



Isovibe SX Installation Instructions

Aluminum Riser Block Style (Arctic Cat, Polaris, and Skidoo)



1. The IsoVibe SX can be installed between the steering post T bar and the riser block or between the handlebars and the riser block. Mounting the IsoVibe SX to the steering post will give more handle bar deflection than if it is mounted directly to the handlebars. We've found that mounting the IsoVibe SX between the steering post T bar and the riser block works best for most riders.
2. Remove the four allen head cap screws and clamps that attach the riser block to the steering post T bar.
3. Attach the IsoVibe SX bottom to the riser block using the four supplied hex head cap screws. The IsoVibe SX bottom can be mounted to the riser block to give a 1 1/2" rise or a 2 1/2" rise. For a 1 1/2" rise attach the riser block to the inside of the milled out pocket and for a 2 1/2" rise attach the riser to the flat side of the IsoVibe SX bottom. Torque to 18 ft. lbs.
4. Install the IsoVibe SX top and isolation bushings to bottom mounting adapter. Make sure to assemble the various spacers and washes in the correct locations. (See Picture below for orientation.) Tighten the 12mm nylon locking nuts to 18 ft-lbs.



5. Attach the IsoVibe SX top to the steering post T bar using the stock allen head cap screws and clamps. Position the handlebars in the desired position and tighten the allen head cap screws to 18 ft. lbs.
6. Check cable routing and adjust if necessary. Different length extruded aluminum riser blocks are available from you dealer if you want to modify the height of your handlebars.
7. Bushing Preload Adjustment – The IsoVibe SX comes assembled with 4 spacers between the two bushings and one on the outside of each bushing. Refer to the picture for the correct orientation. This is a starting point for preload and is the softest setting. To reduce the handlebar deflection remove one of the spacers between the two bushings and place it on the outside of the bushings. To reduce the side to side deflection remove one or more spacers on the outside of the bushings. It is desirable for the bars to flex slightly under load to absorb the shock. Run the bushing preload as soft as possible to maintain the shock absorbing qualities. An optional harder durometer blue colored bushing is available if desired.

Notes:

- On the new Arctic Cat F Series sleds the riser block cover will have to be trimmed for clearance.
- On Skidoo Models there are two sets of fasteners included in the kit. The hex head cap screws are used to mount the IsoVibe SX in the Low position. The allen head cap screws are used to mount the IsoVibe SX in the High position.
- Do not assemble the IsoVibe SX with more than 4 spacers between the two bushings. Doing so will not allow the bushings to seat correctly against the IsoVibe SX bottom.

Warning: Make certain that the throttle does not open when turning the handle bars fully left or right. Test this before riding the snowmobile. Failure to do so could cause injury.

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