

## advanced FLOW engineering

### Instruction Manual P/N: 77-46601

Make: **Honda**

Model: **Civic**

Year: **2016-2021**

Engine: **L4-1.5L Turbo**

Make: **Honda**

Model: **Civic Si**

Year: **2017-2020**

Engine: **L4-1.5L Turbo**

Make: **Honda**

Model: **Accord**

Year: **2018-2021**

Engine: **L4-1.5L Turbo**

Make: **Honda**

Model: **Accord**

Year: **2018-2021**

Engine: **L4-2.0L Turbo**



- 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.

Label	Qty.	Description	Part Number
A	1	Module	R77-46601
B	1	LED Switch	05-70029
C	2	Velcro (2" Inches)	05-01244
D	4	Cable Ties	05-60167

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

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.





# SLEEP MODE

Figure A

## **Refer to Figure A for Step 1.**

Step 1: Before installing your aFe module, you will have to place your vehicles ECU in sleep mode. In order to do this you will need to do the following:

- If the engine is cold, open the hood, close the doors lock the car and wait 30 seconds.
- If the engine is warm, open the hood, close the doors lock the car and wait 20 minutes.
- If the engine is warm and you can't wait 20 minutes, disconnect the battery.

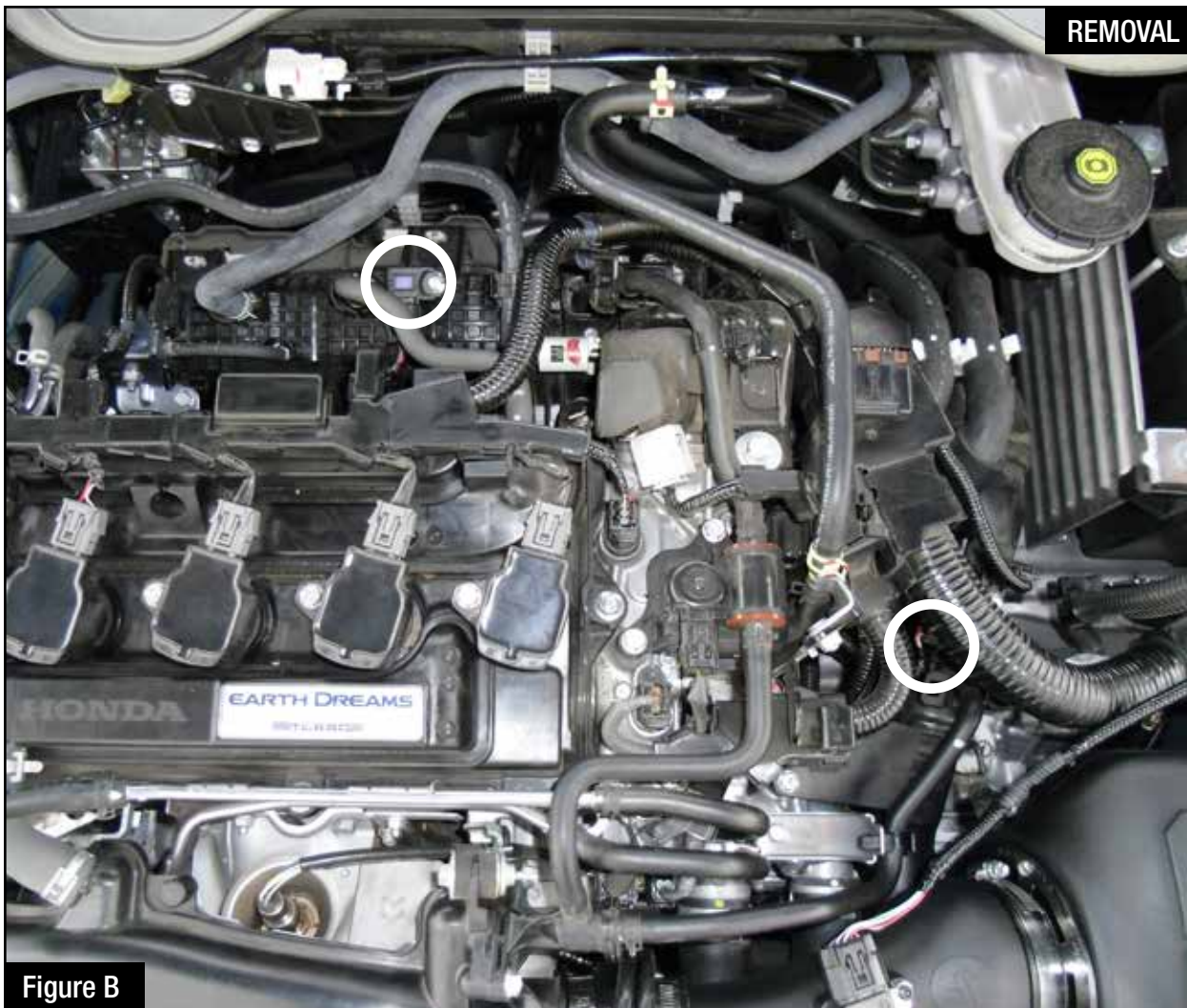
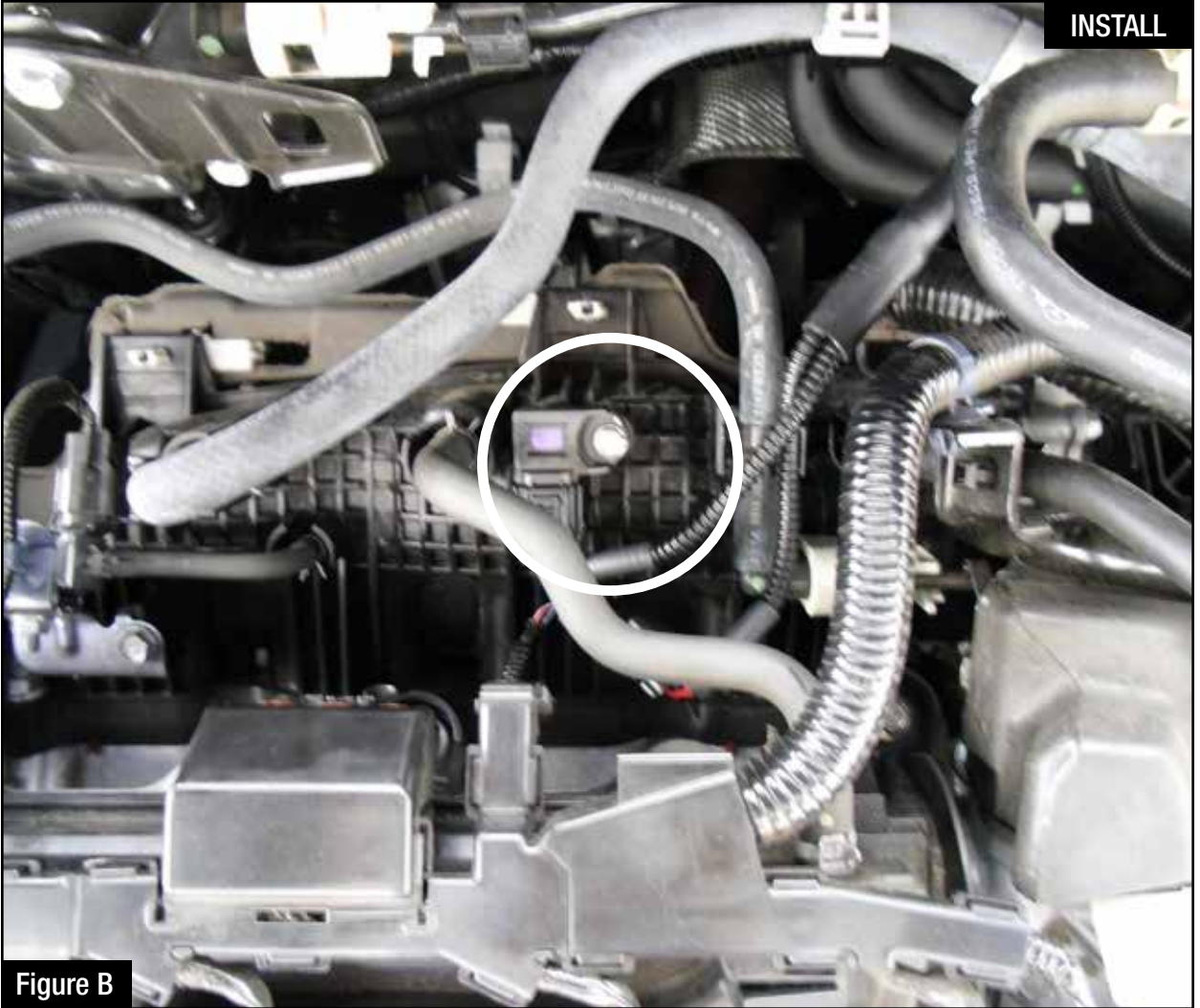


