



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER

21-763C (Gun Metal Grey Finish)

2011-2014	VOLKSWAGEN	JETTA	2.0L DSL
2015-2017	VOLKSWAGEN	TIGUAN	2.0L TURBO

Not legal for sale or use on any pollution controlled motor vehicle in California or states adopting California emission procedures. See AEMIntakes.com for CARB status on each part for a specific vehicle.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	2-1542C	TUBE; 3.5" X 9"L, AL, 21-763, VW SPORTWAGEN TDI	1
2	20-8559	HEAT SHIELD; 2010-2014 VW SPORTWAGEN TDI	1
3	21-2147DK	AIR FILTER; 3.5" X 7" DRYFLOW	1
4	102470	EDGE TRIM; 3/4 BULB, TOP LOC, 57"L	1
5	08620K	1/2" HOSE CLAMP, 3.15" - 4.00"	3
6	08657	HOSE; 3.25" ID - 3.50" ID; EPDM 50	1
7	784645	GROMMET, PCV 3/4" ID 1-3/8" OD	2
8	1228598	MOUNT, RUBBER 5/8" X 6MM	1
9	08160	WASHER; 1"D X 1/4" HOLE FENDER	1
10	444.460.04	NUT; M6 HEX SERRATED	1
11	AEM-8-138	VACUUM CAP; 3/16" X 1/2"	1



Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

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|---|
| Tools Needed:
Philipps screw driver
Pliers
T30 Torx bit
10mm socket
Socket driver |
|---|

1. Preparing Vehicle

- a. Make sure vehicle is parked on level surface.
- b. Set the parking brake.
- c. If engine has run in the past two hours, let it cool down.
- d. Disconnect negative battery terminal.
- e. Do not discard stock components after removal of the factory system.
- f. Open the air intake kit package and make sure all parts are included.

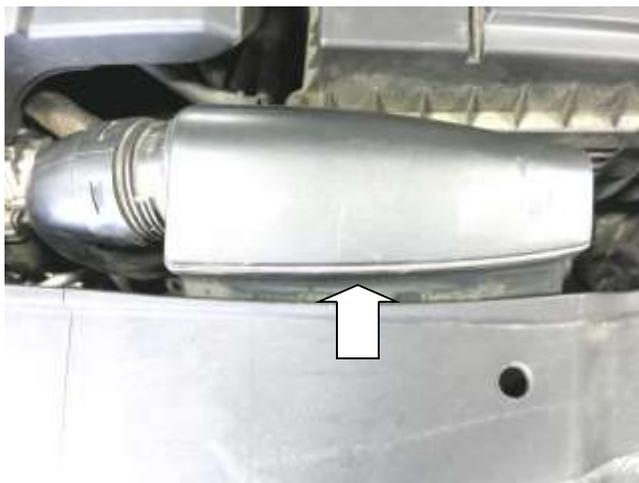
2. Removal of stock system



a. Disengage the MAF sensor electrical connector from the MAF sensor.



b. Disconnect the vacuum line from the factory air inlet tube.



c. Unclip and remove the fresh air scoop from the air inlet and separate it from the lower air duct to the air box.



d. Remove the bolt that secures the air box to the air box tray.



e. Squeeze the spring clamp on the factory air inlet tube with a pair of pliers and release the MAF sensor from the tube.



f. Disconnect the air duct from the lower air box and remove from vehicle. **Note: Removing the duct allows for easier air box removal.**



