

Z1 300ZX DISCO BOX INSTALLATION MANUAL



This Installation Manual is intended for the following models:

1990-1996

Nissan 300ZX (Z32)

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 300ZX DISCO Box, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	1	DISCO Box
2	3	Screw
3	3	Washer
4	1	Mounting Bracket
5	1	Wiring Harness
6	2	M6 Flange Bolt

TOOLS REQUIRED:

- Ratchet
- Ratchet Extension(s)
- 10mm Socket/Wrench
- Philips Head Screwdriver
- Small Flat Head Screwdriver

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 300ZX DISCO Box and verify that ALL necessary hardware is present.

PROCEDURE:

1. Place transmission in park (or reverse if equipped with a manual transmission). Apply the handbrake.
2. Open and support the hood of the vehicle.
3. Disconnect the **NEGATIVE (-)** terminal of the battery.
4. Remove the (2) two 10mm bolts securing the nose panel to the vehicle, shown below in *Figure 1*.



Figure 1

5. Locate the DISCO Box. Unscrew the (6) six philips head screws that are partially threaded in holding the DISCO box enclosure together. *Figure 2*.

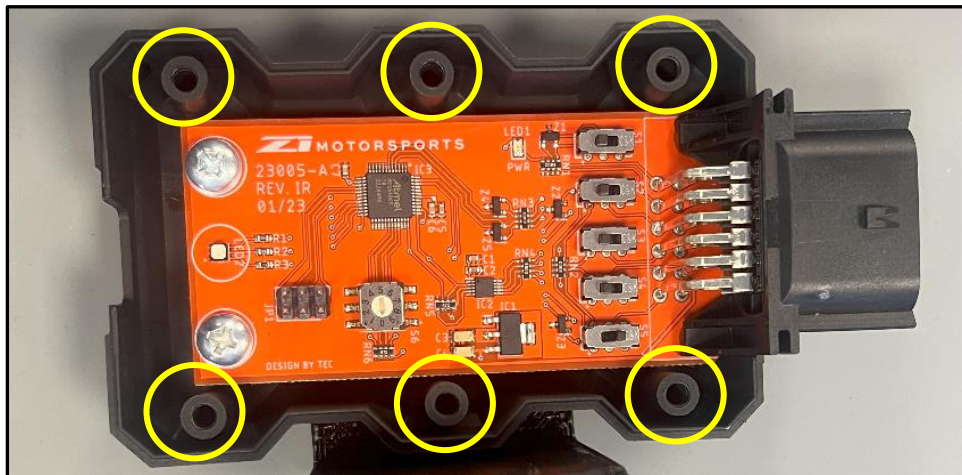


Figure 2

6. There is a Rotary Switch on the board inside of the DISCO Box. You will need to pick between setting **0** or setting **1**. Using a tiny flat head screwdriver, rotate the rotary switch to the appropriate setting explained below. *Figure 3*.
- a. **Setting 0: ADD Mode** - Use this mode if you have a single MAF tune (AKA, your car will run the same if you put the stock single MAF back on)
 - b. **Setting 1: AVG Mode** - Use this mode if you have a dual MAF tune (AKA, your car will not run on the stock single MAF setup)

