

advanced FLOW engineering

Instruction Manual P/N: 77-46401 & 77-46402

Make: **Volkswagen** Model: **Jetta TDI** Year: **09-11** Engine: **L4-2.0L (td)**

Make: **Volkswagen** Model: **Golf TDI** Year: **2011** Engine: **L4-2.0L (td)**



- 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	Module	05-46401
B	1	Wire Harness	N/A
C	1	Key Fob	N/A
D	1	Antenna Unit	N/A
E	1	Module Bracket	05-60110

Installation will require the following tools:
T20 Torx (Furnished), Phillips Screw Driver & 1/4" Nut Drive

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 step 1

Step 1. Remove the engine cover to access the fuel rail. ①



Figure B

Refer to Figure B for step 2

Step 2. Disconnect the OE wire harness from the fuel rail. ②

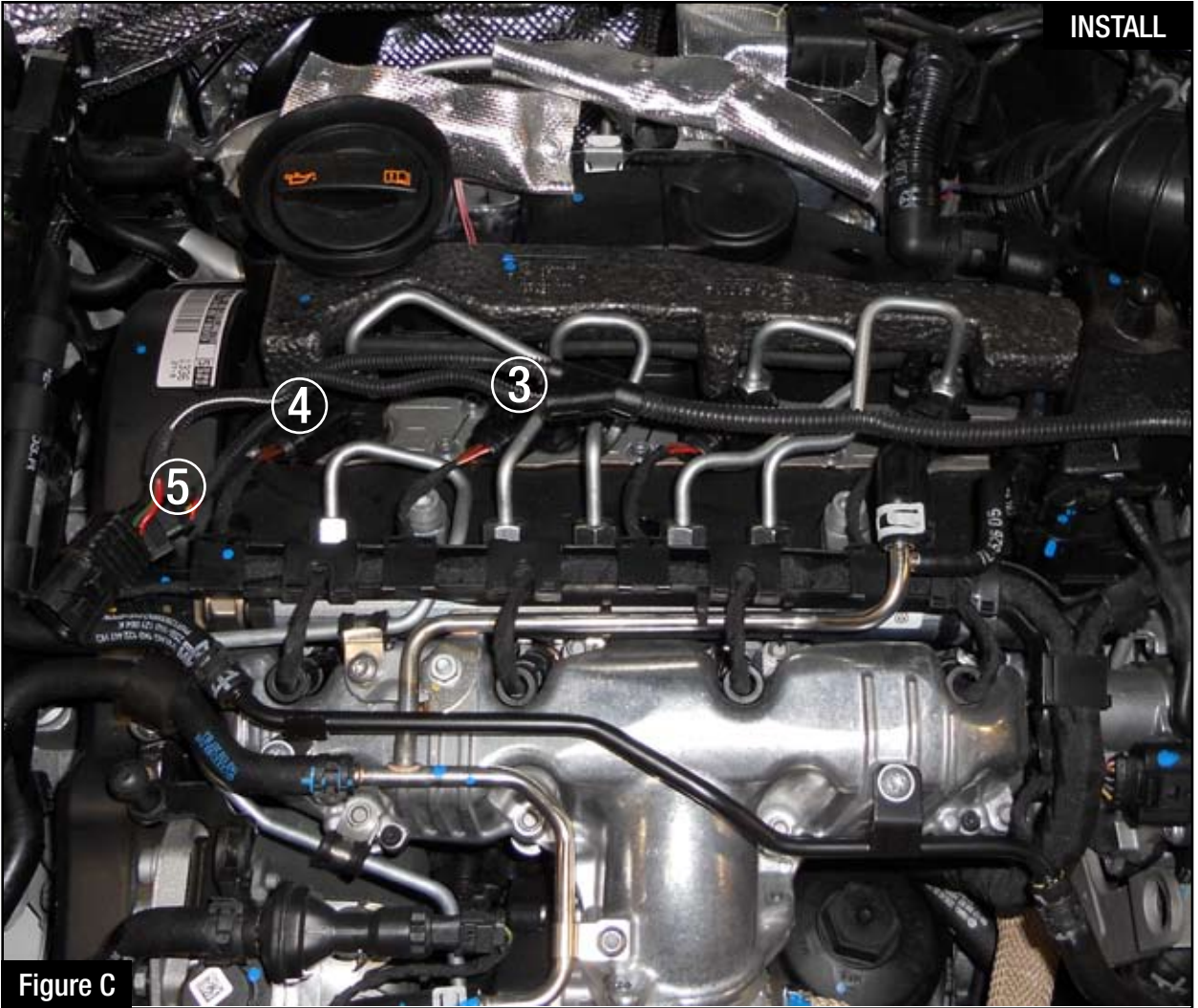


