

advanced FLOW engineering
Instruction Manual P/N: TA-4402P/TA-4402B



Make: **Kia** Model: **Forte** Year: **2010-2011** Engine: **L4-2.0L & 2.4L (w/out fog lights)**



- 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
A	1	Pro Dry S Air Filter	TF-9003D
B	1	Intake Tube	05-T4402P1 (Pol) or 05-T4402B1 (Blk)
C	1	Housing	05-T4402B2
D	12	Hose, 1/2"	05-00027
E	2	Clamp, 048	03-50007
F	1	Coupler, Angled	05-01116
G	1	Pre-Filter	TP-7011B
H	1	Isolation Mount	03-50022
I	2	Washer, Flat M6	03-50070
J	1	Washer, Wavy M6	03-50058
K	2	Hex Nut, M6	03-50059
L	1	T Fitting	03-50190 (Used on 2.0L Models)
M	1	Elbow Fitting	03-50152 (Used on 2.0L & 2.4L Models)
N	1	Grommet	03-50050

Installation will require the following tools:

Flat head screw driver, Phillips screw driver, 8mm socket, 10mm socket, Ratchet & 5/16 nut driver.





Figure A

Refer to Figure A for steps 1-6

Step 1: Remove the engine cover (1)

Step 2: Loosen the clamp on the throttle body (2)

Step 3: Unplug the vacuum line on the stock intake tube (3)

Step 4: Unplug the vacuum line on the stock intake tube (4) (Only on 2.0L models)

Step 5: Unclip all of the clips on the stock air box (5)

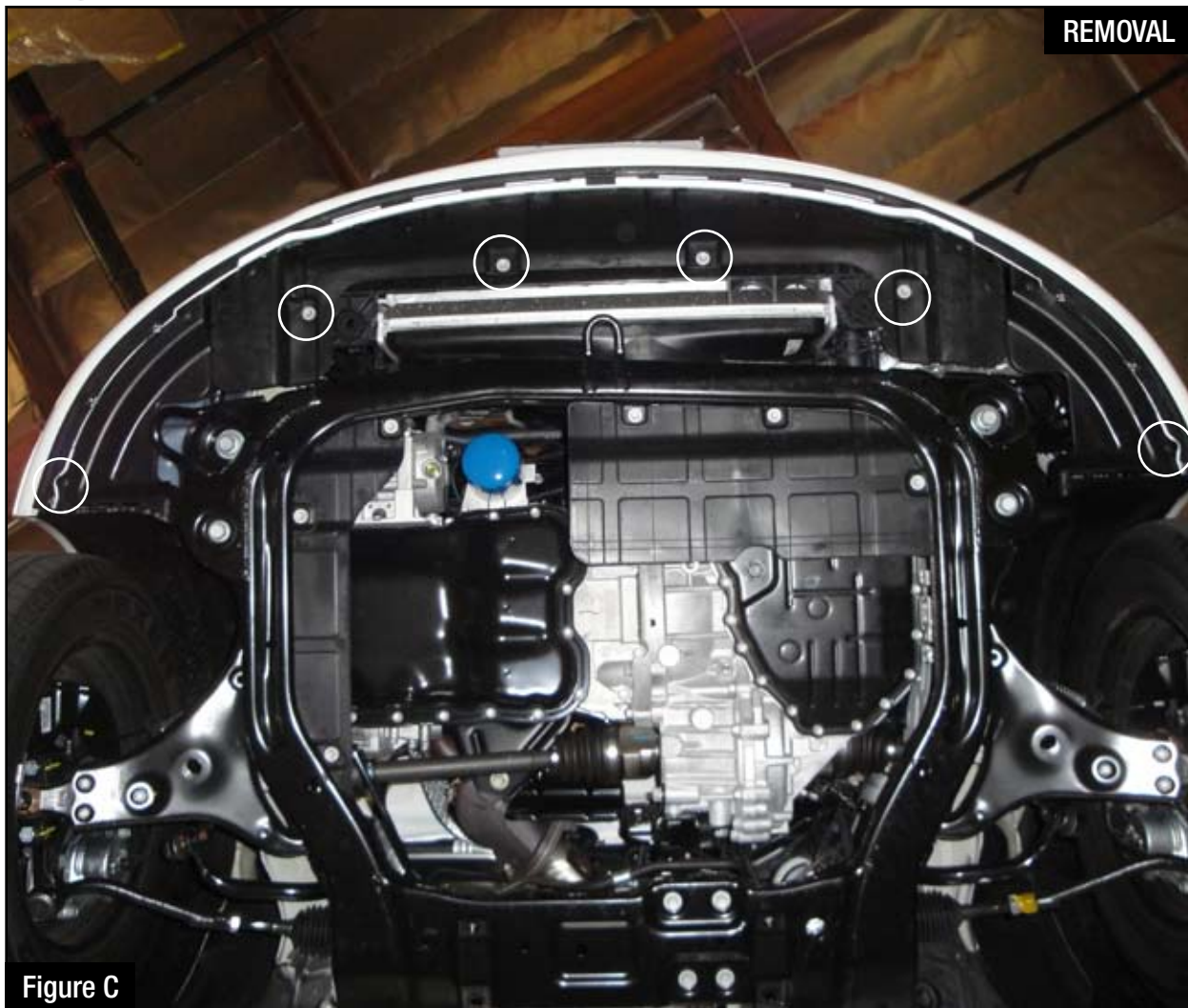
Step 6: Remove the entire intake system, top of air box, and remove stock filter



