

Z1 350Z/G35 REAR 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. 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 Rear Bash Bar, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	1	Z1 Rear Bash Bar

TOOLS REQUIRED:

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- Ratchet Extension(s)
- Assorted Metric Wrenches
- Assorted Metric Sockets
- Torque Wrench
- Channel Lock Pliers

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/G35 Rear Bash Bar and verify that ALL necessary hardware is present.

This will not fit Infiniti G35 Sedans.

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.

350Z Bumper Removal:

3. Open and support the Rear Hatch of the Vehicle.
4. Remove the (3) three bolts that secure each Taillight. The bolts may be covered by plastic covers, which can easily be removed with a flathead screwdriver. *Figure 1.*

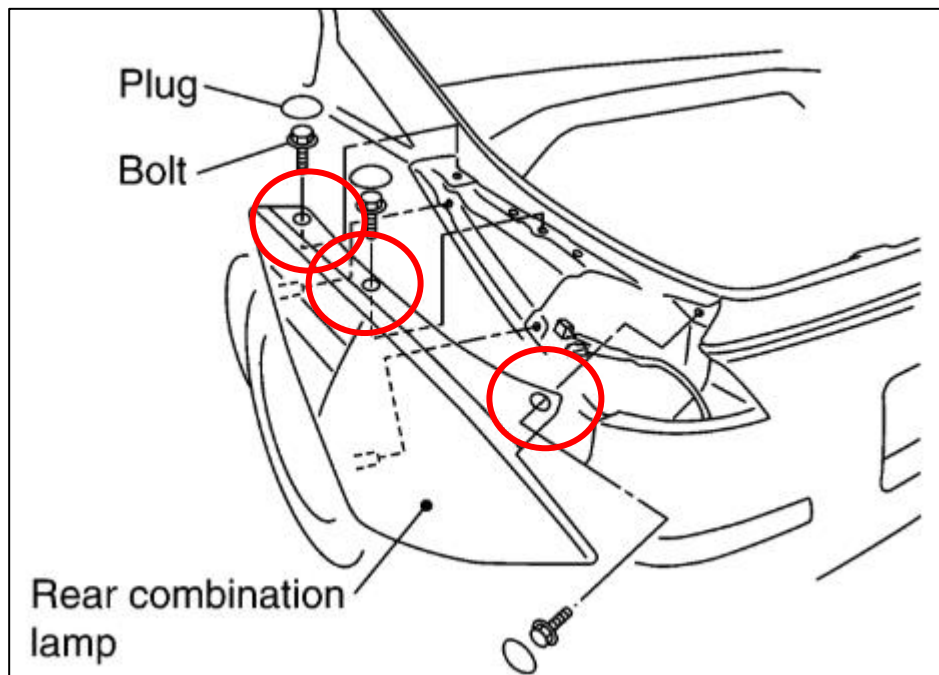


Figure 1

5. Remove the Taillights and disconnect the lights either by removing the bulbs from the housing or disconnecting the wiring harness.