Figure C

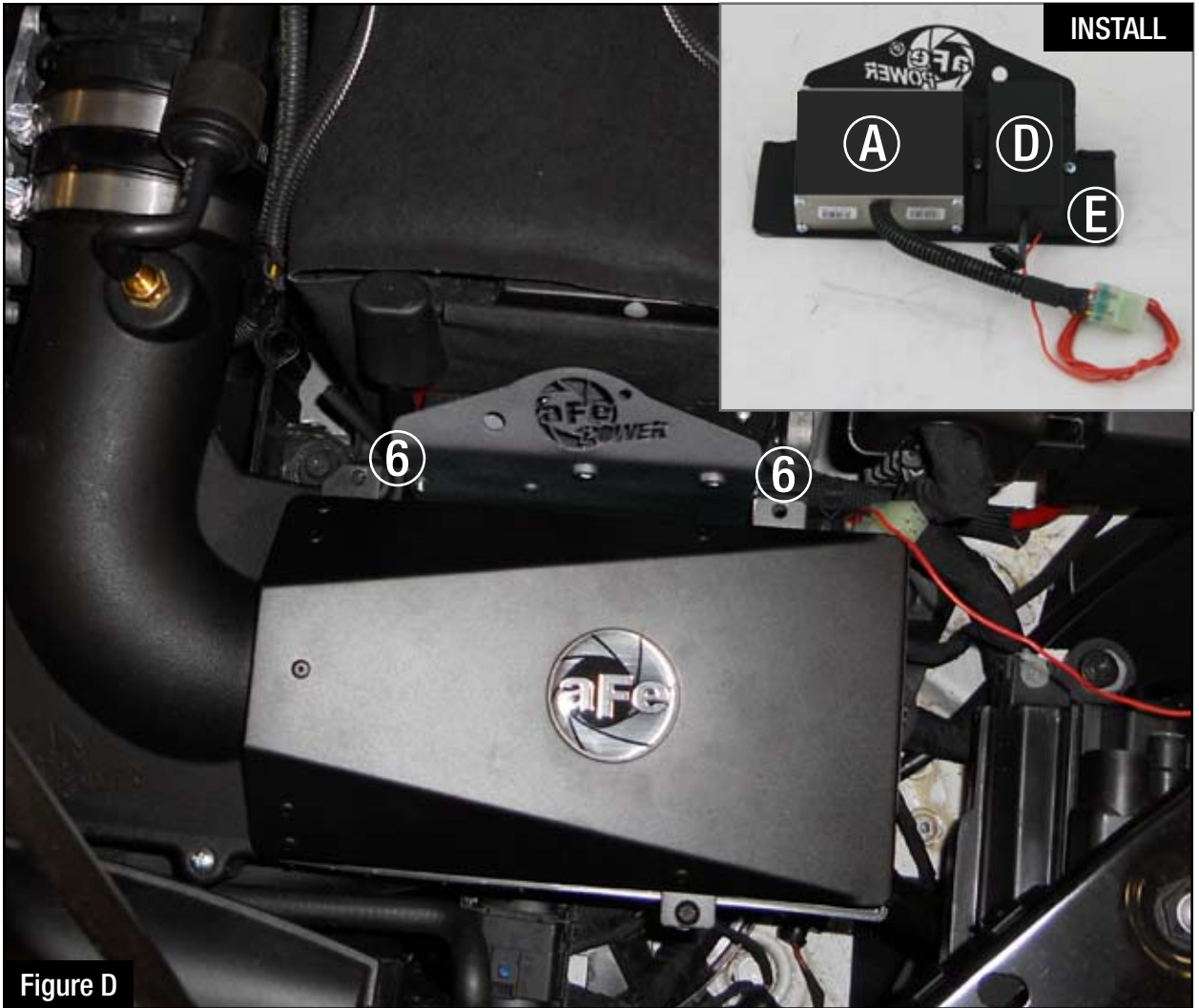
Refer to Figure C for steps 3-5

Step 3. Install the supplied wire harness on top of the fuel rail. ③

Step 4. Connect the supplied wire harness to the fuel rail. ④

Step 5. Connect the OE wire harness to the supplied wire harness. ⑤

* Refer to the wiring diagram on page 11



Refer to Figure D for steps 6-8

Step 6. Remove the two screws securing the air filter cover. (6)

Step 7. Assemble Control Module (A) & Antenna unit (D) on to bracket (E) (see inset) .

Step 7. Connect the wire harness to the control module.

Step 8. Connect the control module to the antenna unit.

Note: Vehicle Shown has an aFe air intake system installed. Installation is the same for a vehicle with an OE intake system.

