



advanced FLOW engineering

Instruction Manual P/N: TR-2014B-D



Make: **Scion** Model: **tC** Year: **2007-2010**

Engine: **L4-2.4L**

NOTE: **Does NOT fit 2005-2006 models.**



- 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.

Retain factory parts for future use.

Label	Qty.	Description	Part Number
A	1	Air Filter (Pro DRY S)	TF-9002D (Grey Media)
B	1	Tube (Wrinkle-Black)	05-T2014B1
C	1	Housing	05-T2014B2
D	1	Coupling Silicone	05-01188
E	1	Trim 1/16" (8.5 Inches)	05-00149
F	1	Hose 5/8" (8 Inches)	05-00069
G	1	Isolation Mount M6	03-50022
H	2	Clamp, 044	03-50019
I	1	Nut, Hex	03-50059
J	1	Washer, Flat	03-50070
K	1	Bracket	05-01287

Installation will require the following tools:

Phillips screw driver, 8mm nut driver, ratchet, extension, 10mm socket & 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**

Note: Make sure car is cool before starting this installation to avoid coolant burns.

Step 1: Disconnect the MAF sensor harness from the MAF sensor (1).

Step 2: Remove the two 10mm nuts holding the engine cover. Then remove engine cover (2).

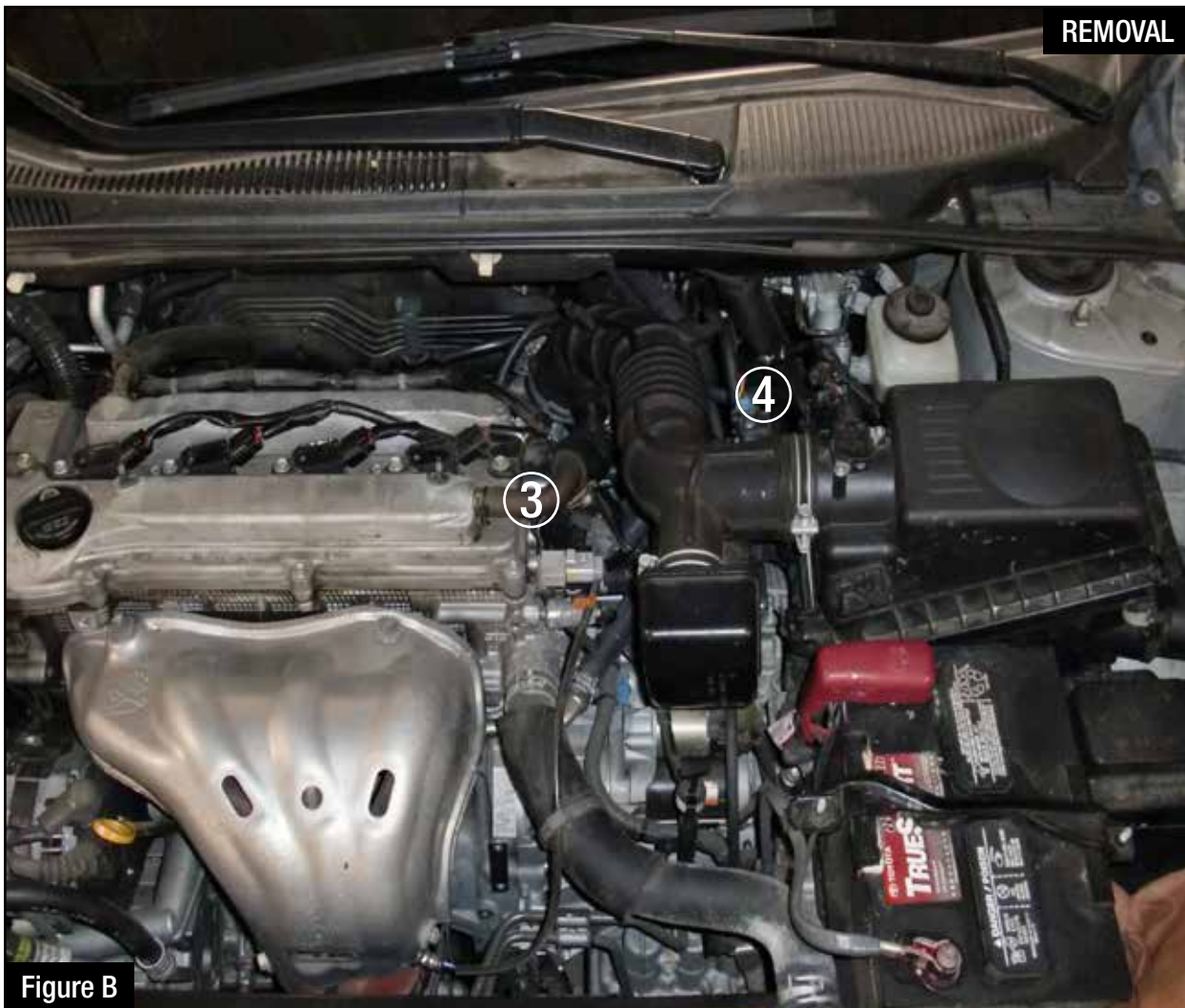


Figure B

Refer to Figure B for steps 3-7

Step 3: Unplug crankcase hose from the valve cover ③.

Step 4: Using a Philips screwdriver detach the VSV ④ module from the intake tube

Step 5: Release the 2 clips holding down the air box lid.

Step 6: Slide the clamp holding the intake tube located at the throttle body using pliers.

Step 7: Remove the top portion of the air intake system (tube and top of the air box).

