



**BajaRon's Custom Performance
Sway Bar Kit
2019-2023 Ryker
Instruction Manual**

**2019-2023 Ryker – 600, 900, and Rally – All Models – [Only](#)
Will Not Fit Any Spyder Models**

As with any performance modification, go slowly and take the time to learn what differences this Sway Bar has made in how your Ryker handles.

It's your responsibility to ride responsibly.

The installation for your new BajaRon Custom Performance Sway Bar is a straightforward removal of the original sway bar and replacement with your new Sway Bar.

IMPORTANT : Be sure your Ryker is **STABLE** before you begin this installation process.

Note : With a floor jack centered under the front of the steel frame, lift your Ryker to a comfortable working height. Place 2 jack stands under the tubular frame members. One on each side of the Ryker
(Picture #1)

INSTALLATION INSTRUCTIONS :

1.) Remove the Hood. (**Part # 7600k - Diagram #1**) There are 2 tabs located near the front corners on each side. With a finger on each side, lift up and release both latching tabs at the same time, then slide the hood forward. This will disengage the 2 holders at the back. Place Hood aside.

2.) Remove Front Fascia, (**Part # 7600d**) by removing 2 Torx Screws located under the Front Fascia (**Diagram #1 & Picture #2**)

Note : **Rally Models Only** - Rally Models have the front scoop (**Part # 7600e**). The Scoop comes off with the Fascia as one piece. **Do Not Remove Part #'s 7600f or 7600g.** There are (2) tabs at the very back of the Fascia (**Part # 7600d**) Work these out of their latching points one side at a time. (**Diagram # 1**)

Place the Front Fascia aside.

3.) With the radiator free, reach around behind and disconnect the fan wire at the plug.

4.) Remove the 2 bolts at the top of the radiator. **(See Picture # 3)**. There are 2 tabs at the bottom / back of the radiator that sit in rubber grommets. Carefully and firmly pull the bottom of the radiator up, working the radiator tabs out of the rubber frame grommets.

Be careful not to damage the radiator.

5.) Lift the bottom of the radiator up and forward. Lay it on the front edge of the Ryker. It helps to release the 2 radiator hoses from the plastic circle clips towards the rear. Secure the radiator so it will not fall.

6.) Remove Plastic End Links **(Part #250)**. Retain the Nuts and Bolts as these will be reused. **(Diagram #2)**

7.) Remove the 4 bushing block bolts **(Parts # 230 & 270) (Diagram #2)**. Remove both OEM bushing blocks from the frame.

8.) Slide the sway bar **(Part #200)** as far to one side or the other as possible.

9.) Cut out the OEM sway bar.

Note : This step is understandably intimidating, but with a bit of care, and using the correct tool, the sway bar can be cut safely, quickly, and easily.

We recommend using a 4.5" Angle Grinder with an appropriate steel cut-off wheel.

Not a Grinding Wheel. If this is not available to you, a low-profile hand hacksaw with proper steel cutting blade can be used.

Whatever tool you use, be careful not to cut anything but the OEM sway bar itself. Making sure brake cable, etc., are well out of the way.

We recommend wrapping masking tape around the brake lines to keep them out of the way.

Gloves and safety goggles should be used.

10.) Working on the side of the sway bar that's been slid to the furthest side of the bike, cut the bar as far to the inside as reasonable so that the remaining portion of the OEM sway bar still inserted into the frame is as short as possible. Give yourself room so that you do not cut anything but the sway bar itself. Once the bar is cut, remove it from the frame, sliding it to the opposite side.

11.) Remove Upper and then Lower Retaining Bolts of the Shock, on whichever side of your Ryker you're working from **(Diagram #2)**. Be aware that the wheel will 'fall' when the shock is disconnected. You may need to lift up a bit on the wheel to relieve stress to remove the Upper Bolt. Remove the Lower Shock Mount Bolt, and set the Shock aside.

