

Z1 REAR SWAY BAR END LINKS INSTALLATION MANUAL



This Installation Manual is intended for the following models:	
2003-2008	Nissan 350Z
2003-2007	Infiniti G35 (Coupe)
2003-2006	Infiniti G35 (Sedan, RWD)
2009-2020	Nissan 370Z
2008-2013	Infiniti G37 (Coupe)
2009-2015	Infiniti G37/Q60 (Sedan)
2023+	Nissan Z

PROLOGUE:

Study these instructions completely before proceeding to assembly. The installer must have a thorough knowledge of automotive systems operation. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

WARNING!

Extreme caution should be taken when performing maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding installation or the various components included with the Z1 Motorsports Rear Sway Bar End Links, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	2	Z1 End Link
2	4	Nylon Locknut
3	16	Washer

TOOLS REQUIRED:

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- Ratchet Extension(s)
- Assorted Metric Wrenches
- Assorted Metric Sockets
- Torque Wrench

SAFETY REQUIREMENTS:

- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always turn the ignition to the OFF position and disconnect the NEGATIVE battery terminal.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Only operate drivetrain in safe space and well-ventilated areas.

BEFORE YOU BEGIN:

Remove contents from the Z1 Motorsports Rear Sway Bar End Links and verify that ALL necessary hardware is present.

Sway Bar Diagrams are provided on the last page of the manual for all applicable models and years.

PROCEDURE:

1. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
2. Locate proper jacking points on vehicle's chassis (refer to vehicle's Owner Manual). Raise and support vehicle using jack and jack stands.
3. If necessary, remove any exhaust components to gain access to the Rear Sway Bar.
4. Remove the (2) two nuts that secure the OE End Links to the chassis and Rear Sway Bar. Refer to the last page of this Installation Manual for the specific locations relative to your vehicle.
5. Remove the OE End Links from the vehicle. They may need to be tapped out with a hammer if they are stuck.
6. Locate the Z1 End Links. Loosen the (2) two Jam Nuts on the End Link and adjust the length of the End Link to match the length of the OE End Link.
7. Install (1) one Washer onto each end of the End Link and position them into the vehicle, (1) one end through the Sway Bar, and (1) one end into the Chassis Mount. *Figure 1.*
8. Install (1) one Washer and (1) one Nylon Locknut to the ends of the End Links to secure them to the vehicle. *Figure 1.*

