

Z1 Q50 / Q60 TOURING EXHAUST INSTALLATION MANUAL



This Installation Manual is intended for the following models:	
2014+	Infiniti Q50
2016+	Infiniti Q60

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 Q50 / Q60 Touring Exhaust, consult with a Professional Mechanic or contact Z1 Motorsports for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	1	Midpipe A
2	1	Midpipe B
3	1	Dual Axleback
4	2	Tailpipes
5	2	Rubber Hanger
6	1	Driver Side Hanger
7	1	Passenger Side Hanger
Catback Version Includes:		
1	1	Y-Pipe

TOOLS REQUIRED:

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- Ratchet Extension(s)
- 14mm Socket/Wrench
- 15mm Socket/Wrench
- 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.

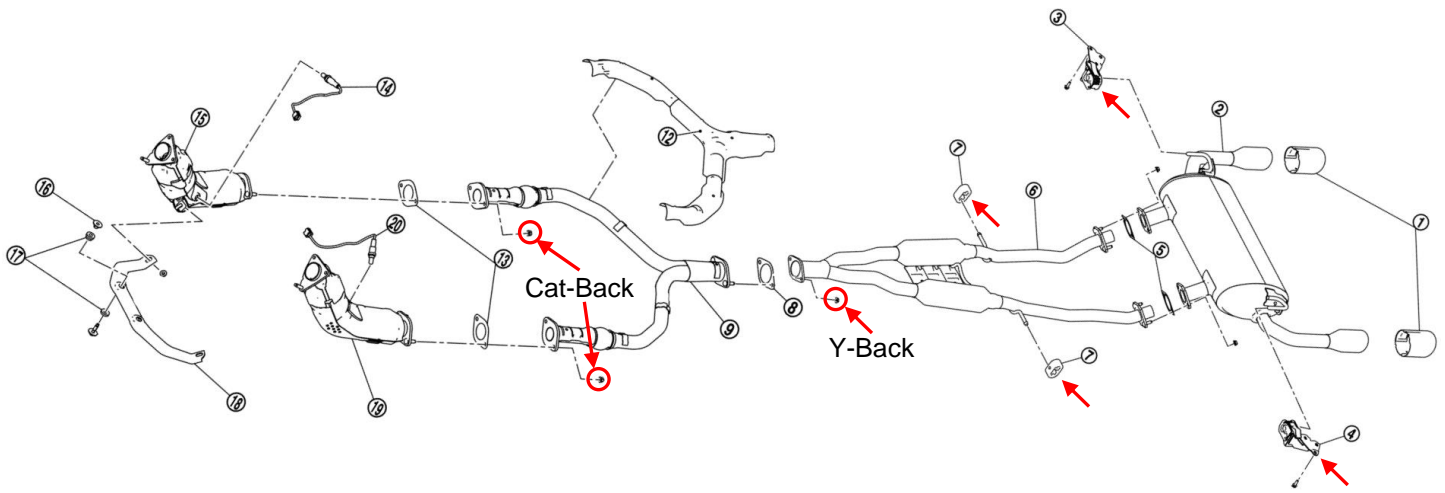
BEFORE YOU BEGIN:

Remove contents from the Z1 Motorsports Q50 / Q60 Touring Exhaust and verify that ALL necessary hardware is present.

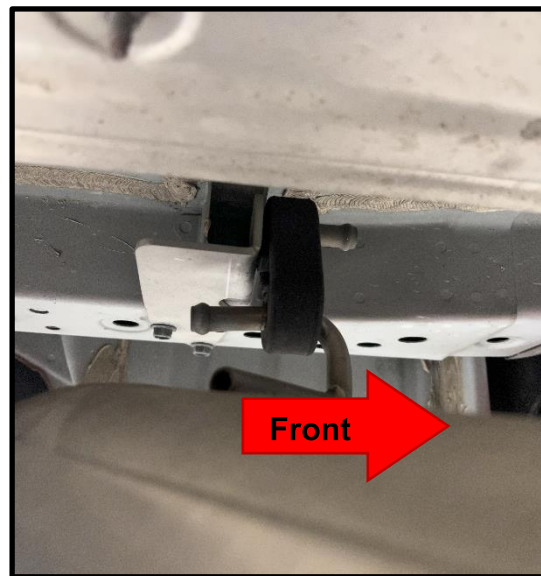
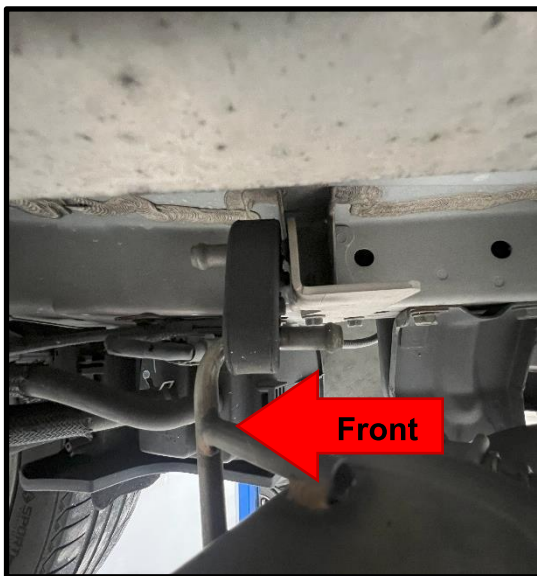
It is recommended to spray some rust penetrating fluid on the old exhaust fasteners ~30 minutes or more before removal.

