

nismo



Installation

**PART NUMBER: NISMO 54600-SRZ34
FRONT & REAR ANTI-SWAY BAR
NISSAN Z | 2023+**

THANK YOU

Please take a moment to read all instructions and warnings prior to the installation of your new NISMO product and before operating your vehicle.

Before You Begin:

It is of the utmost importance that you confirm all of the components listed on the parts list is in the kit. You can find this list located on the last page(s) of your instructions. Do not begin installation if any part is missing. Instead, please call our customer service specialists.

Customer Support:
Phone: 1-888-833-3225
Email: nmc.race@nissan-usa.com

Safety Information:

Warning: Do not work under a vehicle supported only by a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

Proper use of safety equipment and eye/face/hand protection is absolutely necessary when performing any of the following instructions.

We recommend that a qualified mechanic, at a properly equipped facility, perform this installation.

It is very helpful to have an assistant available during installation.

Before Driving Your Vehicle:

It is important to double check all brake hoses, cables, and other components to be sure there is no interference. You must also check for wheel/tire to chassis/body interference. If any issues are found, review your installation instructions to be sure no steps were missed and any problems are corrected.

Make sure your vehicle is aligned immediately following installation.

Check all hardware and re-torque at intervals for the first 10, 100, and 1000 miles.

Any changes in your vehicle's suspension may result in transformed handling. Please test-drive your vehicle in a remote location so you can become accustomed to the revised driving characteristics.

Perform headlight check and adjustment.

Failure to drive any modified vehicle in a safe manner may result in harm or death.

Never operate your modified vehicle under the influence of drugs, alcohol, or lack of adequate sleep.

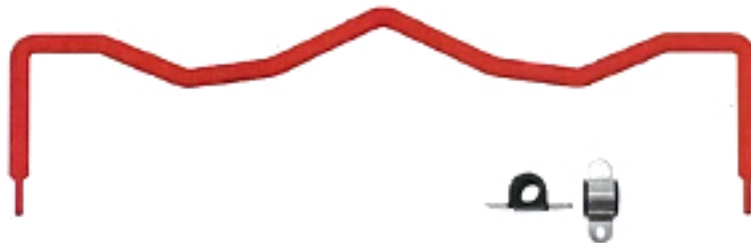
Always wear your seatbelt.

KIT CONTENTS



Anti-Sway Bar Kit		
Part number	Description	Qty
50129-300	FRONT ANTI-SWAY BAR	1
50129-777	HARDWARE KIT	1

Hardware Kit (50219-777)		
Part number	Description	Qty
55000-10	GREASE PACK	1
114026-95	PIVOT BUSHING BRACKET	2
113110	PIVOT BUSHING 1-3/8"	2



REAR Anti-Sway Bar Kit		
Part number	Description	Qty
51129-300	REAR ANTI-SWAY BAR	1
51129-777	HARDWARE KIT	1

Hardware Kit		
Part number	Description	Qty
55000-10	GREASE PACK	1
114032-95	PIVOT BUSHING BRACKET	2
113175	PIVOT BUSHING 1-1/8"	2



Difficulty: ★★★★★



Installation Time: 1-2 Hrs

Recommended Tools:

- Properly rated floor jack
- Wheel chocks
- Support stands
- Metric wrench set
- Metric ratchet socket set
- Flat and Phillips head screwdrivers
- Safety Glasses
- Torque wrench rated up to 100 ft lbs.

Jacking, Supporting, and Preparing the Vehicle

1. Park your vehicle on a smooth, level, concrete or seasoned asphalt surface.
2. Block the rear wheels of the vehicle using wheel chocks. Make sure the vehicle's transmission is in "PARK" (automatic) or 1st gear (manual).
3. Activate the parking brake.
4. Break loose, but do not spin the wheel lug nuts to ease in removal when the wheels are in the air.
5. Lift the front of the vehicle off the ground using a properly rated floor jack. Lift the vehicle so the front tires are approximately 6-8 inches off the ground.
6. Place support stands rated for the vehicles weight. The stands should be positioned in the factory specified locations. (Refer to the owners manual). Prior to lowering the vehicle onto stands, make sure the support stands will contact the chassis. It is very important that the vehicle is properly supported to prevent any harm to ones self or to the vehicle.
7. Lower the vehicle slowly onto the stands.
8. Remove the front wheels.

