

Z1 9AT TRANSMISSION COVER SHIELD INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2023+

Nissan Z

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 Z 9AT Transmission Cover, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	1	Main Panel
2	1	Service Panel
3	2	M6 x 1.0 Steel Flange Bolt, 10mm
4	5	Snap-In Rubber Grommet
5	3	M6 Washer

TOOLS REQUIRED:

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- Ratchet Extension(s)
- Assorted Metric Wrenches
- Assorted Metric Sockets
- Torque Wrench
- E10 Socket

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 Z 9AT Transmission Cover Shield and verify that ALL necessary hardware is present. The Z1 Transmission Cover Shield works with both 2023+ Nissan Z with the 9AT Transmission, and 2020+ Nissan Frontier.

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. Locate the Transmission Pan. Remove the (9) nine bolts securing the Transmission Pan and Bracket circled in *Figure 1* below, retain this hardware. The Transmission Pan bolts need an E10 Socket for removal, however an 8mm will work if absolutely necessary.

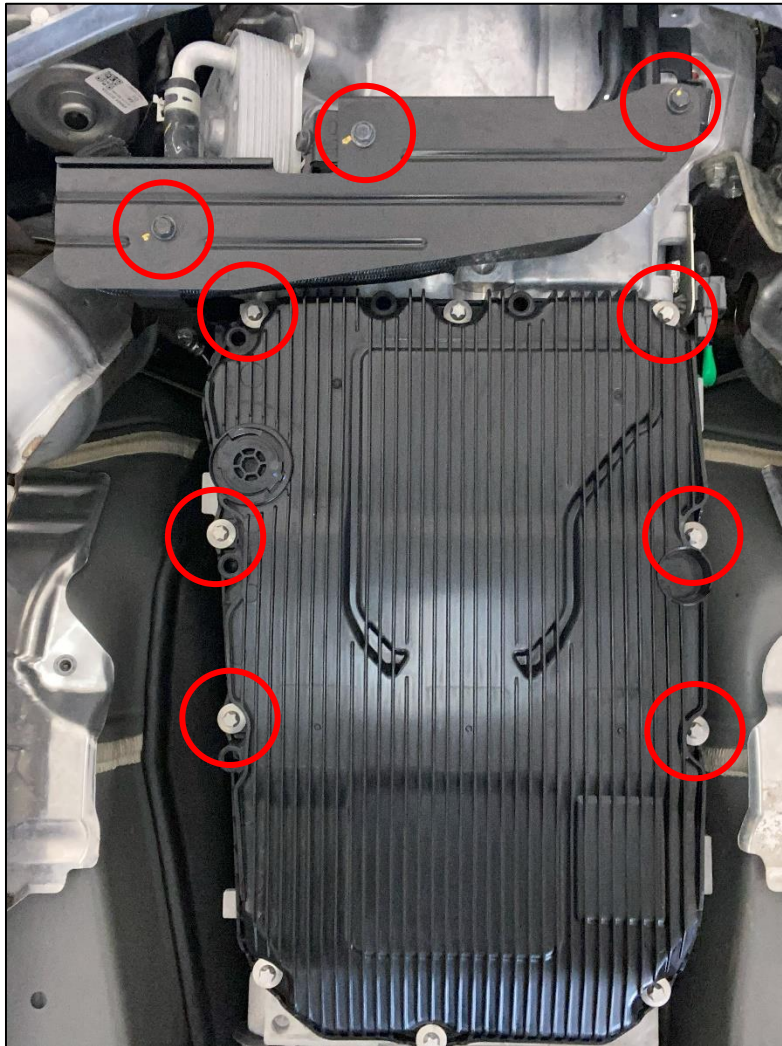


Figure 1

4. Locate the Z1 Transmission Cover Shield. Remove the (5) five rubber grommets and the (1) one M6 bolt securing the Service Panel to the Transmission Cover Shield.
5. Position the Z1 Transmission Cover Shield over the Transmission Pan. Using the (6) six Transmission Pan bolts removed in *Step 3*, loosely secure the Transmission Cover Shield to the Transmission Pan.

Torque to 35 in-lbs or 3 ft-lbs then turn an extra 90 Degrees. OVERTIGHTENING WILL CAUSE THE BOLT TO SNAP. *Figure 2.*



Figure 2

6. Locate the Transmission Service Panel and the (1) one M6 bolt removed in *Step 4*. Reinstall them onto the Z1 Transmission Cover Shield. *Figure 3*.