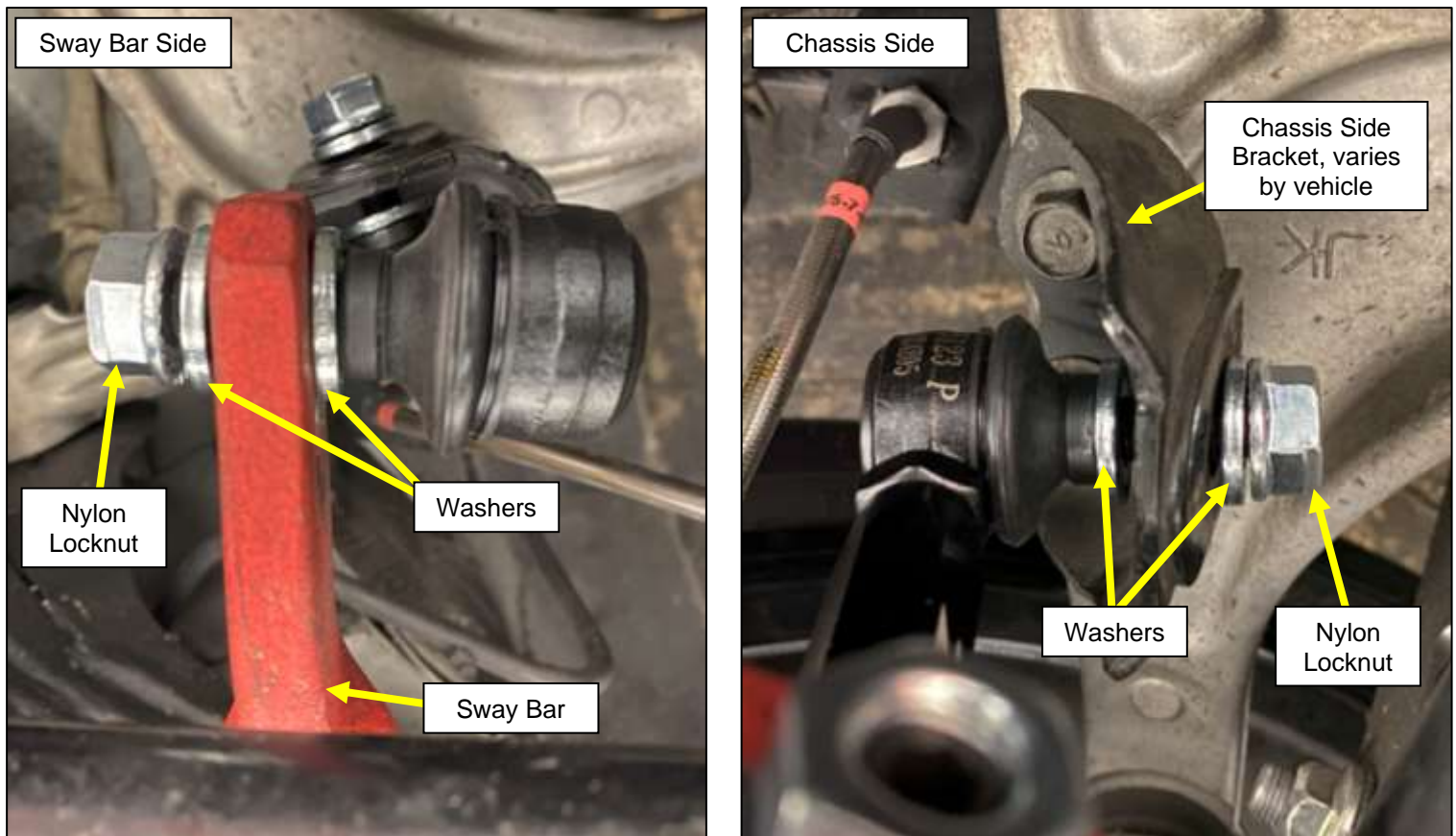


Figure 1

9. Torque the nuts to the following spec depending on your vehicle:

350Z: Both Nuts: **37-44 ft-lbs**

370Z: Chassis Side Nut: **70 ft-lbs**, Sway Bar Nut: **41 ft-lbs**

G35 Coupe: Both Nuts: **41 ft-lbs**

G35 Sedan: Both Nuts: **37-44 ft-lbs**

G37 Coupe: Chassis Side Nut: **52 ft-lbs**, Sway Bar Nut: **41 ft-lbs**

G37 Sedan: Chassis Side Nut: **52 ft-lbs**, Sway Bar Nut: **41 ft-lbs**

Z: Chassis Side Nut: **70 ft-lbs**, Sway Bar Nut: **41 ft-lbs**

10. Adjust the End Links as necessary to make sure there is no preload or binding on the Sway Bar, and that the Ends are in the center of their articulation, and not angled. *Figure 2.*

