



Upgraded Sway Bar for Polaris Slingshot DDM-16-19



Installation of the Sway Bar depends on you and your mechanical skills. It is suggested that you read through the directions a few times to familiarize yourself with the components of the kit, and your car.

If you are pretty handy with tools the Sway Bar can be installed in about an hour, however we suggest that you schedule at least a couple of hours for the installation.

If you have any questions during the installation you can call us at (864) 907-6004 or email us at Tech@ddmworks.com.

TOOLS NEEDED

| |
|--|
| 15mm and 17mm wrench |
| 13mm socket |
| Synthetic, water resistant marine-grade grease |
| Flat head screw driver |
| Small Side Cutters |
| Jack and Jack Stands |



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Rev.C 2/15/18 DDM

Removing the stock sway bar

1. To be able to remove the Stock Sway Bar you must remove the Radiator Shrouding. There are 8 plastic push pins holding the shroud in.

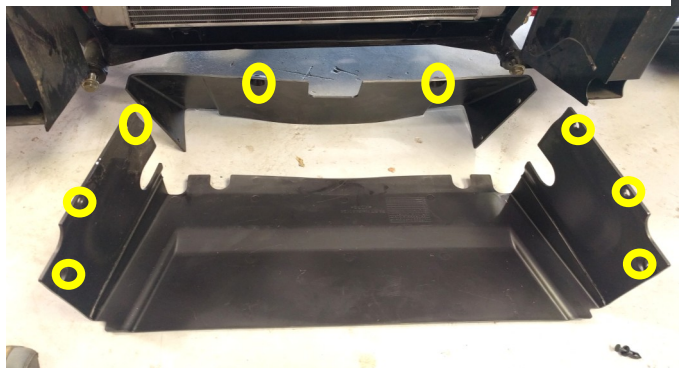
***** In the picture below, the front end of this slingshot is removed to make it easier to see. It is not recommended you remove your front end to do this install.**

***** It may be necessary to jack up the front of your slingshot to gain access underneath and remove the shrouding. If needed make sure you are on a level surface with the emergency brake on, and the slingshot is supported by jack stands properly *****

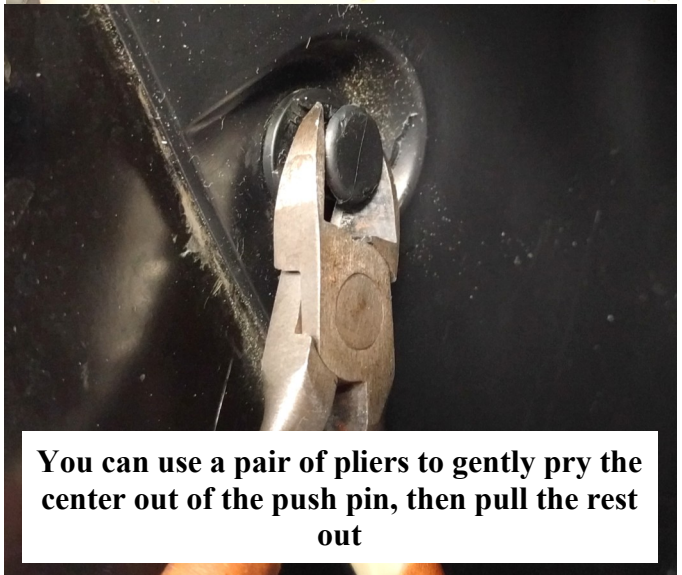


2. Using a flat head screw driver or a small pair of side cutters gently pry the push pin out of its base and remove the two pieces of the push pin from the Slingshot.
3. After you have removed all the push pins the shrouding will come out of the slingshot in two parts. The upper and the Lower.

Location of push pins



This is what the push pins look like when they come apart



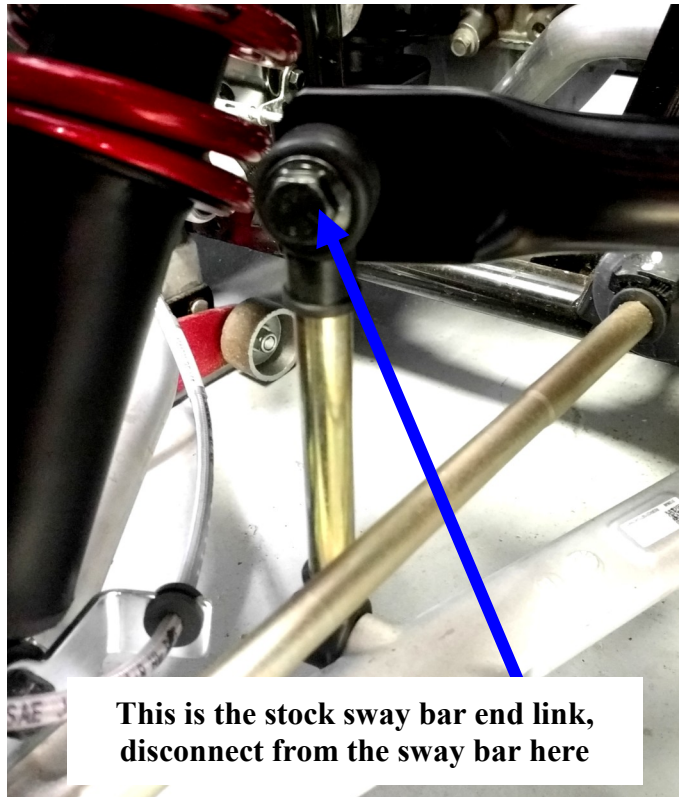
You can use a pair of pliers to gently pry the center out of the push pin, then pull the rest out

