



advanced FLOW engineering

Instruction Manual P/N: 77-43010

Make: **Ford** Model: **Focus ST** Year: **2013-2014** Engine: **L4-2.0L EcoBoost**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- 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	R77-43010
B	1	Velcro (2 Inches)	05-01244
C	4	Cable Ties	05-60167

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.





Refer to Figure A for step 1-3

Sleep Mode

Before installing your aFe Module you will have to place your vehicles ECU in sleep mode. In order to place your vehicles ECU in sleep mode you will need to do the following:

- Sep 1: If the engine is cold, open the hood, close the doors, lock the car and wait 30 seconds
- Step 2: If the engine is warm, open the hood, close the doors, lock the car and wait 20 minutes
- Step 3: If the engine is warm and you can't wait 20 minutes, disconnect the battery

Locating you MAP and CACT sensor

The MAP sensor is located on the elbow connecting to the OE air box. The CACT sensor is located on the intercooler inlet side under the passenger side headlight. Notice both sensors look very similar **MAKE SURE** you do not plug the jumper harness to the wrong sensor.



Figure B

Refer to Figure B for steps 4-5

Step 4: Remove the engine cover.

Step 5: Unplug your MAP sensor first located on the elbow connecting to the OE air box.



Refer to Figures C for steps 6-7

Step 6: Locate your MAP jumper harness on your aFe module. It is the 2 wire harness with grey and black colored wires.

Step 7: Plug the large connector on to the stock engine harness and the small connector to the MAP sensor.

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

Step 8: Unplug your CACT sensor second located on the intercooler inlet side under the passenger headlight.

Step 9: Locate your CACT jumper harness on your aFe module it is the 4 wire harness with a violet and green colored wires.

Step 10: Plug the large connector on to the stock engine harness and the small connector to the CACT sensor.

**Figure E****Refer to Figure E for steps 11-12****Securing the Module**

Step 11: With the supplied Velcro find a flat clean surface to locate and secure your aFe module. Neatly zip tie your aFe module harness on to your stock harness.

Step 12: Re-install the engine cover. The blue LED light indicates that all processes are complete and ready to go. Your installation is now complete! Thank you for choosing aFe Power!