

## advanced FLOW engineering

Takeda Momentum Cold Air Intake System

**Instruction Manual** P/N: 56-70010D / 56-70010R



Make: Subaru Model: Crosstrek Year: 2018-2020 Engine: H4-2.0L



- 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.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

## Retain factory parts for future use.

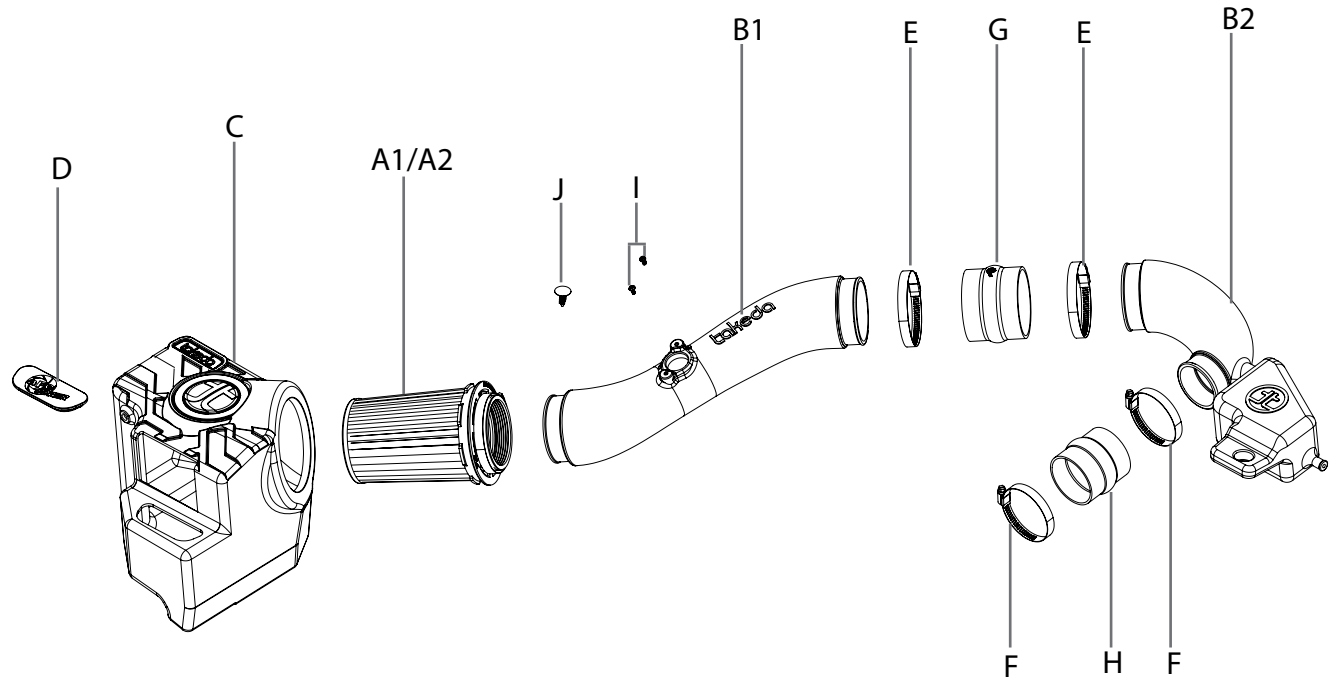
Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro DRY S)	21-91103 (Grey Media)
A2	1	Air Filter (Pro 5R)	24-91103 (Blue Media)
B1	1	Tube 1 of 2	05-5670010B1
B2	1	Tube 2 of 2	05-5670010B2
C	1	Housing	05-5670010B3
D	1	Plug, Airbox	05-00937
E	2	Clamp, #056	03-50009
F	2	Clamp, #044	03-50019
G	1	Coupling, Silicone Hump: 3.5"	05-01264
H	1	Coupling, Silicone Hump: 2.75"	05-01501
I	2	Screw, Torx: M4	03-50491
J	1	Retainer, Clip	03-50616

Installation will require the following tools:

Flat head screw driver, ratchet, 10mm socket, extension, 8mm nut driver and T20 torx driver.

