

TUFLOC

INSTALLATION INSTRUCTIONS

Trunk Mount Gun Rack



Congratulations and thank you for your recent purchase of the **TUFLOC** gun rack system. Esmet has designed and manufactured the highest quality products for over sixty-five years and we are confident that you will be a satisfied Tufloc product owner.

This manual includes simple step by step instructions to install, operate and maintain your gun rack. Please contact the factory if you have any installation or operation questions.

Trunk Mount

Tufloc gun racks are custom designed to secure specific gun models. Gun Racks are shipped with the components already attached. All gun rack components are necessary to properly secure the gun. Do not remove components. The rack shown on the front page is for a Remington 870. It is for illustration purposes and may not be identical to the gun rack you received.

Ensure a Proper Fit

1. If your gun rack uses a Large Gun Lock, it can be custom fit. Simply raise or lower the adjustment plate inside the lock by loosening or tightening the screw.
2. Place the gun in the gun rack. If necessary, you can adjust the components of the gun rack by loosening the bolts and moving the components along the Channel. (Do not fully remove bolts.)
3. Tufloc gun racks are assembled with L-Brackets. (Figure 1) Depending upon the mounting location inside the trunk, it may be necessary to rotate the gun 90-degrees. (Figure 2) **Note: When mounted, the hinge of the gun lock should always face the floor.**

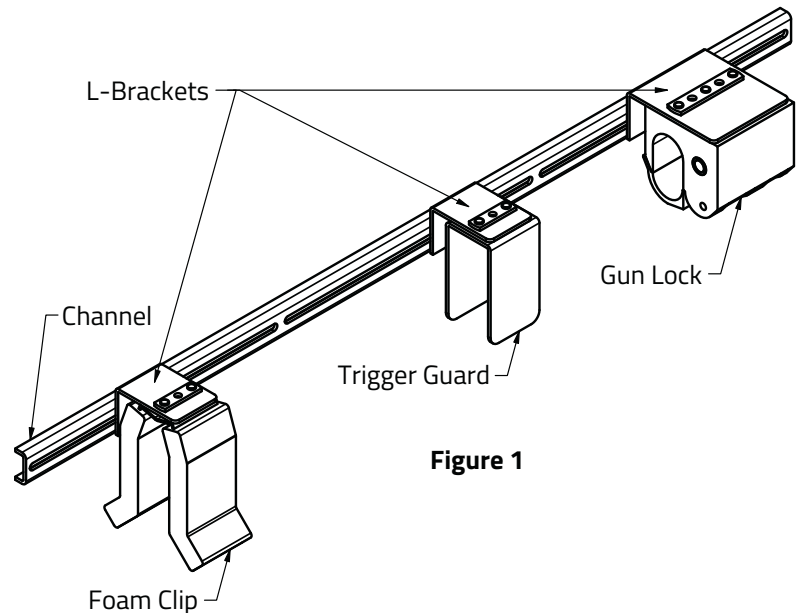


Figure 1

Determine Gun Rack Location

1. With the gun inside the gun rack, determine the desired location of the gun rack inside the trunk.
2. For proper installation, the gun rack must have a metal surface that can be drilled without damaging the vehicle. The gun rack should also have full contact with the surface and have a spot in each outer slot of the Channel for the threaded insert. **(Note: The Threaded Insert has a min working material thickness of .027 and a max working material thickness of .165).**
3. Once the desired location has been chosen, mark two locations at the top of the Channel (one in each outer slot on the Channel) where the gun rack will be fastened.
4. Remove the gun rack from the trunk and measure 5/8" down from the marked locations. Mark these locations with a center punch or pen.

