold the front end cap in place with a thumb.



6. Slide the aluminum forend along the barrel to seat in the rear of the front end cap

This is easiest to do with the muzzle pointed down. The inner flanges of the Truckee forend should snap into the flange grooves of the front end cap.



7. Install the rear end cap

With the forend held slightly away from the barrel, place the rear end cap over the end of the forend.

8. Snap the forend assembly into place against the barrel

Now the entire forend assembly can be snapped onto the barrel, in front of the annular barrel flange. The barrel and forend comprise a self-supporting assembly.



9. Reinstall the barrel and Truckee forend on the shotgun

Slide the barrel and forend assembly back onto the shotgun, forcing the rear end cap past the bulging ring on the magazine. When reinstalling the magazine extension, orient the factory sling loop so it is facing down and does not interfere with the Truckee forend.

10. Complete the installation

The Truckee forend is fully installed when the magazine extension is tightened onto the front end cap assembly.



Release the bolt and ensure the shotgun operates normally.

Benelli M4

There are four pieces to the Truckee forend assembly for the Benelli M4 shotgun:

- The injection molded glass filled nylon front end cap (part number 47318);

Truckee Forend Installation Manual

- The injection molded glass filled nylon left rear end cap (part number 47317);
- The injection molded glass filled nylon right rear end cap (part number 47310);
- The machined aluminum forend (8½, 11, or 15 inches long).

Note: The Truckee forend for the Benelli M4 will not fit on the Benelli M4 law enforcement edition with a factory handguard (Model 11714). This is because these models do not have the required spring assembly in the barrel ring. These spring assemblies are available from Benelli USA and the Truckee forend can be installed in a Benelli M4 shotgun fitted with a spring.

1. Ensure the weapon is unloaded and pointed in a safe direction. You know the drill. No live ammunition should be present. Before starting, lock the bolt back.

2. Remove the factory barrel and forend halves

Unscrew the magazine cap at the forward barrel ring and remove the barrel. The forend halves will fall away. If your shotgun is fitted with the factory magazine extension and spacer, it will have to be removed as well. Simply unscrew it and pull it out of line as the barrel is separated from the rest of the shotgun.



3. Remove the factory front sling loop (optional)

The 8½ inch Truckee forend is designed to be installed with the factory front sling loop; if you have the 8½ inch Truckee forend no changes to the shotgun are necessary.

If you are installing an 11 or 15 inch Truckee forend, you will need to remove the factory front sling loop.



The factory front sling loop is retained by a c-clip or snap ring that can be removed with snap ring pliers. Once the c-clip is removed you can slide the front sling loop off over the front of the barrel.

4. Seat the front end cap on the barrel ring

Hold the barrel muzzle down and place the front end cap onto the back of the rear barrel ring, with the circular boss face down against the spring. The crescent shape cutout fits against the barrel.



If your shotgun is fitted with the factory magazine extension and spacer, slip it into the forward barrel ring now and let it hang loosely.

5. Slide the aluminum forend over the barrel ring to seat in the rear of the front end cap

Holding the barrel with the muzzle pointed toward the ground, align the aluminum forend at an angle so that each side of the upper opening slips

Truckee Forend Installation Manual

between the barrel and the gas cylinders (the assembly is horizontal in the photo for illustration purposes only). The edges of the opening will touch the rear barrel flange slightly and slide along it. Note the angle of the forend as it passes by the gas cylinders in the illustration.



Carefully slide the aluminum forend past the rear barrel flange, gas cylinders and rear barrel ring until the inner flange of the forend seats itself in the upward-facing slots in the front end cap you just installed.

You may have a little trouble with the forend hitting the front end cap and upsetting it, jamming the forend. Simply reset the front end cap and move slowly until the front of the forend is past the front end cap.

The inside flange of the forend will slip into the front end cap almost automatically. When it does, the rear of the forend will sit just below the gas piston flanges.

6. Place the rear end cap halves over the barrel and onto the forend

Once the forend is nestled in the upward-facing grooves of the front end cap, place the rear end cap halves one at a time over the gas cylinders and barrel, behind the forend but under the rear barrel flange. The rear end cap halves should snap in place over the back of the forend and will secure the forend loosely to the barrel.



