



INSTRUCTION MANUAL

MSKSV2 - SKS Gas Tube Picatinny Rail Mount

The MSKSV2 replaces the Factory SKS Upper Handguard and gas tube assembly. The MSKSV2 provides a top Picatinny rail for mounting Long Eye Relief Scopes or Reflex Optics with unlimited eye relief. There are also two multi-positional / removable Side Accessory Rails for mounting accessories like a Flashlight and Laser. The sight groove machined onto the top rail allows you to still use the factory iron sights.

The MSKSV2 will fit most SKS models to include models manufactured in Russia & China. The MSKSV2 gas tube is manufactured to be a few thousands longer than necessary to be custom fitted to your specific SKS Rifle. The MSKSV2 may not fit all SKS models, so we advise you to compare the MSKSV2 to your factory gas tube to make sure they are about the same length before you attempt to hand fit the gas tube. We recommend the use of only hand tools to do the hand fitting. Please do not use Power tools like a rotary tool, grinder, etc.

If you're not comfortable with hand fitting the gas tube, the services of a Qualified Gunsmith may be required.

Also check the fit of your SKS Gas Piston in the MSKSV2 to see if it provides an adequate seal in the Gas Tube to cycle the rifle. Due to the varying dimensions of the factory SKS Gas Pistons (due to wear, age, corrosion, etc), your factory Gas Piston may or may not have the proper seal with the MSKSV2 Gas Tube. In some cases, a replacement Gas Piston may have to be purchased. Pay attention to the Gas Piston diameter as there are many Gas Pistons available in the marketplace.

Place your gas piston into the MSKSV2 Gas Tube and cover the front of the gas tube with your thumb to provide a good seal. Turn the MSKSV2 vertically and check to see how fast the gas piston falls down to the back side of the gas tube. You should feel some suction on your thumb and the gas tube should fall at slower rate. If the piston drops freely then the tolerance of your gas piston to the MSKSV2 gas tube may be too loose. If the diameter of the gas piston head is too small, too much of the gasses will blow past the gas piston head which may cause the rifle to function as a single shot rifle.

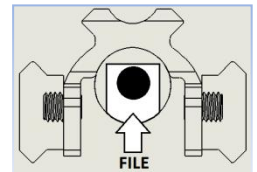
❖ **CAUTION: BE SURE THAT YOUR FIREARM IS UNLOADED AND POINTED IN A SAFE DIRECTION. PRACTICE SAFE FIREARM HANDLING PROCEDURES AT ALL TIMES.**

Please refer to the SKS User Manual on how to remove the Factory Upper Handguard and Gas Piston assembly. Be cautious, as there are gun parts under spring tension that could project (Gas Piston Extension) from the rifle.

Once you have the Factory Gas Tube removed, compare the overall length with the MSKSV2 with the factory unit. The gas tube length should be very close to the same length before you proceed to do any modification.

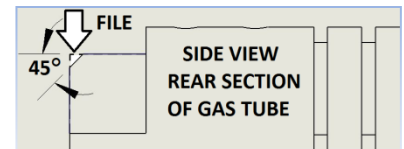
The part of the MSKSV2 that will need to be hand fitted is the rear section of the gas tube. It's the rectangular part in the rear of the gas tube with the rounded bottom side. It has a hole at the top from which the tail end of the gas piston protrudes from.

1. Use a small hand Mill file and remove a little material at a time to this rectangular section (white). Maintain the perpendicular angle, file it flat and keep the factory geometry. Take the gas tube and mount it onto your rifle to keep checking the fitment on the rifle. For the best possible fit, it's best that you be patient and file a little material at a time and keep checking to see if it fits your SKS rifle. File just enough material where it almost drops right in, just as it's about to drop in you can sometime just tap the rear section of the gas tube down with the bottom of your hand, to pop it in place.



If your Mill file is too wide to fit between the mount's rear ears with the set screws, you can remove the upper rail mount section from the gas tube by removing the top 4 screws. This will provide more room for a large Mill file.

2. The next step is to file the top edge of the rear rectangular gas tube. You will need to take a Mill file and file the top edge at a 45° a little at a time. Test the gas tube on the rifle and check to see if you can rotate the Upper Handguard Catch Lever down to the Locked position. If you cannot rotate the Handguard Catch Lever to the locked position, file more of the top edge at a 45°. Repeat until you can turn Handguard Lever to the locked position.



3. The two Side Accessory Rails can be moved to any of the side ventilation holes in the Upper Handguard. The side rails are secured with two Allen Head bolts and a backing plate. If you want to remove or move the rails to a different ventilation slot, you will have to remove the 4 top screws holding the Upper Handguard to the gas tube. With the Upper Handguard removed from the gas tube you can remove/ move the backing plates to a different slot. Mount the side rails to the backing plate with the two Allen head screws to hold them backing plate in place. When finished, reattach the Upper Handguard rail onto the gas tube with the four screws. We recommend 'Blue' (Medium Strength) removable thread locking fluid to prevent the screws from vibrating loose.
4. On the rear section of the MSKSV2 are two protrusions "ears" with two Allen Head set screws. Use the provided Allen wrench to tighten the set screws against the rear sight block. This will lock the Upper Handguard in place for a solid & secure platform for attaching optics.

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