6. Remove the (1) one bolt beneath each taillight housing. *Figure 2.*

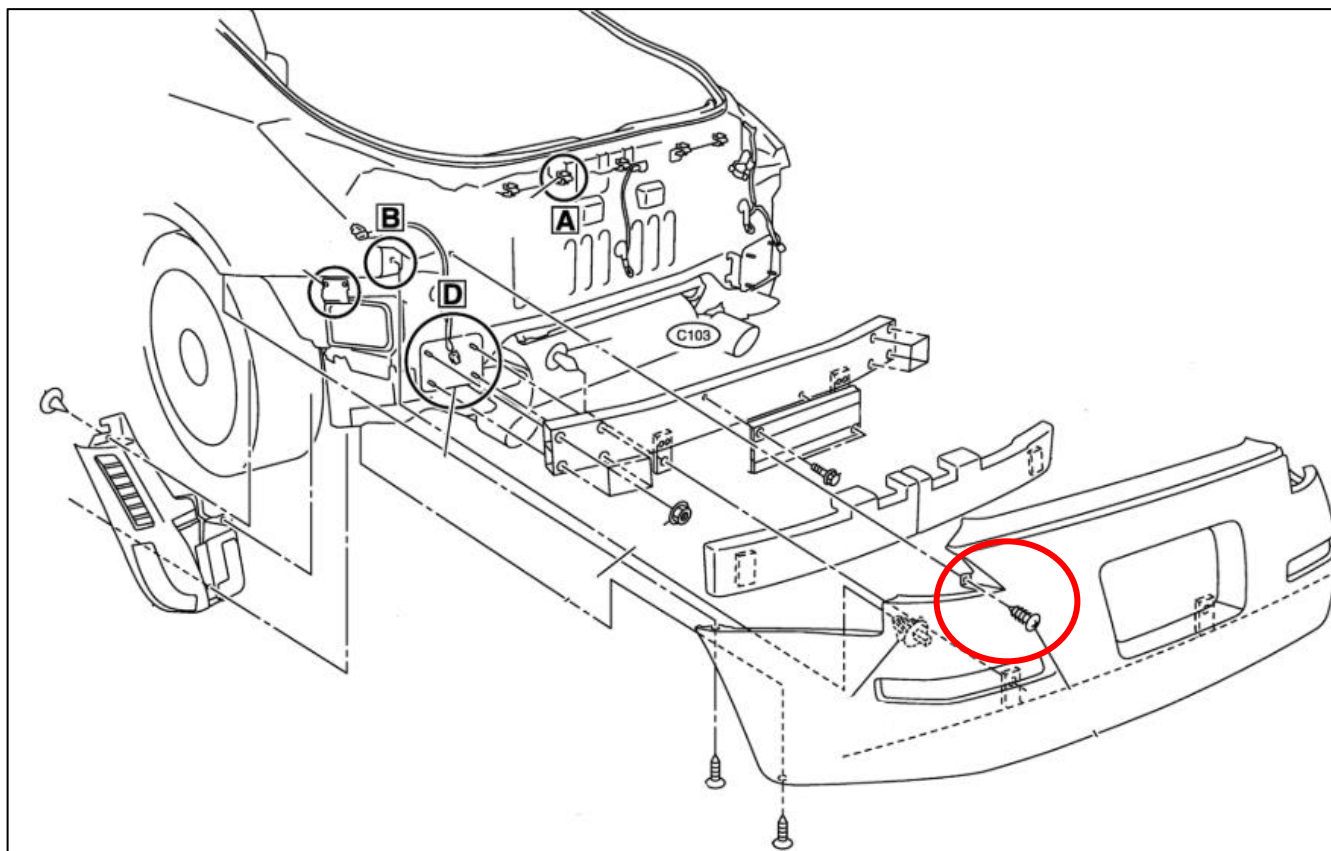


Figure 2

7. Remove the (2) two bolts, (1) one on each side of the car mounting the Rear Bumper to the Rear Fenders. *Figure 3.*

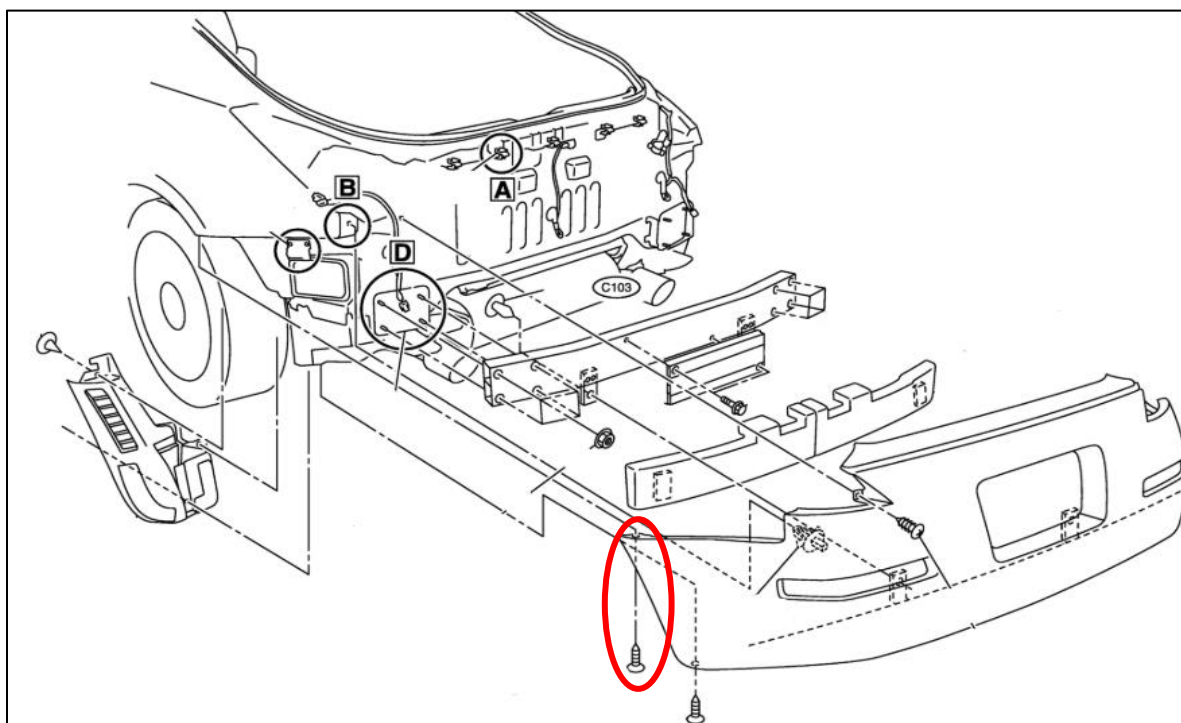


Figure 3

8. Remove the (2) two bolts, (1) one on the bottom of each side of the bumper. *Figure 4.*

