

advanced FLOW engineering Takeda Stage-2 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** CARB EO #: **D-550-21**



- 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 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- 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
I	1	Hose, Fuel: 1"ID, Black (2")	05-01181

Installation will require the following tools:

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

Note: Legal in California for use on race vehicles only. The use of this device on vehicles used on public streets or highways is strictly prohibited in California and others states that have adopted California emission regulations.





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.

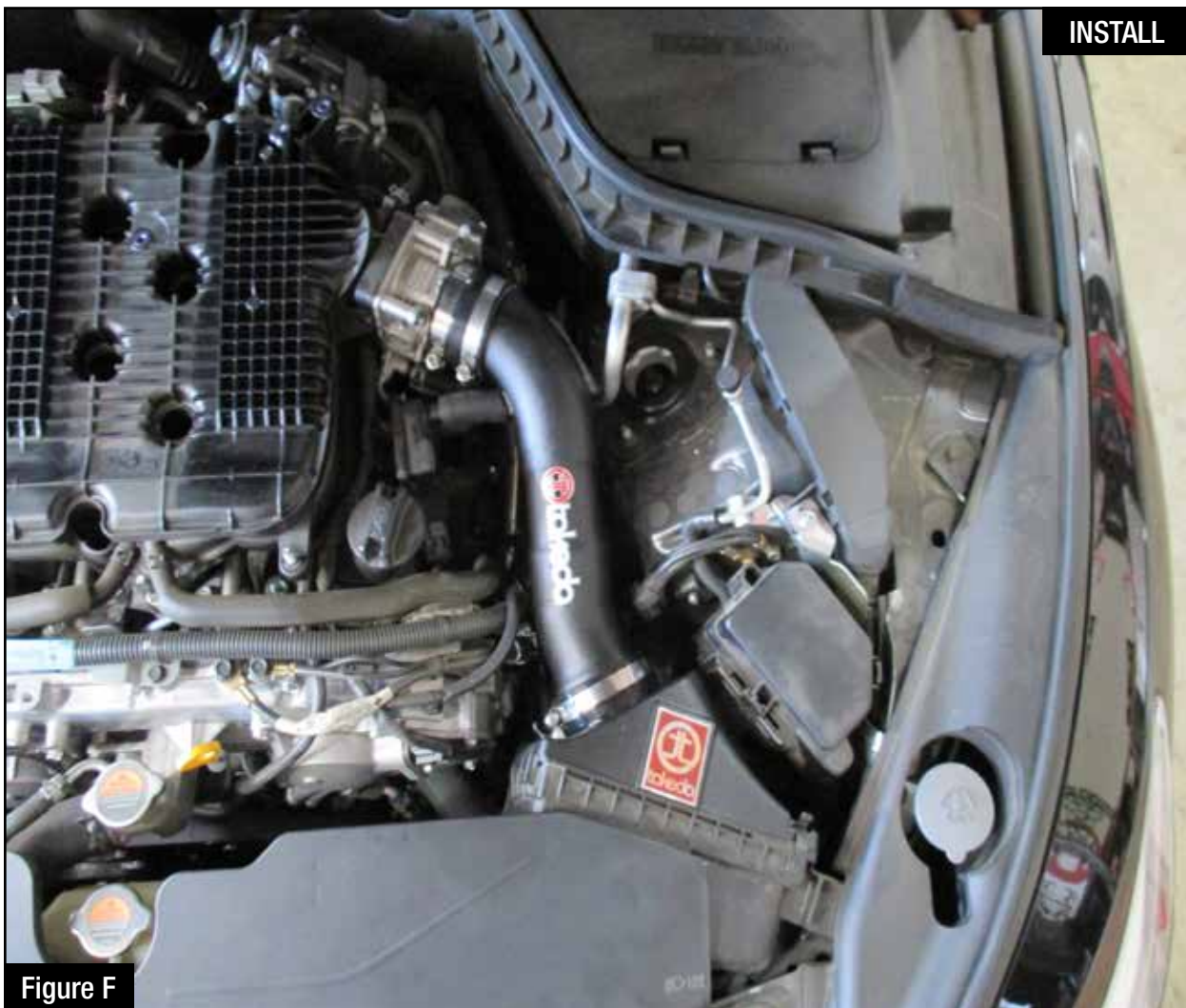


Figure F

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.