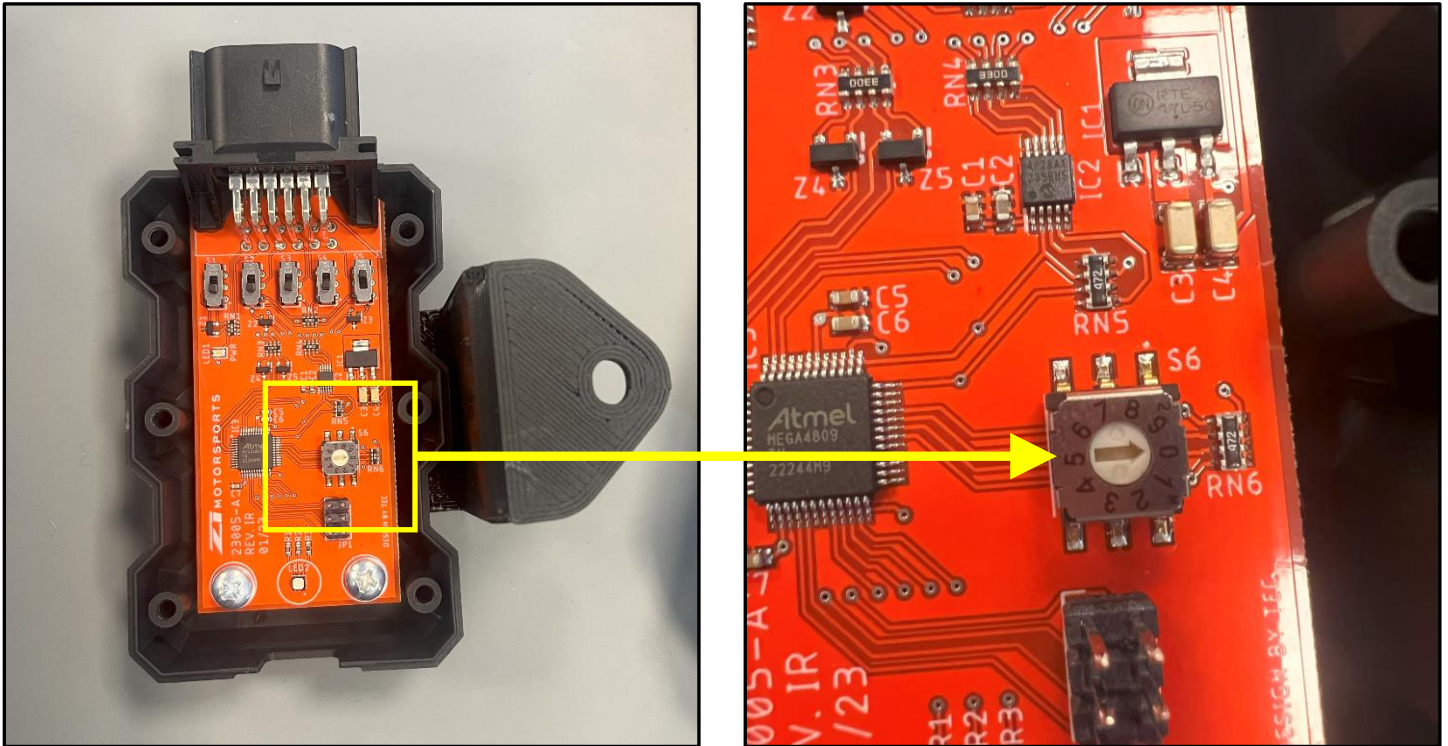


Figure 3

NOTE: DO NOT adjust or change any of the other switches on the DISCO Box board. Your vehicle will not run properly if you do. If you still decide to change the other switches, the default layout is shown below. *Figure 4.*