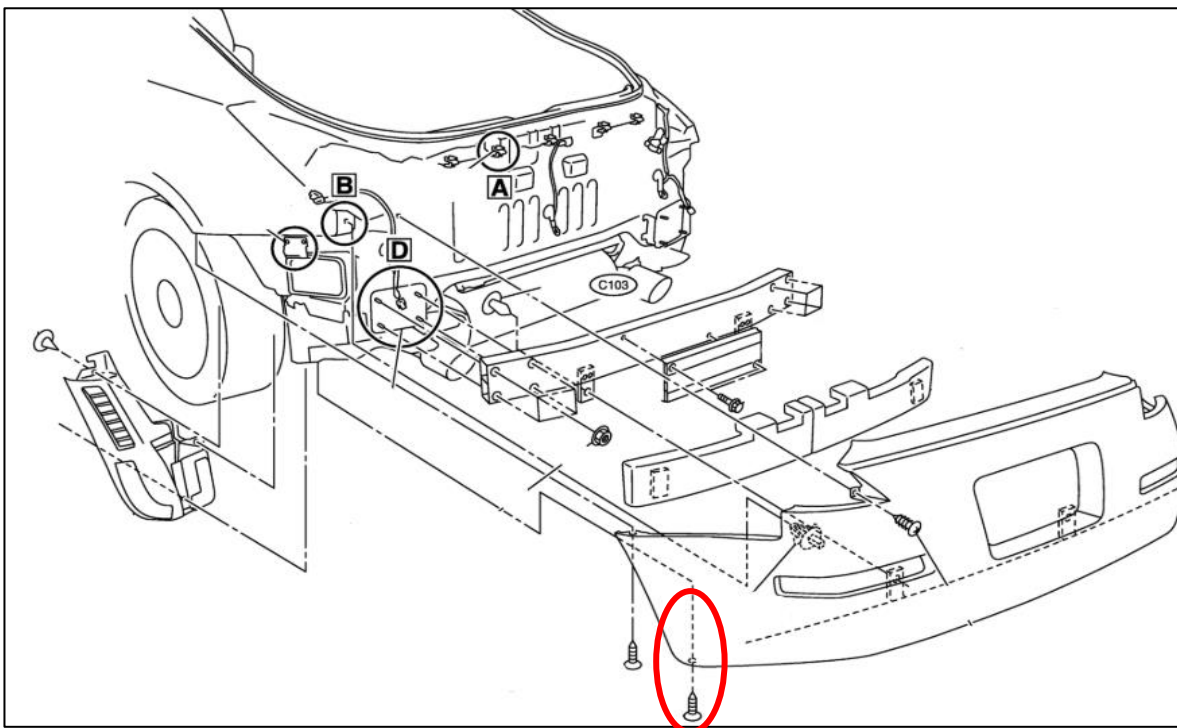


Figure 4

9. Pull the sides of the Rear Bumper slightly away from the car to disconnect it from the plastic tabs.
10. Slowly pull the whole Rear Bumper away from the vehicle, and disconnect the wiring harnesses securing it to the vehicle.
11. Remove the Rear Bumper and set aside.

