

Z1 TITAN EXHAUST INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2005-2015	Nissan Titan (A60)
2016+	Nissan Titan (A61)

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 Titan Exhaust, consult with a Professional Mechanic, or contact Z1 Off-Road for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	1	Front Section
2	1	Crossover Section
3	1	Muffler
4	1	Rear Section
5	2	Exhaust Gasket
6	5	Exhaust Clamp
7	4	M10 Bolt
8	4	M10 Nut
Optional		
9	2	Exhaust Tip
10	2	Exhaust Tip Clamp

TOOLS REQUIRED:

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

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 Titan Exhaust 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 using a jack and jack stands. Refer to your vehicle's Owner's Manual for proper jacking points.
3. Remove the old exhaust system from behind the Catalytic Converters. Allow time for the Exhaust to cool if it was recently driven. Using a Rust Penetrant on all hardware can allow for easier removal as well. *Figure 1.*

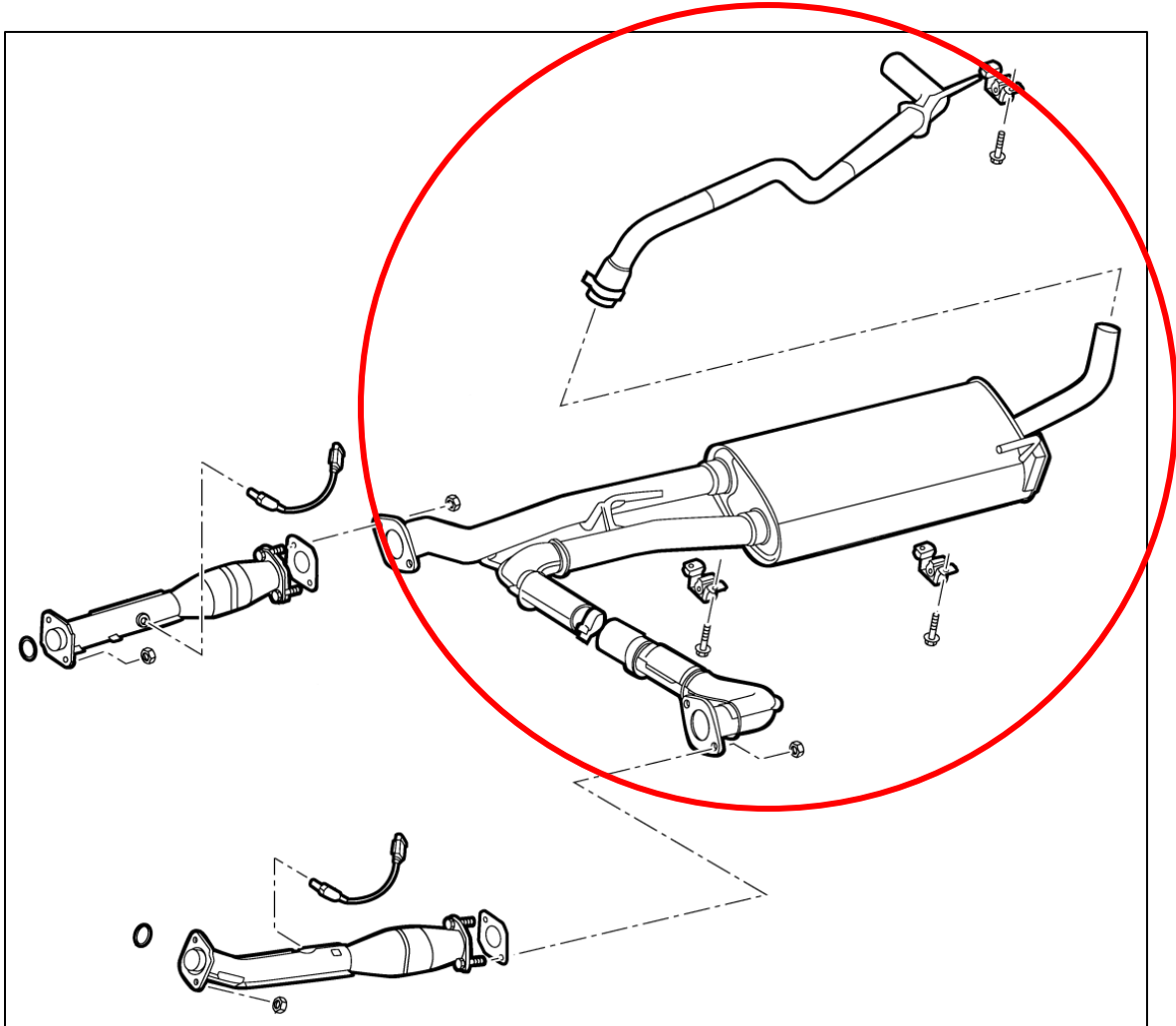


Figure 1

4. Locate the Front Section, Crossover Section, (1) one Exhaust Clamp, (2) two Exhaust Gaskets, and all M10 Hardware. Install the Front Section into the OE Exhaust Hangers. Loosely join the end of the Front section to the Passenger Side Catalytic Converter with an Exhaust Gasket in between and secure with the M10 Hardware.

Join the Cross Over Section to the Driver Side Catalytic Converter with an Exhaust Gasket in between and loosely secure with the M10 Hardware. Secure the Crossover Section to the Front Section with an Exhaust Clamp. *Figure 2.*

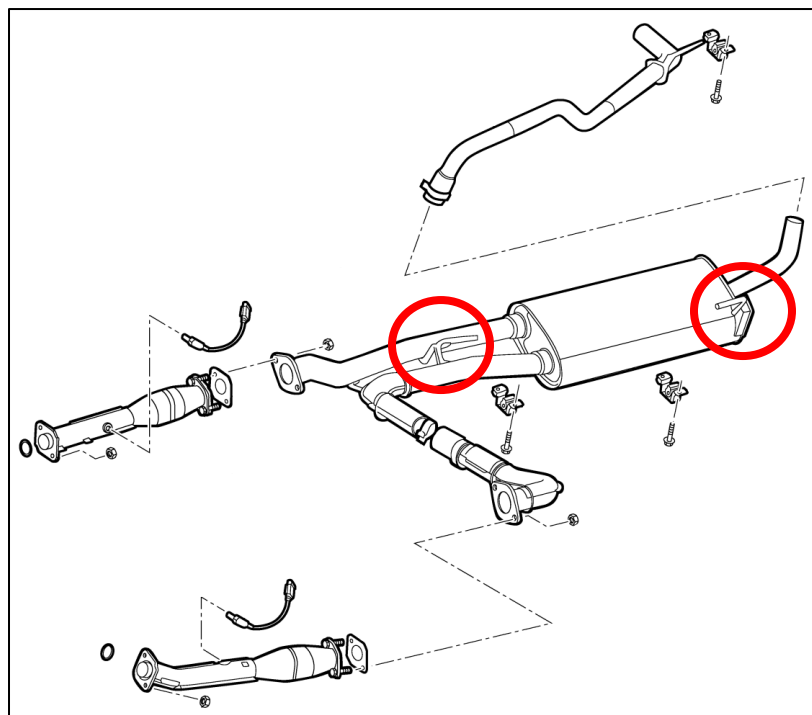
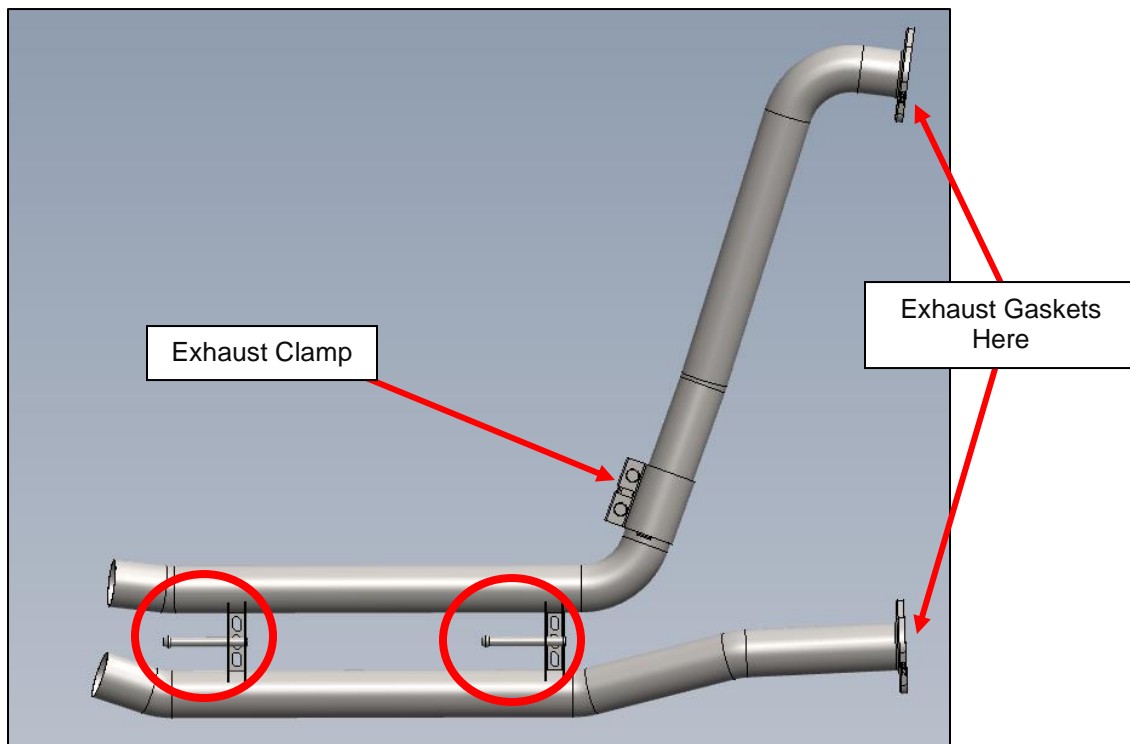