7. Install the barrel and forend assembly on the shotgun

Now the Truckee forend is part of a complete assembly that includes the barrel.



You should be able to re-install the barrel, fitting the rear boss of the rear end cap into the forend support plate on the front of the shotgun receiver. If your shotgun is fitted with the factory magazine extension and spacer, ensure it is aligned with the magazine and forward barrel ring as you slide the barrel and forend assembly into place, then screw it finger-tight onto the magazine. Tighten the complete barrel and forend assembly down with the magazine cap.

Very slight movement in the forend is normal.

Beretta 1301

There are three pieces to the Truckee forend assembly for the Beretta 1301 shotgun:

Truckee Forend Installation Manual

- The injection molded glass filled nylon front end cap (part number 47533 for the cap and part number 80003 for the assembly with detent pin);
- The injection molded glass filled nylon rear end cap (part number 47532);
- The machined aluminum forend (13 or 15¾ inches long).

In addition, the forend assembly may require the detent ring assembly from the nose of the factory forend (Beretta part number C86126), see below.

1. **Ensure the weapon is unloaded and pointed in a safe direction.** You know the drill. No live ammunition should be present. Before starting, lock the bolt back.

2. Remove the factory forend

The factory forend is held in place by a magazine cap or extended magazine sleeve. Unscrew this and put it aside. Then slide the forend off the barrel and magazine assembly.

3. Remove the detent ring assembly from the factory forend and install it on the Truckee forend front end cap

Some versions of the Truckee forend for the Beretta 1301 shotgun feature a front end cap with a built-in magazine cap detent assembly. For those that do not, the detent ring will need to be removed from the factory forend and installed on the Truckee forend front end cap.



The detent ring assembly is installed on the nose of the factory forend. Carefully remove this from the forend with a flat blade screwdriver. The o-ring surrounding the mounting tabs is not required for the Truckee forend installation and can be removed.

Place the detent ring assembly on the front of the Truckee forend front end cap and press it in place with your fingers or in a vise.

4. Install the rear end cap

Twist off the sprue from the rear end cap. With the narrow end towards the receiver, slide the rear end cap down over the magazine tube and gas system so that the two half-circular studs fit into the shotgun receiver.



5. Install the forend

The aluminum forend can be slid down over the gas system so that the rear of the forend flanges engage the lobes of the rear end cap.

6. Install the front end cap

Slide the front end cap assembly over the magazine tube until the lobes engage the flanges of the forend. You may have to move the end cap around a bit before it snaps into place.

7. Complete the installation

The Truckee forend is fully installed when the magazine cap or magazine extension is tightened onto the front end cap assembly.



Release the bolt and ensure the shotgun operates normally.

IMPORTANT: With the Beretta 1301 shotgun, the forend can appear to be installed while the barrel is not fully seated. Inspect the shotgun to ensure the barrel is fully seated. If it is not, remove the magazine cap or magazine extension to loosen the barrel, then shift the barrel back and forth until it firmly seats in the receiver. It might help to release the bolt if you haven't already done so.

Beretta 1301 (15¾ inch version)

The 15¾ inch version of the Truckee forend for the Beretta 1301 shotgun can only be installed on Tactical versions of the Beretta 1301 shotgun that feature the extended magazine. This is because the longer forend will not allow access to a short magazine cap. However, the extended magazine features an extended magazine sleeve that can be accessed with the longer forend.

The 15¾ inch version of the Truckee forend for the Beretta 1301 shotgun is installed in the same manner as the shorter 13 inch forend.

Mossberg 930 and 940

The Truckee forends for Mossberg 930 and the Mossberg 940 shotguns use the same machined aluminum forend and front cap assembly, but the rear end caps are specific to the respective models.

The rear end caps are the U-shaped nylon parts. The unmarked end cap fits the Mossberg 940 shotgun, while the end cap for the Mossberg 930 shotgun is embossed with the part number, 47534.



The front end cap is an assembly comprising the nylon cap itself, plus a captive spring-loaded detent that engages the magazine cap or magazine extension.