12. Remove and discard the Foam Crash Support. *Figure 5.*

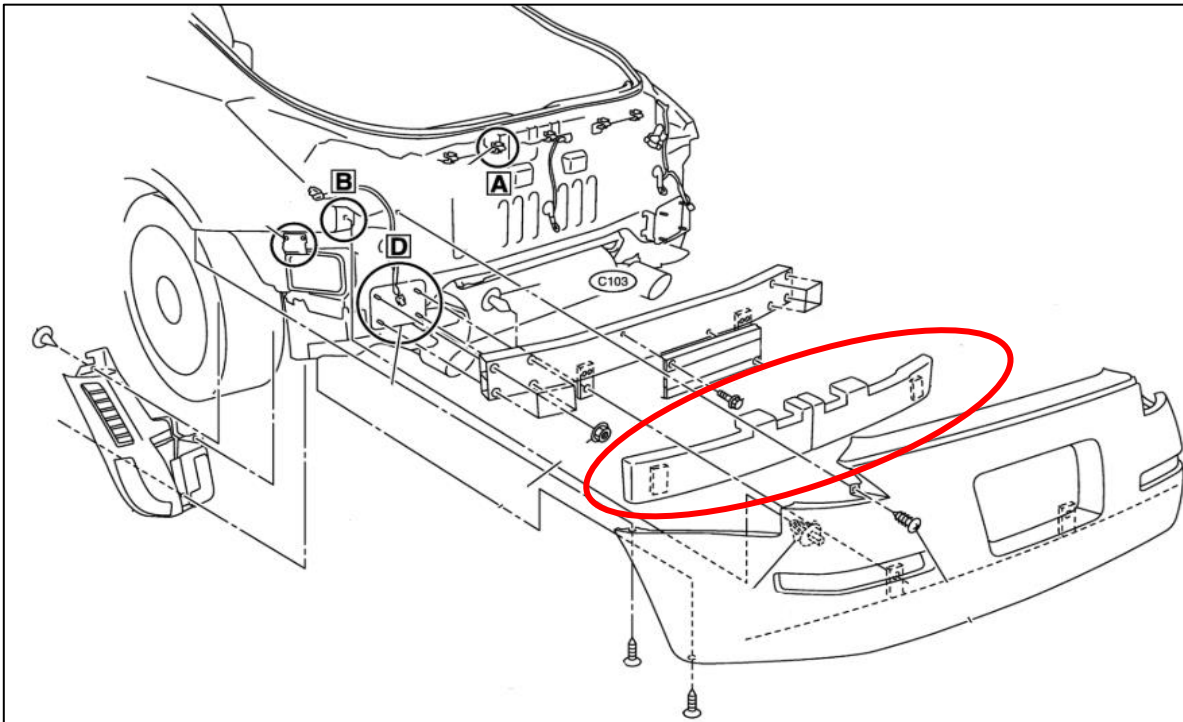


Figure 5

13. Remove the (8) eight nuts that secure the Rear Crash Bar to the vehicle. Retain this hardware. *Figure 6.*

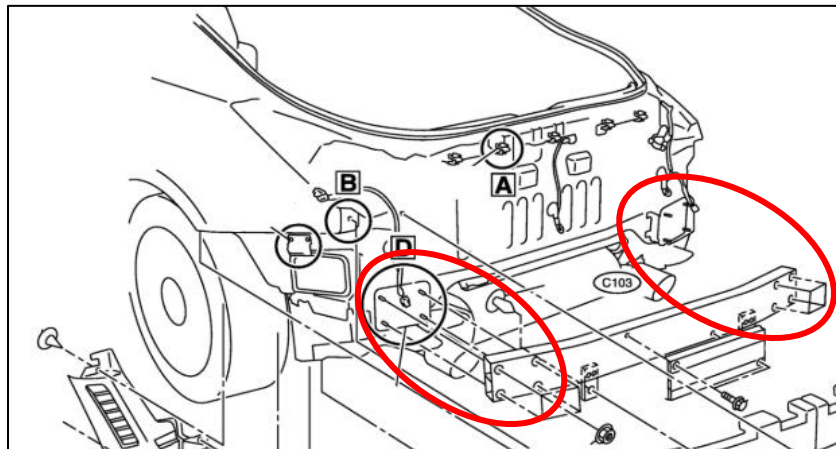


Figure 6

14. Remove the OE Crash Bar.

15. Skip to *Step 31.*

G35 Coupe Bumper Removal:

16. Open and support the trunk of the vehicle.
17. Remove the trunk trim that covers the rear taillights. It is secured by multiple plastic clips.
18. Disconnect the wiring harness for each taillight.
19. Remove the (3) three nuts inside of the trunk that secure each taillight to the vehicle. *Figure 7.*