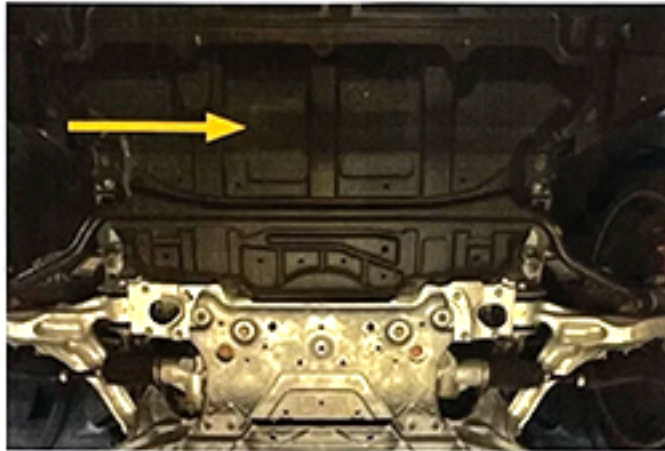


Technician reminder:

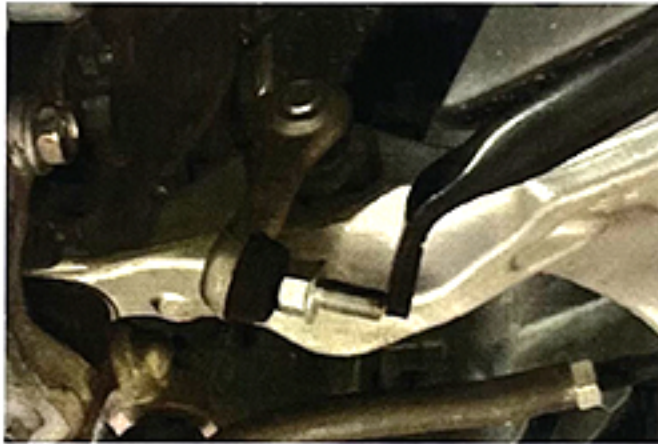
Never work under a vehicle supported only by a jack. It is necessary to place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

FRONT Anti-Sway Bar Removal

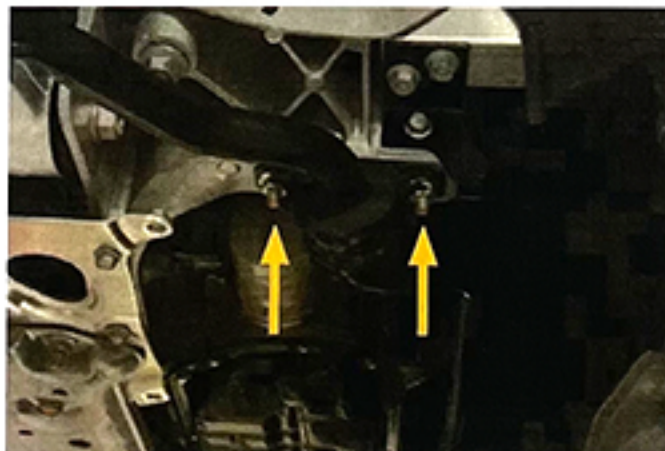
9. To gain access to the OEM sway bar, detach the engine splash guard by removing the combination of plastic clips and bolts.



10. Remove the lower end link nuts with a 17mm wrench. Secure the end link from spinning by using an open end 19mm wrench at the base of the end link ball joint. Ensure there is no damage done to the rubber boot.

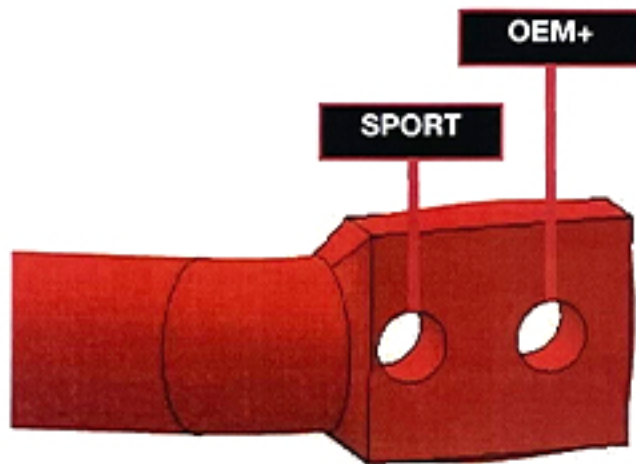


11. Remove the pivot bushing brackets with a 14mm socket and remove the sway bar assembly from the vehicle.



FRONT Anti-Sway Bar Installation

12. Using the supplied grease pack, thoroughly lubricate the inside of the new pivot bushings supplied with the sway bar.
13. Attach the bushings on both sides of the ST sway bar, close to the original location against the lateral rings on the sway bar. Once located, rotate the bushings slightly to evenly spread the lubricant.
14. Mount the sway bar with the supplied pivot bushing brackets. Use the original bracket nuts to secure the sway bar. Torque the brackets to 38 ft lbs.
15. Please choose a sway bar setting for your vehicle: OEM+ or SPORT (OEM+ is softer and SPORT is stiffer)



