

HOTCHKIS

SPORT SUSPENSION

Sport Sway Bar Kit 22429 ***08-UP SCION xB***

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Please call us at 877 - 4NO - ROLL if you have any questions
regarding the service or installation of your Hotchkis Performance products.*

Installation of Hotchkis Front Sway Bar

1F ***Raising Vehicle***

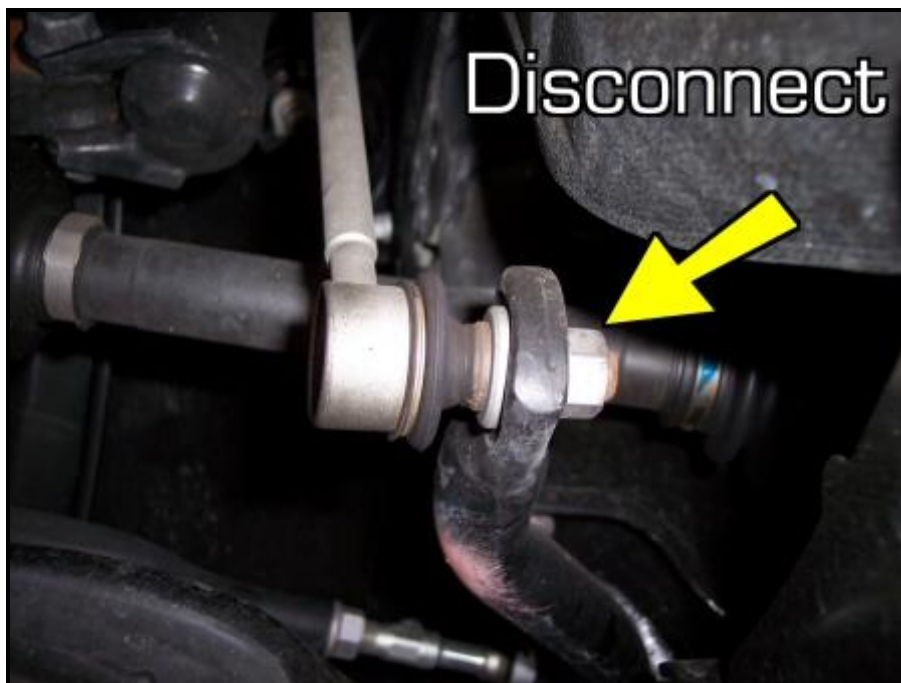
Raise the front of the vehicle until the wheels are off the ground and support with jack stands. Securely block the rear wheels.

2F ***Remove Small Splash Shield***

Remove the small splash shield and note the orientation of the sway bar.

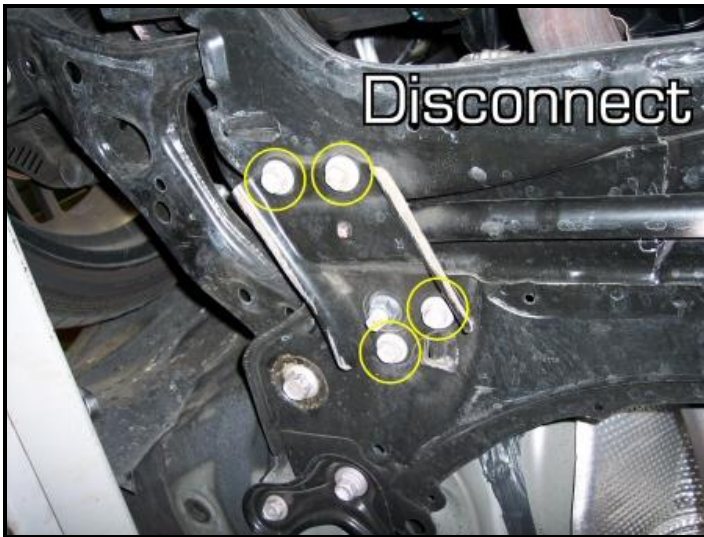
3F ***Disconnect End Links***

Remove end link nuts that attach to the sway bar and push end links aside.