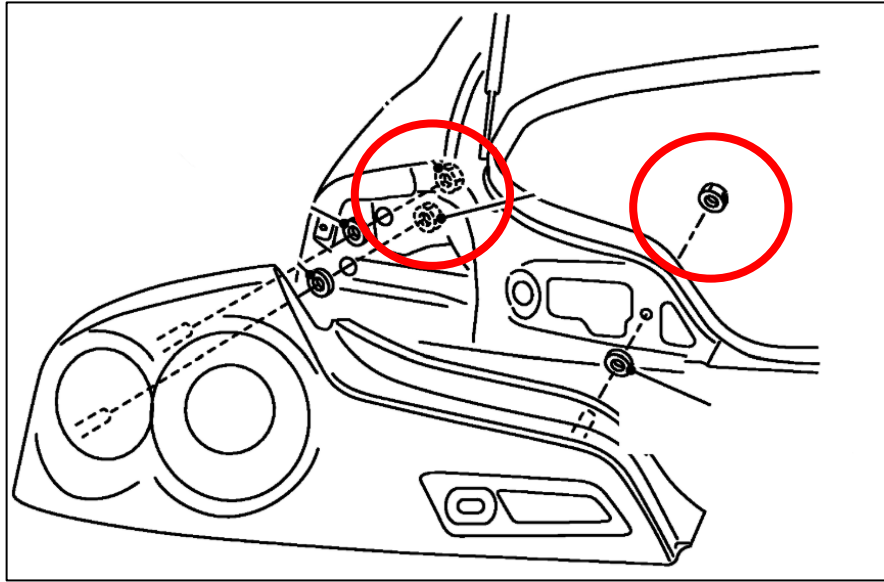


Figure 7

20. Remove the taillights from the vehicle. The wiring harness can be fed through the hole in the chassis.

21. Remove the (4) four bolts, two on each side, that secure the bumper to the vehicle. They are located on the inside of the trunk. *Figure 8.*

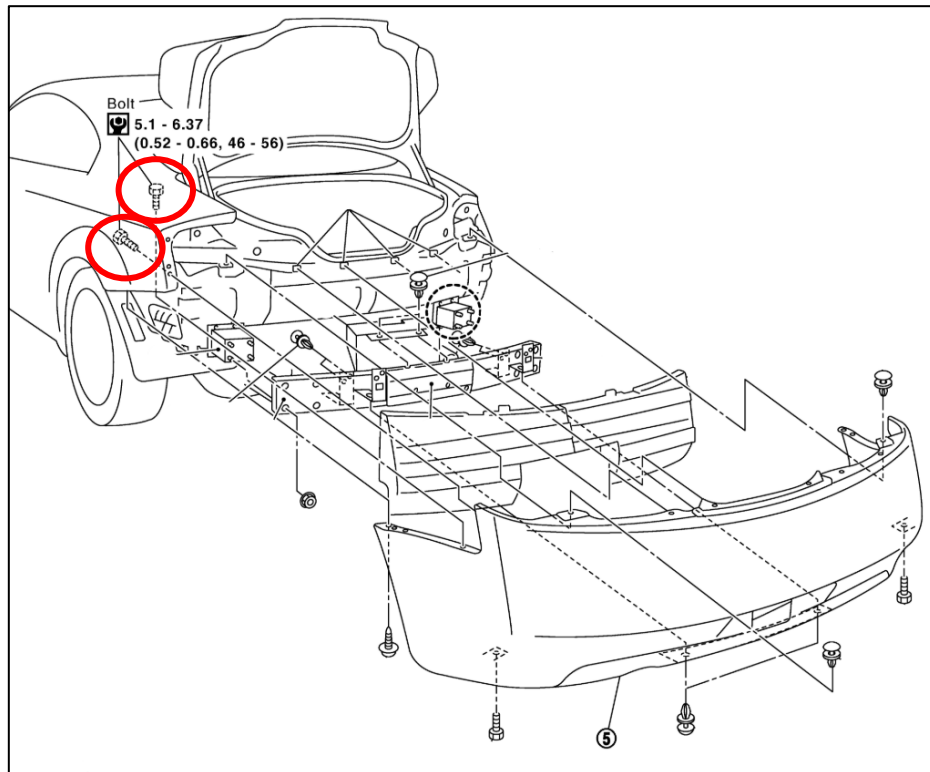


Figure 8

22. Remove the (2) two screws, one in each fender well, that secure the Rear Bumper to the Rear Quarter Panel. *Figure 9.*

