

# Z1 370Z CHASSIS BRACING, W-BRACE INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2009-2020	Nissan 370Z
2023+	Nissan Z
2007-2008	Infiniti G35 Sedan (HR)
2009-2015	Infiniti G37 Sedan
2008-2015	Infiniti G37 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 370Z Chassis Bracing, W-Brace, consult with a Professional Mechanic or contact Z1 Motorsports for more information.

## **PARTS INCLUDED:**

Item	Quantity	Description
1	1	Z1 W-Brace
2	4	M10 x 1.25 Flanged Bolt, 25mm
3	6	M8 x 1.25 Flanged Bolt, 25mm

## **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.

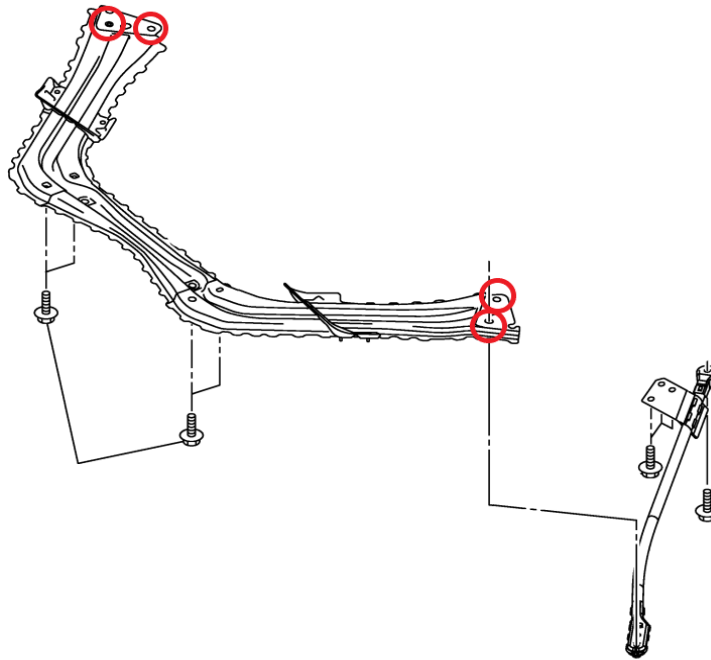
## **BEFORE YOU BEGIN:**

Remove contents from the Z1 Motorsports 370Z Chassis Bracing, W-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. Remove the (4) four bolts connecting the Diagonal Brace to the factory W-Brace, see *Figure 1* below.

**NOTE:** You may need to loosen the other Diagonal Brace bolts near the rear of the car to make room for removal of the factory W-Brace.



*Figure 1*

4. Remove the (6) six remaining bolts holding the factory W-Brace to the car and remove the W-Brace. See Figure 2 below.

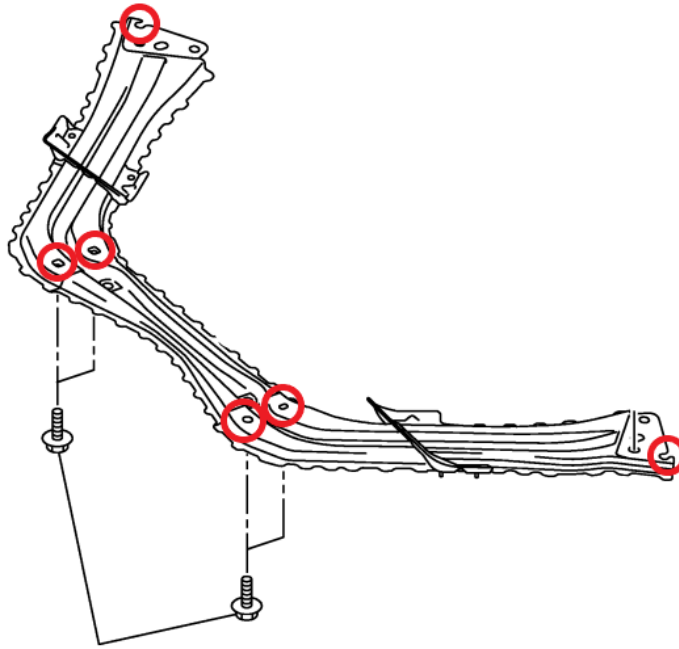


Figure 2

5. Position the Z1 Motorsports W-Brace in position and install the (6) six M8 x 1.25 Flanged bolts. Adjust the Diagonal Braces onto the W-Brace if necessary. Torque to **24 ft-lbs**. See Figure 3.