Rev.C 2/15/18 DDM

Removing the Stock Sway bar end links

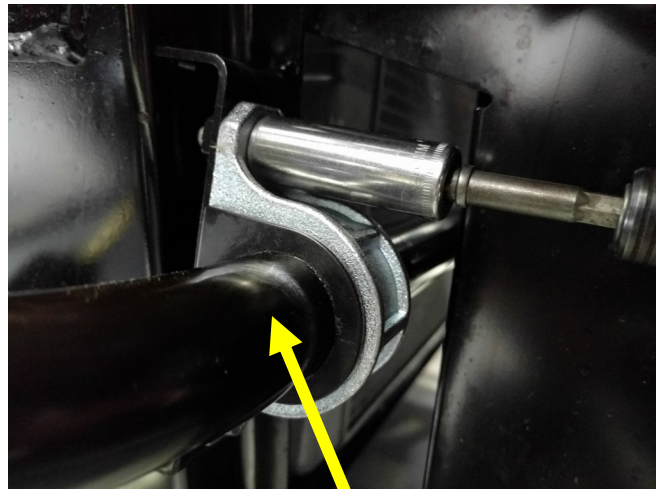
***** Make sure your Slingshot is in neutral and the parking brake is on before starting installation. *****

1. You can start on either side of the Slingshot but it is recommended you do one link at a time.
2. You will need to remove the stock sway bar end links where they attach to the stock sway only. They do not have to be disconnected from the control arm.
3. Using a 15mm wrench and a 17 mm wrench. Remove the nut on bolt that mounts the sway bar end link to the sway bar.
4. With the nut removed, remove the bolt from the sway bar end link and repeat the process on the other side of the Slingshot.



Removing the Stock Sway bar end links

1. Using a 13mm socket wrench remove the 2 bolts holding the Stock sway bar mount onto the frame.
2. The stock mount and bushing will now come off easily. The stock bushing comes apart in two pieces.

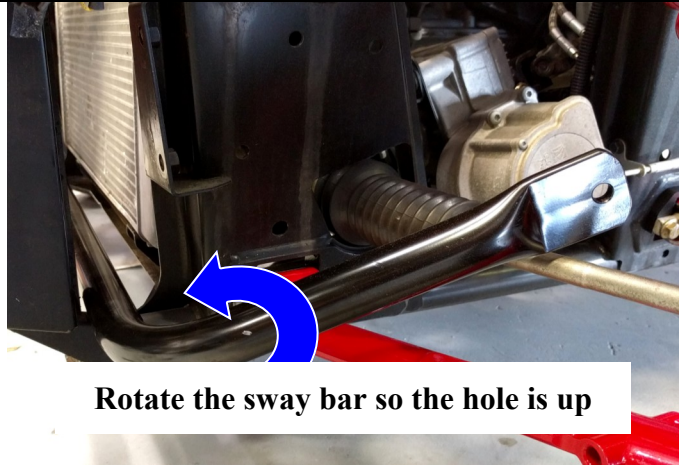


Stock Sway bar mounts, remove both 13mm head bolts that hold it to the frame

Rev.C 2/15/18 DDM

Removing the Stock Sway bar

1. With the End Links and Sway Bar Mounts removed, turn the steering wheel as far as it will go to the left.
2. Next rotate the sway Bar so the hole in it is straight up.
3. You are now able to gently remove the sway bar by sliding it out the drivers side of the slingshot.
4. With everything removed it is time to start installing the new Sway bar.



Rotate the sway bar so the hole is up

Installing the new DDMWorks Sway Bar

1. Carefully take the new DDMWorks Sway Bar and rotate it so the bolt hole is straight up and slip it back into the factory location in the reverse of removing the stock sway bar. Your wheels should still be turned all the way so the sway bar will slide into place easier.
2. Next install the sway bar mounts back on the sway bar. If you are re-using the stock sway bar mounts, use the stock hardware and re-install. If you are using aftermarket mounts follow the instructions provided.
3. Last re-install the sway bar end links. If you are re-using the stock sway bar end links, make sure that the end links go towards the outside of the bar and are in the most vertical orientation possible. If you are using aftermarket sway bar end links, follow the instructions provided with the kit. Congratulations you are done with the install of the new sway bar!



New sway bar installed with DDMWorks sway bar end links

***** Version 2 Of our DDMWorks Sway Bar has two holes for adjusting the stiffness. If set to the inner hole the sway bar will be stiffer. Set to the outer hole for less stiff.**

If you have any questions feel free to give us a call or text us at 864-907-6004. You can also email us at Tech@ddmworks.com.



Rev.C 2/15/18 DDM