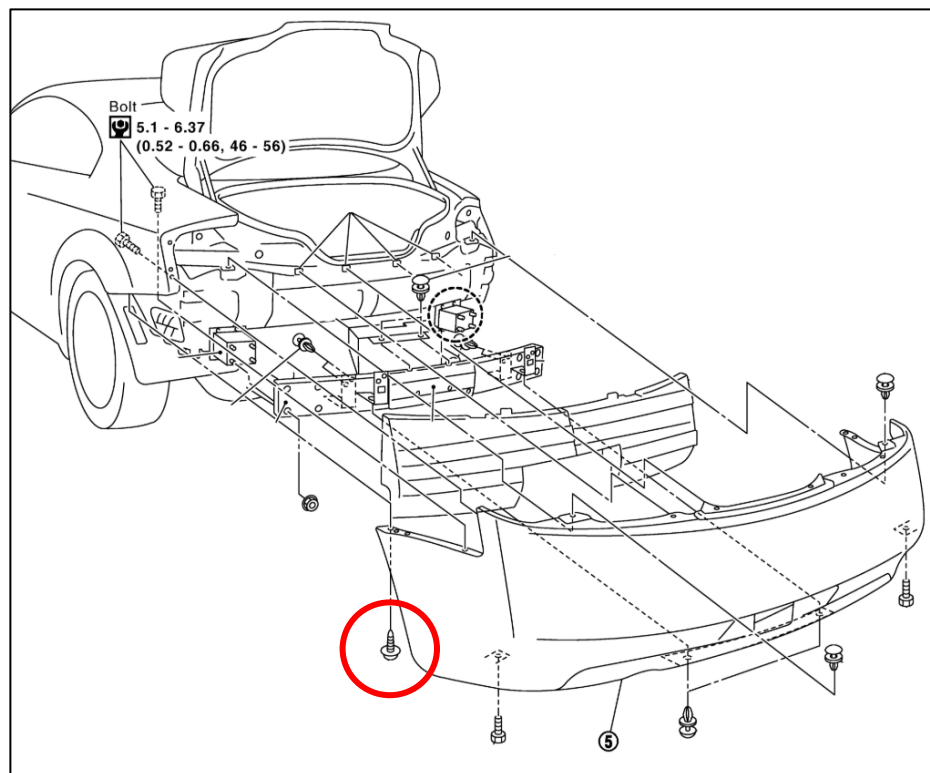


Figure 9

23. Remove the (2) two bolts, one on each side below the bumper. *Figure 10.*

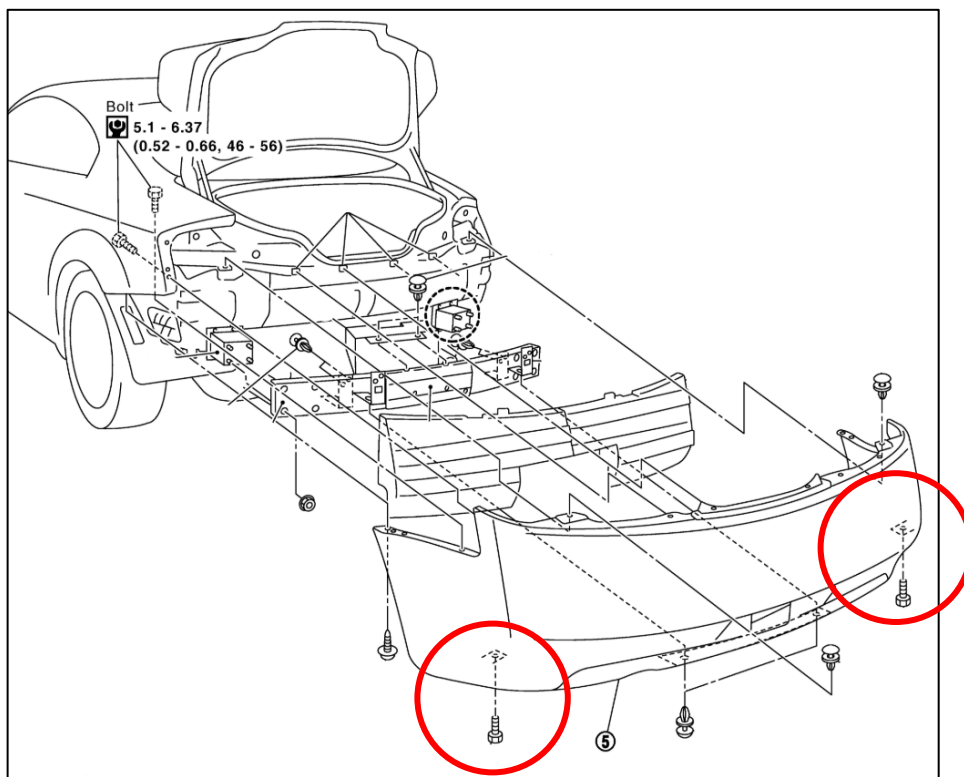


Figure 10

24. Remove the (2) plastic clips on the top of the Rear Bumper, previously covered by the taillights. *Figure 11.*

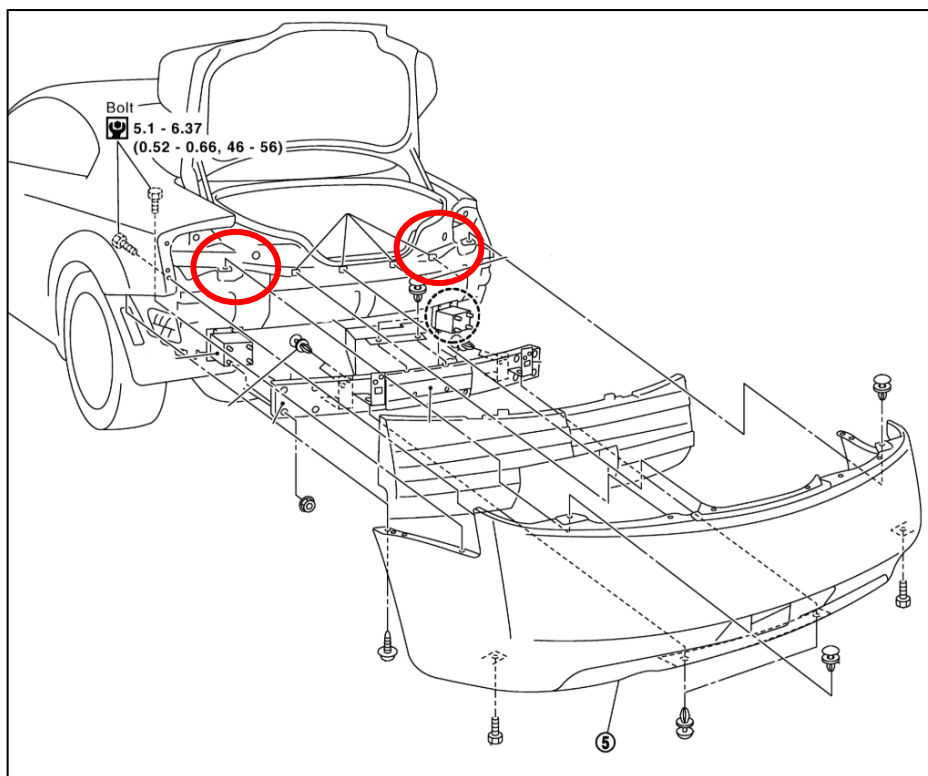


Figure 11

25. Lightly pull the sides of the bumper away from the vehicle until they are loose, then pull the entire rear bumper off of the vehicle.