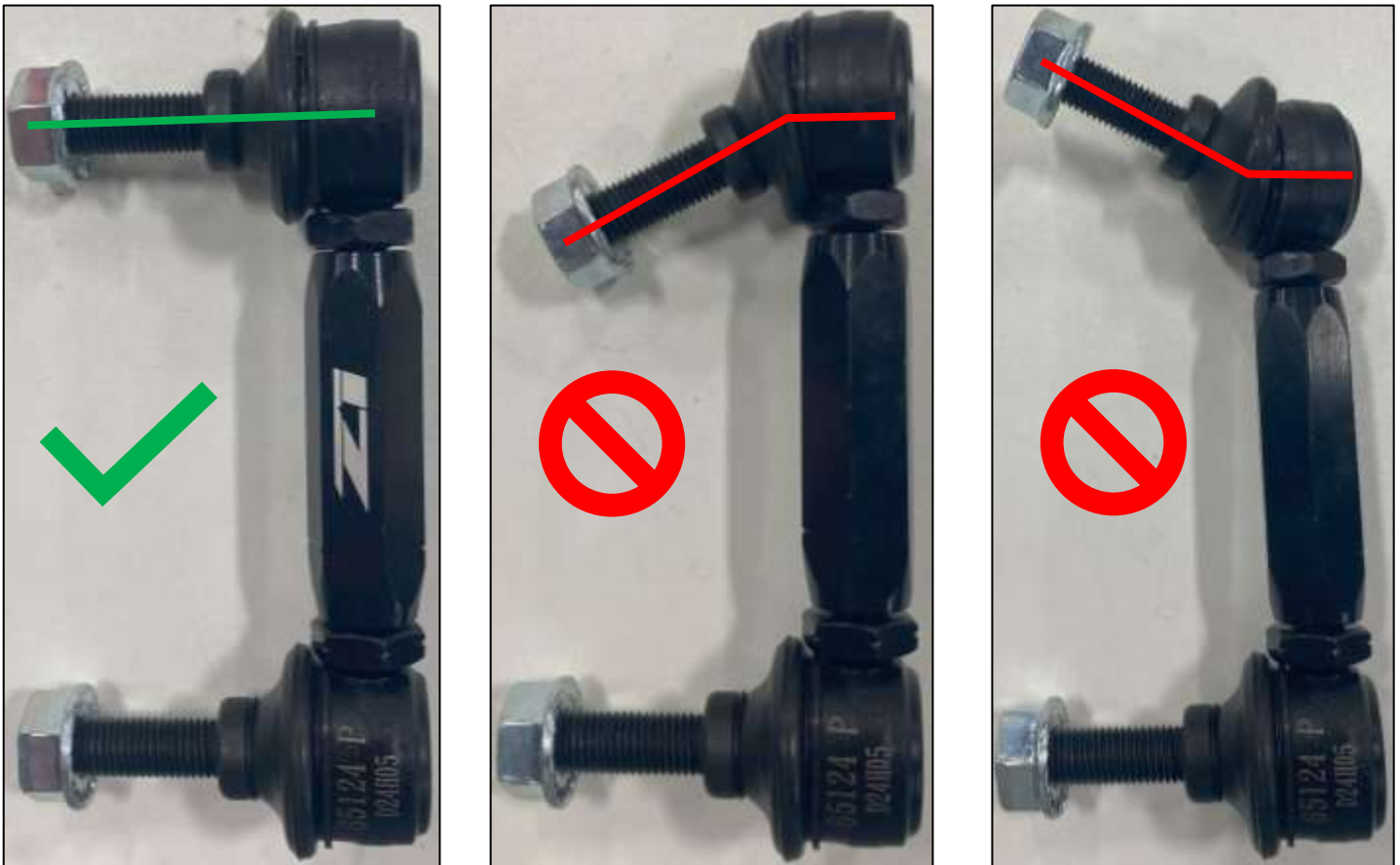
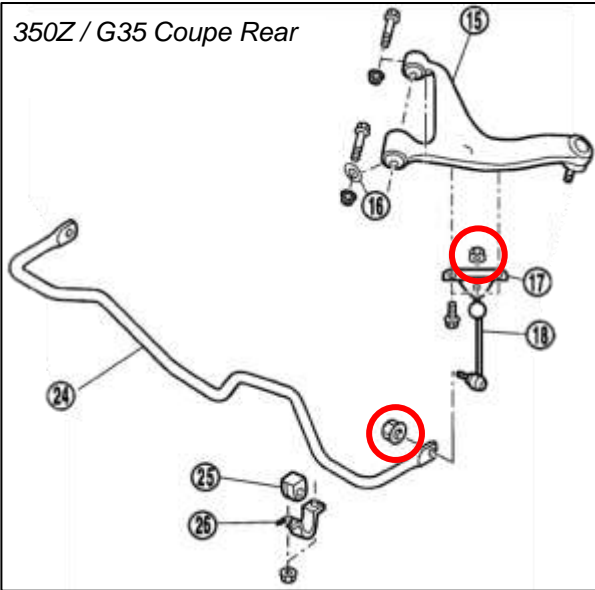


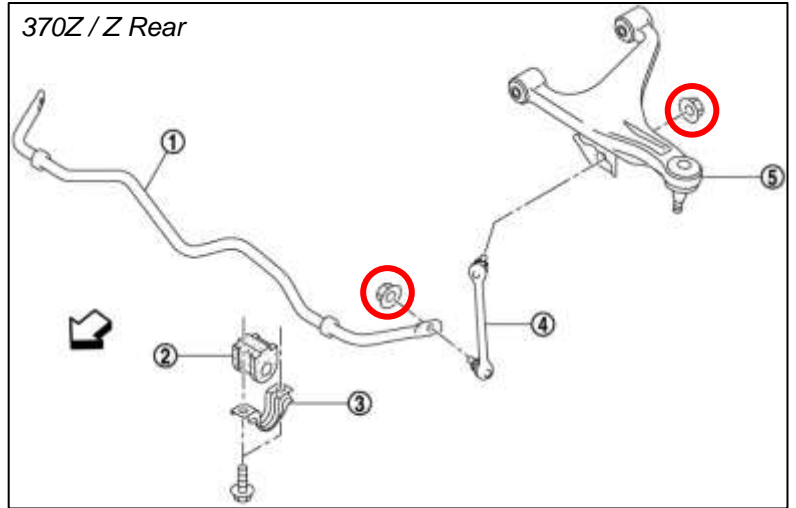
Figure 2

11. Safely lower the vehicle onto the ground. Check that the Sway Bar is parallel to the ground. If the Sway Bar is not parallel to the ground, the height of the End Links will need to be adjusted.
12. Once the height of End Links is confirmed, raise the vehicle again and tighten the End Link Jam Nuts against the center of the End Link to secure the End Link in position.
13. Reinstall any exhaust components that were removed.
14. Lower the vehicle from jack stands.
15. Take the vehicle for a test drive.

