

Z1 350Z/G35 COUPE FULL FRONT BASH BAR 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, safety, and sound maintenance practices. 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/G35 Coupe Full Front Bash Bar, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	1	Z1 Full Bash Bar

TOOLS REQUIRED:

- (2) 2-Ton Jackstands
- Floor Jack
- (2) Wheel Chocks
- Ratchet w/ Extensions
- Assorted Metric Sockets
- Small Flat Head Screwdriver
- Clip Removal Tool (Plastic)
- 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/secure 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/G35 Coupe Full Front Bash Bar 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. Unlatch and support the Vehicle's hood.
4. Remove the Lower Engine Splash Shield (Undershroud) and set aside. Fasteners will be an assortment of 10mm screws and plastic panel clips. Use a flat blade screwdriver or trim removal tool to gently pry out the pop clips.
5. Remove plastic clips and remove the front wheel/fender liners to reveal mounting screw at each side of vehicle which mounts corner of bumper fascia to the vehicle. Remove the mounting screw on each side.
Figure 1.

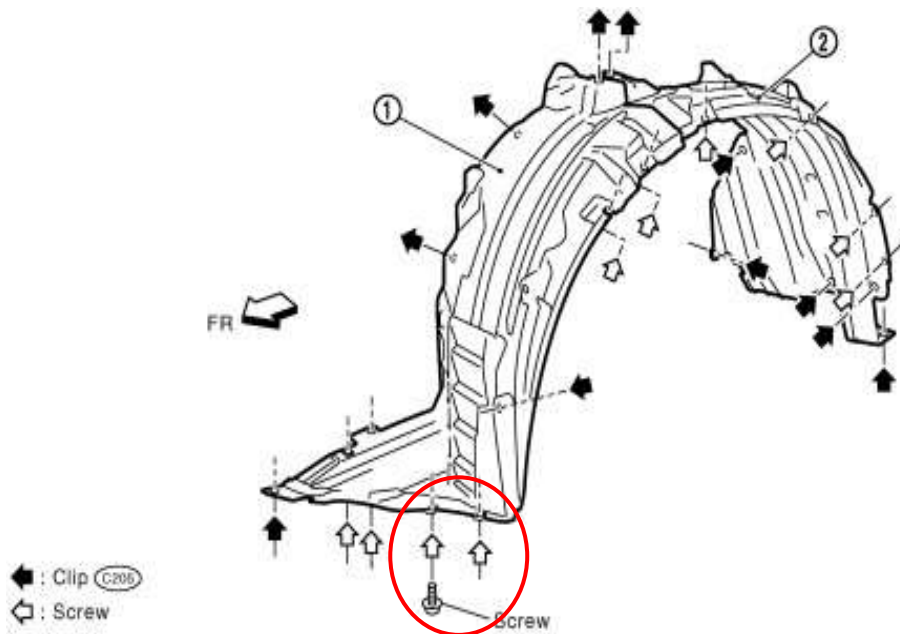


Figure 1

NOTE: Refer to *Figure 2* below for locations of bumper mounting hardware and core support clips for the 350Z and G35.