26. Disconnect the wiring harness for the license plate lights.
27. Set aside the rear bumper of the vehicle.
28. Remove the Foam Crash Support from the vehicle. *Figure 12.*

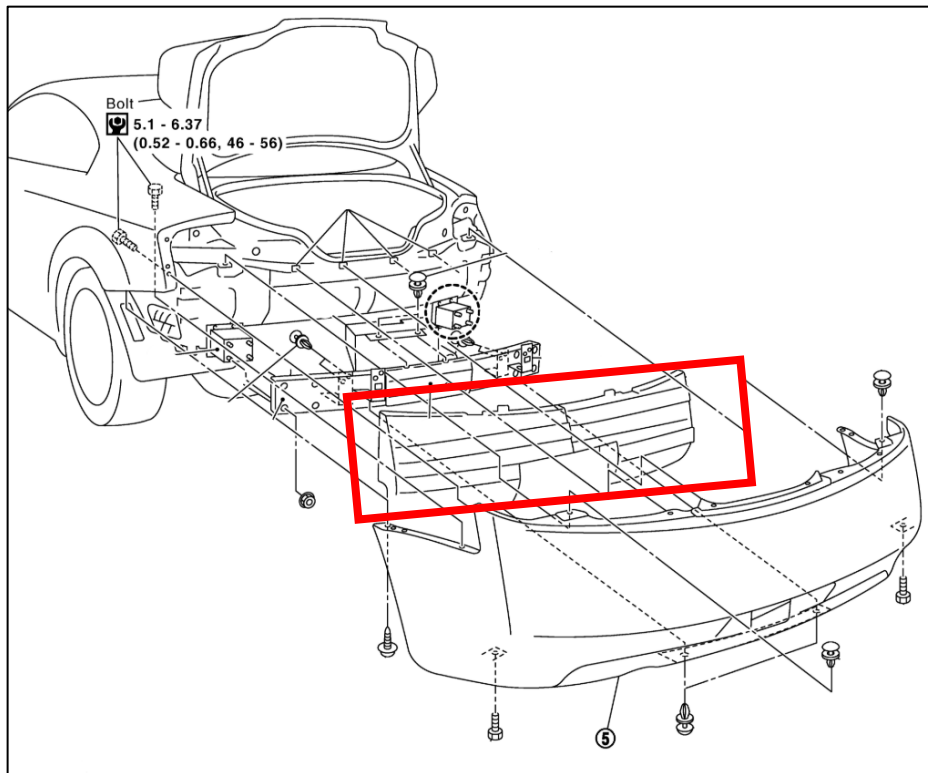


Figure 12

29. Remove the (8) eight nuts securing the OE Crash Bar to the vehicle. Some models may include (2) two extra nuts located on the locating pin at the top, if equipped, remove these nuts. Retain all hardware as it will be reused.
30. Remove the OE Crash Bar from the vehicle.

