

TSM4 (Standard .154 H/T Pins)



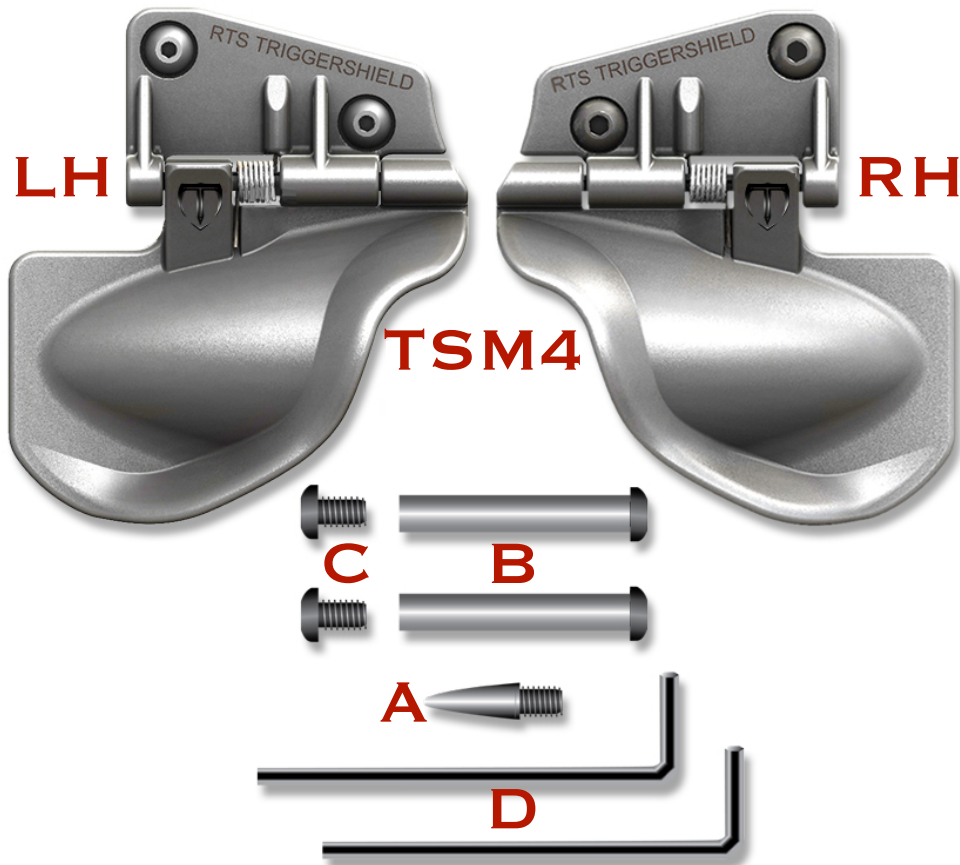
You have Downloaded Installation Instructions for the TSM4
("Standard" Pin Set for AR-15/M4 Models EXCEPT Colt Rifles Manufactured Between 1991-2009)

INSTALLATION INSTRUCTIONS

Watch a video of proper installation at: www.RTSTriggerShield.com/Install

THE RTS TRIGGERSHIELD™ TACTICAL SAFETY DEVICE IS DESIGNED TO BE CAPABLE OF BEING INSTALLED BY A PERSON OF AVERAGE ABILITY, WITHOUT SPECIAL TOOLS, AND WITHOUT THE SERVICES OF A GUNSMITH. HOWEVER, IF YOU ENCOUNTER ANY DIFFICULTIES OR HAVE ANY CONCERNS WHATSOEVER REGARDING USE OR INSTALLATION OF THE DEVICE, IT IS STRONGLY RECOMMENDED THAT YOU CONSULT A MORE KNOWLEDGABLE PERSON OR A GUNSMITH.

The RTS TriggerShield is designed to fit standard AR-15/M4-style weapons, and may not be suitable for some non-standard custom platforms, such as those containing atypical trigger guard shapes, magazine well positions, etc. Further, RTS TriggerShield can be properly installed only in the absence of other customizations in and around the trigger well (ex. "B.A.D." Levers, etc.), to the rear of the magazine well, and/or in conjunction with other custom anti-rotation pins.