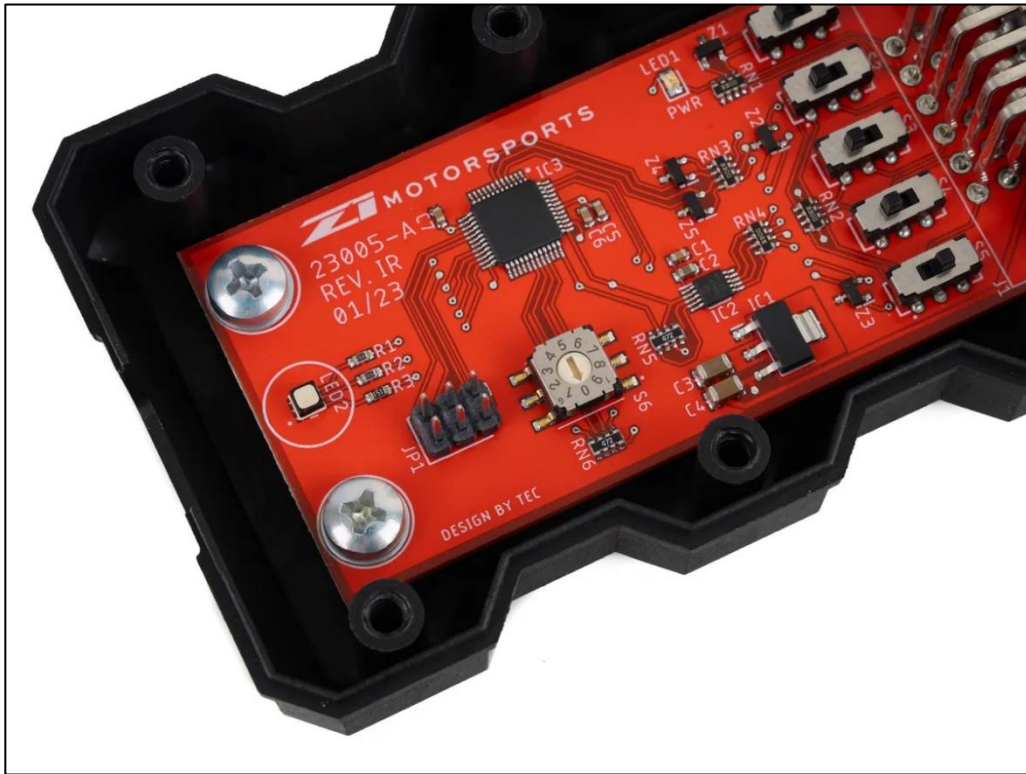


Figure 4

7. After the Rotary Switch is set, reattach the top of the enclosure and secure with the (6) six Philips head screws.

8. Locate the DISCO Box Bracket, (3) three screws, and (3) three washers. Secure the DISCO Box to the Bracket with the hardware as shown below. *Figure 5.*

