

Installation Instructions & Use Recommendations

FMS Accessories – Front Protection Bar M5 Threaded Inserts

These instructions must be read carefully and thoroughly **before** beginning work. FMS Solutions, LLC accepts no liability for damage caused by failure to observe the installation instructions or use recommendations.

Installation of this accessory does not change the factory specified load limits for the motorcycle.

FMS Solutions, LLC has just been made aware that a production change occurred with BMW police motors during the 2019-2020 model year. The M5 threaded inserts utilized for mounting various brackets / components on the front protection bars were changed from a 15 mm deep closed insert to a 12 mm deep closed insert. The result is that the hardware normally provided with the mounts for front radar antennas brackets, radar gun adapter brackets, Lidar gun holsters, ticket book boxes, Zebra printer boxes, etc. are **now too long!**

The M5 bolts provided in most hardware kits are M5 x 16 mm in length, which will bottom-out, seize and break-off if one continues to tighten them once they bottom-out. Most bracket will require M5 x 12 mm bolts. If multiple brackets are stacked, you should verify the length needed to gain full thread grip yet not bottom-out in the closed-end threaded insert.

Caution!

Recommendation: Check the depth of the thread using a 16 mm bolt coated with anti-seize compound - cautiously thread it in until you encounter resistance / bottoming. Compare the photos below. If the bolt bottoms well before the bracket thickness, use shorter bolts!

FMS Solutions, LLC will provide shorter, M5 x 12 mm bolts in all kits moving forward. If you need additional bolts for kits you have already purchased from the FMS Accessories website, send us an email at info@fmsaccessories.com and we will send you shorter bolts.

Note: If you need to get the job out the door today, shorter bolts are provided with new motorcycles in the front light mount bag (Qty 4 - M5 x 12 bolts). Additionally, M5 x 12 bolts are utilized on the floor plate of the radio box. You could exchange those shorter bolts with the bolts from your kit, as the longer length should not cause a problem unless you positioned something beneath the plate directly under a threaded insert (unlikely).



New Insert Thread Depth w/16mm Bolt



Previous Insert Thread Depth with 16 mm Bolt