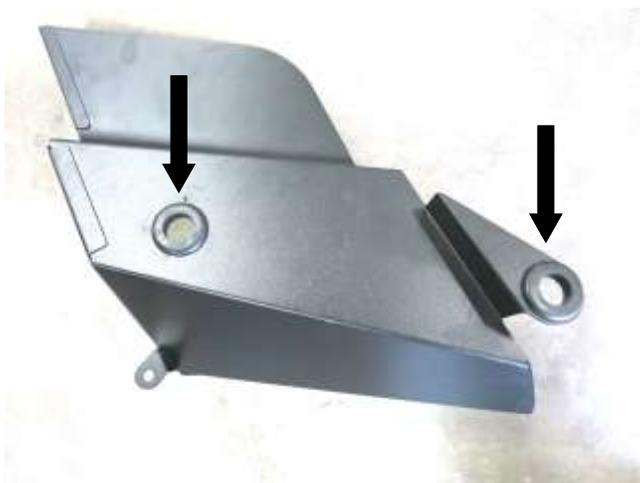
g. Pull up on the air box to disengage it from the tray and remove it from the vehicle. **Note: The smaller hose connected to the lower air box is a water drain.**



h. Remove the two screws securing the fresh air inlet to the core support and remove it from the vehicle.

3. Installation of AEM® intake system.

a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



a. Install the supplied rubber grommets into the 2 holes on the heat shield.



b. Install the supplied rubber edge trim around the heat shield as shown.



c. Remove the MAF sensor from the factory air box. The MAF sensor is secured with 2 Philips screws.



d. Install the MAF sensor into the factory turbo inlet hose. **Note: Pay attention to the air flow direction, the screen side of MAF sensor should face the front of the vehicle.**



e. Install the heat shield assembly into the vehicle by fitting the grommets over the posts on the air box tray. Fully seat grommets on post. Fitment will be tight.



f. Install the supplied rubber mounted stud over the heat shield tab into the threaded boss on the air box tray.



g. Install the supplied coupler, clamps, and intake tube onto the factory MAF sensor and align the tube bracket to the rubber mounted stud.



h. Install the supplied M6 nut and washer over the rubber mounted stud but do not fully tighten.



i. Install the AEM air filter onto the intake tube and tighten the hose clamp slightly.



j. Connect the MAF sensor electrical connector to the MAF sensor.



k. Connect the vacuum line to the fitting on the AEM intake tube. Cap off the port with supplied cap if your application does not have the vacuum line.



l. When the intake tube is properly aligned, tighten all hose clamps and tighten the M6 nut securing the intake tube bracket.



m. Stock intake system



n. AEM air intake system installed

4. Reassemble Vehicle

- a. Position the inlet pipes for the best fitment. Be sure that the pipes or any other components do not contact any part of the vehicle.
- b. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- c. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- d. Reconnect negative battery terminal and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

5. Service and Maintenance

- a. AEM Induction Systems requires cleaning the intake system's air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean, purchase our Synthetic air filter cleaner, part number 1-1000 and follow the easy instructions.
- b. Use window cleaner to clean your powder coated AEM[®] intake tube.

NOTE: DO NOT USE aluminum polish on powder coated AEM[®] intake tubes.

For technical inquiries
e-mail us at
sales@aemintakes.com
or
call us at
800.992.3000

AEM Air Intake System Warranty Policy

AEM® warrants that its intake systems will last for the life of your vehicle. AEM® will not honor this warranty due to mechanical damage (i.e. improper installation or fitment), damage from misuse, accidents or flying debris. AEM® will not warrant its powder coating if the finish has been cleaned with a hydrocarbon-based solvent. The powder coating should only be cleaned with a mild soap and water solution. Proof of purchase of both the vehicle and AEM® intake system is required for redemption of a warranty claim.

This warranty is limited to the repair or replacement of the AEM® part. In no event shall this warranty exceed the original purchase price of the AEM® part nor shall AEM® be responsible for special, incidental or consequential damages or cost incurred due to the failure of this product. Warranty claims to AEM® must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is nontransferable. Improper use or installation, use for racing, accident, abuse, unauthorized repairs or alterations voids this warranty. AEM® disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by AEM®. Warranty returns will only be accepted by AEM® when accompanied by a valid Return Merchandise Authorization (RMA) number. Credit for defective products will be issued pending inspection. Product must be received by AEM® within 30 days of the date RMA is issued.

If you have a warranty issue, please call (800) 992-3000 and our customer service department will assist you. A proof of purchase is required for all AEM® warranty claims.

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