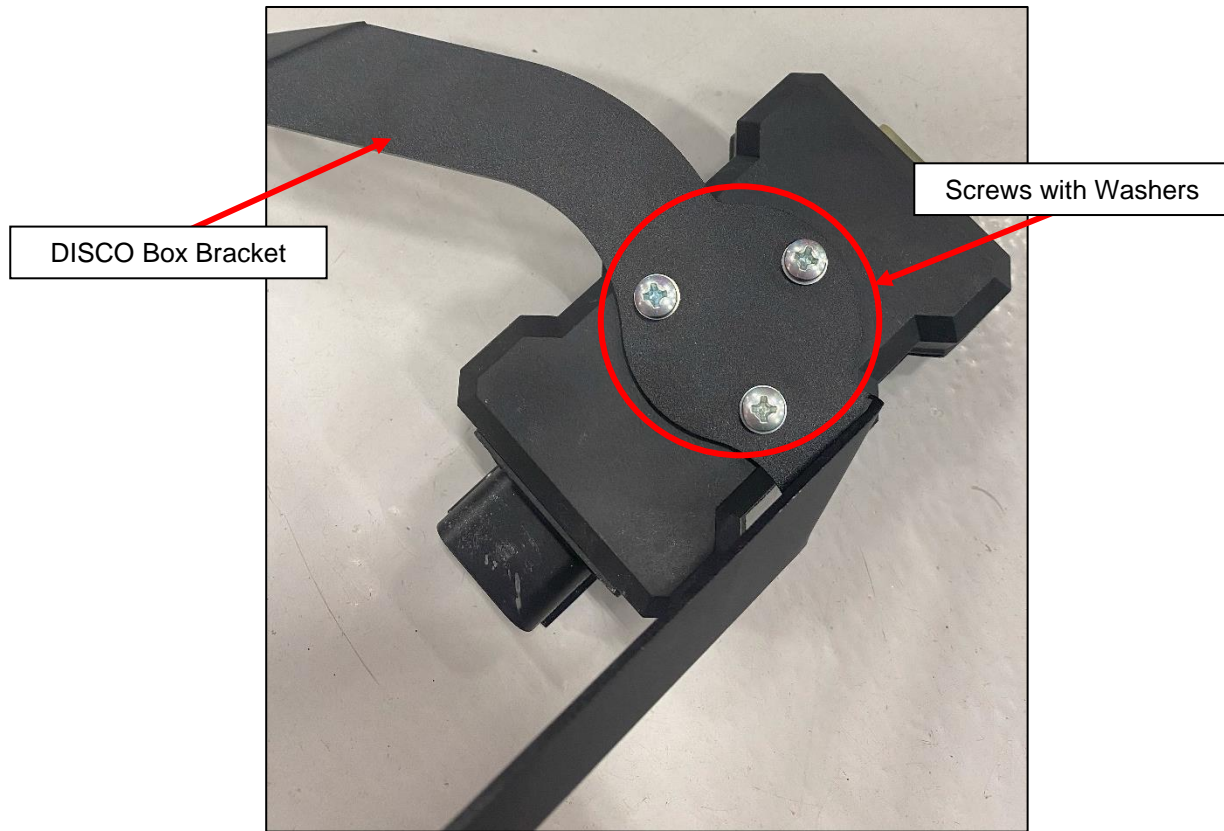


Figure 5

9. The Bracket will be mounted near the Master Cylinder on the Driver's Side, as shown below. Remove the bolt on the right, and loosen the bolt on the left. *Figure 6.*

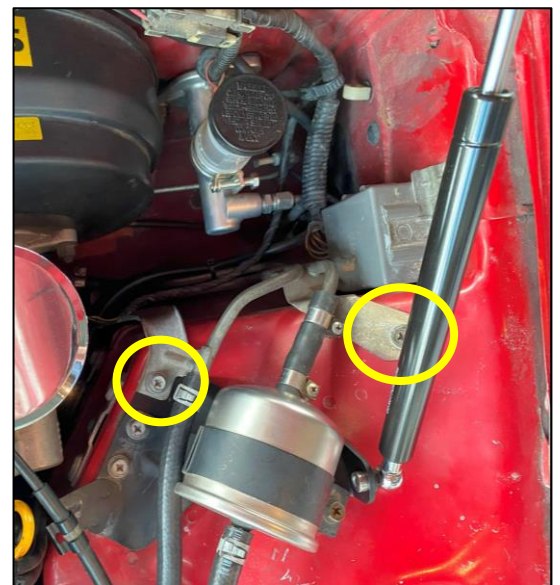
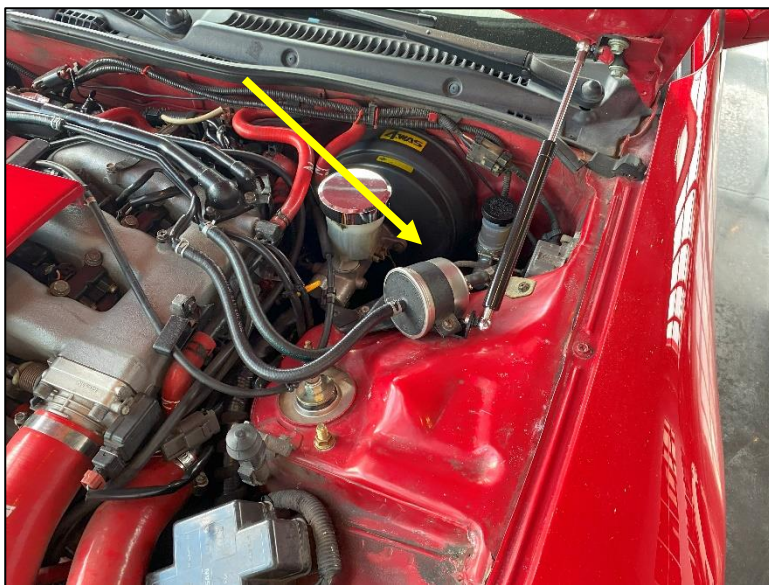


Figure 6

10. Position the DISCO Box Bracket Assembly over the bolts removed/loosened in Step 8. The open end of the bracket will go **UNDER** the left bolt and OE Bracket. The closed end of the Bracket will go **OVER** the OE Bracket. Secure with either the OE Hardware or the Supplied M6 Screws. *Figure 7.*