Figure B

Refer to Figure B for step 7

Step 7: Remove the (2) tabs on the scoop and remove



Refer to Figure C for step 8

Step 8: Remove all the bolts circled above to begin the removal of the bottom splash cover



Figure D

Refer to Figure D for steps 9-10

Step 9: Loosely place a 048 clamp (E) on each end of the angled coupler (F)

Step 10: Keeping the Takeda tube covered (so that it does not scratch) connect the straight end of the the coupler to the intake tube (B) . The angled end of the coupler will mount to the throttle body



Figure E

Refer to Figure E for steps 11-14

Step 11: Screw the isolation mount (H) onto the body of the vehicle and align the bracket

Step 12: Use the flat washers (I) and hex nuts (K) to tighten

Step 13: Place the filter (A) on the end of the intake tube and tighten. Be sure not to put the filter too far on the intake tube

Step 14: Place the pre-filter (G) onto the filter

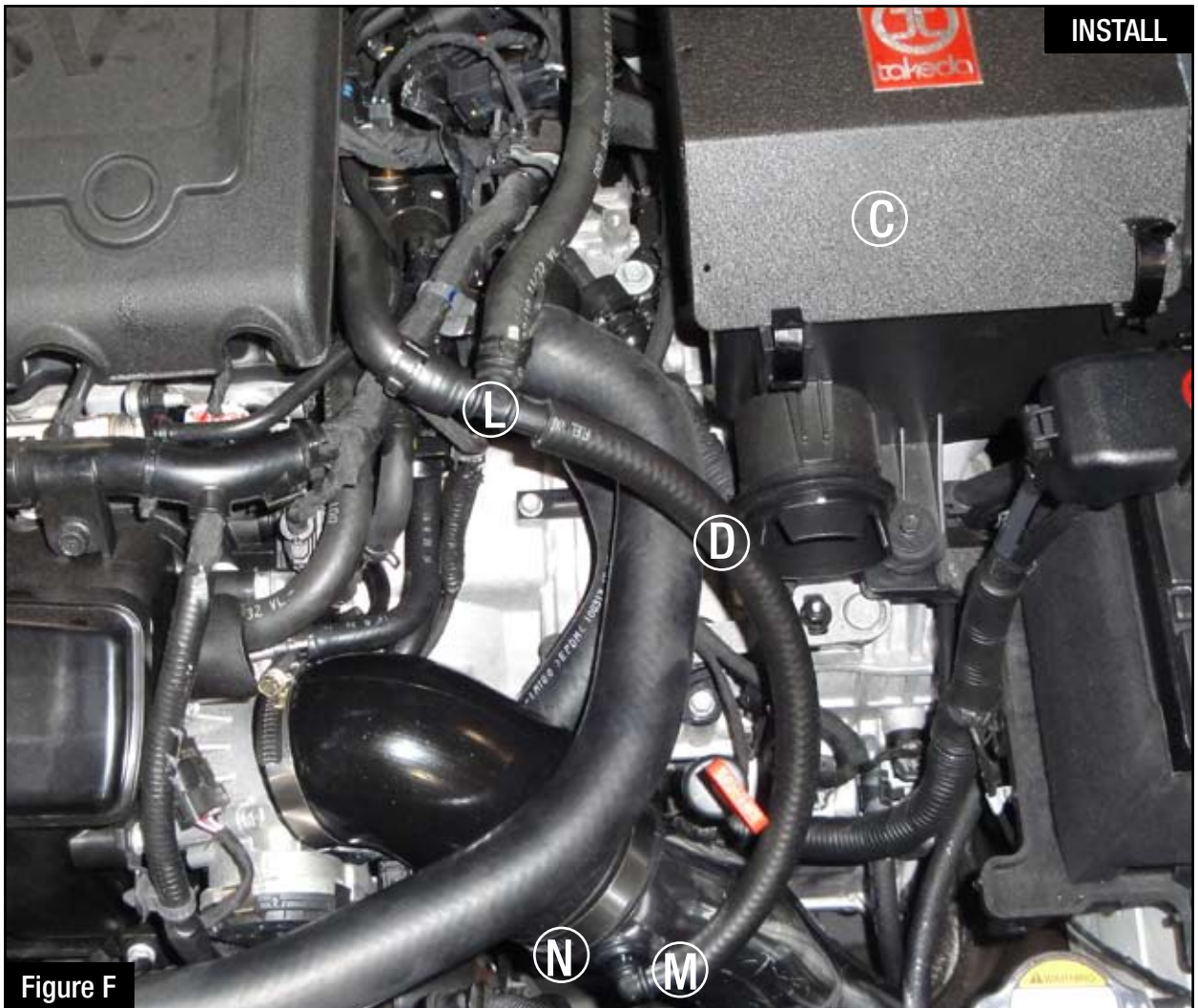


Figure F

Refer to Figure F for steps 15-18

Step 15: Install the housing (C) onto the factory air box securing the (4) clamps

Step 16: Place the grommet (N) into the hole on the intake tube and push the elbow fitting through

Step 17: Connect the fuel line (D) onto (M)

Step 18: For 2.0L Models use the provided T fitting (L) to route the vacuum lines. You will not use the T fitting if you have the 2.4L model



Figure G

Figure G

Figure G shows the install on a 2.4L model



Figure H

Refer to Figure H for steps 19-21

Step 19: Reinstall the scoop back to the factory location

Step 20: Be sure to tighten all of the clamps and isolation mount nut

Step 21: Reinstall the bottom of the bumper cover back to the factory location

Installation is complete.

NOTE: Retighten all connections after approximately 100-200 miles.

Place enclosed CARB E0 sticker on or near the device on a smooth, clean surface.

E0 identification label is required to pass the smog inspection.