Figure 2

5. Locate the Muffler and (2) two Exhaust Clamps. Install the Muffler into the OE Exhaust Hanger. Join the (2) two ends of the Muffler to the Front Section and loosely secure with the Exhaust Clamps. *Figure 3.*

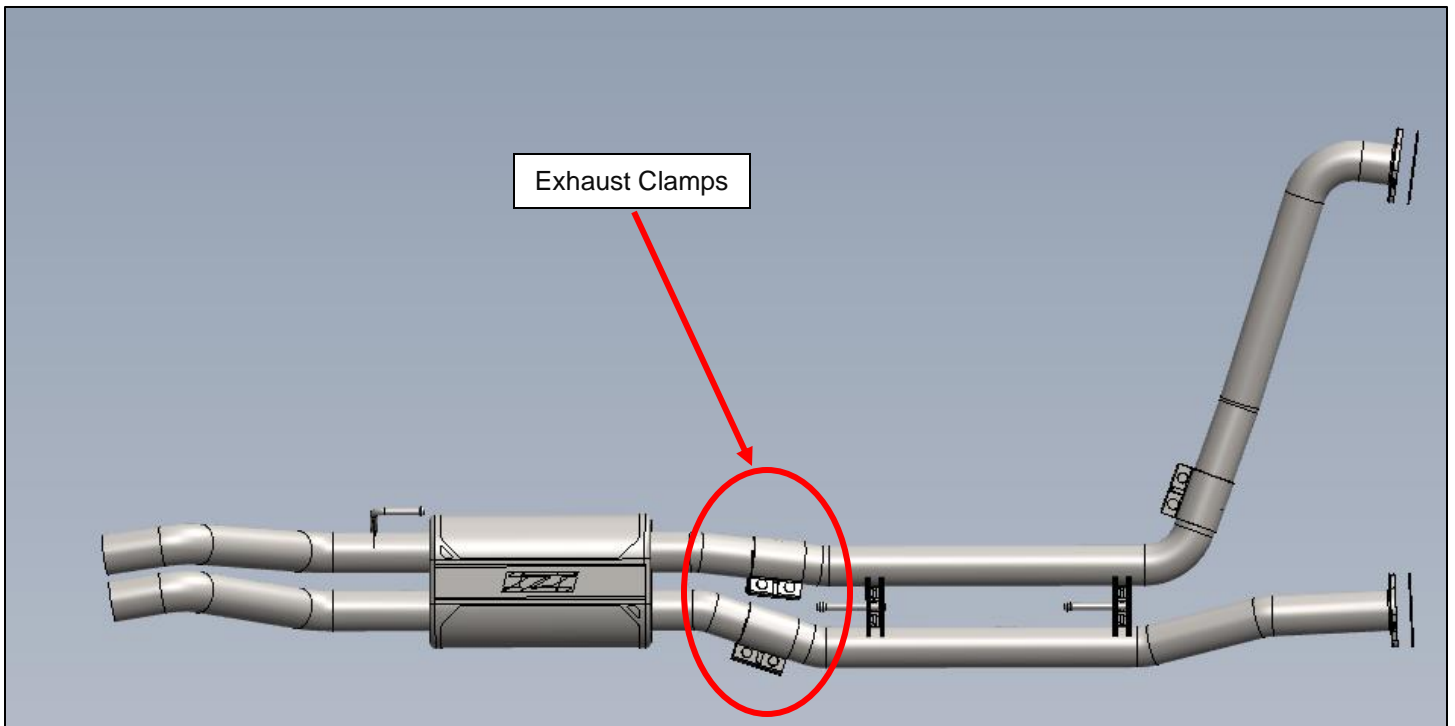


Figure 3

6. Locate the Rear Section and (2) two Exhaust Clamps. Install the Rear Section into the OE Exhaust Hanger. Loosely secure the (2) two ends of the Rear Section to the Muffler with the Exhaust Clamps. *Figure 4.*