1. Ensure the weapon is unloaded and pointed in a safe direction
You know the drill. No live ammunition should be present. Before starting, lock the bolt back.

2. Remove the factory forend

The factory forend is held in place by a magazine cap or extended magazine sleeve. Unscrew this and put it aside. Then slide the forend off the barrel and magazine assembly.

3. Install the rear end cap

With the narrow end towards the receiver, slide the rear end cap down over the magazine tube and gas system against the front of the receiver. Note the unmarked end cap is for the Mossberg 940 shotgun, while the end cap embossed with the part number 47534 fits on the Mossberg 930 shotgun.



4. Install the forend

The aluminum forend can then be slid down over the gas system so that the rear of the forend flanges engage the lobes of the rear end cap.

5. Install the front end cap

Slide the front end cap assembly over the magazine tube until the lobes engage the flanges of the forend. You may have to move the end cap around a bit before it snaps into place.



When tightening the magazine extension onto the front end cap, separate the coupler from the extension tube and tighten the coupler on to the front end cap before screwing the extension tube into it.

6. Complete the installation

The Truckee forend is fully installed when the magazine cap or magazine extension is tightened onto the front end cap assembly.

Release the bolt and ensure the shotgun operates normally.

Remington 870 and Remington Tac-14

There are five pieces to the Truckee forend assembly for the Remington 870 shotgun:

- The injection molded glass filled nylon front end cap (part number 47312);
- The injection molded glass filled nylon rear end cap (part number 47313);
- The action bar tube from the host shotgun;
- The forend nut from the host shotgun;

- The machined aluminum forend (7½, 9, or 10½ inches long; note that if the Truckee forend is to be installed on a Remington Tac-14 with a SureShell carrier and Fallon™ rail assembly, the 7½ inch version *must* be used; the longer versions will interfere with the Fallon rail).

The Truckee forend package for the Remington 870 shotgun also includes a Pump Shotgun Forend Wrench (part number 33012).

Despite the photos in this manual, a vise is practically necessary for assembly and installation of the Truckee forend.

1. Ensure the weapon is unloaded and pointed in a safe direction.
You know the drill. No live ammunition should be present.

2. Remove the shotgun barrel and forend assembly

Refer to the Owner's Manual for your Remington 870 shotgun to strip the bolt and forend. The barrel will be removed as part of this procedure.

3. Remove the forend from the action bar tube

This step is easier if the action bars are placed in a vise with soft jaws or rags in the jaws. Use the small end of the included forend wrench to loosen the forend nut at the front of the forend. You may need to use pliers on the wrench, or you can slip the shaft of a Phillips head screwdriver through the hole in the wrench (see illustration below).



If the forend nut is very tight, it is quite possible you will twist the action bars (or even the forend wrench) slightly while trying to remove the forend. The action bars can be easily restored to straightness by hand

Truckee Forend Installation Manual

once the Truckee forend is assembled and ready to be installed on the shotgun.

Remove the forend and nut and put them aside.

4. Fit the rear end cap to the back of the aluminum forend

The rear end cap is a tight fit on the rear of the aluminum forend, but once it is on it never has to come off. Place the rear end cap on the rear of the forend, then press the rear of the forend onto the bench until the rear cap is fully seated.

5. Fit the front end cap to the inside of the forend assembly

The front end cap is also a tight fit on the inside of the aluminum forend. It may be easier to settle it on the inside flanges of the forend after the assembly is slipped over the action bar tube.



6. Slide the Truckee forend assembly onto the action bar tube

Reinstall the action bars in the vise. Slide the forend assembly down the tube so the rear end cap slips over the front of the action bars.

7. Tighten assembly with factory forend nut

Place the factory forend nut on the front of the front end cap and try with your fingers or the forend wrench to engage the threads in the action bar tube. There should be a minimum of “twist” of the forend assembly on the action bar tube, but if there is try to ensure the forend assembly is centered on the action bars during the following procedure.



Once it is started, use the forend wrench to tighten the nut about a quarter turn past the point when the front end cap is fully engaged. The nut should be pretty tight on the assembly and of course there should be no movement.