Figure B

**Refer to Figure B for Step 2.**

Step 2: Locate the MAP and TMAP sensors. The MAP sensor is located on top of the intake manifold. TMAP is located on the charge pipe between the battery and the engine.

**Figure B****Refer to Figure B for Steps 3-4.**

Step 3: Locate and disconnect the MAP sensor, on top of the intake manifold.

Step 4: Locate the MAP sensor jumper harness on the aFe module. This is the longer harness. Plug the female connector of the module into the stock MAP sensor, then take the male connector of the module and connect to the female connector of the engine harness.



**Note: Make sure connections are fully engaged. Usually, connectors make a snapping sound when fully engaged.**



Figure C

**Refer to Figures C for Steps 5-6.**

Step 5: Disconnect the TMAP sensor.

Step 6: Locate the TMAP sensor jumper harness on the aFe module. This is the shorter harness. Plug the female connector of the module into the stock TMAP sensor, then the male connector of the module female connector of the engine harness.



Figure D

**Refer to Figure D for Steps 7-8.**

Step 7: Carefully route the switch cable behind the center console.

Step 8: Mount the Switch on an open, flat surface.





Figure E

**Refer to Figure E for Step 9.**

Step 9: Route the switch cable through firewall and into the engine bay. Plug the end of the cable to the module.



Figure F

**Refer to Figure F for Step 10.**

Step 10: Mount the module in a safe location, using the supplied Velcro strip. Then, secure the wires and module away from any extreme heat and moving parts, with the provided ties.