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Pro DRY S Air Filter



P/N: TF-9003D

Pro DRY S Restore Kit



P/N: TP-7015C

aFe Power Hat



P/N: 40-10083

Takeda Tee



P/N: TP-7004T M
P/N: TP-7005T L
P/N: TP-7006T XL
P/N: TP-7007T 2XL

Key Chain



P/N: TP-7018K

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

Warranty

aFe warrants their intake systems to be free of defects from workmanship and materials for a period of two (2) years, provided the intake system was: A) installed in an aFe recommended application according to aFe installation instructions; and B) the air filter has been properly cleaned utilizing an aFe cleaning solution and oil (not applicable on Pro DRY S filters). Damage from abuse, improper cleaning, improper oil and improper installation or from open flame is not covered by this limited warranty. In the event of a defect of an aFe product within the period covered by this limited warranty, the purchaser can return the product to the dealer where it was purchased or send the product to aFe at the address listed on the back after obtaining a Return Good Authorization (RGA) number from aFe. The original register receipt will be required as proof of purchase. Purchaser will be entitled to a refund of the entire purchase price or a replacement of the product at aFe's discretion. Purchaser shall be responsible for the cost of shipping the defective product to aFe. An RGA number can be obtained by calling aFe customer service. Products shipped without an RGA number will be refused. A refund or replacement of the product shall be the sole remedy available under this limited warranty and aFe shall not be responsible for consequential or incidental damages. (Some states do not allow this exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply). This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.



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