12.) Install the your new BajaRon Sway Bar through the center of the Wheel Hub **(from the side where shock was removed)**. Continue to slide the Sway Bar through the slots on each side of the frame.

Note : Included in your Sway Bar Kit are Left and Right Side labeled Bushing Blocks, **these are NOT interchangeable.** Looking from the front of your Ryker is the correct Left and Right. For correct orientation, the tapered end goes in **towards the center** of the Sway Bar, with the slit side facing **Up**. **(Picture #4)**

13.) Slide the correct Bushing Block onto the end of the Sway Bar until it contacts the Pinch Point on the Sway Bar. Be sure to orient the Bushing Block correctly. Align the Bushing Block Holes with the Frame Holes, and insert the original Bushing Block Bolts (**Part #230**) from the front side, and attach the original Nylock Nuts (**Part #270**). **Do Not Tighten**

14.) Repeat this process for the other side of the Sway Bar.

Note : If you have trouble getting the second Bushing Block to go through the Frame properly, double check to be sure you are using the correct Bushing Block on each side and that they are oriented correctly. You will be able to get first Bushing Block in the wrong way, but the second will not mount if both are not oriented properly.

15.) Reinstall the Shock. Being sure to orient the shock correctly. Replace the Upper Shock Mount first, but **Do Not Tighten**. You will need to lift the wheel to get the Lower Shock Mount to meet up. Tighten both mounts.

Note : The standard shocks mount in the conventional (spring up) position. KYB shocks are inverted (spring down)

16.) Using a Flat Blade Screwdriver, or similar tool, as a wedge, lightly tap it into the slit end of the Arm to open the Hex (**See Picture #5**) Carefully work the Arm onto the end of the Sway Bar as far as it will go. The end of the Sway Bar should protrude slightly beyond the Arm. Properly orient the engraving with the pointed end of the arm towards the rear. If you have trouble getting the arm to slide onto the bar, tap the wedge deeper into the slit.

Do not beat the arm onto the bar.

Note : Both the Arm and the flat portion of the Sway Bar Pinch need to be horizontal once installed. You do not want the expanded portion of the pinch to align with the Bushing Slit. (**See Picture #6**)

Important : The Sway Bar Arm Bolt MUST THREAD IN FROM THE TOP.

If you thread this bolt in from the Bottom, your Sway Bar Arms will fall off.
This is a change from previous assemblies.

17.) Place a small amount of Blue Loctite (**provided**) onto the threads of the Sway Bar Arm Bolt, and use a 1/8" Allen wrench to screw it into the Pinch Hole. Repeat this procedure to mount the other Billet Aluminum Arm.

Note : Both arms must point in the same direction.

18.) Place one Spacer on each side of the End Link Bearing. Use the **6mm** Dowel provided in your Kit to hold the spacers in place as you align the End Link with the Lower Mounting Bracket. Reuse the Bolt (**Part # 260**), and Nut (**Part #270**) from the original OEM end links for this assembly (**See Picture #7 & Diagram #2**). The Bolt will push out the Dowel as it passes through the assembly. You will not need the dowel for the End Link to Arm connection. Repeat for the other side.

Note : Torque value for the End Link Connections are **85 in. lbs. NOT ft. lbs.** However, it is not necessary to use a torque wrench. All you need is to get the End Link Bolts snug. The Nylock nut will prevent loosening. The spacers are not fragile, but they can be crushed if too much force is used.

Important : The top of the End Link fastens to the **Outside** of the Sway Bar Arm.

19.) Slide an Aluminum Spacer (**provided**) onto the original OEM bolt - put the bolt through the top End Link Bearing - slide the second Spacer onto the Bolt - line up the End Link Hole with the Arm Hole and slide the Bolt through. Place one of the original OEM Nylock Nuts onto the Bolt and tighten. This connection must be snug, but **Do Not Over Tighten**.

Torque Value is 85 in. lbs.

20.) Being sure that the Sway Bar is centered, (**and both End Links are vertical**) tighten all four Bushing Block Bolts on the Frame Channel.