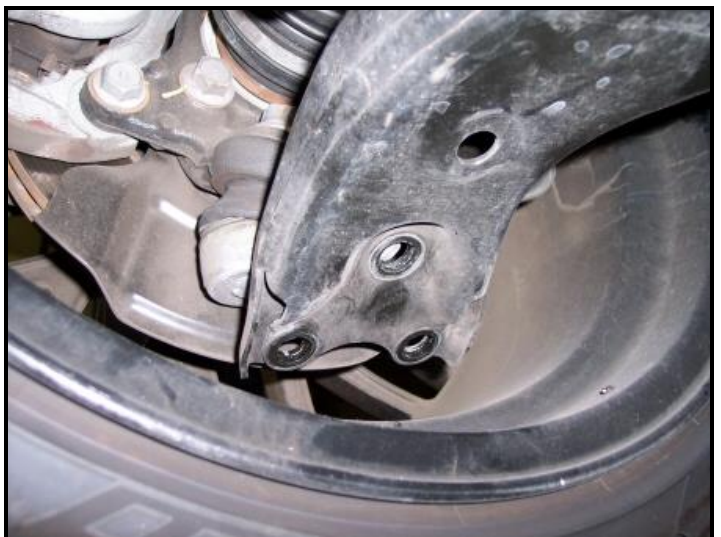
4F ***Remove Bushing Plates***

Remove the bolts that attach the sway bar bushing plate to the sub frame, and remove the bushings.



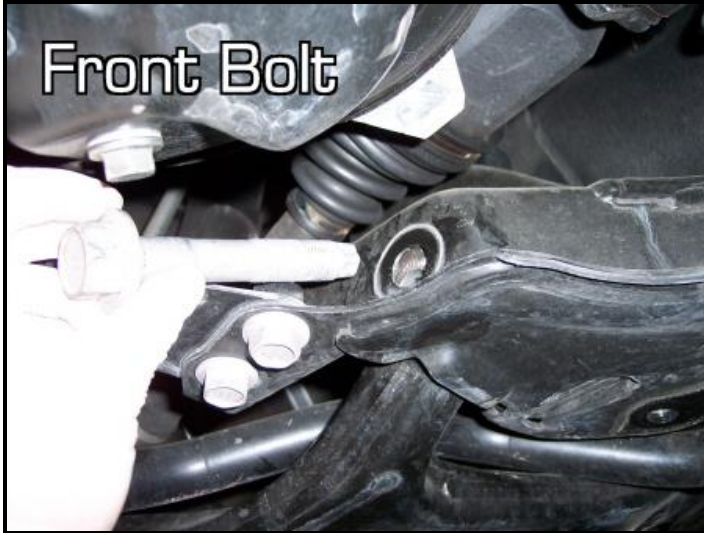
5F ***Disconnect the Lower Ball Joint***

Remove the 2 nuts, and 1 bolt that attach the passenger side lower control arm to the ball joint. Do this for the Passenger side only.



6f ***Disconnect the Passenger-Side Lower Control Arm***

Remove the front position lower control arm bolt, and loosen the rear position bolt. Note that the rear position bolt does not need to be removed.



7F ***Remove the Stock Sway Bar***

Shift the lower control arm away from the vehicle, and shift the sway bar towards the passenger side until the drivers side of the bar falls free. You should now be able to completely remove the sway bar from the vehicle.



8F ***Install Hotchkis Sway Bar in Reverse Order***

Install the new sway bar in reverse order. Make sure to grease the new bushings with the supplied silicon grease. Note the position that the new bushings must be installed in the sub frame. Do not completely tighten the lower control arm bolts until the vehicle is at ride height, and torque to 140 ft lbs. If the bolts are not properly tightened noise and damage to the bushing will occur.



9F ***Double Check Hardware***

Make sure all hardware is fully tightened before driving the vehicle. You are done with the front installation. Continue to the Rear Installation.

