



PMM SCAR Rail Elimination Panel (REP's) instructions.

WARNING!

Prior to handling any fire arm be sure that the weapon is cleared and is safe to work with, additionally if at any time you do not feel confident in doing the installation of any PMM product PMM recommends you contact a Licensed Gunsmith for assistance.

Kit Components:

2x PMM REP Panels /1x .1oz Loctite 242 blue / 2X T25 Trunion bolts/4x M4x8mm Flat head bolts/2x .020" crush washers / 1x 2.5mm-allen Wrench /

Removing the Factory 1913 Rails:

HEAT! The Factory M4 Bolts are notorious for stripping out as they are secured in the upper receiver with locktite 603 "green", The best way to get them out is to Remove the barrel and apply a heat source to the backside of the Rails where the Square Black Aluminum washers are with a Heat gun or Torch. Be careful to not overheat the Parts as you will Melt the 1913 rail.

With the Factory M4 bolts Heated up take the supplied 2.5MM Allen Wrench & remove both the 4mm countersunk Bolts and the T-25 M5 Barrel Bolts(T-25 tool not supplied), It is not uncommon for the front Aluminum back spacers to fall off inside of the upper receiver once the 4mm Countersunk bolts are removed,if they fall off field strip the Rifle and "shake them out"or remove the front lower 1913 rail using your t25 torx tool.

2. Installation of the PMM Mlok Panels

2. First Take each of the Supplied PMM Front barrel trunion bolt and 1 of the .020" crush washers and thread it lightly into the front barrel bolt position. **image #1.**

2a-If your m4 spacers fell out you will need to re position them in the upper receiver now. They are a pain to get back in with out removing the lower 1913 Rail section but it can be done with patience and the orientation is critical. Make sure the Hole in the spacer is roughly centered in the hole in the upper receiver.

2a-Taking the supplied Flat Head T25 Bolts and some loctite 242 "Blue" align the spacers and the center of the REP mounting slots with the holes and lightly begin to thread the M4 bolts into the spacers getting them started, you may need to adjust the spacer in the Receiver a bit so the bolts are aligned properly.

Finally using a Torque wrench you need to tighten the front T25 bolts in this order 1-2 to **30Inch lbs** using a NEW T25 socket as seen in **Image #2.**

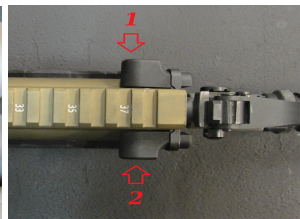
Removing barrel with PMM Mlok Rails.

Simply loosen the Front barrel trunion bolts and let the bottom bolt "hang" in the rail with gravity, pull the top bolt up lightly as you push the front trunion carriage forward clearing the bolts (a small magnet is helpful to do this), The front bolts and crush washers are captive and can not fall out of the rails unless the rails are removed from the upper receiver.

Image #1



Image #2



Final Note: Based on initial testing all PMM REP Panels should fit both the 16 and 17 Weapon systems. If for any reason you are having issues with fitment of the mounts into the existing steel sling lugs please feel free to contact me below.~Jarod.

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