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Pro DRY S Air Filter



P/N: TF-9023D

Pro 5R Air Filter



P/N: TF-9023R

Takeda Restore Kit



P/N: TP-7015C

Blue Squeeze Restore Kit



P/N: 90-50501

Throttle Body Spacers



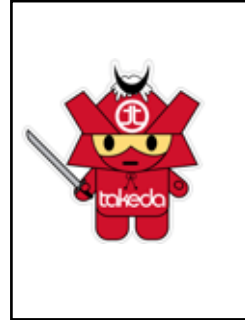
P/N: 46-36007

Takeda Decal



P/N: TP-7002D

Takeda Mascot Decal



P/N: TP-7003D

Mouse Pad



P/N: 40-10130

aFe POWER Lanyard



P/N: 40-10132

aFe POWER Key Chain Set



P/N: 40-10201

aFe POWER Urocal Badge



P/N: 40-10207

aFe POWER LED
USB Flashlight



P/N: 40-10207

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to aFepower.com.

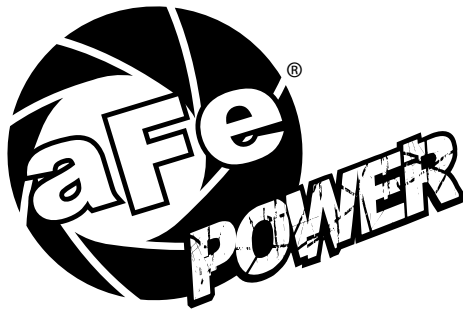
Warranty

General Terms:

- aFe warrants their products to be free from manufacturer's defects due to workmanship and material.
- This warranty applies only to the original purchaser of the product and is nontransferable.
- Proof of purchase of the aFe product is required for all warranty claims.
- Warranty is valid provided aFe instructions for installation and/or cleaning were properly followed.
- Proper maintenance with regular inspections of product is required to insure warranty coverage.
- Damage due to improper installation, abuse, unauthorized repair or alteration is not warranted.
- Incidental or consequential damages or cost, including installation and removal of part, incurred due to failure of aFe product is not covered under this warranty.
- All warranty is limited to the repair and/or replacement of the aFe part. To request Return Goods Authorization ("RGA"), email RGA@afepower.com or call (951)493-7100. Upon receipt of the RGA, you must return the product to the address provided in the RGA, freight prepaid and accompanied with a dated proof of purchase and the RGA. Upon receipt of the defective product and upon verification of proof of purchase, aFe will either repair or replace the defective product within a reasonable time, not to exceed thirty days.

Product Category	P/N Prefix	Warranty duration
Direct OE Replacement Filters	10, 11, 30, 31, 71, 73	Life of the vehicle
Racing Filters	18	1 year
Universal	21, 23, 24, 72, TF	2 years
Air Intake Systems	50, 51, 53, 54, 55, 58, 75, TA, TL, TM, TR	2 years
Exhaust Systems	49	2 years
Intercoolers & Intercooler Tubes	46-2	2 years
Intake Manifolds	46-1	2 years
Differential Cover	46-7	Life of the vehicle
Exhaust Manifolds	46	2 years
Throttle Body Spacers	46-3	2 years
Fluid Filters	44	90 days
Pre-Filters	28	2 years
Heavy Duty OE Replacement	70	2 years
PowerSports OE Replacement	81, 87	2 years
PowerSports Intake Systems	85	2 years

No other warranty expressed or implied applies nor is any person or advanced FLOW engineering authorized to assume any other warranty. Some States do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



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