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

Emissions Disclaimer: This product is not currently CARB exempt and is not available for purchase in California or for use on any vehicle registered with the California Department of Motor Vehicles.





FigureA

Refer to Figure A for Step 1

Step 1: Disconnect the Mass Air Flow (MAF) sensor harness. ①



Figure B

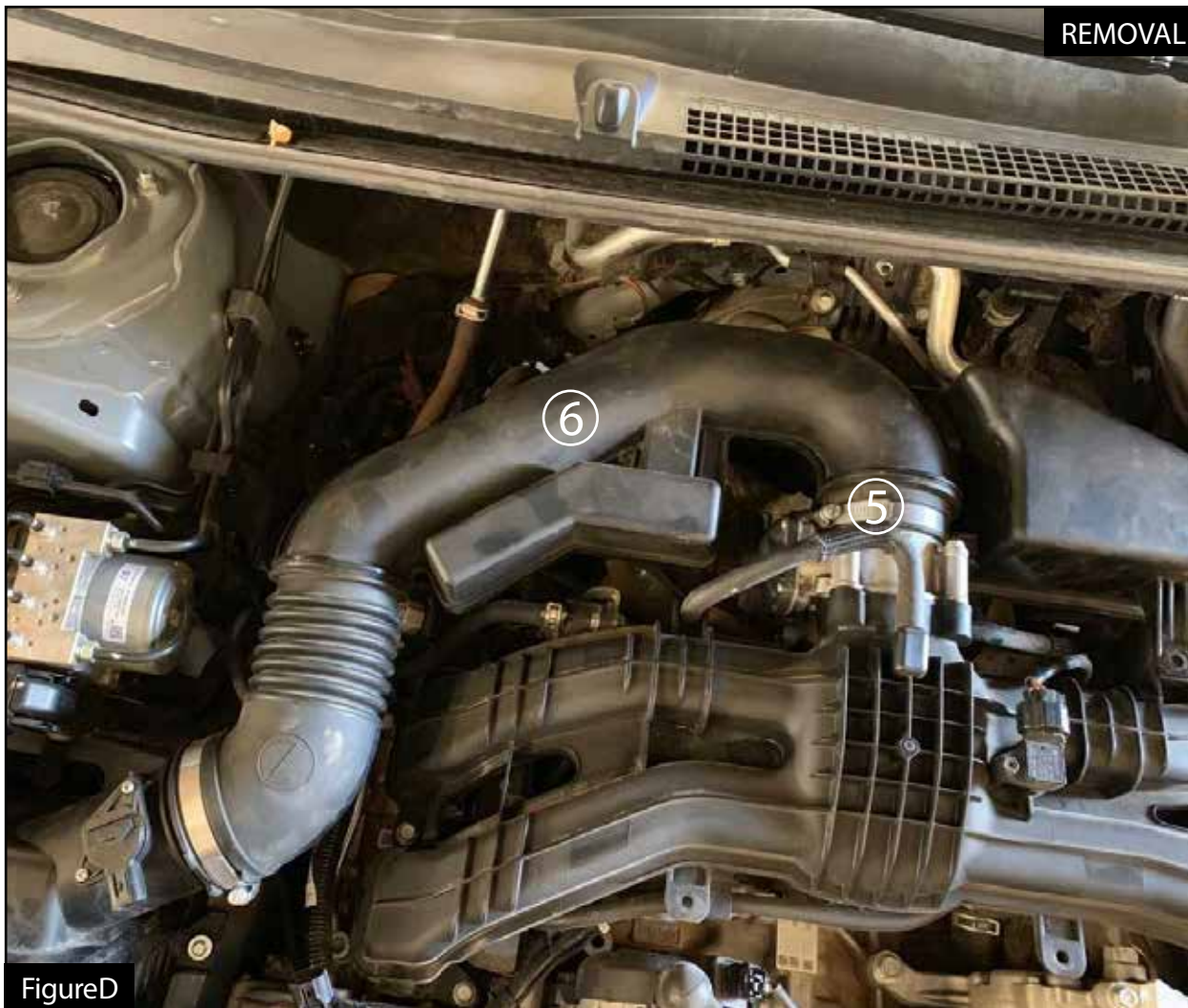
Refer to Figure B for Step 2

Step 2: Using a pair of pliers, go to the Vacuum hose and slide down the vacuum hose clip ② then disconnect the Vacuum hose ③