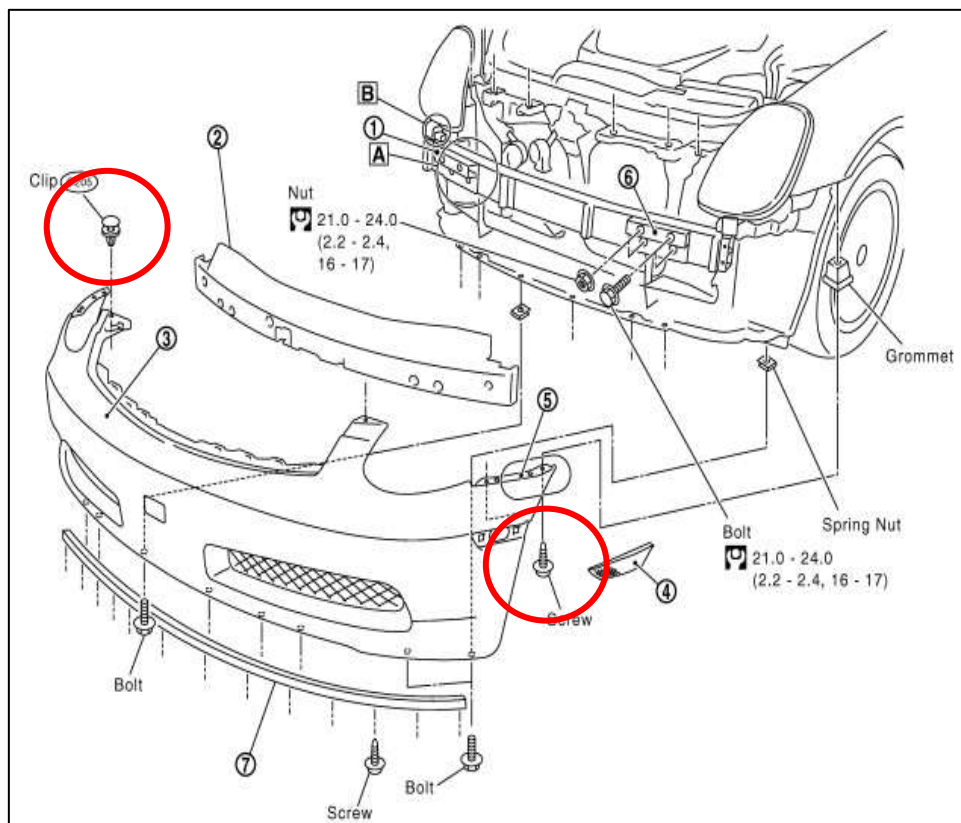
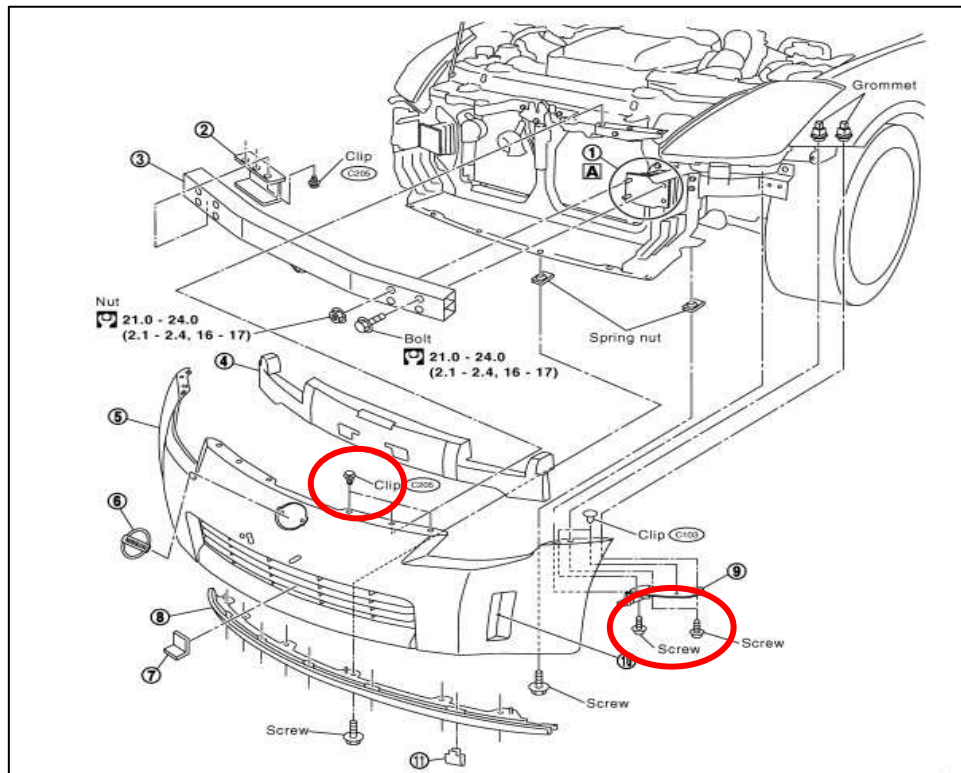


Figure 2

6. Remove plastic pop clips securing the upper Bumper Fascia to vehicle at Radiator Core Support, see *Figure 2*.
7. With a light pull motion, carefully disengage Bumper Fascia from clips on vehicle just below each headlight. Remove Bumper Fascia and set aside.
8. Remove and dispose of the Foam Impact Absorber in front of the Crash Bar.
9. Using a 12mm socket and ratchet with a 2" extension, remove the (8) eight pieces of hardware ((4) four nuts, (4) four bolts) securing the Front Crash Bar to the chassis and retain the hardware as it will be reused.
10. Remove and dispose of Front Crash Bar.
11. **G35 Owners:**
 - a. Remove the (4) four screws that secure the Headlights to the Vehicle. *Figure 3*.