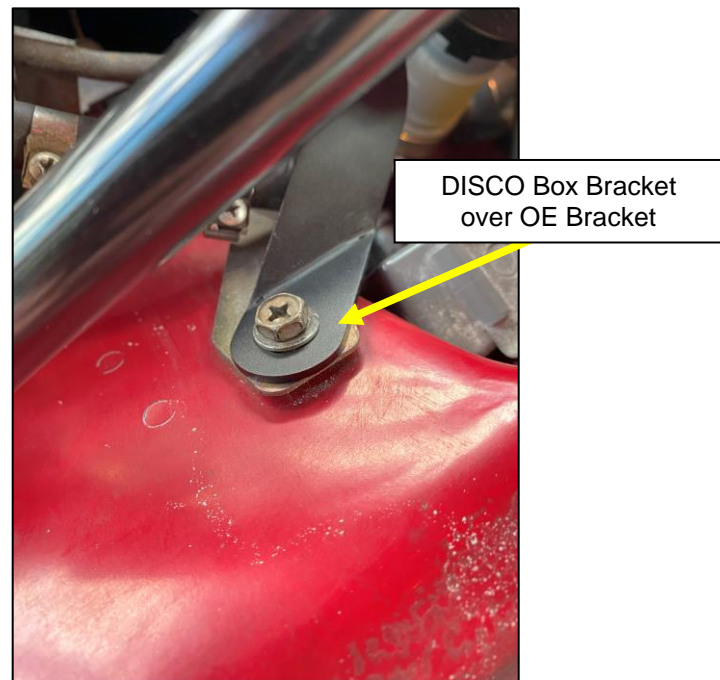
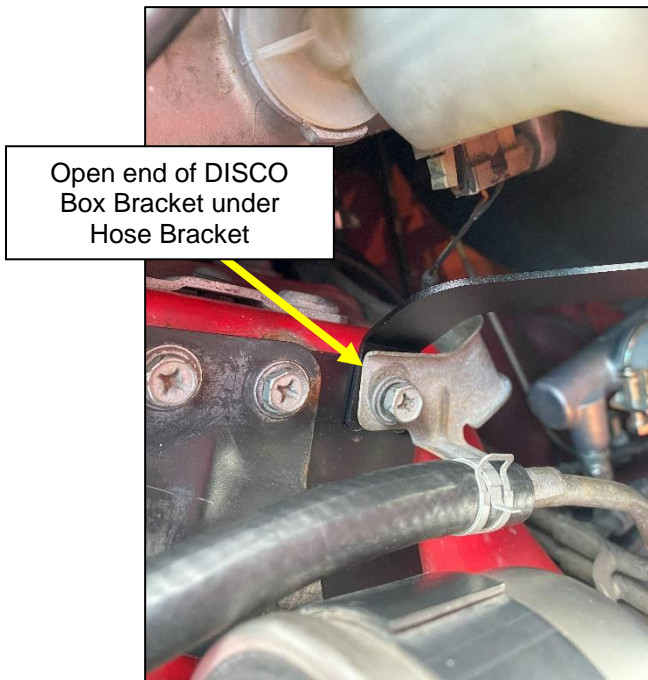


Figure 7

11. Disconnect your OE MAF Sensors from your Air Intakes.

12. Locate your DISCO Box Wiring Harness. Starting with the MAF Sensors, connect the Wiring Harness to the corresponding locations as shown below in *Figure 8*, and *Figure 9*.

