



## INSTALLATION INSTRUCTIONS

**MAKE:** Infiniti

**MODEL:** Q50

**YEAR:** 2016 - 2019

**ENGINE:** V6-3.0L (tt) Sport / Red Sport 400

**ALSO FITS:** 2017 - 2019 Q60

### 304 Stainless Steel Down Pipe

48-36110-HC (w/ Cat)


48-36110-HN (w/Out Cat)

#### Parts Included:

- (P/N: 05-145470) Left Down Pipe (Street) (x1)
- (P/N: 05-145471) Right Down Pipe (Street) (x1)
- (P/N: 05-145472) Left Down Pipe (Race) (x1)
- (P/N: 05-145473) Right Down Pipe (Race) (x1)

#### Hardware Included:

- (P/N: 05-46326) Gasket (x2)
- (P/N: 03-50400) 10MM Nut (x4)
- (P/N: 03-50401) 10MM Bolt (x4)



**RACE ONLY DISCLAIMER**  
This is a Race Only product that is to be used solely for competition, it cannot be used on vehicles that are operated on public streets, roads or highways. Its use is limited to closed-course and open-course racing that is formally sanctioned by a recognized racing organization. Any other use, including recreational off-road use, could be in violation of local, state and federal laws. A competition acknowledgement / liability release form must be filled out and submitted.



**Caution:** aFe recommends professional installation on our products. Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation.

- Step 1:** (Read Instructions prior to installation) for faster removal and installation of exhaust a trained professional is recommended for this procedure. Secure stock exhaust with jack/stands before removing. Please allow exhaust to cool down! This will prevent any burn injuries.
- Step 2:** Disconnect the negative battery terminal.
- Step 3:** Remove the engine cover.
- Step 4:** Remove the mid belly pan.
- Step 5:** Remove the front wheels from the vehicle.
- Step 6:** Remove the center cross brace secured under the stock exhaust.
- Step 7:** Support the muffler with stand. Loosen and remove the (x3) bolts on the each side hanger brackets holding muffler.
- Step 8:** Remove the (x4) nuts securing the stock front mid pipe to the catalytic converters.
- Step 9:** With the Jack/stands still in place supporting stock exhaust. Start to remove all rubber isolation mounts.
- Step 10:** Once you have securely removed all components holding stock exhaust. You can now remove the exhaust in one piece.
- Step 11:** Remove the passenger side and driver side support brackets from the lower catalytic converters and transmission and remove the brackets.
- Step 12:** Unplug and remove all O2 sensors (mark the O2 sensors so they can be installed in the correct location later)
- Step 13:** Remove the bolts and nuts on lower catalytic converters and remove the lower catalytic converters.
- Step 14:** Remove the passenger side support bracket from the upper catalytic converters and transmission and remove the bracket.
- Step 15:** On the passenger side upper catalytic converters remove the lower heat shield.
- Step 16:** On the passenger side upper catalytic converter remove the top heat shield; loosen the outer heat shield bolt 3/4 of the way. Do not remove all the way
- NOTE: This will allow access to the V band clamp.**
- Step 17:** Loosen and remove the V band clamp on the Upper catalytic converter and remove. (Take note the V band clamp can be reinstalled in the same rotation this will ease installation later).
- Step 18:** On the driver side upper catalytic converters remove the lower heat shield.
- Step 19:** On the driver side upper catalytic converter remove the top heat shield; loosen the outer heat shield bolt 3/4 of the way. Do not remove all the way.
- NOTE: This will allow access to the V band clamp.**
- Step 20:** Loosen and remove the V band clamp on the Upper catalytic converter and remove. (Take note the V band clamp can be reinstalled in the same rotation this will ease installation later).



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- Step 21:** Install the passenger side aFe power down pipe using the stock V band clamp.  
**NOTE Make sure the V band clamp, but leave loose enough so the is slight movement of the down pipe. But do not tighten.**
- Step 22:** Reinstall the lower heat shield that was removed in the **step 15**.
- Step 23:** Reinstall the passenger side support brackets to the aFe down pipe and transmission that was removed in the **step 11**.
- Step 24:** Install the driver side aFe power down pipe using the stock V band clamp.  
**NOTE Make sure the V band clamp, but leave loose enough so the is slight movement of the down pipe. But do not tighten.**
- Step 25:** Reinstall the lower heat shield that was removed in the **step 19**.
- Step 26:** Reinstall the support lower catalytic converters bracket on the transmission using the stock nuts on the aFe power down pipe that was removed in the **step 11**. But do not tighten.
- Step 27:** Reinstall the O2 sensors and plug in connectors.
- Step 28:** Adjust down pipes before tightening now tighten complete system.
- Step 29:** Reinstall the stock exhaust using hardware supplied.
- Step 30:** Reinstall the muffler hanger brackets and tighten.
- Step 31:** Tighten all the top heat shields.
- Step 32:** Reinstall the cross-member support bracket using the original hardware.
- Step 33:** Reinstall the mid belly pan.
- Step 34:** Reinstall the engine cover.
- Step 35:** Reinstall the front wheels. Refer to owner's manual for proper wheel lug torque.
- Step 36:** Reconnect battery.
- Step 37:** Start the vehicle and check for any leaks. Remove the vehicle from jack stands. Your installation is now complete!
- Step 38:** It is recommended to re-tighten bolts and nuts after 50-100 miles.