

advanced FLOW engineering

Cold Air Intake System

Instruction Manual P/N: TR-3019B-R / TR-3019B-D

Make: **INFINITI** Model: **Q50** Year: **2014-2015** Engine: **V6-3.7L**

Make: **INFINITI** Model: **Q50** Year: **2014-2015** Engine: **V6-3.5L**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7185.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	2	Air Filter (Pro DRY S)	TF-9023D
A2	2	Air Filter (Pro 5R)	TF-9023R
B	1	Tube #1 of 2	05-T3019B1
C	1	Tube #2 of 2	05-T3019B2
D	1	Housing #1 of 2	05-T3019B3
E	1	Housing #2 of 2	05-T3019B4
F	2	Coupling, Silicone Straight	05-01107
G	4	Clamp (2-5/16" - 3-1/4")	03-50019
H	1	Hose, Fuel: 5/8" ID, Black (2.5")	05-00069
J	1	Hose, Silicone Breather: 1" ID, Black	05-01724

Installation will require the following tools:

8mm Nut driver, 10mm Nut Driver, 1/4" Ratchet, 10mm Socket, Flathead Screw Driver, Phillips Screw Driver, Pliers.

Warranty Information available at: <https://afepower.com/contact#warranty>





Figure A

Refer to Figure A for Steps 1-2

Step 1: Remove the 10mm nut and bolts off the engine cover.

Step 2: Remove the engine cover.



Figure B

Refer to Figure B for Steps 3-6

Step 3: Unplug the MAF sensor harness and detach from OE housing on both sides.

Step 4: Remove the crank case breathers out of the OE intake tubes.

Step 5: Loosen the clamps on both of the throttle bodies.

Step 6: Unclip the OE housing and remove the intake tube with half of the OE housing, for both sides.



Figure C

Refer to Figure C for Step 7

Step 7: Pre-install the Takeda air filters through the Takeda housings, make sure the filters retain bumps are secured onto the housings.



Figure D

Refer to Figure D for Steps 8-9

Step 8: Install the silicone couplings onto throttle bodies along with clamps, leave clamps loose at this time.

Step 9: Install Takeda housings onto OE air box using OE clips.



Figure E

Refer to Figure E for Step 10-11

Step 10: Transfer MAF sensors from OE tube to Takeda intake tube re-using OE hardware.

(Make sure not to invert passenger side and driver side MAF sensors)

Step 11: Pre-install provided crank case hoses onto Takeda intake tubes.



Figure F

Refer to Figure F for Steps 12-14

Step 12: Re-connect the MAF sensor harness to sensors.

Step 13: Slide Takeda tubes into Takeda air filters then into couplings. Adjust tubes and make sure filters are still installed correctly into housings. Tighten all clamps.

Step 14: Connect the crank case breathers to the crank case hoses.



Figure G

Refer to Figure G for Steps 14-16

Step 14: Re-install your engine cover

Step 15: Make sure all clamps and bolts are tighten.

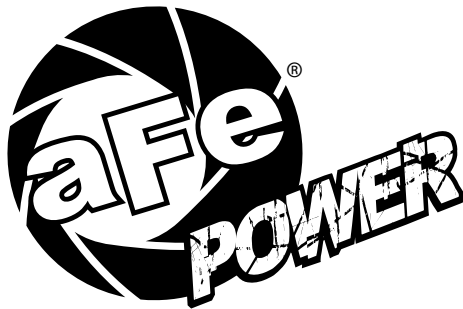
Step 16: Installation is now complete. Thank you for choosing Takeda!

NOTE: Check all bolts, clamps, and connectors after 100-200 miles.

Place enclosed CARB EO sticker on a smooth/clean surface on or near the intake system.

EO identification label is required in passing the smog check inspection.

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advanced FLOW engineering, inc.

Corona, CA 92879

<https://afepower.com/contact>