21.) Reconnect the Radiator Fan Wire. Work the lower attachment points back into their rubber grommets. Replace and tighten the 2 upper bolts holding the radiator to the frame.

22.) Align the 2 tabs at the top of the Front Fascia with the 2 rubber grommets in the frame. Slide the 2 locking tabs at the rear of the Fascia into their respective latching points.

23.) Replace the 2 Torx screws at the bottom, front of the Fascia.

24.) Place the Hood into position, and slide into the retention pockets at the back. When properly aligned, gently press down on the front corners until they latch.

Check your work to be sure all parts are installed correctly, and all connections have been tightened.

Our BajaRon Custom Performance Sway Bar works most notably during turns or when side force is applied to your Ryker. The harder the turn, crosswind, etc., the harder your New Sway Bar will work for you.

This Sway Bar will not lift your Ryker, change ride height, wheel alignment or increase stiffness of the suspension.

If you have any questions please feel free to call or email us, and we will be happy to help!

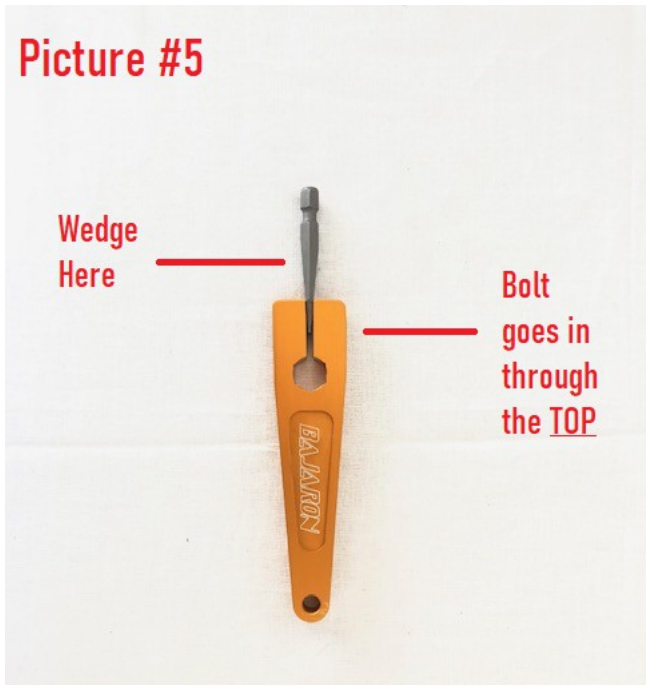
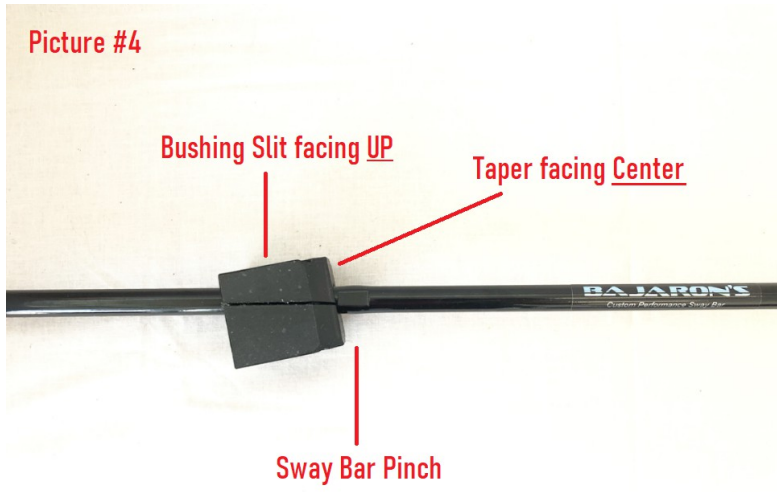
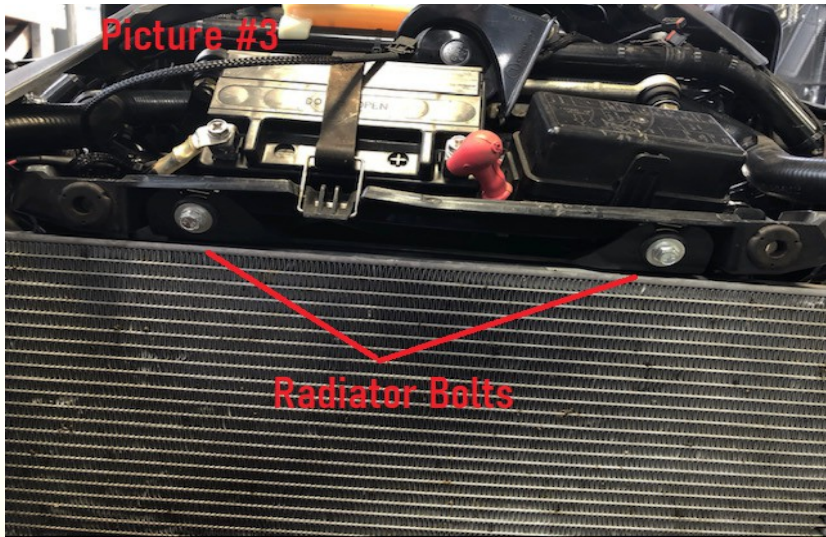
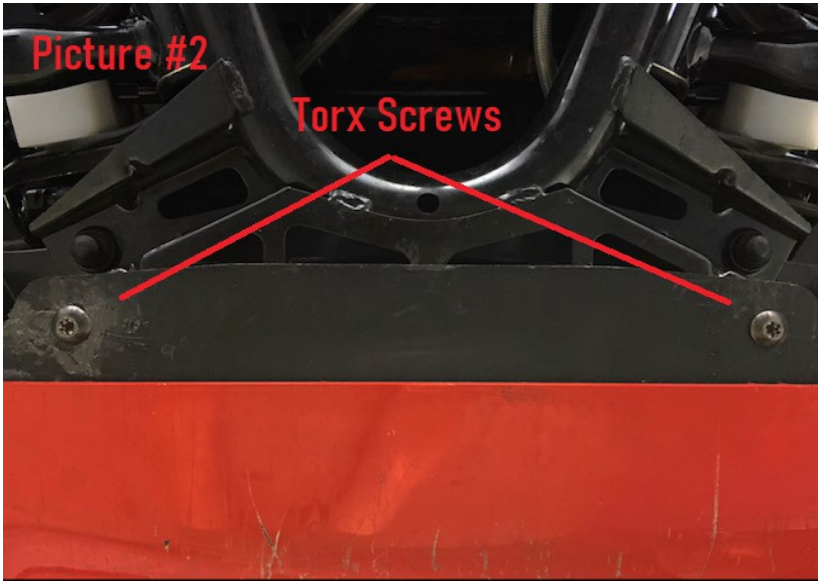
You're Ready to Ride!