Refer to Figure C for Step 3

Step 3: Remove the clip ④ from the intake manifold using a flat head screwdriver.



FigureD

Refer to Figure D for Step 4

Step 4: Loosen the hose clamps⑤ on the throttle body and the air filter box using an 8mm nut driver then remove the intake tube⑥ from the vehical.



Figure E

Refer to Figure E for Step 5

Step 5: Remove the two body clips ⑦ from the air scoop using a flat head screwdriver, remove the air scoop ⑧ by pulling up.





Figure F

Refer to Figure F for Step 6

Step 6: Unclip the two clips ⑨ from the airbox, remove the airbox lid and filter from the airbox.



FigureG

Refer to Figure G for Step 7

Step 7: Remove the two screws (10) and nut from the airbox using a 10mm socket, then remove the stock airbox. Set aside the screws and nut (11) for later use.



FigureH

### Refer to Figure H for Steps 8-9

Step 8: Push the two steel inserts from the bushings, then remove the bushings from the airbox. Set the bushings and inserts aside for later use. ⑫

Step 9: Using a 10mm socket remove the nut holding the isolator mount, set aside the nut and isolator mount for later use



Figure I

Refer to Figure I for Step 10

Step 10: Install bushings onto the bottom of the Takeda airbox, and then install the two metal inserts into the bushings.

INSTALL



Figure J

Refer to Figure J for Step 11

Step 11: Install the isolation mount (13) into the Takeda airbox with the boss facing the Takeda airbox, reuse the nut to install back into the Takeda airbox using a 10mm socket. \*take note of the isolation mount tabs.



FigureK

Refer to Figure K for Step 12

Step 12: Place the Takeda airbox (14) into the vehicle with the isolation mount (15) into the chassis.

INSTALL



Figure L

Refer to Figure L for Step 13

Step 13: Install the two screws (16) on the bottom of the airbox into the bushings using a 10mm socket.



FigureM

Refer to Figure M for Step 14

Step 14: Install the nut into the isolation mount using 10mm socket.





Figure N

Refer to Figure N for Step 15

Step 15: Place filter ①7 into airbox, make sure the filter snaps in and is properly seated.

