

Z1 ROGUE T33 ALUMINUM OIL PAN INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2022+

Nissan Rogue (KR15 Engine)

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 Off-Road Rogue T33 Aluminum Oil Pan, consult with a Professional Mechanic, or contact Z1 Off-Road for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	1	Oil Pan
2	1	Oil Pan Gasket

TOOLS REQUIRED:

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- Ratchet Extension(s)
- Assorted Metric Sockets
- Assorted Metric Wrenches
- In-lbs Torque Wrench
- Oil Drain Pan

SAFETY REQUIREMENTS:

- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Always turn the ignition to the OFF position and disconnect the NEGATIVE battery terminal.
- Only operate drivetrain in safe space and well-ventilated areas.

BEFORE YOU BEGIN:

Remove contents from the Z1 Off-Road Rogue T33 Aluminum Oil Pan 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. Raise and support the vehicle with jack and jack stands.
3. Remove the Engine Splash Shield on the underside of the vehicle, it is held on with plastic clips.
4. Remove the Oil Drain Plug to drain and collect Engine Oil. *Figure 1.*

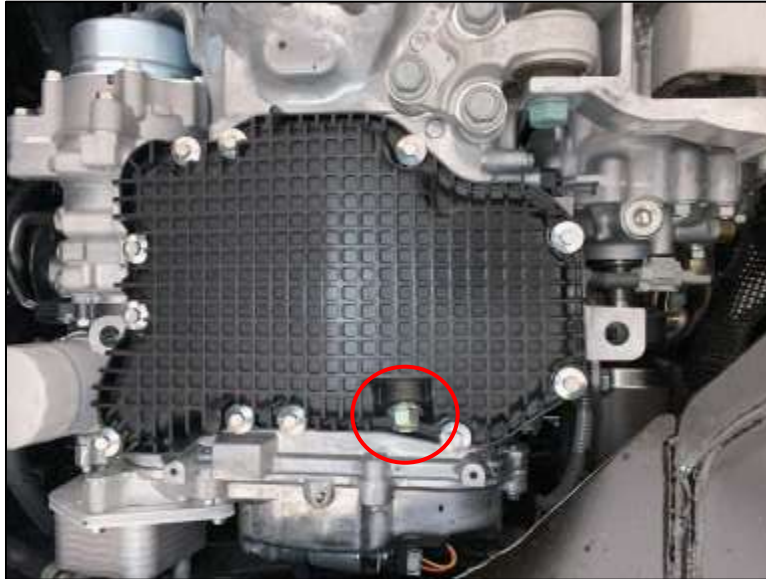


Figure 1

5. Once the Oil has finished draining, remove all (11) eleven OE Bolts to remove the Oil Pan. Be careful as the Oil Pan still contains oil and can spill. Retain this hardware as it will be reused. *Figure 2.*

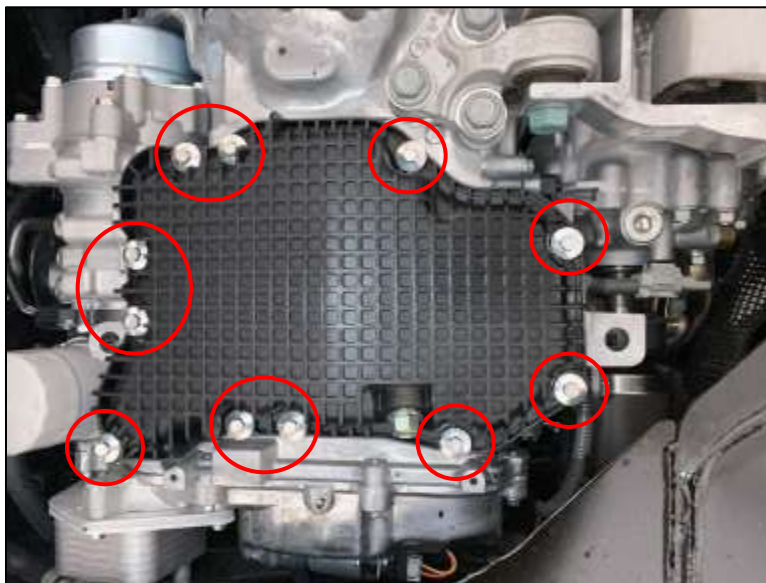


Figure 2

6. Locate the new Z1 Oil Pan and the Oil Pan Gasket. Line up the small tab of the Gasket with the Oil Pan groove and fully install the Oil Pan Gasket. *Figure 3.*