16. Swing the sway bar arms to the end links and attach the sway bar with the original lower end link nuts. Torque to 62 ft lbs.
17. Attach the engine splash guard with the original bolts and plastic clips.
18. Check brake hoses, steering and other components for any possible interference.

REAR Anti-Sway Bar Removal

19. Remove the three bolts holding the diagonal chassis brace bracket then remove the 12mm bolts holding both braces and detach them from the vehicle.



20. Support the exhaust at the rear muffler with a jack to lower the exhaust and gain clearance in the next steps.

21. Remove the 12mm nuts and bolts holding the exhaust hanger brackets at the mid-pipe and at the muffler.



22. Lower the jack and the exhaust assembly to gain clearance.



REAR Anti-Sway Bar Removal (Continued)

23. Remove the lower end link nuts with a 14mm wrench. Secure the end link from spinning by using an open end wrench at the base of the end link ball joint. Ensure there is no damage done to the rubber boot.

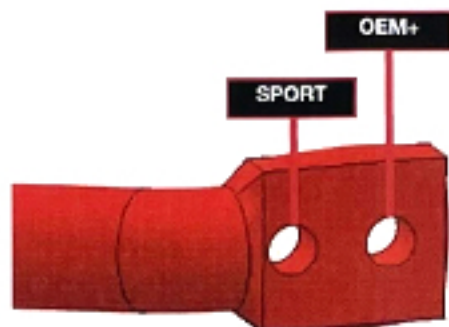


24. Remove the pivot bushing brackets with a 14mm socket and remove the sway bar assembly from the vehicle by guiding it over the exhaust.

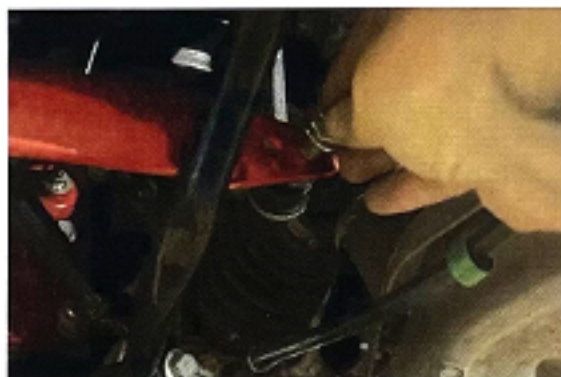


REAR Anti-Sway Bar Installation

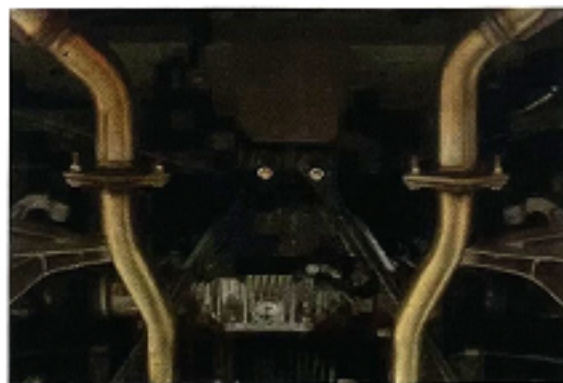
25. Using the supplied grease pack, thoroughly lubricate the inside of the new pivot bushings supplied with the sway bar.
26. Attach the bushings on both sides of the ST sway bar, close to the original location. Once located, rotate the bushings slightly to evenly spread the lubricant.
27. Mount the sway bar with the supplied pivot bushing brackets. Use the original bracket nuts to secure the sway bar. Torque the brackets to 33 ft lbs.
28. Please choose a sway bar setting for your vehicle: OEM+ or SPORT (OEM+ is softer and SPORT is stiffer)



29. Swing the sway bar arms to the end links and attach the sway bar with the original lower end link nuts. Torque to 41 ft lbs.



30. Mount both rear diagonal braces and bracket to the chassis with the original bolts. Torque to 24 ft lbs.



31. Raise the exhaust assembly to attach the hanger brackets to the chassis with the original nuts and bolts. Torque to 10 ft lbs.
32. Check brake hoses and other components for any possible interference.