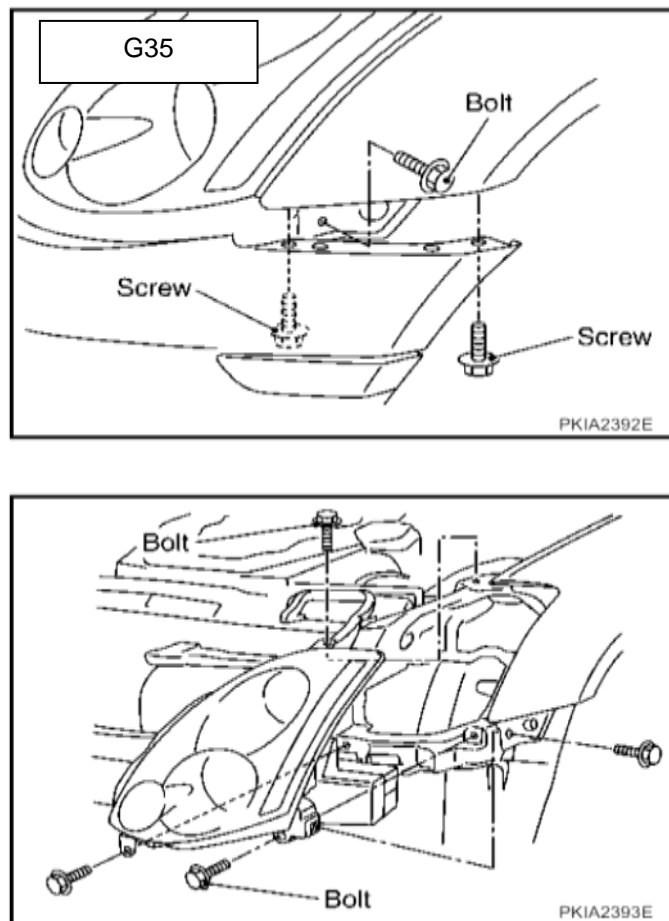


Figure 3

- b. Disconnect the wiring harness to each headlight.
- c. Once disconnected, pull headlight towards the front of the vehicle, and remove.

12. The Windshield Washer Reservoir will need to be removed to make room for the new Front Bumper. Refer to the [Low Profile Washer Fluid Reservoir Installation Manual](#) on how to remove and replace the Reservoir.
13. Locate the Z1 Full Front Bash Bar and install it onto the OE Crash Bar Location. Secure the Bash Bar by using the (8) eight pieces of OE hardware removed in *Step 9. Figure 4.*

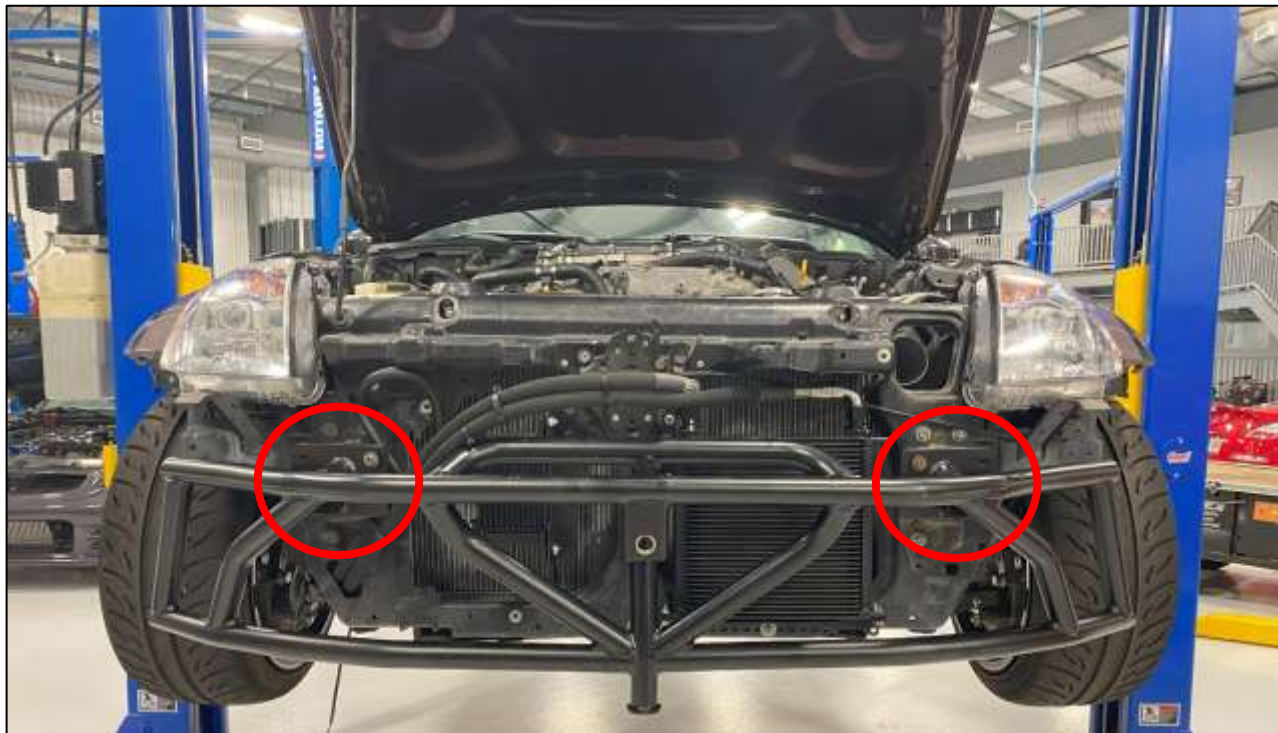


Figure 4

14. Torque the Nuts and Bolts from *Step 11* to **17 ft-lbs.**
15. If applicable, install a tow hook per manufacturer's instructions.

NOTE: The Z1 Bash Bar only accepts 22mm thread diameter tow hooks.
16. Reinstall Bumper by following *Steps 5-11* in reverse order.
17. The Undershroud may need to be cut to allow proper reinstallation and access to the jack point of the Front Bash Bar. There are multiple ways to do this, either by measuring and cutting a hole in the center of the Undershroud, or by cutting a square from the edge out.
18. Lower vehicle from jack and jackstands.

END

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