Figure 3

7. Clean the mating surface of the Oil Pan on the Engine. *Figure 4.*

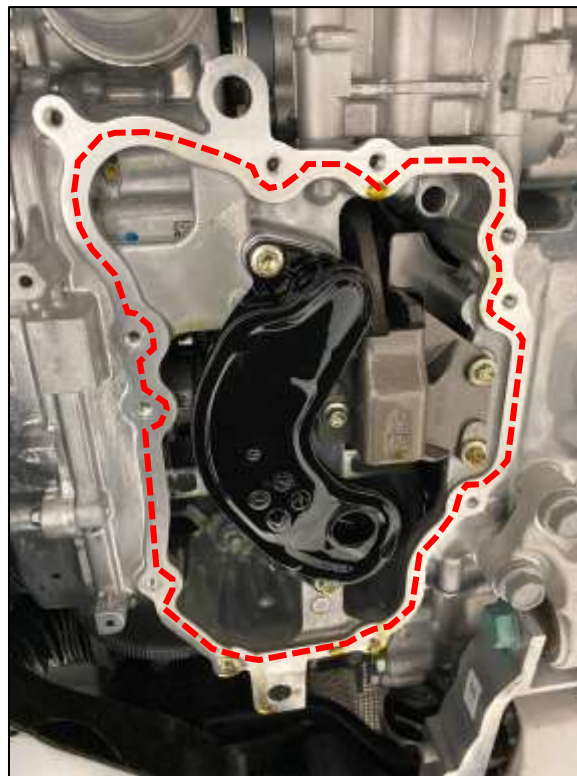


Figure 4

8. Position the Z1 Oil Pan onto the engine and loosely secure with the OE Hardware. *Figure 5.*



Figure 5

9. Torque the Oil Pan bolts in the order as shown below in two steps, *Figure 6:*

- First Step: **26 in-lbs**
- Second Step: **74 in-lbs**

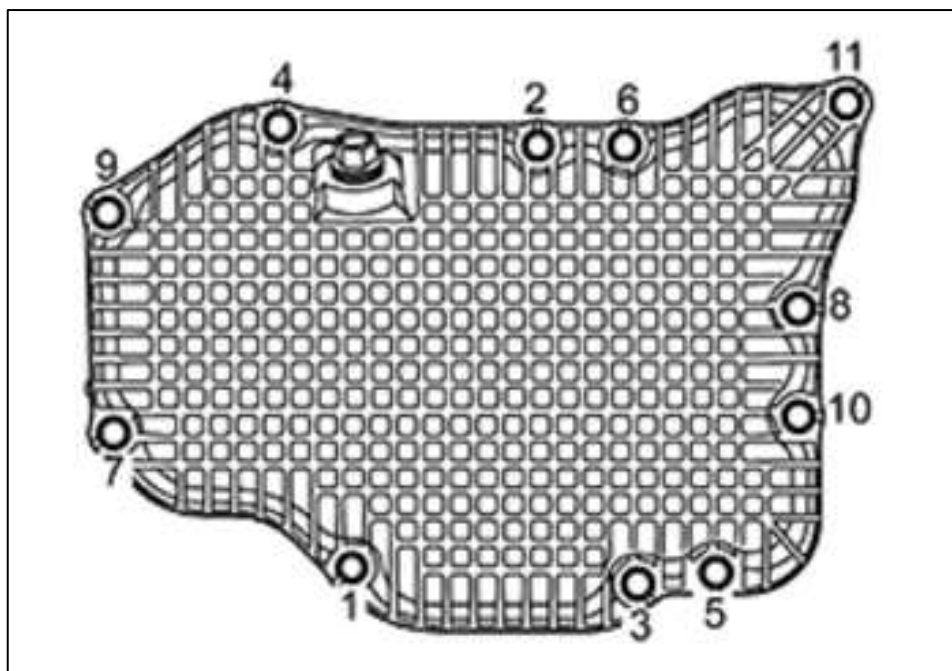


Figure 6

10. Reinstall your OE Drain Plug or a [Z1 Magnetic Drain Plug](#).
11. Refill your Engine with Oil. Refer to your Owner's Manual for quantity and Oil Type.
12. Check for any Oil Leaks.
13. Safely remove vehicle from Jack and Jack Stands.

END

Additional Technical Support:
Contact Z1 Off-Road at info@z1offroad.com
Or call 678-839-8019 between 9am and 6pm ET