8. Reinstall Truckee forend and barrel onto the shotgun

Refer to the Owner's Manual for your Remington 870 shotgun to reassemble the bolt and forend, and reinstall the barrel.

9. Test operation

Ensure the shotgun operates normally by depressing the action bar lock (the tab to the left side of the trigger guard) and racking the forend back and forth a few times.

The pump handle should operate as smoothly with the new forend as before the swap. If it seems to stick or bind at the rearward end of the stroke, the end caps might be rubbing on an oversized barrel (such as can be found on some police guns).

The points of contact can be identified by applying Dykem or similar marking dye to the end caps, then reassembling and cycling the action a few times to see where the dye is rubbed away. Use sandpaper or a Dremel tool to remove material as necessary until the pump handle operates smoothly.

Remington V3 and Remington Tac-13

There are five pieces to the Truckee forend assembly for the Remington V3 and Tac-13 shotguns:

Truckee Forend Installation Manual

- The injection molded glass filled nylon front end cap (part number 47245);
- The injection molded glass filled nylon rear end cap (part number 47244);
- Four dash 121 o-rings (part number 47238) (two o-rings are required for the assembly; two more are provided as spares);
- The machined aluminum forend (9 inches long).

The Truckee forend assembly will be installed on the shotgun barrel, and thus can be taken on and off the shotgun with the barrel as an assembly.

10. Ensure the weapon is unloaded and pointed in a safe direction. You know the drill. No live ammunition should be present. Before starting, lock the bolt back.

11. (For Tac-13) Remove magazine clamp

On the magazine clamp there is a hex head cap screw on each side of the clamp. Use a 5/32 inch hex key or similar tool to loosen each of these screws. Slide the magazine clamp forward to remove it.

12. Remove the shotgun barrel and factory forend

Unscrew the magazine cap or extension to remove the factory forend and the barrel.

13. Secure rear end cap to barrel assembly

With a little effort, the rear end cap can be snapped on to the rear of the barrel assembly as shown.



14. Slide the forend down the barrel onto the rear cap

Now the forend can be slid into place and nestled into the flanges of the rear cap.



15. Add o-rings to front cap

Add two (2) of the included o-rings to the cavity in the front end cap as shown.



16. Press the front cap onto the forend

The front cap with its o-rings can now be pressed onto the front of the forend. However, to do this the barrel must be turned so the muzzle is facing down, to prevent the o-rings from falling out or dislodging.



17. Install the barrel assembly with forend onto the shotgun

While holding the front cap in place, slide the barrel assembly with the forend over the magazine tube. Again, though a little awkward, it is best to do this with the muzzle facing down, in case the front cap separates from the forend. But if you hold the front cap securely it should stay in place.

18. Secure the magazine cap or extension

Once the barrel is firmly seated in place, replace the magazine spring and cap or extension. Ensure there is no movement in the barrel or forend.

If you have a Remington Tac-13, reinstall the magazine clamp to complete the installation.



19. Final check

Release the bolt and ensure the shotgun operates normally.

The Truckee Forend for the Remington Tac-13 was designed for compatibility with the Mesa Tactical SureShell® Carrier with Fallon Rail, as shown:



Removing the Truckee forend

The only reason you would need to separate the forend from the barrel is during periodic maintenance or to gain access to the gas system (with semi-autos). Otherwise, the Truckee forend can remain part of a barrel and forend assembly, and can be removed from the shotgun along with the barrel for regular cleaning.

Removal of the Truckee forend is the reverse of installation. First remove all M-LOK accessories that have been installed on the Truckee forend.

Support and Warranty

If you have any problems or questions, please feel free to contact Mesa Tactical for assistance at 775-333-9800. Sending an e-mail to support@mesatactical.com automatically opens a support ticket.

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 products 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, MILITARY AND
PERSONAL DEFENSE.**

1775 Kuenzli St.
Reno, NV 89502
775-333-9800
www.mesatactical.com



Copyright © 2004-2024 Mesa Tactical. All rights reserved.
Mesa Tactical, High-tube, LEO, Urbino, SureShell and Truckee are registered trademarks
of Mesadyne Nevada