**Note: Make sure connections are fully engaged. Usually, connectors make a snapping sound when fully engaged.**

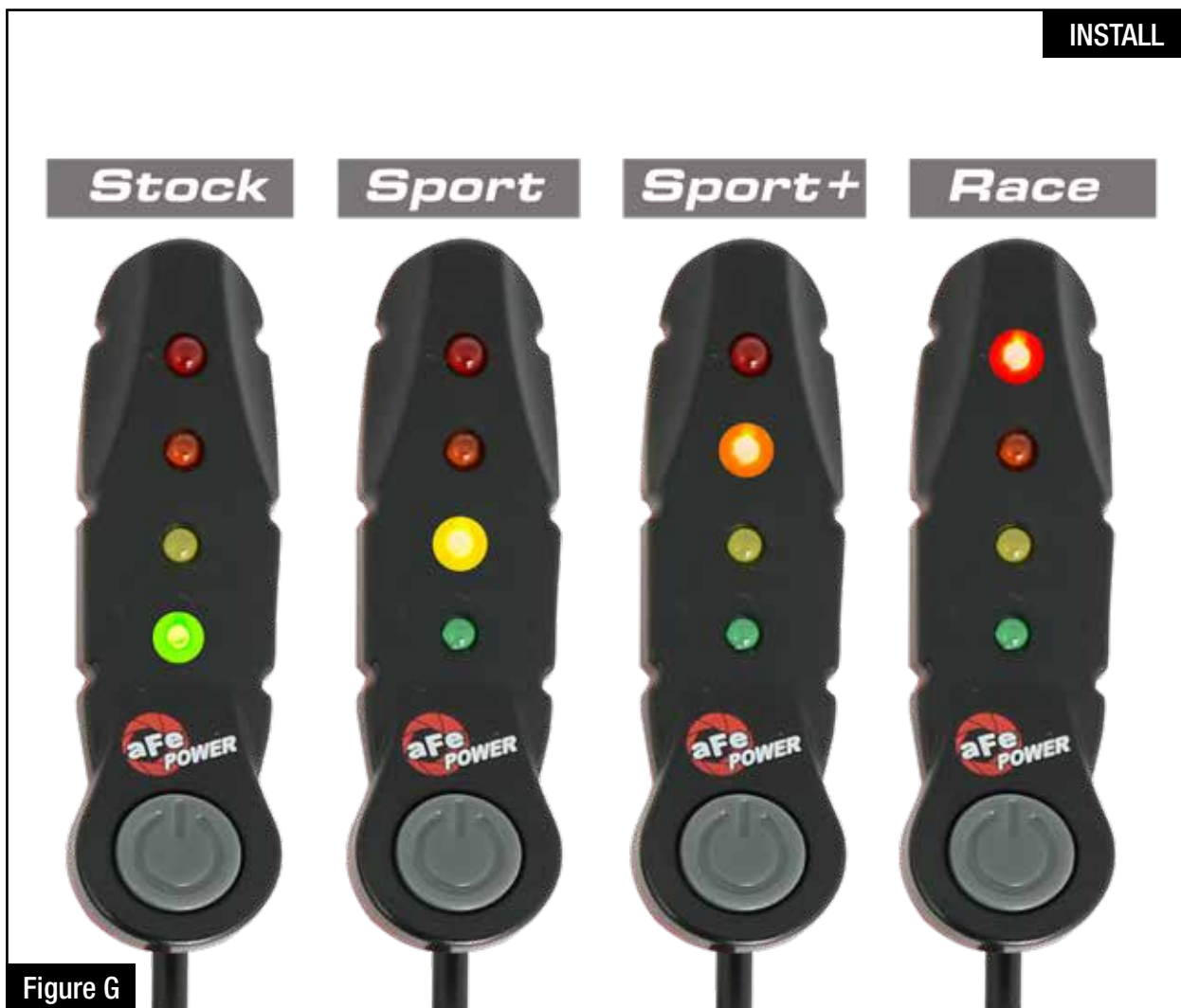


Figure G

**Refer to Figure G for Step 11.**

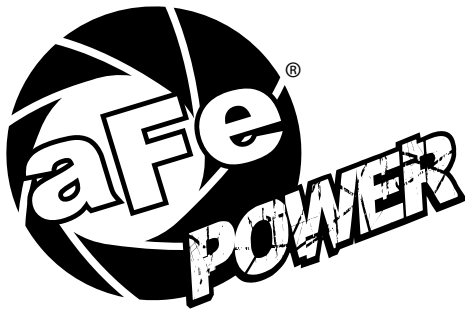
Step 11: When turning on the vehicle, each LED will flash. It will stop at its last setting.

The LED on the switch represents the different level of power.