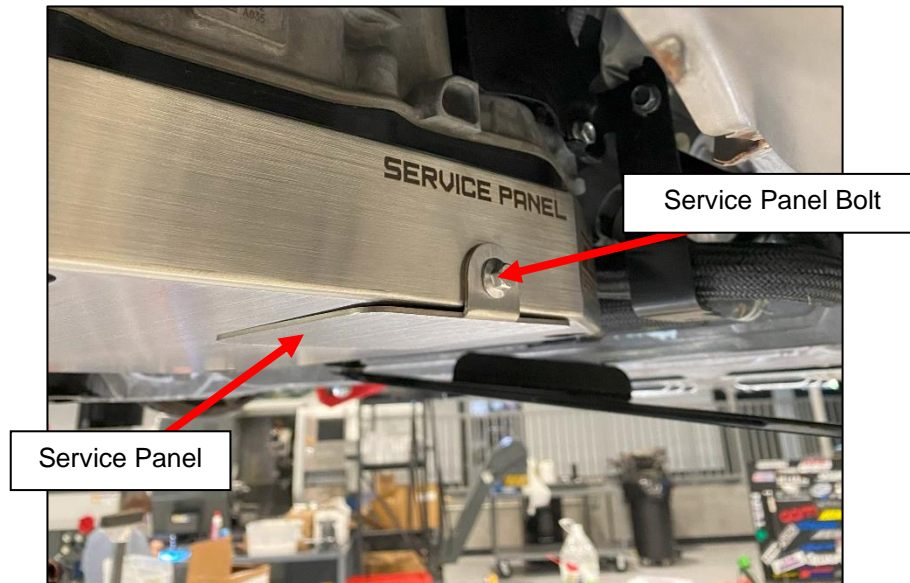


Figure 3

7. Reinstall the (5) five Rubber Grommets removed in *Step 4*.
8. Locate the (3) three M6 Washers and the remaining (3) three bolts that secured the Cover for the Coolant Lines. Position the Washers above the Cover and below the Bracket, and secure the bracket back onto the car with the (3) three bolts. *Figure 4*.

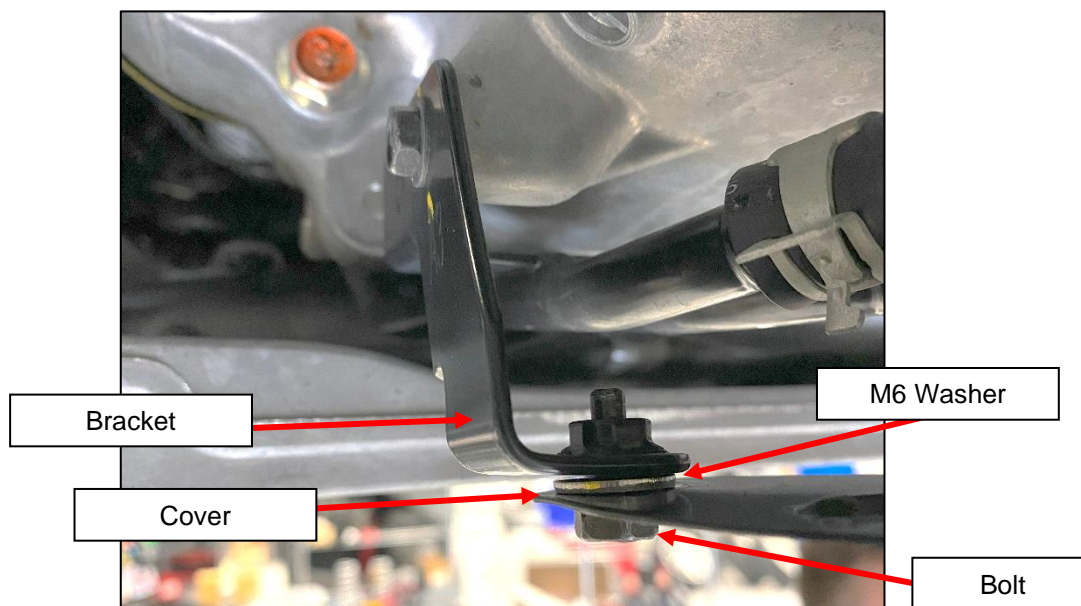


Figure 4

9. Safely lower vehicle from jack stands.
10. Take your car for a test drive.

END

Additional Technical Support:

Contact Z1 Motorsports at info@z1motorsports.com

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