



480 E. Easy St. Unit #4
Simi Valley, Ca.
93065

***Instruction Guide:
2016+ Infiniti Q50 3.0L VR30DDTT
"Full Down Pipes"***

Technical support:
(805) 522-3278
Monday- Friday 9a.m.- 3 p.m. PST



WARNING: INSTALLATION OF THIS PRODUCT MAY NOT BE LEGAL FOR HIGHWAY USE ON POLLUTION CONTROLLED MOTOR VEHICLES.

INSTALLATION ACCESSORIES INCLUDED:

4- 3/8"x 1.5" FLANGE BOLTS
2- 3/8"x 1.0" FLANGE BOLTS
6- 3/8" FLANGE NUTS
2- 2 BOLT GASKETS

Using a lift for install is recommended but not required.

WARNING: USE OF POWER TOOLS DURING THE FI FULL DOWN PIPE INSTALLATION MAY CAUSE DAMAGE TO YOUR O2 SENSORS. WE RECOMMEND THE USE OF ONLY HAND TOOLS DURING INSTALLATION.

1) Engine Compartment: Remove the Infiniti plastic engine cover and set aside.
Note: To remove, pull straight up from each corner and it will detach itself from the mounting points.

NOTE: Recommended tools to perform step 2 & 3: (2' 1/2" drive extension / 1/2" drive ratchet / 14mm 1/2" drive deep well swivel socket)

2) Engine Compartment: Driver Side- feed the extension w/socket down to the 2 bolt flange on top of the lower catalytic converter. Remove the nut from the stud that faces toward the engine.

3) Engine Compartment: Passenger Side- feed the extension w/socket, down to the 3 bolt flange on top of the lower catalytic converter. Remove the 2 nuts from the studs that face toward the engine.

4) Re-install the Infiniti plastic engine cover.

5) Underside: Driver Side- Remove the "gold brace" from the transmission bell housing and lower catalytic converter. Set aside, you will reuse.

6) Underside: Driver Side- Unplug the O2 sensor from the wiring harness.

7) Underside: Driver Side- Remove all remaining hardware for the lower catalytic converter. (1) nut on the top flange and (2) nuts on the bottom flange.

8) Underside: Passenger Side- Remove the "black brace" from the transmission bell housing and lower catalytic converter. Set aside, you will reuse.

9) Underside: Passenger Side- Unplug the O2 sensor from the wiring harness.

10) Underside: Passenger Side- Remove all remaining hardware for the lower catalytic converter. (1) nut on the top flange and 2 nuts on the bottom flange.

11) Remove the O2 sensors from the lower catalytic converters. NOTE: Always use extreme care when handling the O2 sensors. Do not touch the O2 sensor probe with your fingers or spray any type of cleaner on them, as this can cause the sensors to become faulty.

12) Install the O2 sensors in to the FI full down pipes. NOTE: Install each O2 sensor in the same side that it was removed from of the OEM lower catalytic converters.

NOTE: From this point forward, the entire installation will be performed from the underside of the vehicle.

13) Remove the front wheels from the vehicle.

14) Remove the mid belly pan. It is secured with (8) 10mm bolts and (1) plastic clip as shown in image 1.

NOTE: By reinstalling (1) 10mm bolt in the front of the rear belly pan, it will keep it from hanging down.



15) Passenger Side Upper Catalytic Converter: Remove the support bracket shown in image 2. It is supported with (2) 14mm bolts.

16) Passenger Side Upper Catalytic Converter: Remove the (1) 10mm lower heat shield bolt.

17) Passenger Side Upper Catalytic Converter: On the top heat shield, loosen the (1) 10mm outer heat shield bolt 3/4 of the way. Do not remove all the way.

18) Passenger Side Upper Catalytic Converter: Pry the upper heat shield towards the outer frame rail. This will allow access to the v-band clamp bolt.

19) Passenger Side Upper Catalytic Converter: Remove the (1) 13mm v-band clamp bolt.

NOTE: Take note of the v-band clamp rotation, as it will need to be reinstalled in the same orientation with the FI Full Down pipe in a later step.

20) Passenger Side Upper Catalytic Converter: Pry open v-band clamp and wiggle the upper catalytic converter at the same time. Once it loosens up, remove the unit.

21) Driver Side Upper Catalytic Converter: Remove the support bracket shown in image 3. It is supported with (2) 14mm bolts.



22) Driver Side Upper Catalytic Converter: Remove the (2) 10mm heat shield bolts.

23) Driver Side Upper Catalytic Converter: On the top heat shield, remove the (1) 10mm outer heat shield bolt.