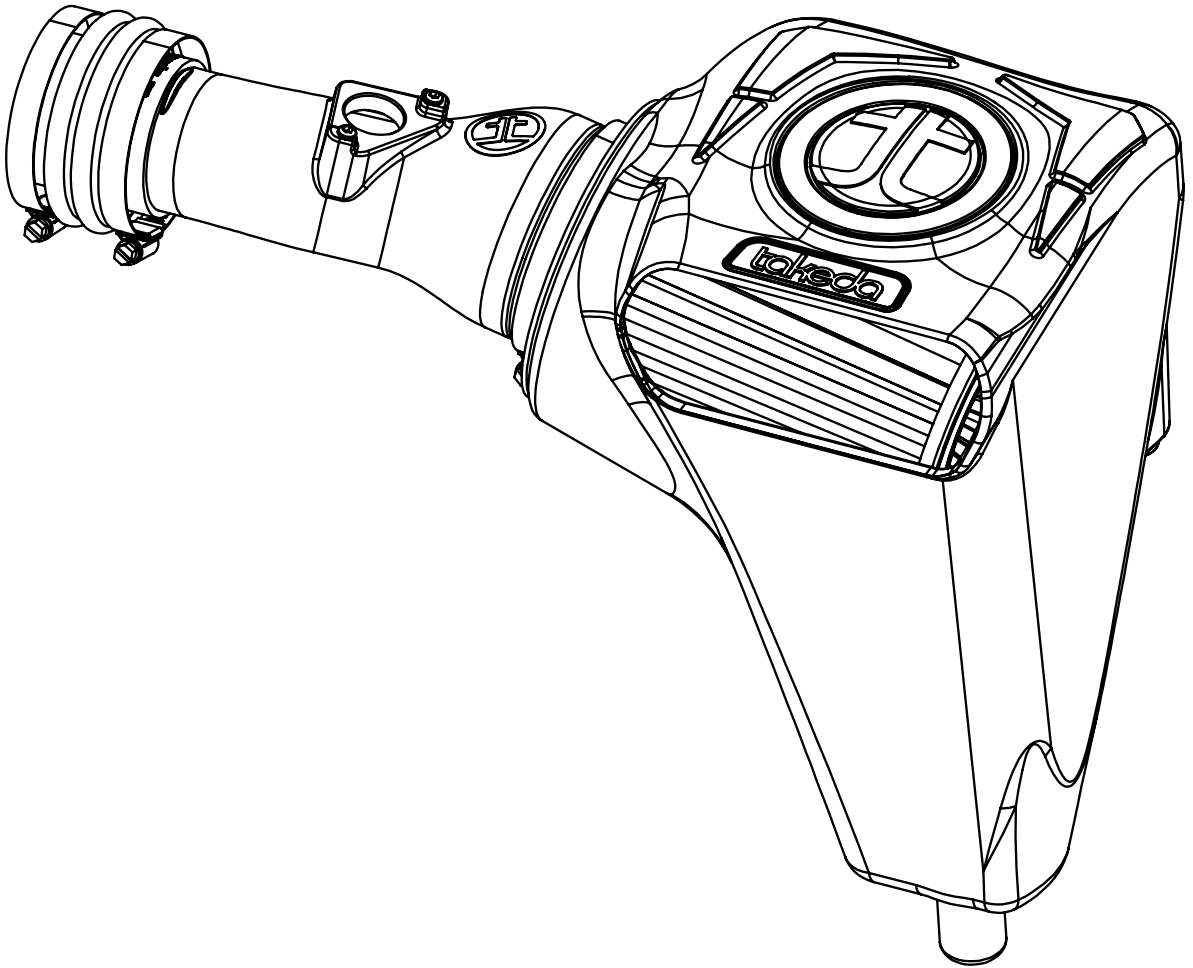
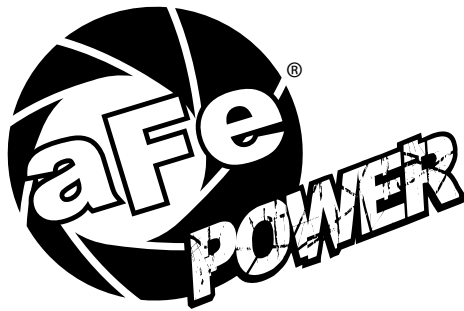
- Green LED: Stock
- Yellow LED: Sport
- Orange LED: Sport+
- Red LED: Race

Use the grey button to select the desired setting. Power adjustments can be done at any moment.

Thank you for choosing aFe POWER!



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## advanced FLOW engineering

Takeda Momentum Air Intake System

**Instruction Manual** P/N: TM-1024B-D / TM-1024B-R



Make: **Honda** Model: **Civic** Year: **2016-2021** Engine: **L4-1.5L Turbo**



- 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.