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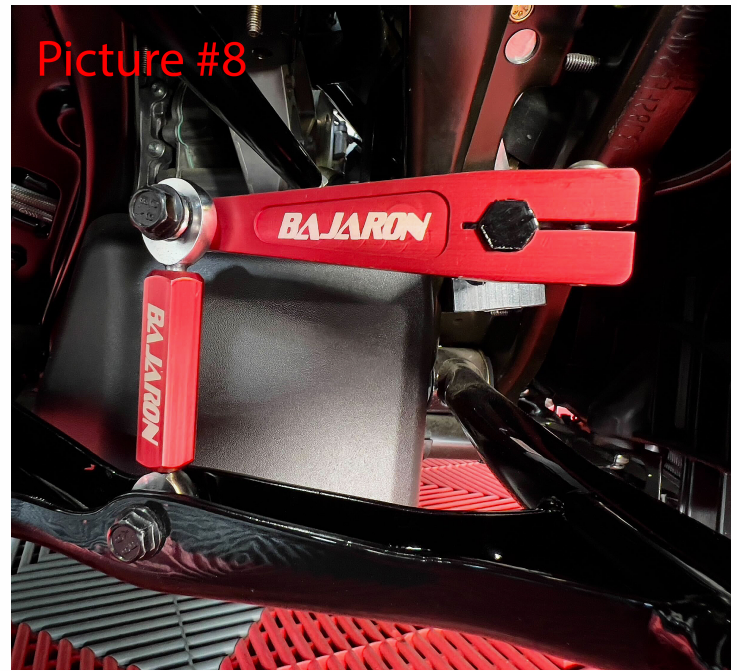
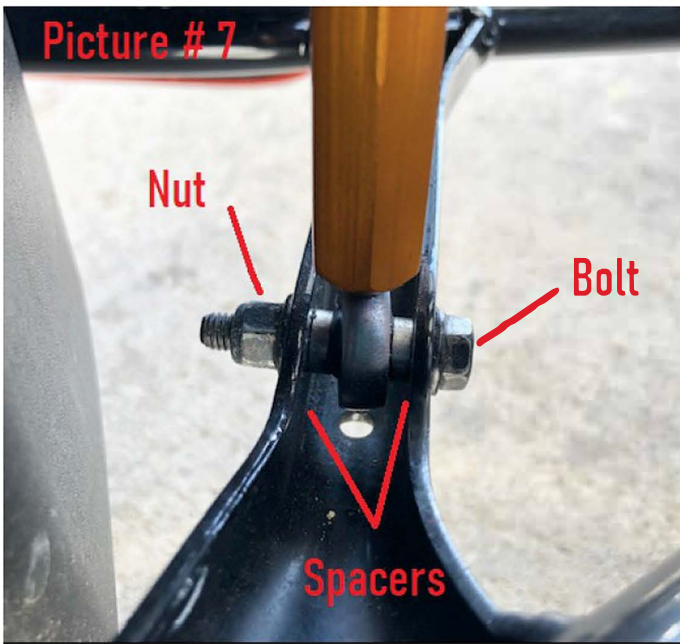


Diagram # 1

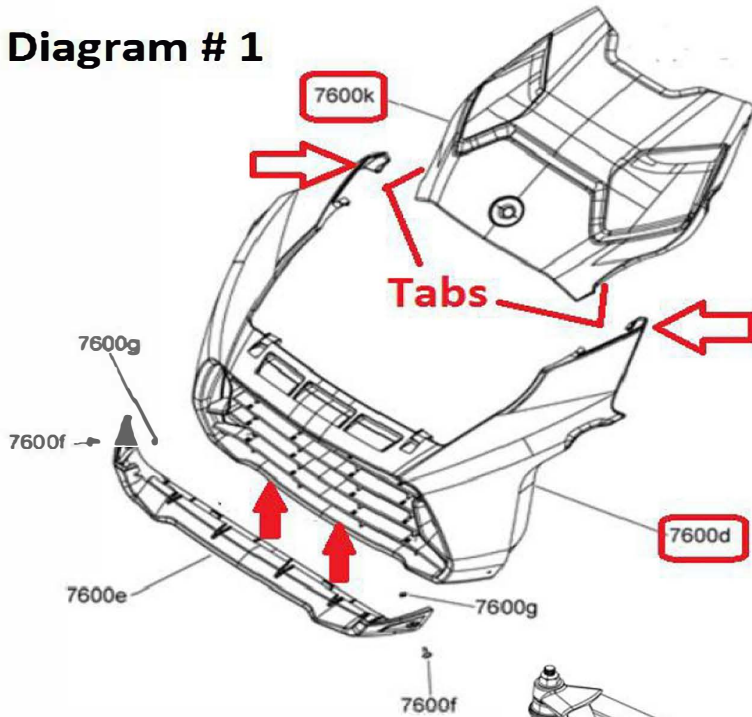


Diagram 2