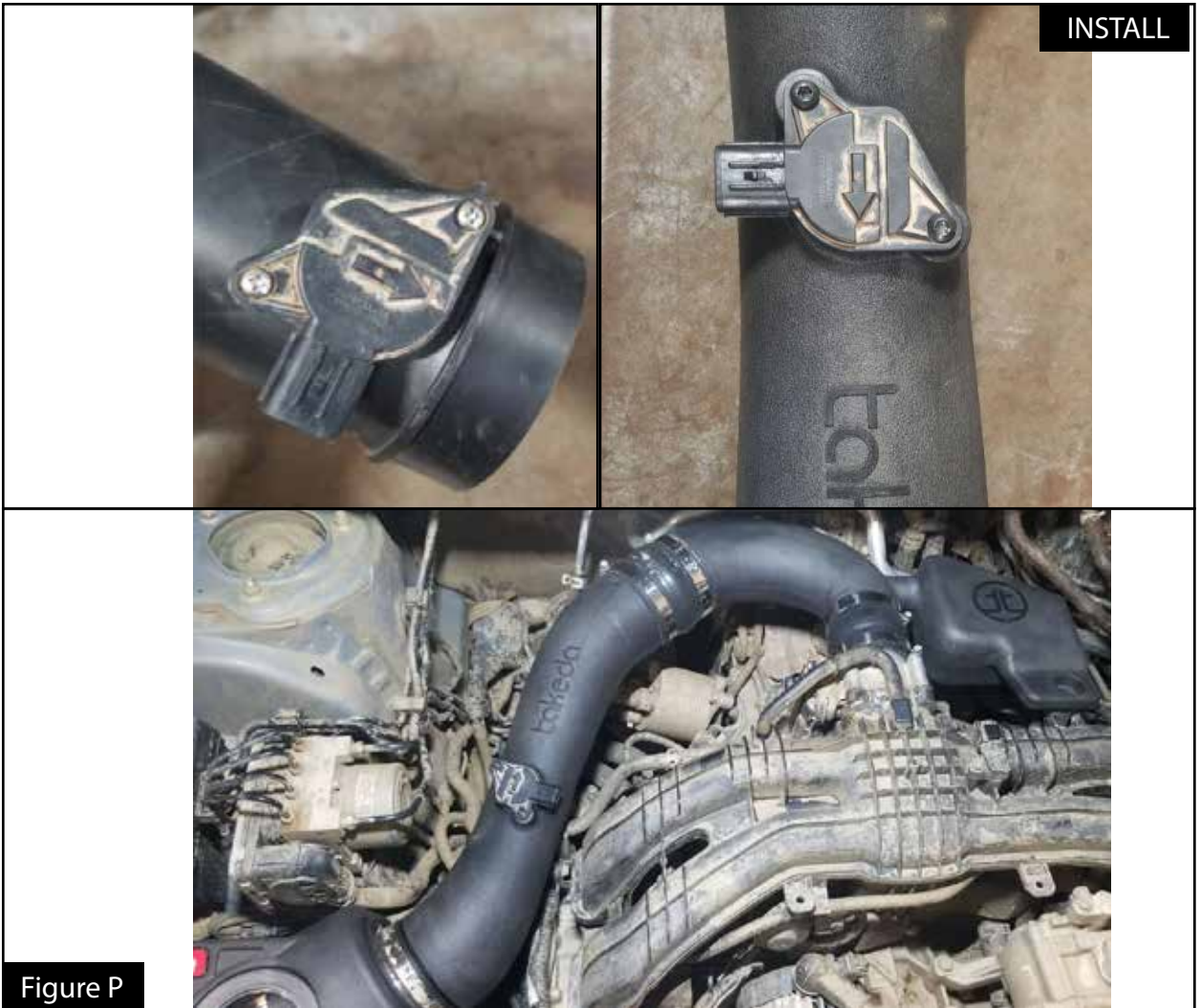


Figure O

Refer to Figure O for Steps 16-17

Step 16: Install the 05-01264 coupling (18) onto the larger end of the B1 tube with hose clamp. Do not tighten hose clamp yet.

Step 17: Install the 05-01501 coupling onto (19) the small end of the B1 tube with hose clamp. Do not tighten hose clamp yet.



### Refer to Figure P for Steps 18-19

Step 18: Using a Philips screw driver remove the MAF sensor off the stock airbox lid, and then transfer the MAF sensor onto the Takeda intake tube using the provided screws.

Step 19: Install the Intake tube into the coupling with the hose clamp, but do not tighten hose clamp yet. Slide the other end of the intake tube into the air filter with the hose clamp. Do not tighten hose clamp yet.



Figure Q

Refer to Figure Q for Steps 20-21

Step 20: Install Vacuum hose onto port ②①, using a pair of pliers move the clip up to secure the vacuum hose in place.

Step 21: Install the body clip ②① into the intake tube.

INSTALL



Figure R

Refer to Figure R for Steps 22-24

Step 22: Tighten all hose clamps from on air filter, and other two couplings that are attached to the intake tubes.

Step 23: Re-connect the MAF sensor.

Step 24: Install the factory air scoop using the factory body clips. Make sure all clamps and connections are secured. Your installation is now completed. Thank you for choosing Takeda USA!

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



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