31. Locate the Z1 Rear Bash Bar. Position it onto the rear mounting points for the OE Crash Bar.
32. Using the OE Hardware removed from the OE Crash Bar, secure the Bash Bar to the vehicle. Torque the nuts to **17 ft-lbs**. *Figure 13.*

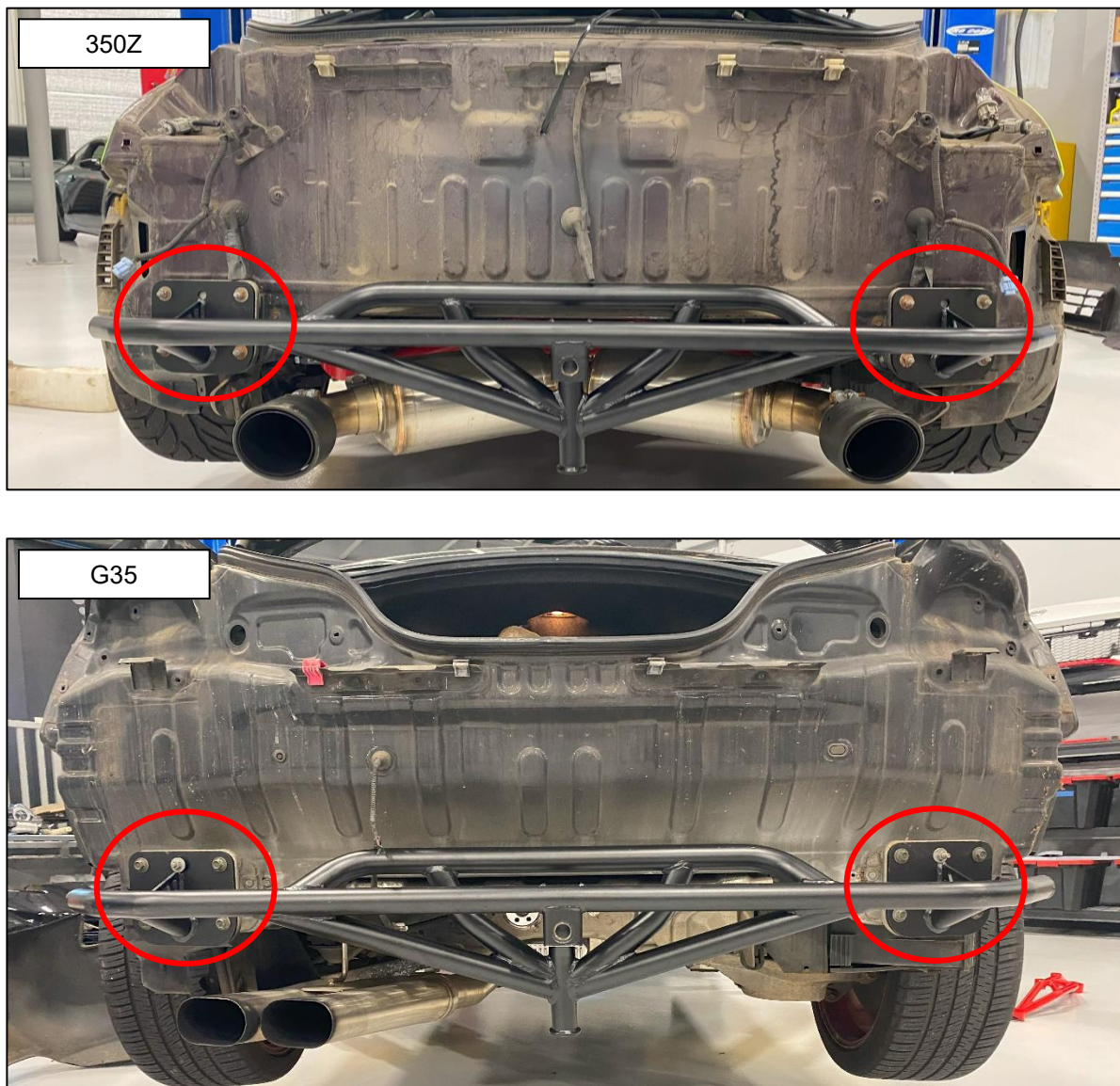


Figure 13

33. **350Z Owners:** Follow *Steps 3-14* in reverse order to reinstall the Rear Bumper and taillights.
- G35 Owners:** Follow *Steps 16-30* in reverse order to reinstall the Rear Bumper and taillights.

END

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