

Read these instructions first before installing so you're familiar. The Trigger-Mate is designed for use on original trigger style lowers or any traditional 3 piece trigger (trigger, disconnect and hammer). The Trigger-Mate removes the original play allowing for a shorter stroke and firmer snap of the trigger when firing. It's ok to try the assembly before using loctite.

Using a Loctite® Threadlocker Blue 242® (avoid using Red) Loctite Threadlocker Blue 242 or similar thread locking material is advisable. Never operate your weapon if the safety doesn't travel freely.

We're working with 2 parts now (the Socket-Head bolt and the Set-Screw). On the Set-Screw apply Loctite® Threadlocker Blue 242 towards the top half of the Set Screw (Allen keyed hex end). Install the Set-Screw Hex-Head first all the way in through the threaded end of the 1/4" Socket-Head Bolt (not down through the head - it won't go). The Set-Screw hex key opening must be available for the Allen Key through the Socket-Head opening of the Socket-Bolt. Be sure to retract any part of the Set-Screw that may be sticking out the bottom of the Socket-Bolt. We'll adjust this later.

INSTALLATION (be sure weapon is unloaded) - Separating upper from lower will make this easier. Replace pistol grip bolt with the Trigger-Mate Socket-Bolt and Star Washer. Avoid removing the pistol grip itself as it holds the safety detent and spring. NOTE - There are a few lowers whose manufacture fail to thread the entire bolt hole. If yours is one of these the Trigger-Mate can still work but you'll need to file (remove) 1/4" of the threads off of the Socket-Bolt. It's better not to cut the Socket-Bolt or reduce its length. Before filing the threads screw on a 1/4-28 nut so when removed it will re-establish the threads.

ADJUSTMENT - Set the safety to "ON". Use supplied extra long handled Allen key to adjust the internal Set-Screw in until it stops - no force. Toggle the safety. It should be difficult to toggle freely (do not force it). Back the Set-Screw out until the safety toggles freely and fully engages both positions (On/Off). The Set-Screw is a 36 TPI screw allowing for fine tuning of this setting. Function test the trigger to ensure the hammer and trigger are engaging and releasing properly and that the safety is functioning correctly (don't allow hammer to hit your mag-well).

With the safety "On" there should be no movement in the trigger when pulled. The Trigger-Mate removes the original play allowing for a shorter stroke and firmer snap of the trigger when firing.

SAFETY WARNING - Always be sure your safety fully engages the On/Off positions. Without a properly operating safety Jarring or dropping any loaded weapon can cause it to fire causing series injury or death. Your weapon must always be unloaded before making any adjustments to the internal Set-Screw. Over-adjusting can operate the trigger thereby firing the weapon. Adjust the Internal Set-Screw so your Safety absolutely fully engages the ON/Off positions freely.

CAVEAT EMPTOR - you are solely responsible for the installation, adjustment(s), maintenance, purchase and safe use of this product and your weapon in accordance with the above instructions and warnings.