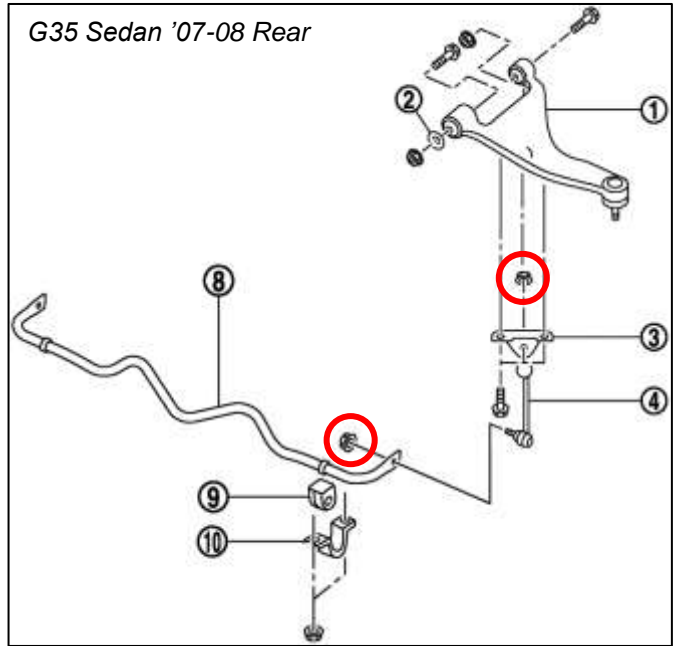
350Z / G35 Coupe Rear



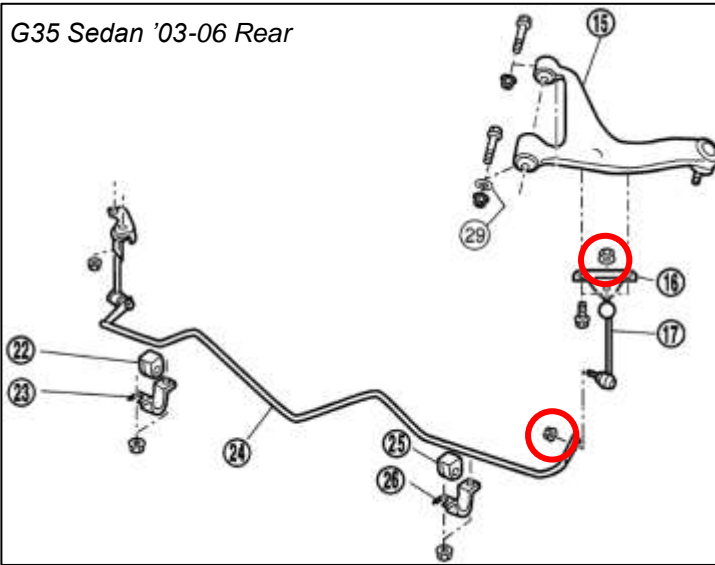
370Z / Z Rear



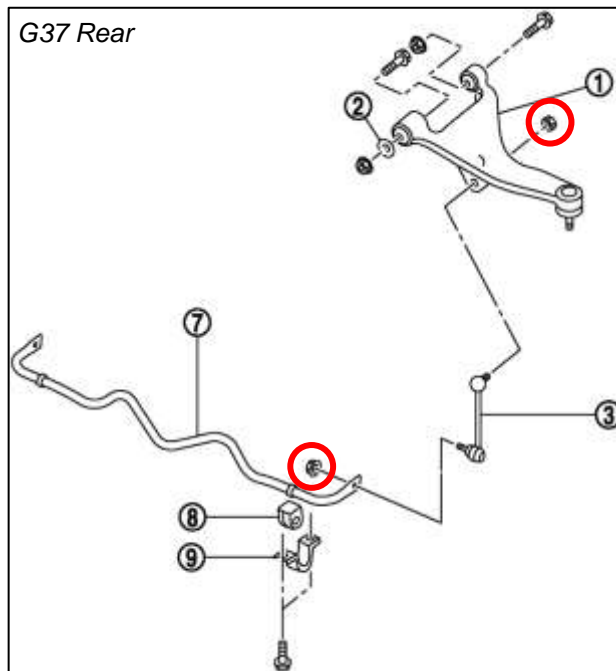
G35 Sedan '07-08 Rear



G35 Sedan '03-06 Rear



G37 Rear



END

Additional Technical Support:

Contact Z1 Motorsports at info@z1motorsports.com

Or call 770-838-7777 between 9am and 6pm ET