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### **Smith & Wesson 1854 Extended Handguard Sight System – MI-SW1854XRS**

It is recommended these parts are installed by a qualified gunsmith. **\*Depending on your firearm, minor fitment may be required\*** Midwest Industries is not responsible for parts damaged by not following these instructions. Please read the instructions and get familiar with these parts before proceeding with installation. We have included one extra front sight screw and one extra rear sight set screw just in case you need them. We have provided a small Allen wrench and Torx wrench for the rear sight installation. You will need a small screw driver for the front sight removal. We have also provided Vibra-tite for the screws. We do not recommend the use of any other thread locker.

#### **Instructions**

1. Make sure your rifle is unloaded and pointed in a safe direction, Repeat this step.
2. Remove the factory handguard cap and handguard. Reassemble without factory handguard.
3. Remove factory iron sights, front and rear.
4. Slide MI Handguard onto rifle and seat the location tangs into the recess of the receiver.
5. Apply a drop of Vibra-tite to all installation screws.
6. While pulling handguard to the rear, engage the rear handguard tabs then install and finger tighten the two front mounting screws. Do NOT torque these screws.
7. Install the four brass set screws, two in front and two in the rear. Screw these in until they contact the barrel. While tightening the front screws, make sure the handguard is centered with the barrel.
8. Included are special nuts that are used for the top 45-degree slots. Some rifles may need these for the included 5 slot M-LOK rail due to large barrels.
9. Proceed to mounting the top rail and sights with provided 4 screws. Install finger tight.
10. Find the bag with your replacement MI front sight and degrease the two small screws.
11. Add a drop of Vibra-tite to each of the screws and install the MI front sight. These screws are very small - DO NOT OVER TIGHTEN THEM.
12. Set the upper rail onto the receiver and into the notch of the handguard
13. Install the two shorter receiver screws with provided Vibra-tite. Do not tighten.
14. Set the ghost ring wedge on the base plate and install the longer two receiver screws (do not Vibra-tite them). Before tightening these screws, line up the windage marks in the back so the wedge is centered on the base.
15. Turn in the side set screws until they make contact with the receiver screws. DO NOT OVERTIGHTEN. These are the locking Screws once the gun is zeroed.
16. Once all screws are in place, align upper rail to the handguard. Tighten all 6 forward steel handguard screws to 20in/lbs. Snug brass screws to 5inch lbs. Tighten receiver screws to 10in/lbs. Do not tighten the rear peep sight portion until the gun is properly zeroed.

#### **Zeroing adjustments**

The small set screws in the rear wedge portion are for locking your zero in. Do not install Vibra-tite on these small screws until you are at the range zeroing your gun. Back these small screws off so you can make adjustments but DO NOT FULLY REMOVE THEM. These screws are very small and could be lost. Once zeroed you can back them off just enough to expose some thread to add Vibra-tite to them and turn them back in to make contact. The aperture only has one set screw and will allow elevation in half turn adjustments. Turn the aperture counter-clockwise to raise bullet impact. Turn the aperture clockwise in the base to drop the bullet impact. Move the sight wedge to the left to move the bullet impact to the left. Move the sight wedge to the right to move the bullet impact to the right. Once zero is achieved, fully tighten the main sight wedge screws and set screws.