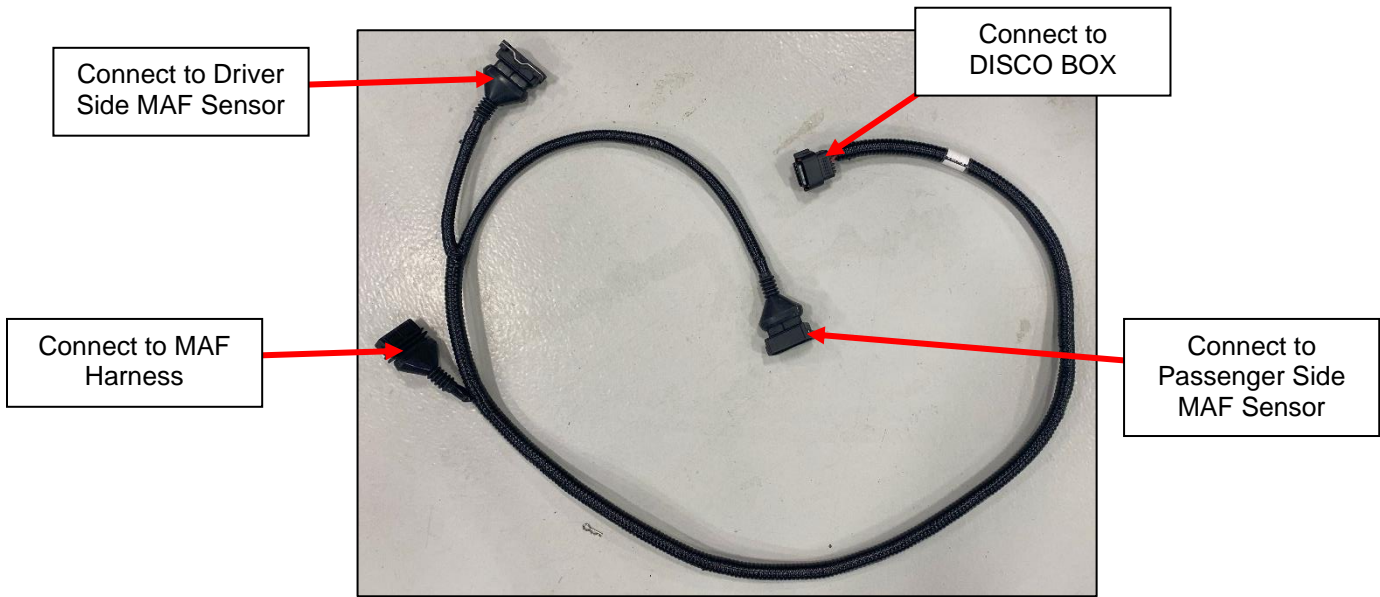


Figure 8

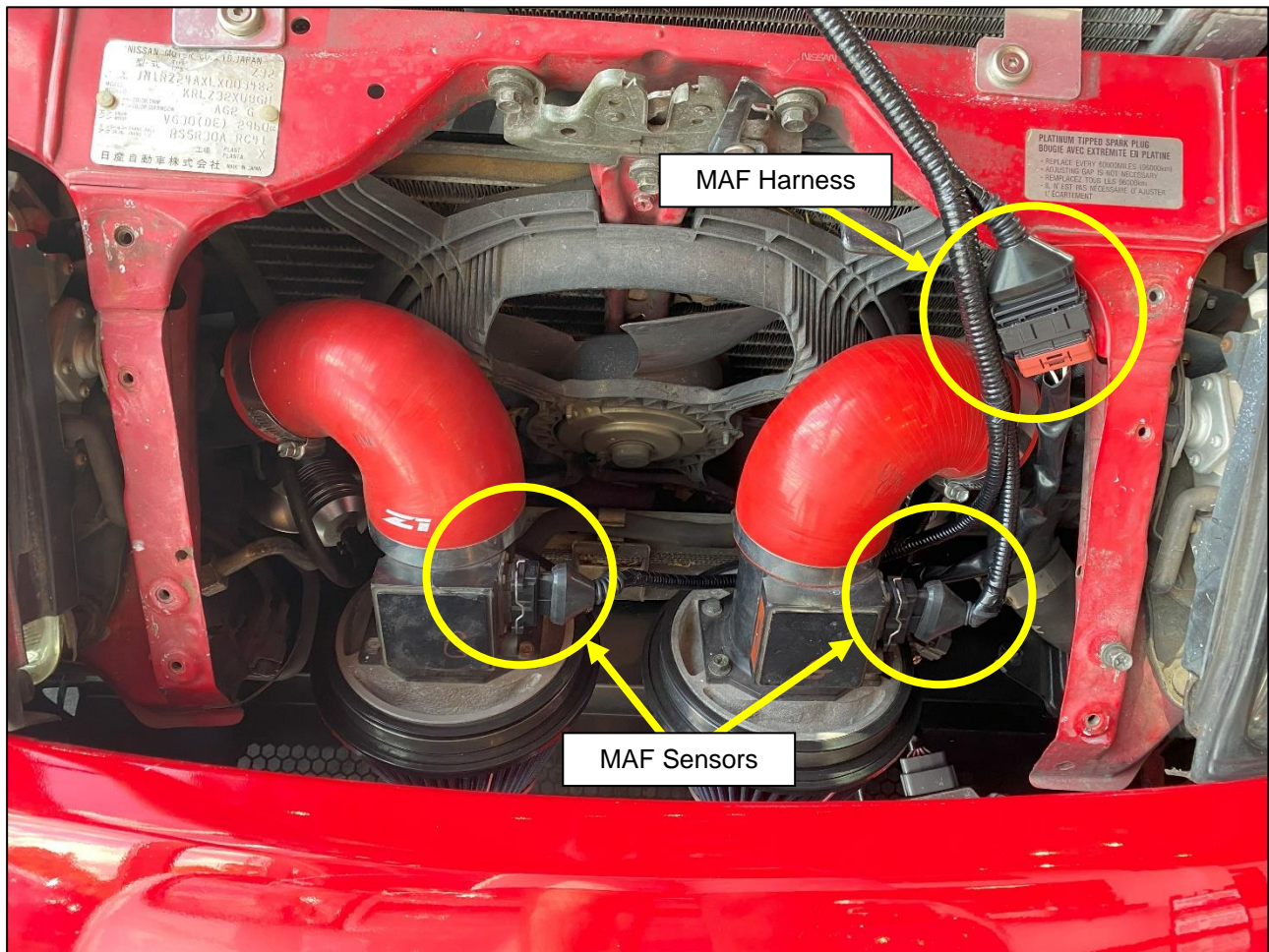


Figure 9

13. Run the Wiring Harness through the Core Support and up to the DISCO Box. The routing can be done multiple ways depending on your Modifications and how hidden you want the Wiring Harness to be. We ran the Wiring Harness under the Intake Tubing and other OE Harnesses and Tubing. *Figure 10.*

NOTE: The Radiator Supports may need to be loosened to pass the wiring harness through the Core Support.