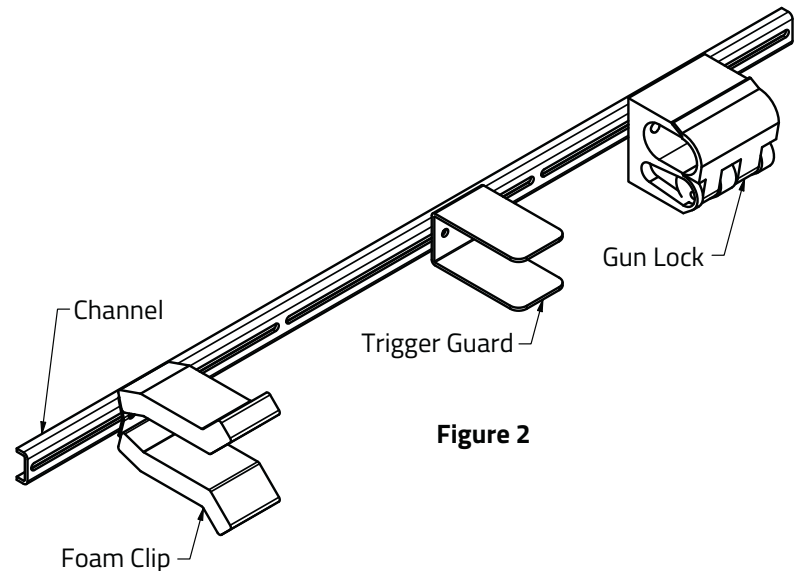
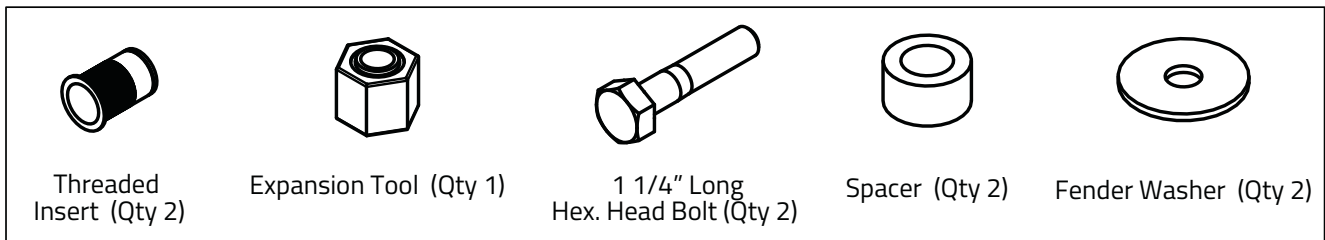


Figure 2

Hardware Kit



Attach Rack to Determined Area

1. At the marked spots drill two 25/64" diameter holes through the metal mounting surface. If drilling through more than one metal thickness the combined thickness cannot exceed a thickness of .165. If the diameter of the drilled hole is larger than 25/64", the Threaded Insert will spin and will not work properly. (Step 1)
2. Place the Threaded Insert into the drilled hole. Place the Expansion Tool through the Bolt and begin tightening into the Threaded Insert. (Step 2)
3. Using two open-end wrenches, one holding the Expansion Tool and one holding the 1-1/4" Long Hex Head Bolt, tighten the 1-1/4" Long Hex Head Bolt until the Threaded Insert is firmly attached to the Mounting Surface. (Step 3 and Step 4)
4. Remove the 1-1/4" Long Hex Head Bolt and Expansion Tool and repeat the above step for the second hole.
5. Once both Threaded Inserts are installed, place Spacers over the Threaded Inserts and prepare to attach the gun rack.
6. Place a Fender Washer on the 1-1/4" Long Hex Head Bolt and inset the Bolt into the slot of Channel and through the Spacer. DO not fully tighten Bolt. (Step 5)
7. Repeat the above step for both sides. (Step 5) Do not fully tighten Bolt.
8. Electrical: Attach and insulate the wires following the enclosed Wiring Instructions. Ensure that the wires are not pinched as they are routed towards the most convenient power and grounding source. Once wiring is complete tighten both bolts on gun rack