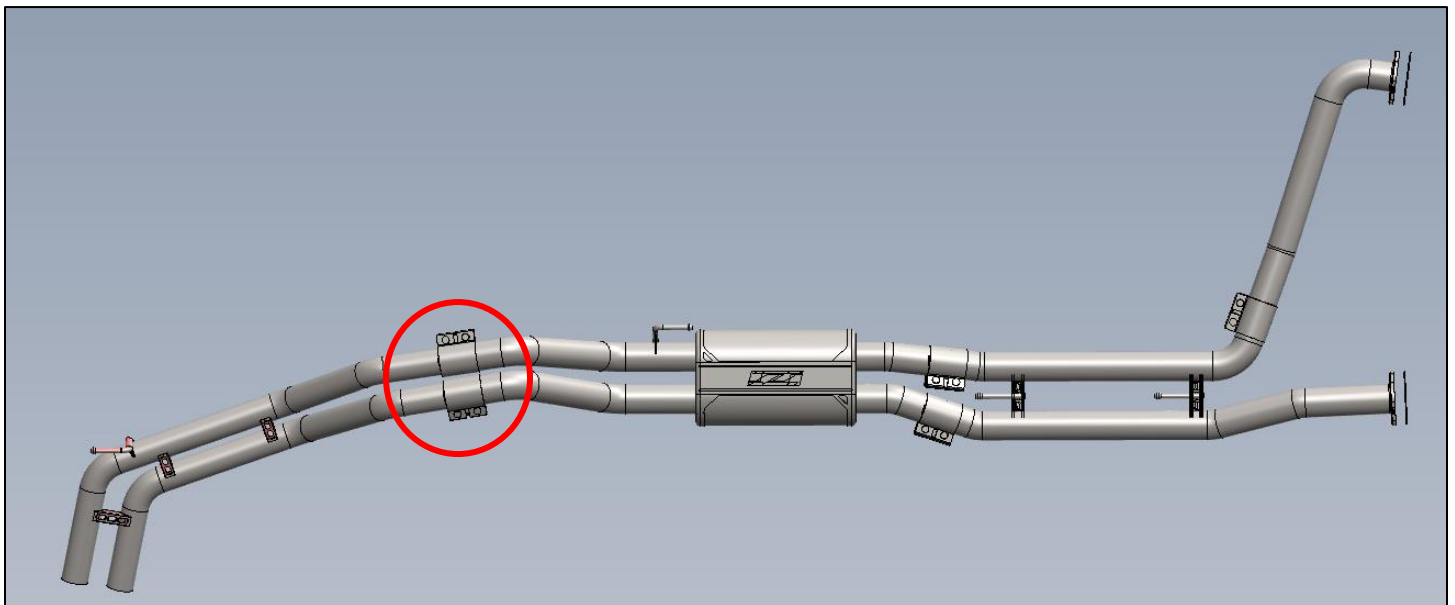
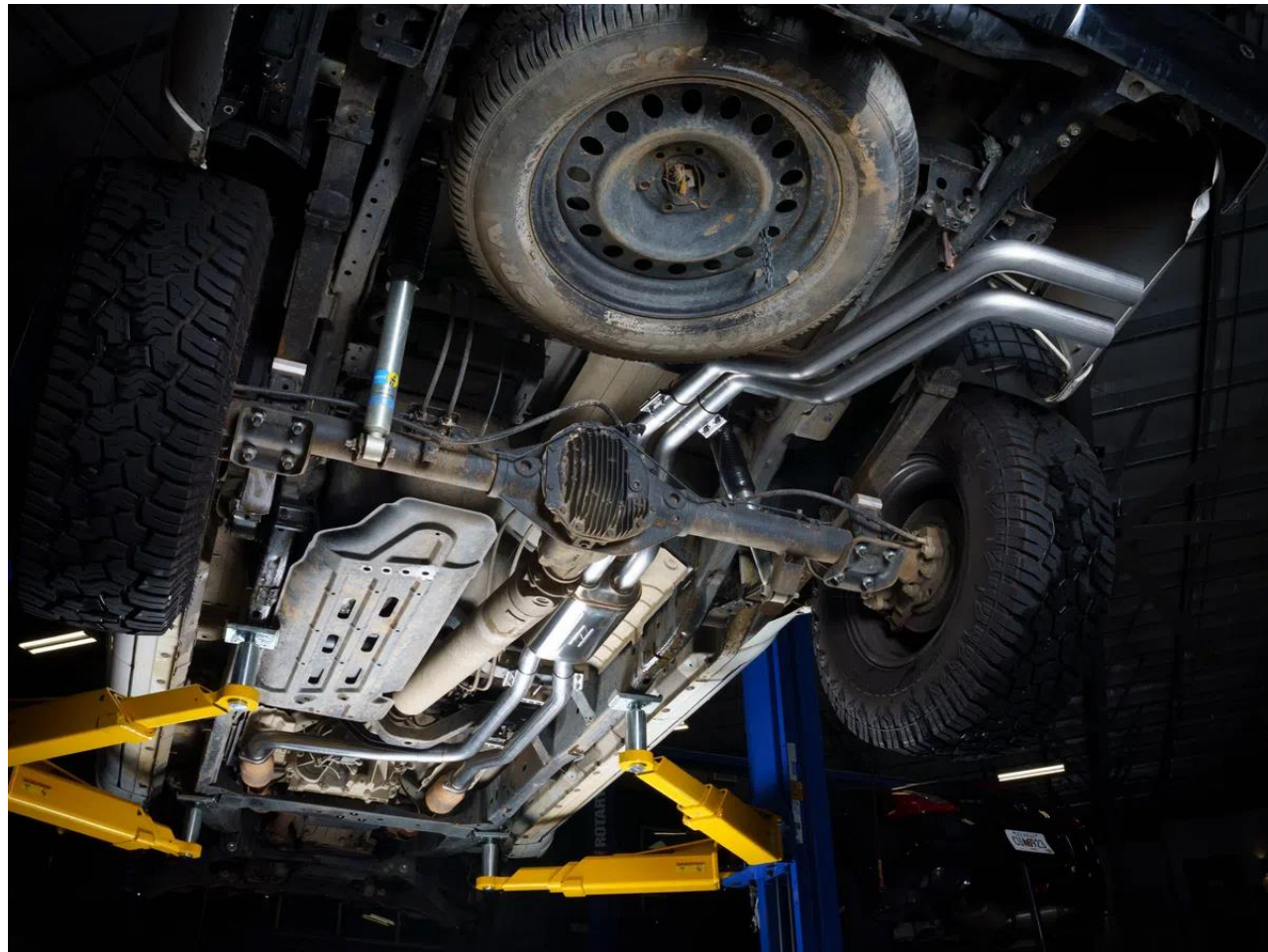


Figure 4

7. If you have the optional Exhaust Tips and Clamps, install them now onto the Tailpipes, but do not tighten the clamps yet.
8. Adjust the Exhaust System for proper fitment to prevent binding or exhaust leaks.
9. Starting at the Front of the vehicle, tighten all Exhaust Hardware. Torque the M10 bolts to **43 ft-lbs.**
10. Adjust the Exhaust Tips to your desired fitment and tighten the clamps to secure.
11. Wipe down the Exhaust system to remove grease, debris and fingerprints.
12. Start the vehicle. Check for exhaust leaks and tighten hardware as necessary.



END

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