

Z1 R35 TURBOSMART BOV ADAPTOR KIT INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2009+

Nissan GTR (R35)

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 R35 TurboSmart BOV Adaptor Kit, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

Item	Quantity	Description
1	2	Adaptor Flange
2	2	Recirculation Plug
3	2	1/8" Wide O-Ring
4	1	Vacuum Hose

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 R35 Turbosmart BOV Adaptor Kit 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. Open and support the hood of the vehicle.
3. Starting on the passenger side of the vehicle, disconnect the Recirculation Hoses from the Recirculation Valve, highlighted below. *Figure 1.*

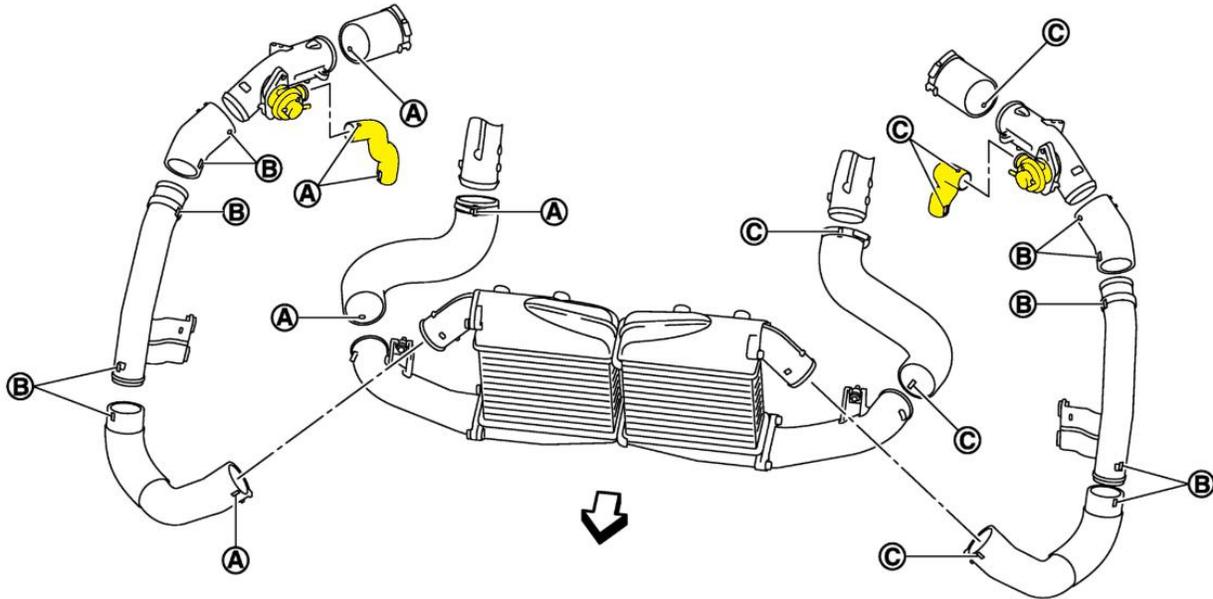


Figure 1

4. Unclip the (1) one Turbo Boost Sensor on each intake, circled below. *Figure 2.*

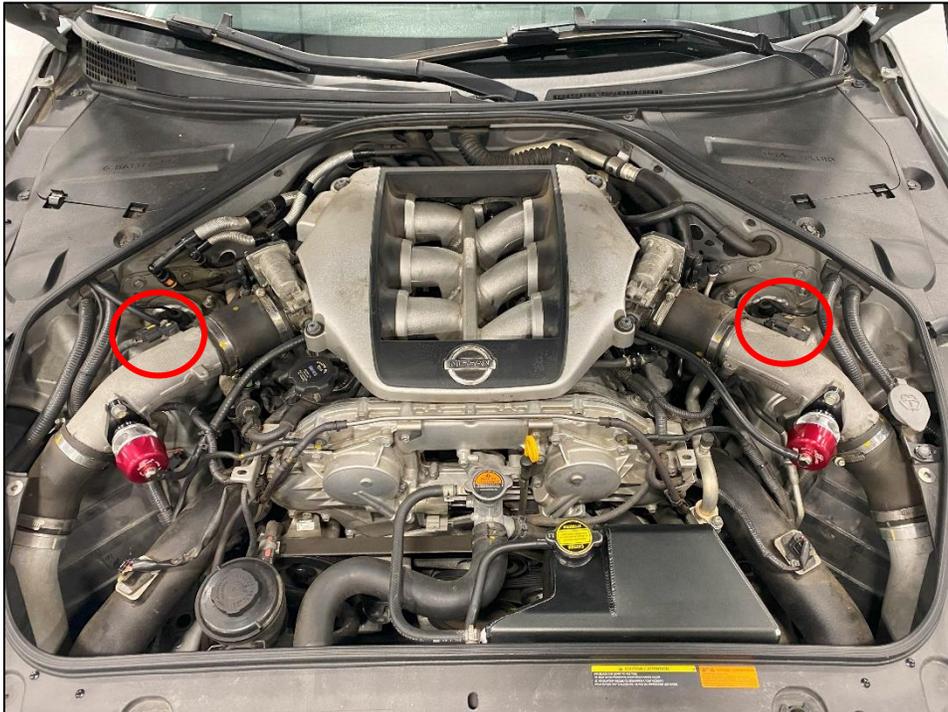


Figure 2

5. Disconnect the (2) two vacuum hoses connected to the Recirculation Valve. *Figure 3.*

NOTE: The GTR in the photo below already has Blowoff Valve Adaptors installed, the process is still the same.



Figure 3

6. Loosen the (2) two clamps on each side securing the Intake Pipe to the Intake Couplers, circled below. *Figure 4.*

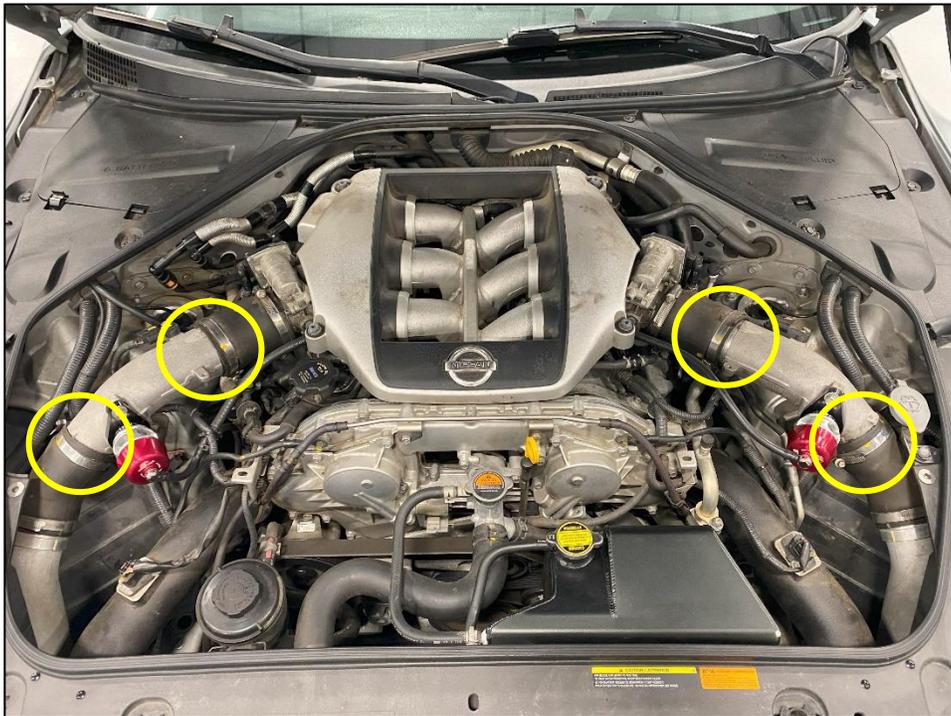


Figure 4

7. Remove the Intake Pipe.

NOTE: It may be necessary to loosen the Hose Clamp at the Throttle Body to maneuver the Intake Pipe out of the engine bay.