24) Driver Side Upper Catalytic Converter: Pry the upper heat shield towards the outer frame rail. This will allow access to the v-band clamp bolt.

25) Driver Side Upper Catalytic Converter: Remove the (1) 13mm v-band clamp bolt.

NOTE: Take note of the v-band clamp rotation, as it will need to be reinstalled in the same orientation with the FI Full Down pipe in a later step.

26) Driver Side Upper Catalytic Converter: Pry open v-band clamp and wiggle the upper catalytic converter at the same time. Once it loosens up, remove the unit.

PRO TIP: 2 people for the installation of the FI Full Down Pipes will make the install much easier. 1 person holding the FDP, while the other person aligns and tightens the v-band clamp

27) Driver Side: Install the FI Full Down Pipe.

NOTE: Put anti seize on the v-band bolt threads.

NOTE: Make sure the v-band clamp is reinstalled in the same rotation as OEM.

NOTE: Snug up the v-band clamp, but leave loose enough so there is slight movement of the down pipe.

28) Driver Side: Install the FI Full Down Pipe.

NOTE: Put anti seize on the v-band bolt threads.

NOTE: Make sure the v-band clamp is reinstalled in the same rotation as OEM.

NOTE: Snug up the v-band clamp, but leave loose enough so there is slight movement of the down pipe.

29) Bolt the exhaust system up to the 2 bolt flanges on the FI Full Down Pipes to finalize the proper rotation/alignment.

NOTE: Use the supplied (4) 3/8" x 1.5" flanges bolts, (4) 3/8" flange nuts and (2) 2-bolt gaskets.

30) Driver Side Full Down Pipe: Tighten 13mm v-band bolt.

31) Passenger Side Full Down Pipe: Tighten 13mm v-band bolt.

32) Plug both secondary O2 sensors in to the wiring harness.

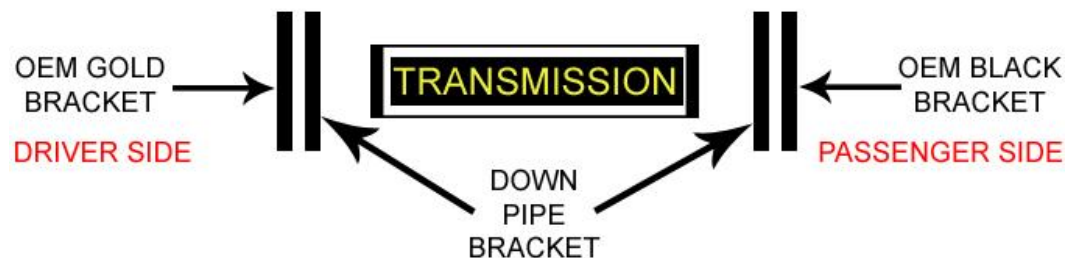
33) Driver Side: Reinstall the "gold brace" to the transmission bell housing and FI full down pipe that was removed in step 5.

NOTE: The OEM hardware will be reused for the transmission connection point. Use (1) supplied 3/8" x 1.0" flange bolt and (1) 3/8" flange nut at the connection point to the FI full down pipe.

34) Passenger Side: Reinstall the "black brace" to the transmission bell housing and FI full down pipe that was removed in step 8.

NOTE: The OEM hardware will be reused for the transmission connection point. Use (1) supplied 3/8" x 1.0" flange bolt and (1) 3/8" flange nut at the connection point to the FI full down pipe.

NOTE: When properly installed, both OEM support brackets should be on the outward side of the FI full down pipe hanger bracket.



35) Passenger Side: Reinstall the (1) 10mm lower heat shield bolt.

- 36)** Passenger Side: Tighten top heat shield outer 10mm bolt.
- 37)** Driver Side: Reinstall the (2) 10mm lower heat shield bolts.
- 38)** Driver Side: Reinstall the top heats shield 10mm outer bolt.

NOTE: Once the FI full down pipes are installed, it should look like images 4 - 6.



- 39)** Reinstall the mid belly pan.
- 40)** Reinstall the front wheels. Torque to manufacturer specs.
- 41)** You are just about finished. Visually verify that everything is reinstalled properly and all connection points are properly secure. Once you confirm everything is visually correct, start the car and verify that there are no exhaust leaks. In the event that there is an exhaust leak, rectify the issue and repeat step 41 again.

Congratulations! You have successfully completed the Fast Intentions Full Down Pipe installation for the Infiniti 3.0L VR30DDTT Q50 and Q60.