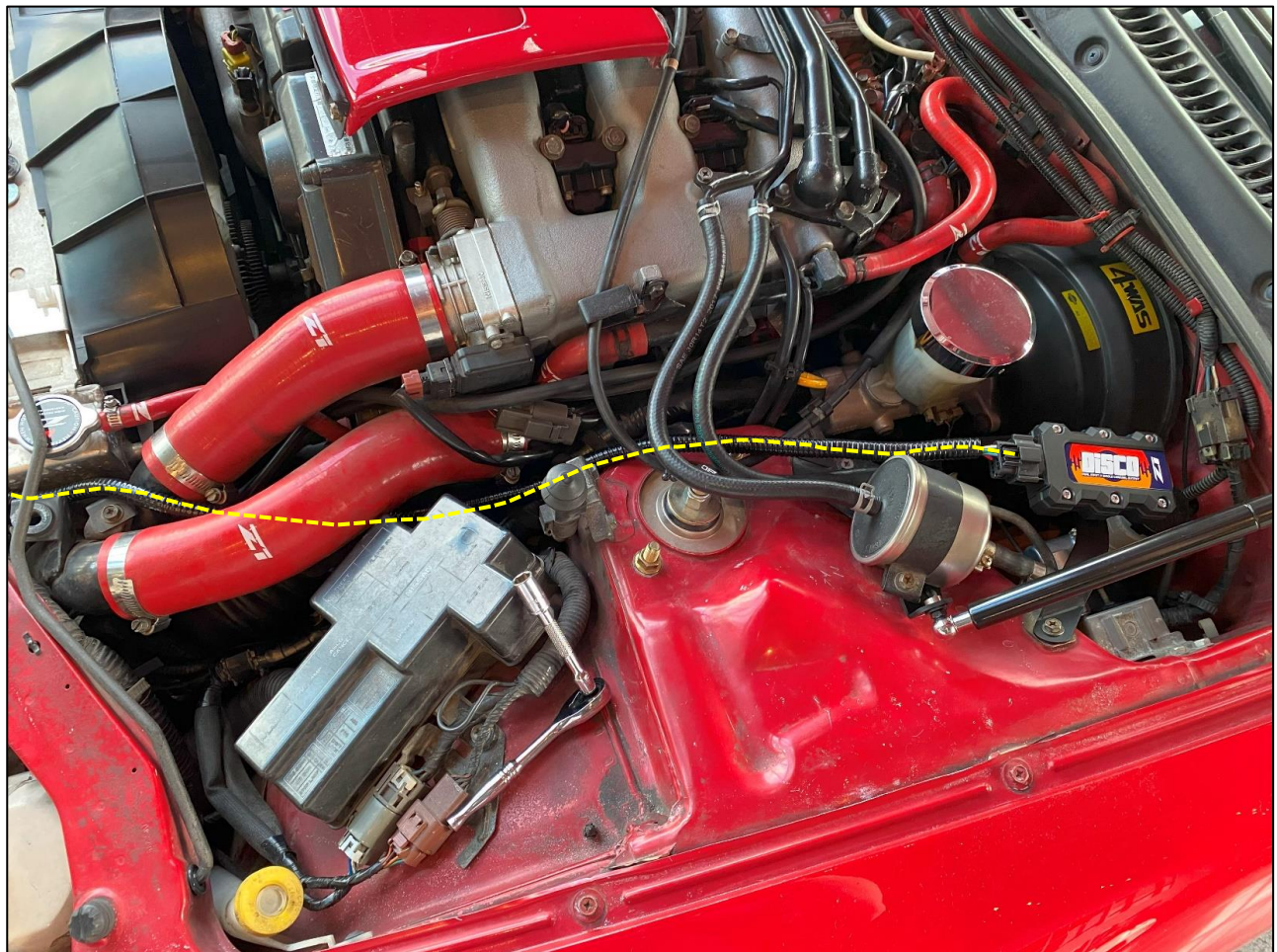
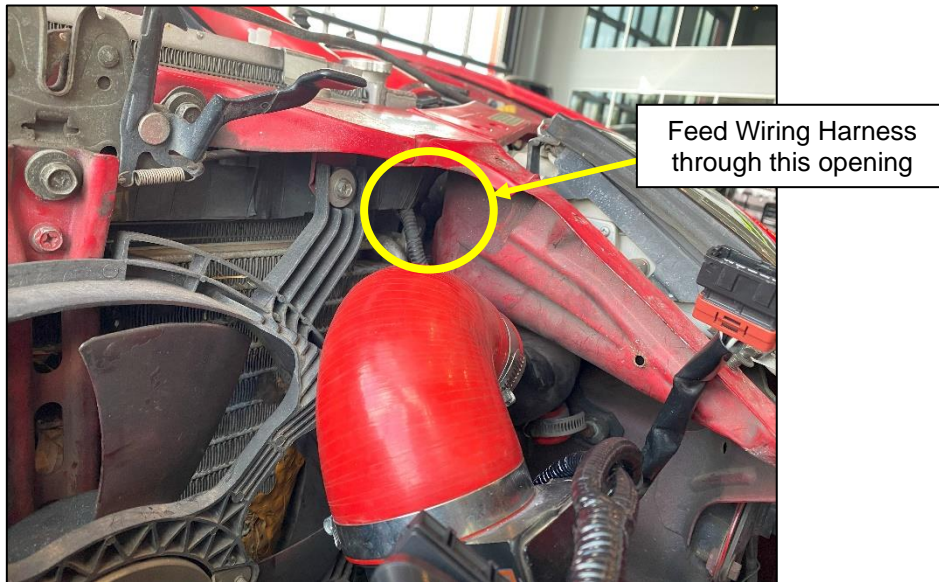


Figure 10

14. Connect the Wiring Harness to the DISCO Box.
15. Reinstall the Nose Panel removed in *Step 3*.
16. Reconnect the **NEGATIVE (-)** battery terminal.
17. Check vehicle for loose tools/items.
18. Start the vehicle and let it idle, make sure it is running correctly. If it is not running normally, view the potential DISCO Box Error Light Explanations below.
19. Close hood of vehicle.
20. Take vehicle for a test drive.

Error Light Explanations:

- White: Board Error - contact Z1 Motorsports
- Green: MAF 1 (closest to the box)
- Blue: MAF 2 (furthest from the box)
- Red: Both MAFs are bad
- No Light: Good to go!

END

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