8. Remove the (2) two bolts securing the OE Recirculation Valve to the Intake Pipe.



Figure 5

9. Remove the Recirculation Valve and Gasket.

10. Clean the mating surface on the Intake Pipe for the new Z1 Blowoff Valve Adaptor.

11. Install (1) one 1/8" Wide O-Ring onto bottom of the Z1 Adaptor Flange. Figure 6.

NOTE: Make sure the 1mm Wide O-Ring on the top of the Z1 Adaptor Flange is properly installed and seated correctly. It should already be installed.

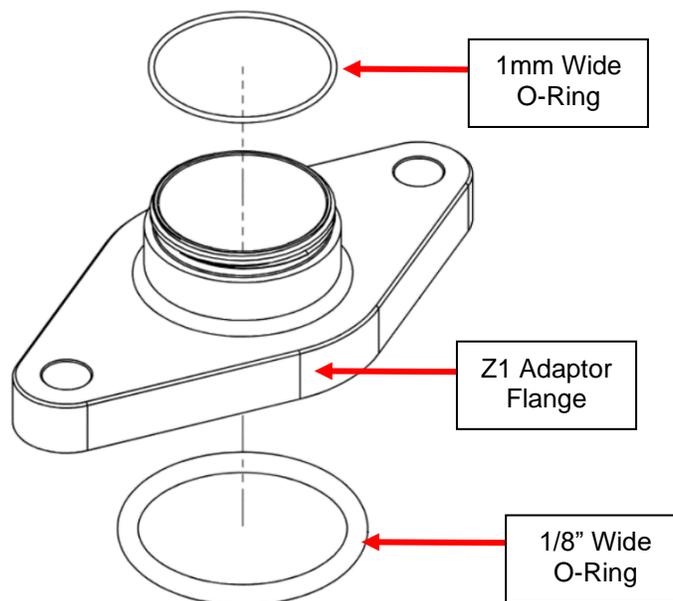


Figure 6

12. Install the new Z1 Blowoff Valve Adaptor Flange onto the Intake Pipe, secure with the OEM bolts removed in *Step 8*. Torque to **13 ft-lbs**. *Figure 7*.



Figure 7

13. Install your Blowoff Valve onto the Z1 Adaptor Flange. Follow instructions with your selected Blowoff Valve for proper installation and adjustment.
14. Follow *Steps 4-7* in reverse order to reinstall the Intake Pipe.
15. Locate the Recirculation Plug, insert it into the open end of the Recirculation Hose removed in *Step 3*. Secure the Hose Plug with the OE Hose clamp. *Figure 8*.

