

Z1 Z33 REAR SUBFRAME BRACE INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2003-2008	Nissan 350Z
2003-2007	Infiniti G35 (Coupe)

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 Z33 Coupe Rear Subframe Brace, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	1	Z1 Rear Subframe Brace

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 Z33 Rear Subframe Brace and verify that ALL necessary hardware is present.

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 & jack stands.
3. Support the Differential of the vehicle with a jack.
4. Remove the OE Subframe Brace, known as the Rear Pin Stay in the Factory Service Manual (FSM). It is held on by (2) two nuts and (2) two bolts. Retain this hardware as it will be reused. *Figure 1.*



Figure 1

5. Locate the Z1 Rear Subframe Brace. Position it over the exhaust and onto the mounting points of the OE Subframe Brace. *Figure 2.*
6. Using the Hardware removed in *Step 4*, loosely secure the Z1 Rear Subframe Brace into position. *Figure 2.*

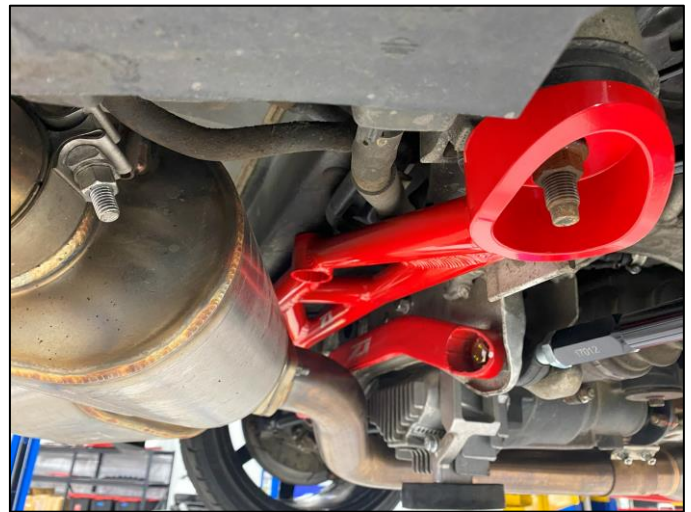
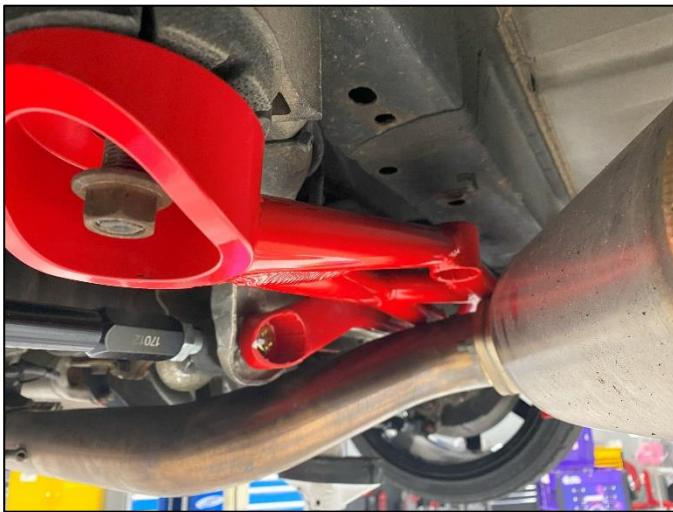


Figure 2

NOTE: On NISMO Models with Stock Exhausts, and some other models, there is an exhaust hanger on the Passenger Side that needs to be disconnected to allow clearance for the Rear Subframe Brace. *Figure 3.*



Figure 3

7. Torque the (2) two nuts of the Rear Subframe Brace to **81 ft-lbs.** *Figure 3.*
8. Torque the (2) two bolts of the Rear Subframe Brace to **36 ft-lbs.** *Figure 3.*



Figure 4

9. Remove the jack from the differential.
10. Safely lower vehicle from jack stands.
11. Account for and remove tools.
12. Take your vehicle for a test drive.

END

Additional Technical Support:
Contact Z1 Motorsports at info@z1motorsports.com
Or call 770-838-7777 between 9am and 6pm ET