

# Z1 350Z HR H-BRACE INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2007-2008

Nissan 350Z

## 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 350Z H-Brace, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

Item	Quantity	Description
1	1	Main Bar
2	1	Left Bar
3	1	Right Bar
4	4	M8 x 1.25 Button Head Screw, 15mm

## **TOOLS REQUIRED:**

- Ratchet
- Ratchet Extension(s)
- Assorted Metric Wrenches
- Assorted Metric Sockets
- Torque Wrench
- M5 Hex/Allen Key

## **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 350Z H-Brace and verify that ALL necessary hardware is present.

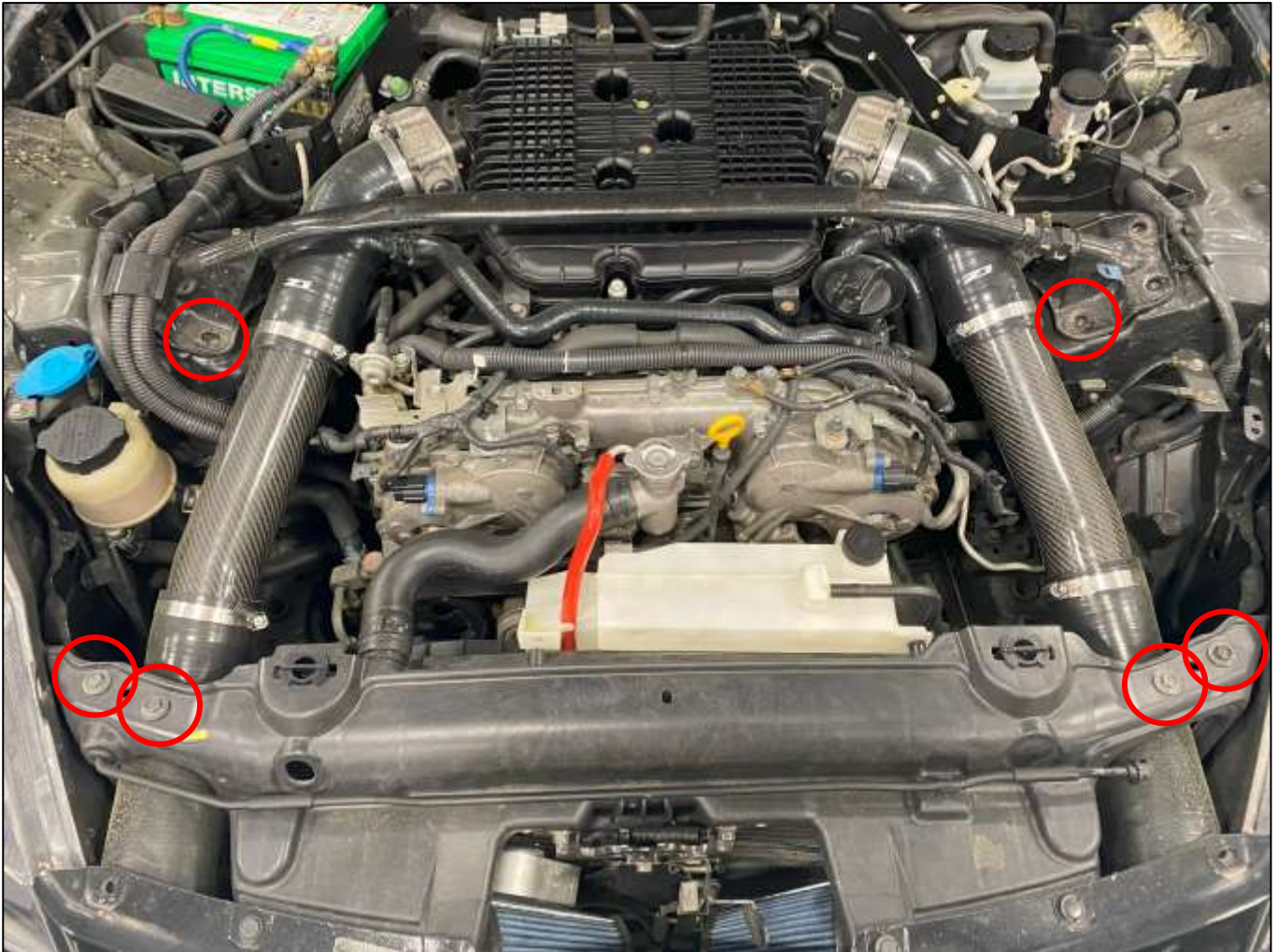
This 350Z H-Brace is designed to work in conjunction with an OE Strut Tower Brace. If you do have an OE Strut Tower Brace, fitment issues may occur.

This Product only fits 350Z with the HR Engine.

## **PROCEDURE:**

1. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
2. Open and support hood of vehicle.
3. Loosen and remove the (6) six bolts circled below. Retain this hardware as it will be reused.

**NOTE:** Our Strut Tower Brace bolts were already removed.



*Figure 1*

4. Locate the Right Bar, place it on the car as shown. Use the OEM hardware removed in *Step 3* to loosely secure the Right Bar to the car. *Figure 2*.