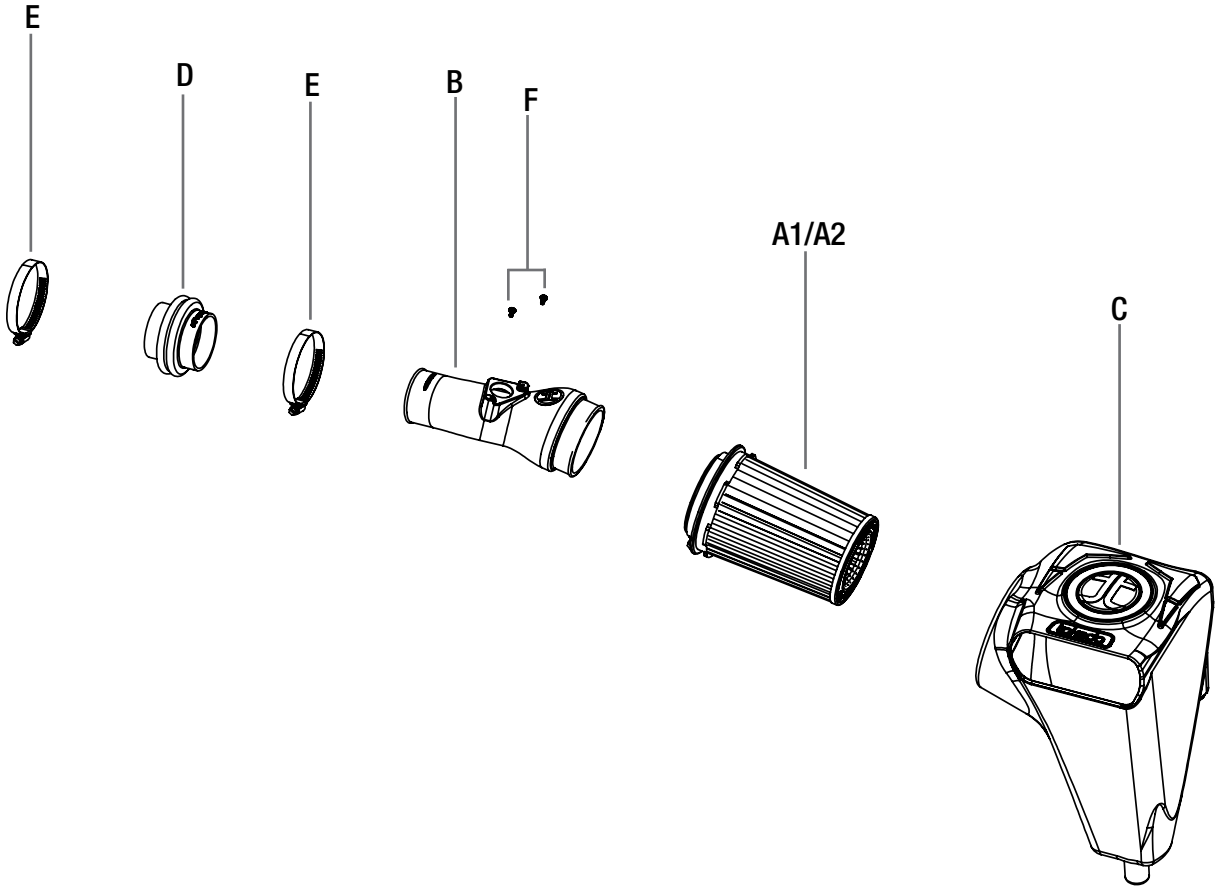
Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro DRY S)	21-91103 (Grey Media)
A2	1	Air Filter (Pro 5R)	24-91103 (Blue Media)
B	1	Tube	05-T1024B1
C	1	Housing	05-T1024B2
D	1	Coupling, Silicone	05-01410
E	2	Clamp, #044	03-50019
F	2	Screw, Torx: M4	03-50491

### Installation will require the following tools:

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



**Figure A****Refer to Figure A for Steps 1-4**

Step 1: Disconnect the MAF sensor harness, with a small flat head screwdriver unclip the harness holder and release it from the air box.

Step 2: Loosen the clamp on the factory intake tube connecting to the turbo inlet tube.

Step 3: Remove the two 10mm bolts retaining the factory housing.

Step 4: With an upward motion remove the factory intake system out of the vehicle.





Figure B

**Refer to Figure B for Step 5**

Step 5: Transfer one of the factory grommets onto the Takeda Housing with the metal insert



**Refer to Figure C for Steps 6-7**

Step 6: Install the Takeda housing into the vehicle assure the factory grommet has not moved from the factory resonator.

Step 7: Secure the housing with one of the factory bolts removed previously.



Figure D

**Refer to Figure D for Steps 8-10**

Step 8: With a small flat head screwdriver, un-clip the four (x4) tabs and open the wire cover.

Step 9: Re-route the wire harness to add more length.

Step 10: Close the wire cover.



Figure E

**Refer to Figure E for Step 11**

Step 11: Slide the Takeda air filter into the Takeda housing, assure the filter tabs are locked on the housing.

**Figure F****Refer to Figure F for Steps 12-13**

Step 12: Transfer the MAF sensor from the factory housing to the Takeda intake tube with the supplied screws.

Step 13: Install the reducer coupling onto the Takeda intake tube with clamps, assure the larger opening on the coupling stops on the retain hump. Tighten clamp on tube.

**Figure G****Refer to Figure G for Steps 14-16**

Step 14: Slide the tube into the air filter first then onto the turbo inlet, align tube then tighten clamps.

Step 15: Re-connect MAF sensor harness.

Step 16: 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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