

Z1 Q50 / Q60 DIFFERENTIAL BRACE INSTALLATION MANUAL



This Installation Manual is intended for the following models:	
2014+	Infiniti Q50
2016+	Infiniti Q60

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 Q50 / Q60 Differential Brace, consult with a Professional Mechanic or contact Z1 Motorsports for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	1	Q50 / Q60 Differential Brace
2	3	M8-1.25 x 45mm Bolt

TOOLS REQUIRED:

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- Ratchet Extension(s)
- 12mm Socket
- 14mm Socket
- Torque Wrench

SAFETY REQUIREMENTS:

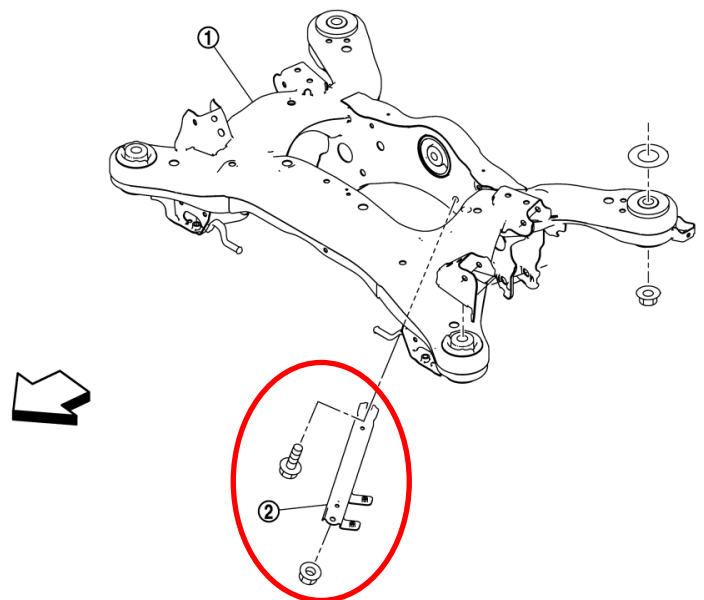
- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Only operate drivetrain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

BEFORE YOU BEGIN:

Remove contents from the Z1 Motorsports Q50 / Q60 Differential Brace and verify that ALL necessary hardware is present.

PROCEDURE:

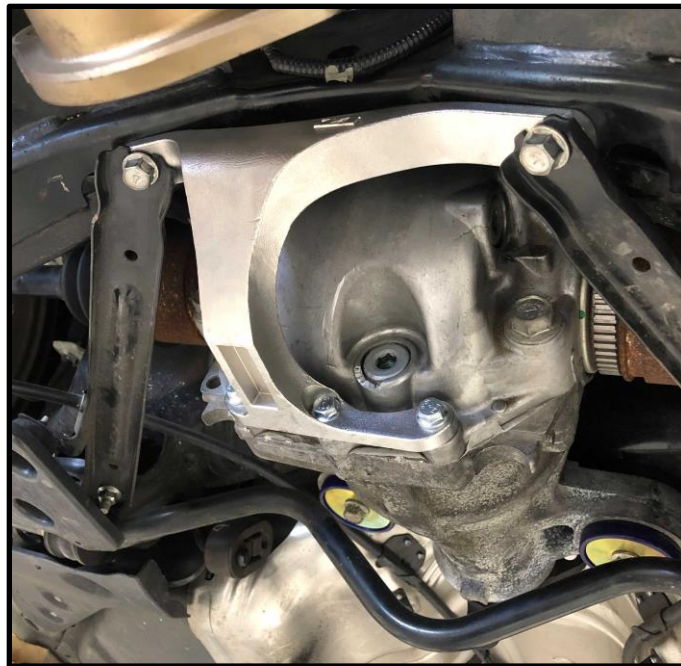
1. Assure the car's ignition is in the OFF position and the NEGATIVE (-) battery terminal is disconnected.
2. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
3. Locate proper jacking points on vehicle's chassis (refer to vehicle's Owner Manual). Raise and support vehicle using jack & jack stands.
4. Remove the bottom (3) bolts on the rear differential housing cover.
5. Remove (1) bolt on each side securing diagonal brace to back of rear subframe (driver side circled at right). You do not need to remove the brace, just the bolts connecting them to the rear subframe. Retain OEM hardware as it will be reused.



6. Slide the Z1 Differential Brace in between the OEM brace and the rear subframe. Secure with OEM hardware removed in step #5, torque to 30ft-lbs (as shown).
7. Secure the bottom of the differential brace to the differential housing using (3) supplied M8 bolts, torque to 20ft-lbs (as shown).



Completed assembly of the Z1 Q50 / Q60 Difference Brace should look as shown:



8. Inspect vehicle for loose tools/items
9. Properly lower vehicle from jack stands.
10. Perform a final test drive of vehicle.

END

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