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Installation Instructions 3-29-21

Model RYK-SBK
Ryker Sway Bar Kit.

Steps needed to install your Sway Bar & Links



We recommend using an Authorized Dealer for installation of this Sway Bar Kit.

This Kit installation is based on removing the existing sway bar and links, removing mounting bolts to radiator, and then lifting upwards out of the way then replacing with this new Bar, Links and Bushings.

- 1.- This installation requires advanced technical knowledge of your Ryker as one would receive from your local dealers. If you have those skills and know your Ryker, swapping this kit, replacing the factory will be easy as removing the old and replacing with this new kit.
 - 2.- This installation requires that the front grill assembly be completely removed exposing the radiator. Then the Radiator must be disconnected from the base amount and lifted upwards out of the way exposing access to the existing factory bar kit.
 - 3.- Dealership or a trained technical person knowing the Ryker can continue with the installation from here removing the factory kit and installing this new kit. Install the bushings in the same manner as removing the factory. Use the factory bolts to install the new bushings.
(Spyder Extras Sway Bar Links Purchased Separately)
 - 4.- Remove left & right-side factory Sway Bar Links by removing two bolts on each link.
 - 5.- Take the new Sway Bar Links with spacers each side on bottom of link only and hold in place with the 6mm set screw.
 - 6.- Install the link bottom first. Take the supplied new bolts and run through the frame channel hole through the spacers / bearing holes. This will push the set alignment screw through the other side. This will set the link in place to install the factory nut. Tighten down the nut back to its position from the factory. Then install the upper bolt. A spacer will go between the sway bar and the bearing as well as a spacer on the outside. Install the bolt and tighten.
Do the same for the other side and your new links are installed.
- 4.- This Sway Bar kit provides better handling than the factory upgrade Red Sway Bar by over 200 pounds more in tensile strength.

5.- Steps need to install your **SE Performance** Sway Bar kit.

The Ryker will need to be on a lift or lifted at least 2 feet off the ground.

Support the Ryker by jack stand off each main frame support below at the a-arm locations.

Remove the left lower shock bolt so the shock can be lifted upwards. Then remove the right-side lower a-arm from the wheel by removing the lower wheel spindle bolt then remove the lower shock bolt. You will want the shock lifted out of the way and the a-arm to drop down as far as it will go. Left & Right indications assumes you are the rider setting on the Ryker.

See below.



6.- Once the factory sway bar and bushings are removed, as shown below take blue painters' tape and tape up the edges of the side openings and a piece on the right as shown. Do this each side.



7.- Then the wiring harness below and cut the two wire ties and place the harness under the tabs in red. After you reinstall the new sway bar go back and place the harness back in the slots and use wires to tie up. Remove the two lower and upper bolts holding the plastic radiator frame to the main frame shown below on the right side. Lift this section up as it will help. Shown in red circle on the lower right photo.



8.- Take the new way bar as shown below and run it through the left side rectangle hole. The bar should be located as shown with the end bent tabs in the upward position. With the left lower shock bolt removed it will be easier for you to allow the end of the sway bar to be moved around as shown on the lower right photo.



9.- Then take the bar Tilt upward then guide through the right-side rectangle hole as shown below. Once the bar is in this position as below on the right photo form the front push down on the sway bar while pushing the bar to the right side into its final location. Note the angled bend in the sway bar that allows you to fish the bar through the openings.



10.- Then install the sets of Sway Bar bushings using the factory bolts. The bushings go in one direction only. The top of the bushings has chamfered cuts to allow them fit in the upper frame channel. Notice the bushing is in two parts you want the hole that is angled to be towards the back with the thicker side of the bushing facing the front of the Ryker as shown below. Do this on bolt sides. Do not tighten down all bolts until all bolts are in their locations.



10.- Last step is to reinstall the sway bar links to the sway bar ends. Follow the instructions for the links. Do this for both sides. Notice the bend of the sway bar is downward at the link connection.



11.-Now reassemble the Ryker in reverse of how you took it apart. Be sure to relocate the bolts in the inter plastic radiator housing. Then lower the radiator back into the position and bolt back as before. Reinstall all shock and lower a-arm bolts to the factory spec. Reinstall the Front Plastic Grille Protector and your Sway bar kits is installed.

Optional Items you may remove to help.

A.- The Battery

B.- This plastic cover panel below. It simple unsnaps form its location.



We thank you for purchasing one of our Ryker Sway Bar Kits. We know today the need for accessories that provide a higher level of comfort while riding and we have solved that demand with a stylish system that compliments the design of your Ryker!

Spyderextras.com