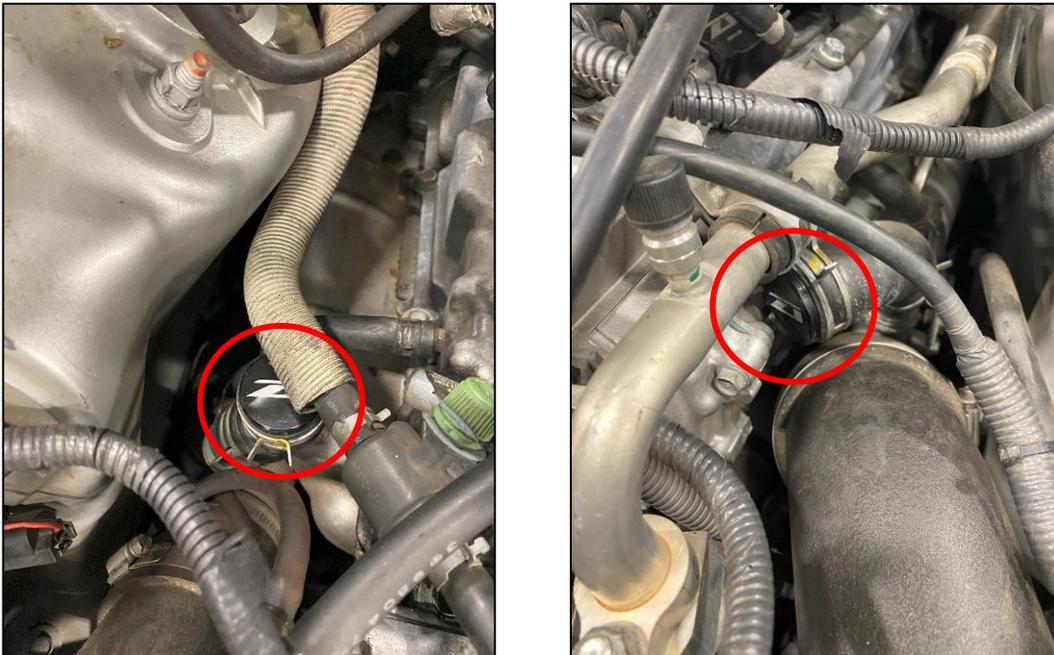


Figure 8

16. Cut and use the Supplied hose to replace the Factory Vacuum Line to the Blowoff Valves if desired.

17. Repeat Steps 3-16 for the Driver Side of the car. *Figure 9.*

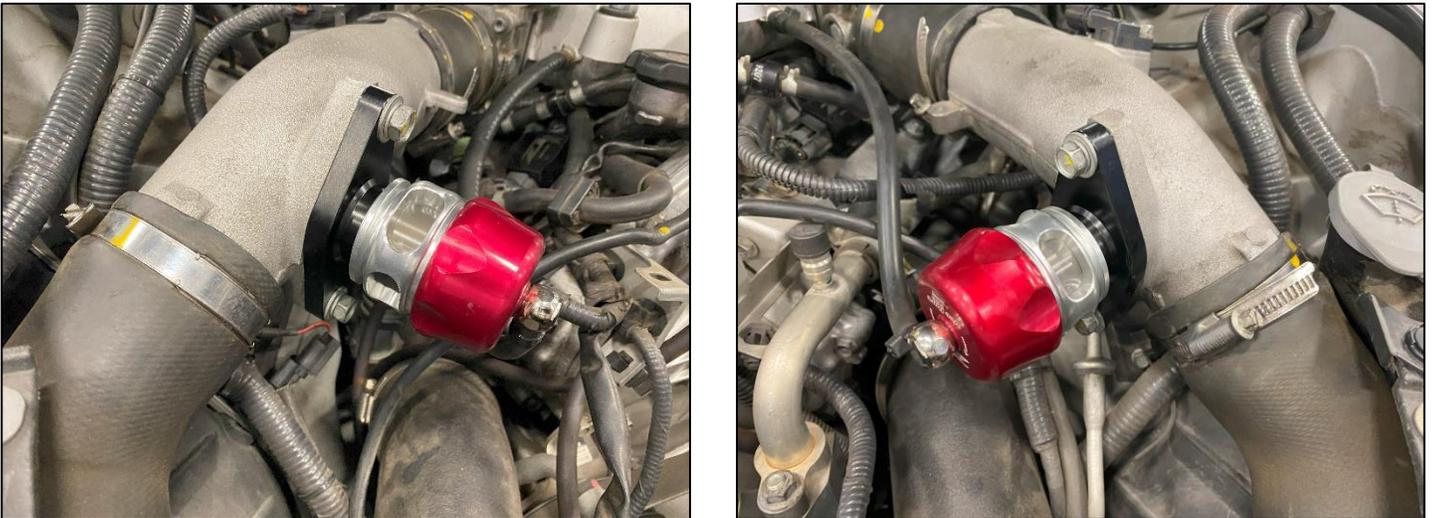


Figure 9



Installed Z1 GTR Blowoff Valve Adaptors

END

Additional Technical Support:

Contact Z1 Motorsports at info@z1motorsports.com

Or call 770-838-7777 between 9am and 6pm ET