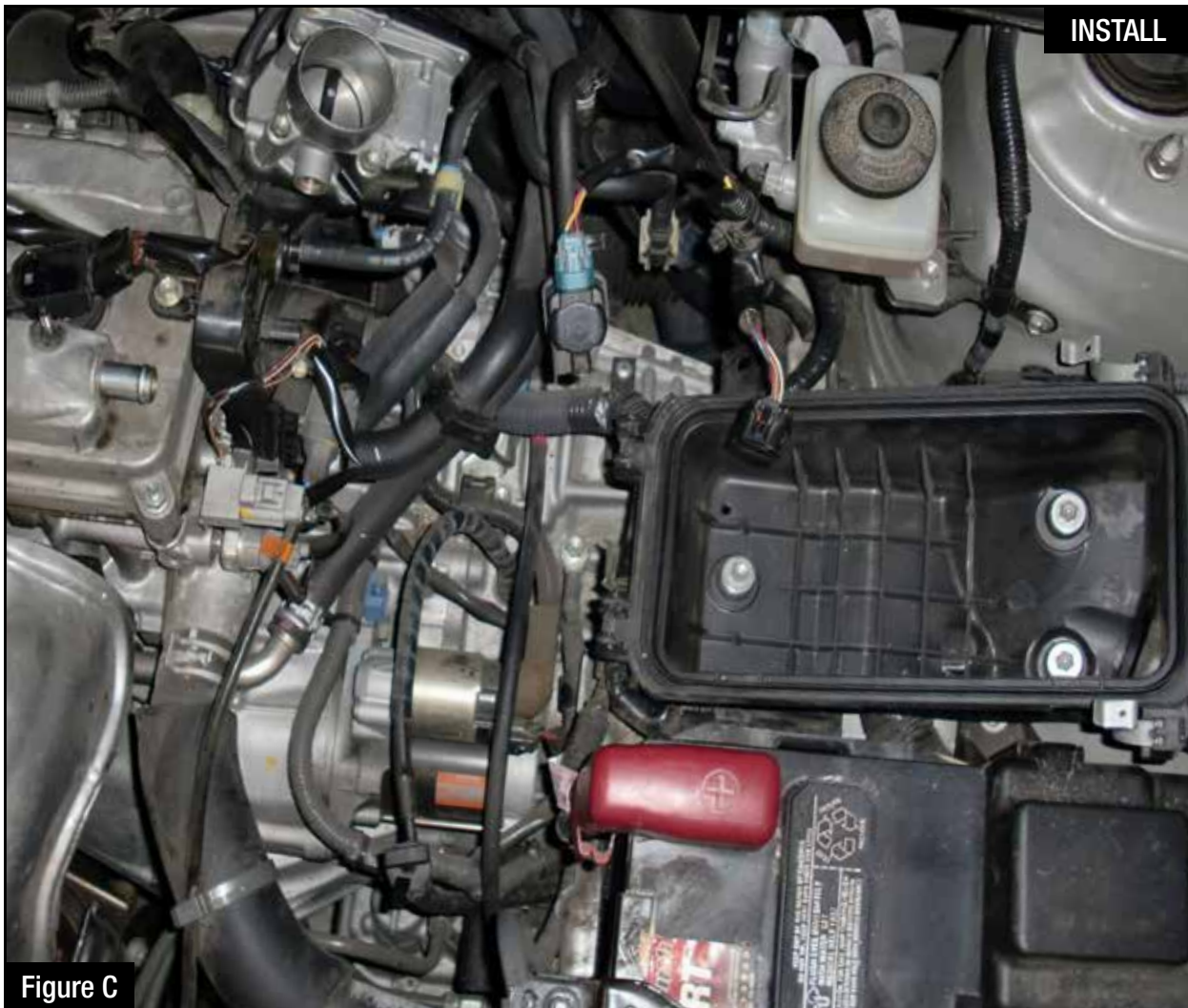


Figure C

Refer to Figure C for step 8

Step 8: Remove the filter and the 3 bolts holding down the lower portion of the air box using a 10mm nut driver. Then remove the lower portion of the air box out of the vehicle.