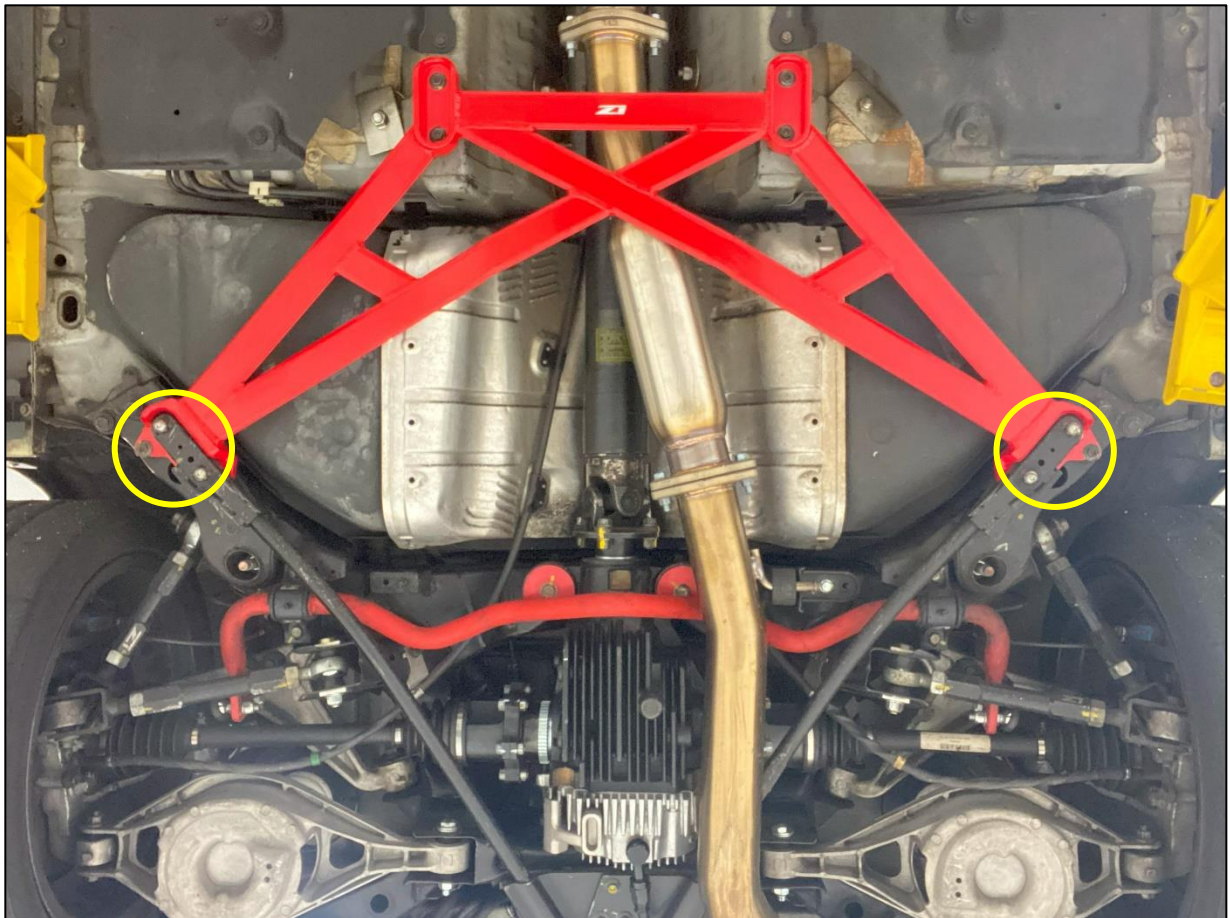
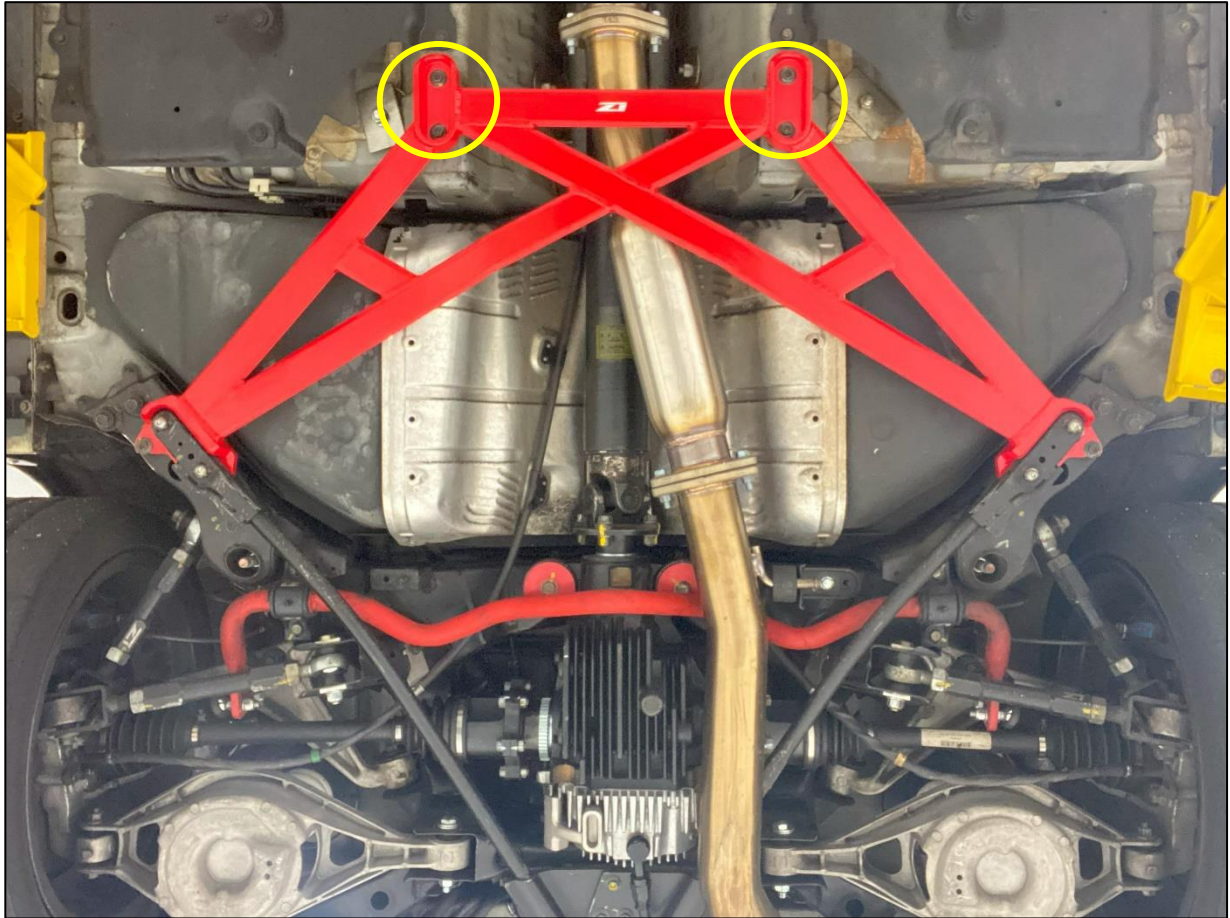


Figure 3

6. Install the (4) four M10 x 1.25 Bolts into the top (4) four holes of the W-Brace. Torque to **24 ft-lbs**. See *Figure 4*.



*Figure 4*

7. Lower the car off jack stands or lift.
8. Take the vehicle 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