RTS TriggerShield Left Hand Side (**LH**) Right Hand Side (**RH**)
(Left or Right side determined by muzzle direction.)

- A** - Cone Pilot Lead (1)
- B** - Standard Hammer and Trigger Pins (**H/T Pins**) (2)
- C** - Custom Screws (2)
- D** - Hex Wrenches (2)

Step 1 - ENSURE WEAPON IS CLEARED AND SAFE.
TAKE PARTICULAR CARE TO VERIFY THAT THERE IS NO ROUND IN THE CHAMBER.

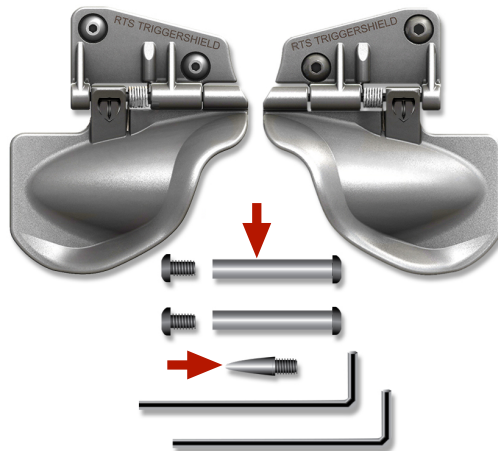
Step 2

- Lay rifle on its side. Installation can begin on either side of the weapon.
- It is recommended that right-handed shooters begin on the right side of the weapon and left-handed shooters begin on the left side of the weapon. This will place the cold-headed end of the Standard H/T pins on the shooter's dominant side of the weapon. However, either way works.
- Be sure to leave space underneath the weapon for the existing H/T pins to drop out when the Standard H/T Pins are inserted.



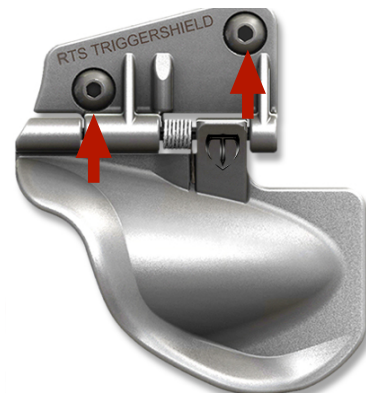
Step 3

- Affix Cone Lead into one of the Standard H/T Pins.
- Ensure the Cone Lead is fully seated in the female end of the Standard H/T pin. The fit does not need to be overly tight.



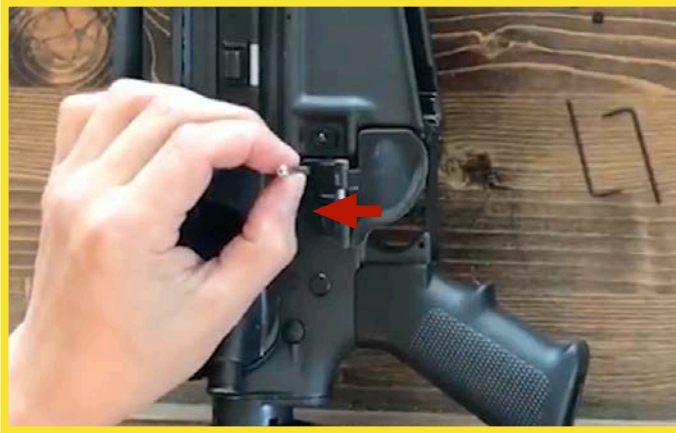
Step 4

- Lay baseplate of the right or left corresponding RTS TriggerShield over the existing hammer and trigger pins just above the trigger well. (RH Shown Below)
- NOTE: Use special attention to ensure that the leg of the spring is lying flat in the channel on the underside of the RTS TriggerShield baseplate.