10F ***Sway Bar Stiffness***

50% Stiffer than Stock

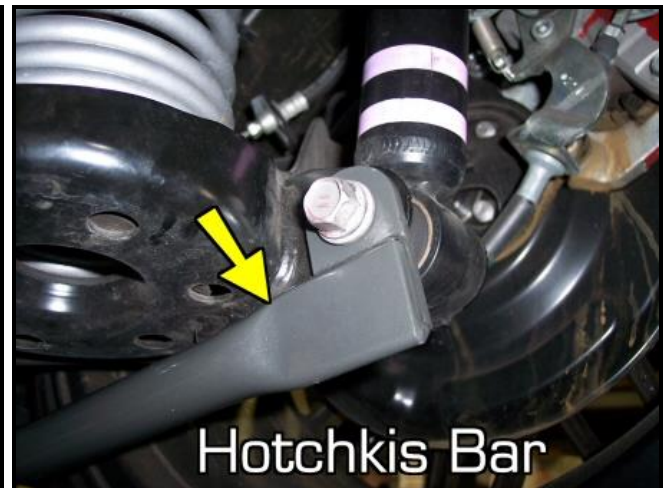
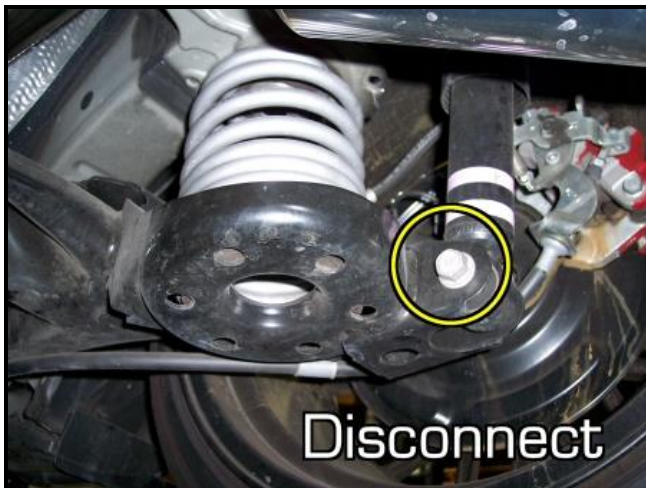
Installation of Hotchkis Rear Sway Bar

1R *Raising Car*

Removal of the rear sway bar should be done at ride height, so the vehicle must be raised by a flat alignment style rack, or place the rear of the vehicle on ramps and securely block the front wheels.

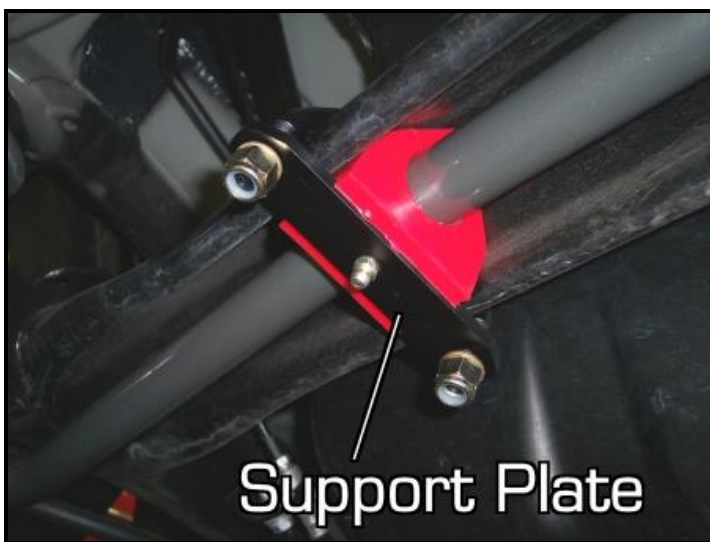
2R *Attach Sway Bar Ends to Shock Mount*

Remove lower shock bolts, lift sway bar into position and re-attach lower shock bolts. Do not tighten yet.



3R *Attach Sway Bar to Torsion Beam*

Apply grease to the new bushings with the supplied grease, and install onto sway bar. Lift the sway bar into position, and install the V-bolt along with the bottom support plate. Make sure the bar and bushings are centered and as far outboard as possible, now you can first tighten the bushing brackets, and then tighten the lower shock bolts. When tightening the shock bolts, apply a generous amount of thread locking compound on the bolt.



4R ***Double Check Hardware***

Make sure all hardware is fully tightened before driving the vehicle. You are done with the installation. The vehicle does not require an alignment after this installation.

5R ***Stiffness Adjustment***

The rear stabilizer bar is an add-on part and gives you an additional 200 lbs/in of spring rate in the rear suspension.

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RMA # _____
118 Infield Court
 Mooresville, NC 28117

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