* Refer to the wiring diagram on page 11

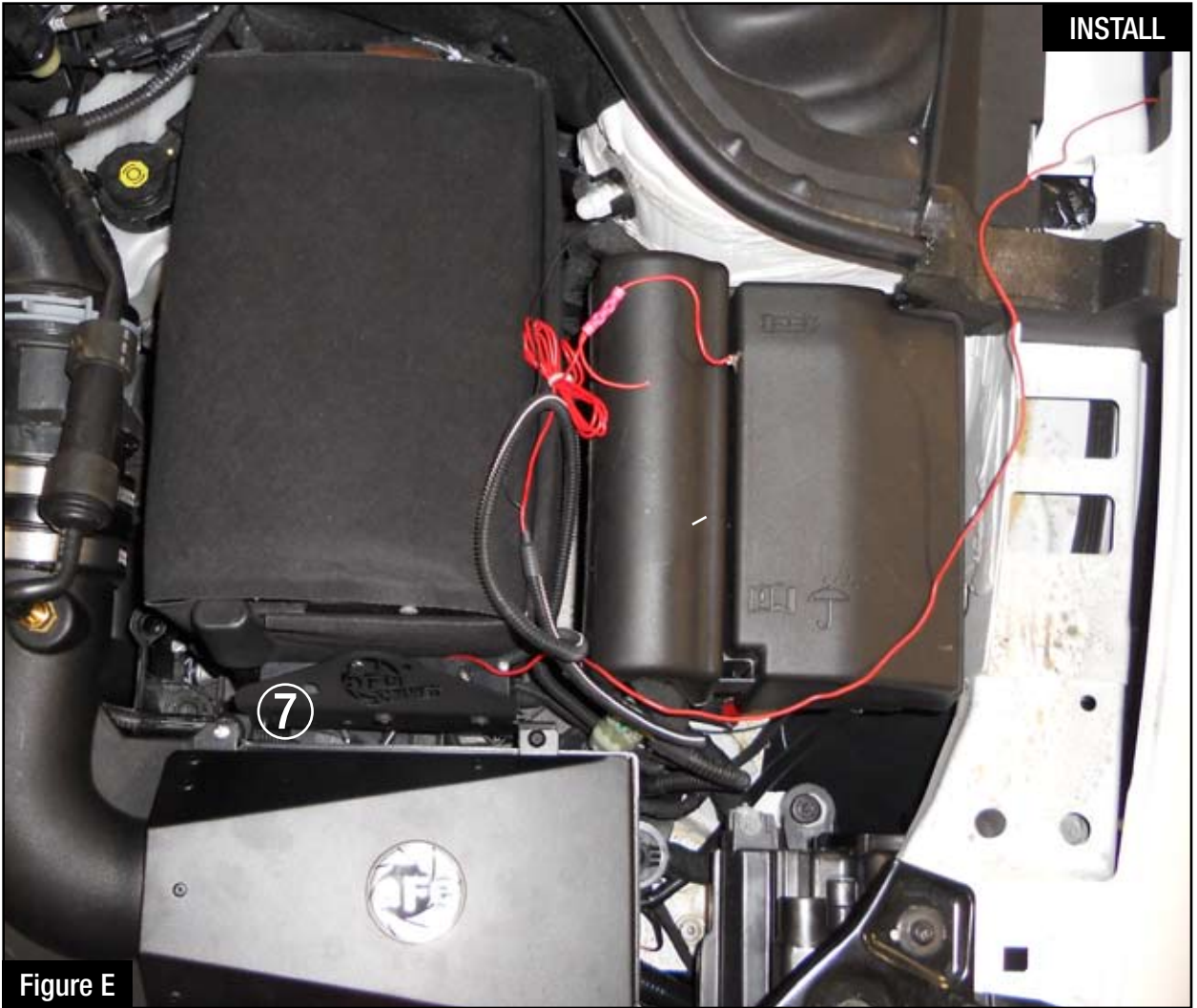


Figure E

Refer to Figure E for step 9

Step 9. Install the module assembly and secure with the screws removed in the previous step. ⑦



Figure F

Refer to Figure F for steps 10-11

Step 10. Connect the red wires to the positive (red) battery terminal.

Step 11. Connect the black wire to the negative (black) battery terminal.

* Refer to the wiring diagram on page 11



Figure G

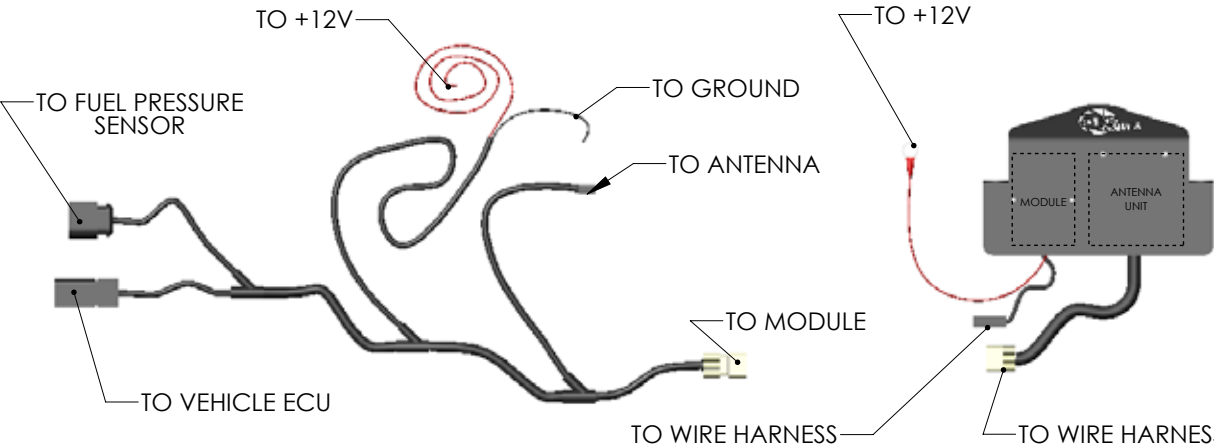
Refer to Figure G for steps 12-14

Step 12. Replace the engine cover.

Step 13. Turn the unit on by holding the “on” button on the remote control until the flashing light stops blinking.

Step 14. Start the vehicle.

WIRE DIAGRAM





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aFe Power Hat



P/N: 40-10114 S/M
P/N: 40-10115 L/XL

aFe Key Chain



P/N: 40-10103

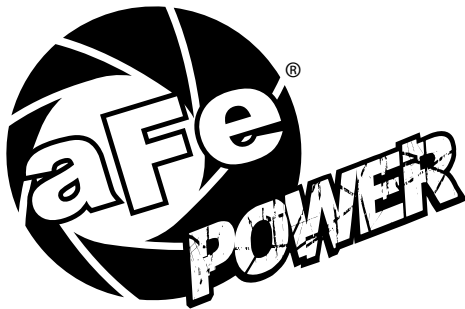
Warranty

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	2 years
Air Intake Systems	50, 51, 54, 55, 75	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
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
Tuner	77	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.



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