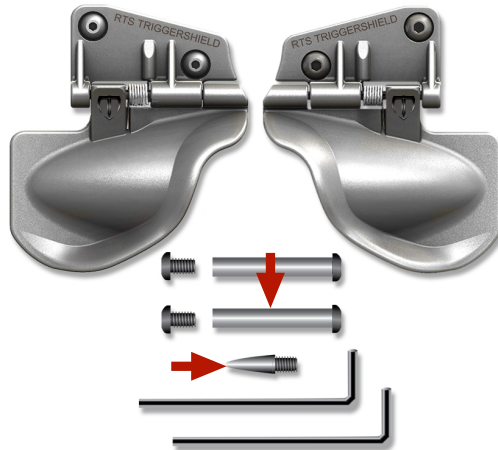
Step 5

- Insert one Standard H/T pin THROUGH the baseplate hole (either) of the RTS TriggerShield.
- Using a light mallet, lightly tap the Standard H/T pin through the rifle hammer/trigger pin hole to remove the existing H/T pins. The old pin will drop out the opposite side.



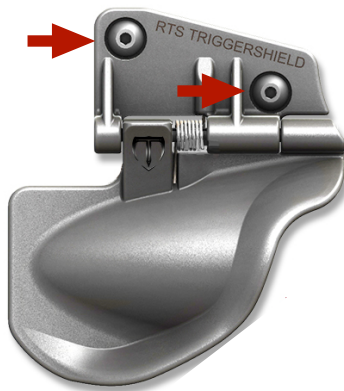
Step 6

- Remove Cone Lead from the Standard H/T pin and affix it into the second Standard H/T pin.
- Using a light mallet, tap the second Standard H/T pin through the other hammer or trigger pin hole replacing remaining H/T pin.



Step 7

- Flip rifle.
- Position the baseplate of the remaining RTS TriggerShield over the protruding Standard H/T pins. It is not necessary to press the RTS TriggerShield down onto the protruding Standard H/T pins. The RTS TriggerShield will seat over the H/T pin when tightened.



Step 8

- Secure both sides of the RTS TriggerShield to the rifle by using the two 1/16 short arm Hex Wrenches and tightening the matching Standard H/T Pin and Screw simultaneously from opposite sides of the rifle (matching hammer pin to hammer pin and trigger pin to trigger pin).
- Hand-tighten only, do not over tighten.



TO CONFIRM PROPER INSTALLATION

The RTS TriggerShield is properly installed when both RTS TriggerShield baseplates lay flush against the lower receiver, held securely by the fully-seated and hand-tightened hammer and trigger pins and custom screws. On the underside of each RTS TriggerShield, the perpendicular forward edge of the RTS TriggerShield should contact the forward edge of the trigger well creating a gap between the bottom edge of the RTS TriggerShield and either side of the trigger guard, allowing for smooth upward access of the trigger finger between the bottom edge of the RTS TriggerShield and the existing trigger guard up into the trigger well and onto the trigger for purposeful trigger access. This gap may be slightly reduced if an extra-wide trigger guard is present. The spring action of the hinge will allow the lower half of the RTS TriggerShield to be rotated upward allowing trigger finger access. When the trigger finger is removed, the lower part of the shield will naturally return to its closed protective position. In its resting state, the RTS TriggerShield will lay closed over the trigger well.

LARGE PINS vs. STANDARD PINS

Most AR-15/M4 model rifles use the “STANDARD” (.154) hammer and trigger pins which are included with the RTS TriggerShield **TSM4**.

HOWEVER, Semi-Automatic Colt AR-15/M4 Lower Receivers manufactured between 1991-2009 use “LARGE” (.170) hammer and trigger pins, which are included with the RTS TriggerShield **TSM4C**

These Colt AR-15/M4 Lowers will not function properly with “STANDARD” (.154) hammer and trigger pins. **DO NOT** use incorrect pins, as potential malfunctions may include, but are not limited to: looseness of the internal trigger control group, multiple rounds fired on single trigger press, complete inoperability, etc.

To confirm whether your Colt Lower uses “Standard” (.154) or “Large” (.170) Hammer and Trigger Pins, either measure your pins with a caliper or call Colt directly at 800.962.2658 to ask for the date of manufacture by your serial number.

CONTACT RTS

For any questions regarding your RTS TriggerShield, please feel free to contact us at 904.299.6556 or visit www.RTSTriggerShield.com

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