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. Remove old exhaust components. Refer to the diagram on the following page.



- a. If you purchased the Y-back exhaust, remove the fasteners that connect the Y-pipe (9) to the rear section of the exhaust (circled above).
 - b. If you purchased the cat-back exhaust, remove the fasteners that connect the Y-pipe (9) to the catalytic converters (15) & (19) (circled above).
 - c. Both versions will need to remove the rubber exhaust hangers (7) and both hanger brackets (3) & (4). Both hanger brackets have (3) bolts securing them to the chassis. Retain bracket hardware.
4. Locate the Z1 exhaust hanger brackets and rubber exhaust hangers.
 5. Attach each metal hanger bracket to the chassis using the (3) bolts removed in step # 3-c with the folded part of the bracket pointing up and the rubber hanger stud pointing towards the front of the car (as shown). Torque bolts to 10ft-lbs.

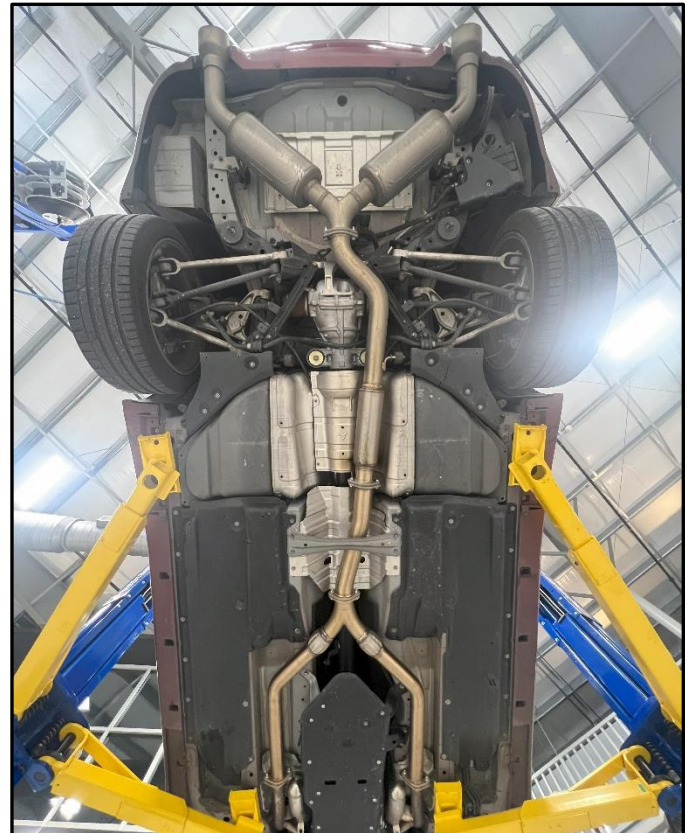


6. Attach rubber exhaust hanger onto exhaust hanger bracket.
7. Locate new exhaust components.

- Orient new exhaust components into their location under the vehicle making sure to attach each rubber exhaust hanger on the chassis to the metal hangers on the exhaust. Place supplied bolts through the flange mounting holes and loosely secure with supplied hex nuts. Reference the image at right for orientation of exhaust mid-pipes.

Note: Be sure to include gaskets between each exhaust flange connection.

- Torque bolts at the top of the Y-Pipe, where it connects to the catalytic converters, to 39ft-lbs.
- Torque all other bolts to 43ft-lbs.
- Position exhaust tail pipes and tips over muffler(s) with supplied clamps.
- For Q50 owners:** the shorter end of the tailpipe should be installed into the muffler and the tips should be installed on the longer end. Refer to the image at right.
- Make sure the exhaust clamps don't get caught up on one of the expansion joints as shown in the picture at right.
- Tighten the clamps on the tailpipes and tips. They take a lot of tightening to fully close to prevent movement. After initial tightening, try to rotate or wiggle the tailpipe/tip, if there is any movement tighten them some more.
- Properly lower vehicle from jack stands.
- Start vehicle. While at idle, check for leaks or faulty operation of exhaust components.
- Perform a final test drive of vehicle.



END

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