**NOTE:** Our hardware was already loosely installed in *Figure 2*.



*Figure 2*

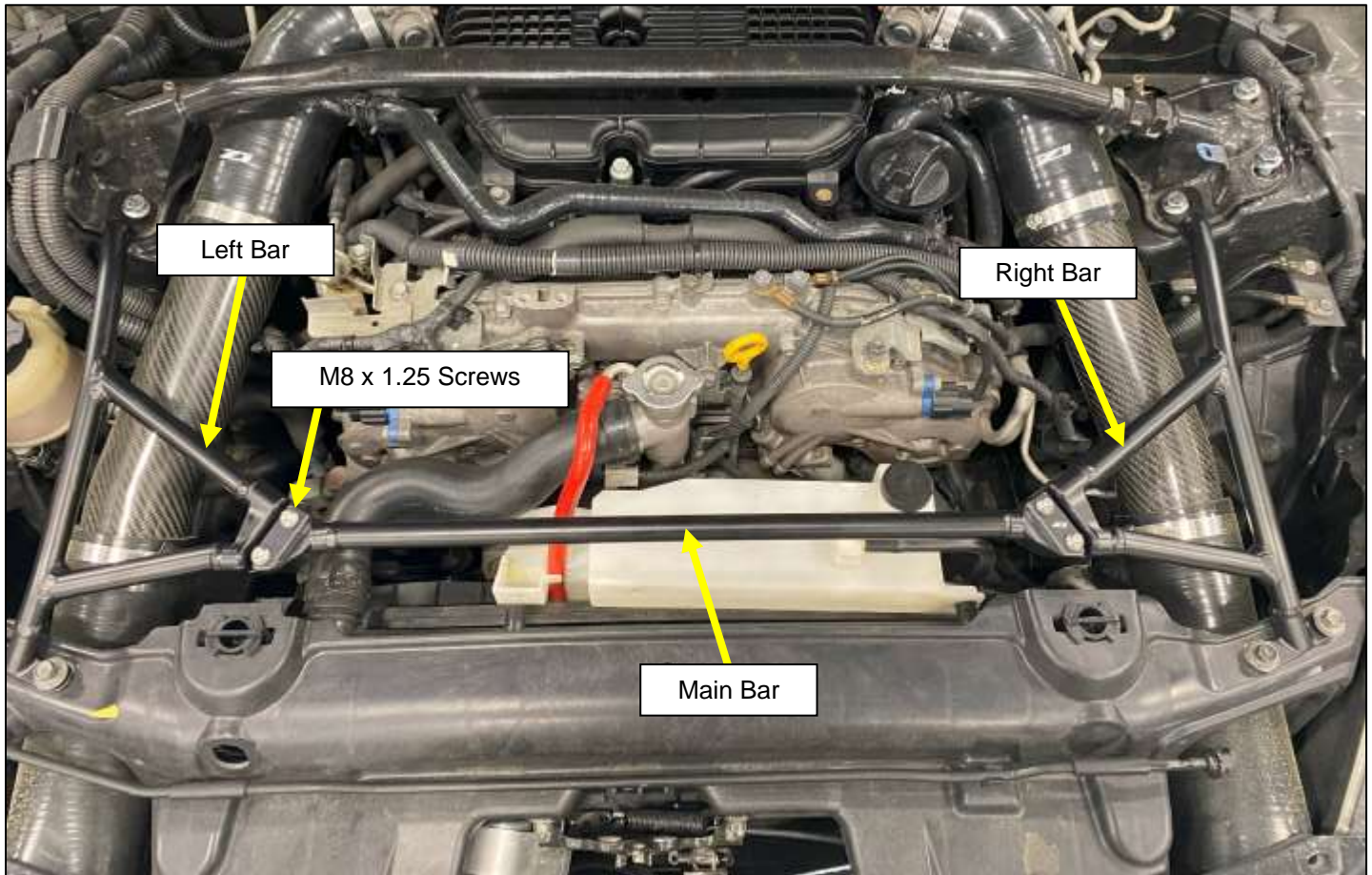
5. Locate the Left Bar, place it on the car as shown. Use the OEM hardware removed in *Step 3* to loosely secure the Left Bar to the car. *Figure 3*.

**NOTE:** Our hardware was already loosely installed in *Figure 3*.



*Figure 3*

6. Locate the Main Bar. Position it on the Right and Left Bars as shown below, with the Z1 Logo on the Right Side. *Figure 4.*
7. Loosely secure the Main Bar to the Right and Left Bars with the supplied M8 x 1.25 Button Head Screws. *Figure 4.*



*Figure 4*

8. Position the H-Brace as needed, and torque the M8 x 1.25 Button Head Screws to **17 ft-lbs.**
9. Torque the (2) two nuts on the Strut Brace to **33 ft-lbs.** Torque the (4) four bolts on the Core Support to **17 ft-lbs.**
10. Account for and remove tools.
11. Close and secure the Hood.
12. Take your car for a test drive.

**END**

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