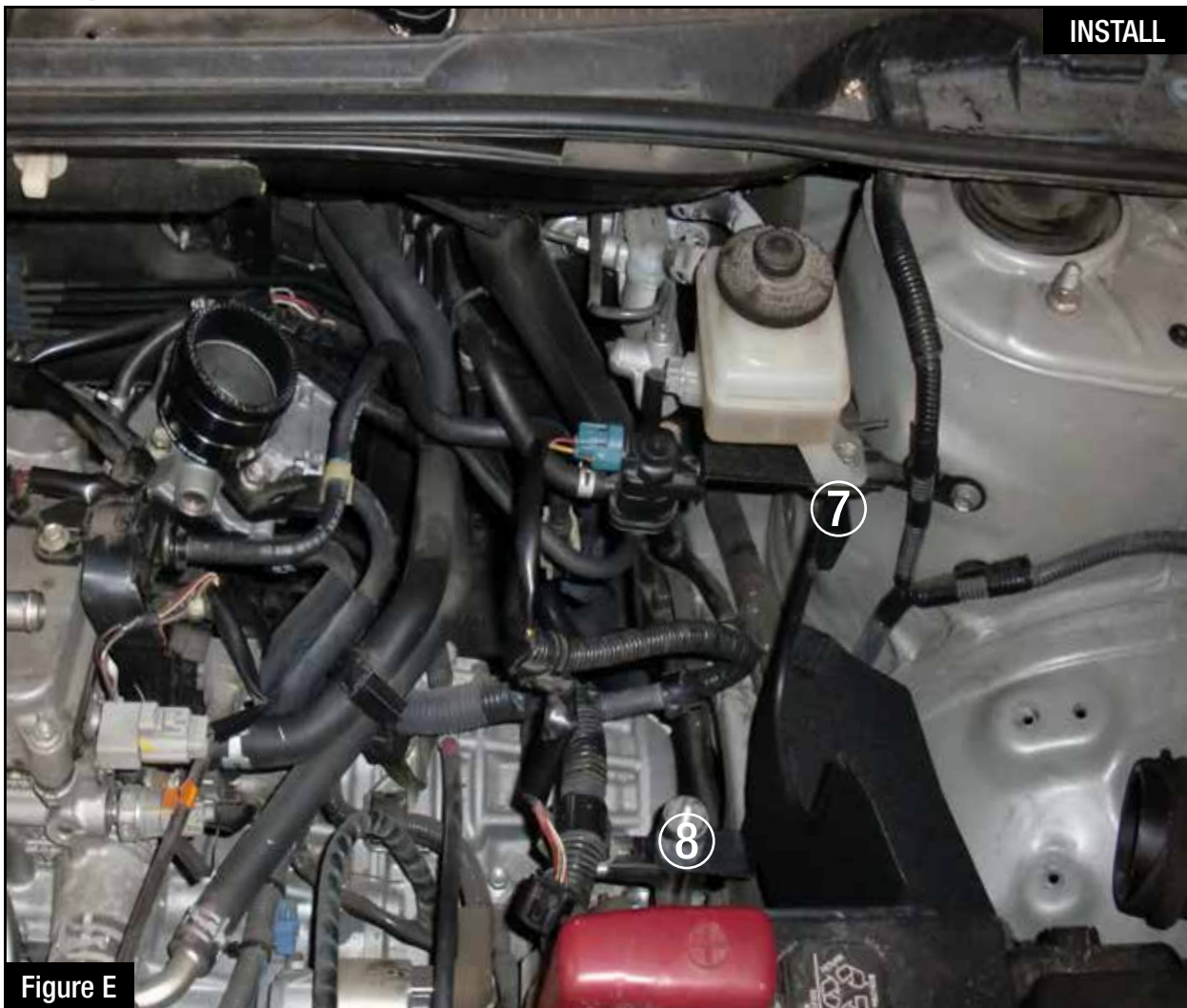
Figure D

Refer to Figure D for steps 9-11

Step 9: Re-using the OE screw secure the VSV module to the supplied bracket.

Step 10: Loosen the 10mm (5) bolt on your brake reservoir and slide the bracket in between the reservoir and OE bracket. Re-tighten the screw

Step 11: Remove the 10mm (6) bolt securing the bottom of brake reservoir OE bracket.


Figure E
Refer to Figure E for steps 12-14

Step 12: Install trim seal onto housing.

Step 13: Install housing in vehicle. Secure it with the screw removed from step 11 (7) and the furnished isolation mount (8).

Step 14: Install supplied coupling with clamps onto throttle body, do not tighten clamps yet.



Figure D

Refer to Figure D for steps 15-17

Step 15: Remove MAF sensor from OE air box, and install onto Takeda intake tube with the factory screws ⑨ .

Step 16: Install Takeda intake tube onto coupling and isolation mount.

Step 17: Place the provided crank case hose ⑩ between the Takeda intake tube and valve cover.



11

Figure E

Refer to Figure E for steps 18-19

Step 18: Install the Takeda filter onto the intake tube and tighten all clamps.

Step 19: Install the provided nut and washer onto the isolation mount (11) to secure the tube



Figure D

Refer to Figure D for steps 20-24

Step 20: Re-install engine cover and secure it with the nuts removed on step 2.

Step 21: Re-connect the MAF sensor.

Step 22: Make sure all clamps and nuts are secured.

Step 23: Place the Takeda decal onto the Takeda intake tube as shown ⑫.

Step 24: Your installation is now complete. Thank you for choosing Takeda!



Page left blank intentionally

Page left blank intentionally

Pro DRY S Air Filter



P/N: TF-9002D

Pro DRY S Restore Kit



P/N: TP-7015C

Mascot Decal



P/N: TP-7003D

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 non-transferrable.
- 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, 24, 72, TF	2 years
Air Intake Systems	50, 51, 54, 55, 75, TR, TA, TL	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
Turbochargers	46-6	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.

*See turbocharger warranty for more info



advanced FLOW engineering, inc.

252 Granite Street Corona, CA 92879

TEL: 951.493.7100 • TECH: 951.493.7100