

Z1 G35 STRUT TOWER BRACE INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2003-2007	Infiniti G35 (Coupe)
2003-2006	Infiniti G35 (Sedan)

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 G35 Strut Tower Brace, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

Item	Quantity	Description
1	1	Main Bar
2	1	Right Side Mount
3	1	Left Side Mount
4	2	M10 x 1.25 Flange Bolt, 85mm
5	2	M10 X 1.25 Flange Nut
6	6	M8 x 1.25 Flange Nut

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 G35 Strut Tower 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. Raise and support the hood of the vehicle.
3. Leave the car on the ground, or make sure the front wheels are supported properly. Removing the bolts securing the strut to the vehicle in the upcoming steps can allow the suspension assembly to fall if not supported properly.
4. Locate the (3) three bolts securing the strut mount to the Passenger Side Shock Tower of the vehicle. Remove them and set aside. *Figure 1.*



Figure 1

5. Locate the (3) three bolts securing the strut mount to the Driver Side Shock Tower of the vehicle. Remove them and set aside. *Figure 2.*

NOTE: If using the [Z1 Motorsports G35 Master Cylinder Brace](#), the outer brace and nuts will need to be removed. See *Figure 2* below.



Figure 2

6. Locate the Left Side Mount and (3) three M8 x 1.25 Nuts. The Left Side Mount **DOES NOT** have the Z1 logo on it. Position the Left Side Mount on the Passenger Side Strut Tower as shown below and loosely secure it with the (3) three nuts. *Figure 3.*

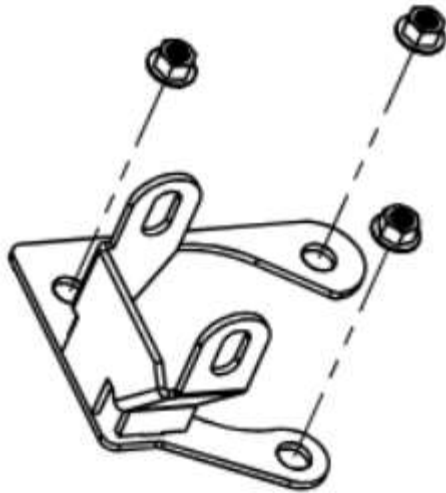


Figure 3

7. Locate the Right-Side Mount and (3) three M8 x 1.25 Nuts. The Right-Side Mount has the Z1 logo on it. Position the Right-Side Mount on the Driver Side Strut Tower as shown below and loosely secure it with the (3) three nuts. **DO NOT TIGHTEN THE NUTS YET.** *Figure 4.*

NOTE: If using the [Z1 Motorsports G35 Master Cylinder Brace](#), the outer brace and nuts will be positioned ON TOP of the Right Side Mount. Use the Master Cylinder Brace Hardware instead of the (2) two M8 x 1.25 Nuts.

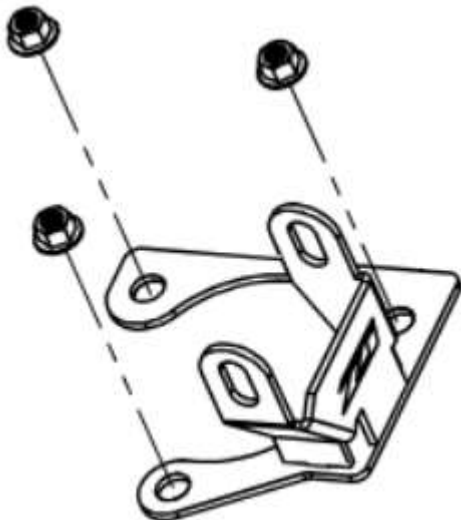


Figure 4

8. Locate the Main Bar, (2) two M10 x 1.25 Flange Bolts, and (2) two M10 x 1.25 Flange Nuts. Place the Main Bar in between each Side Mount. Install (1) one M10 x 1.25 Bolt into each Side Mount, and through the Main Bar. Loosely secure with an M10 Nut on the back. **DO NOT TIGHTEN THE HARDWARE YET.** *Figure 5.*



Figure 5

9. Adjust and position the Main Bar as necessary for your application.
10. Once positioned, tighten the M10 x 1.25 Flange Bolts and M10 Flange Nuts. Torque to **38 ft-lbs.**
11. After torquing the Main Bar to the Side Mounts, tighten the (6) six M8 x 1.25 Nuts securing the Side Mounts to the Shock Towers. Torque to **28 ft-lbs.**

NOTE: If using the [Z1 Motorsports G35 Master Cylinder Brace](#), torque the Nuts used with the brace to **28-ft-lbs.**

12. Account for and remove tools.
13. Close and secure hood.



Installed Z1 G35 Strut Tower Brace

END

Additional Technical Support:

Contact Z1 Motorsports at info@z1motorsports.com

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