

# BSH TSI RACE INTAKE



Thank you for purchasing a BSH TSI Race Intake Kit. The kit should include the following components.

Please make sure they are all in the box before continuing. If you bought any additional upgrades their specific parts list will be included separately. Required tools are not included.

This kit should only be installed by a professional. This guide is only meant as an outline and is not intended to teach a novice how to do the job. If you are unsure of your ability stop and take your car to a professional.

## **Parts:**

- BSH TrueSeal Airbox (1)
- BSH Intake Pipe (1)
- BSH Filter (1)
- BSH Silicone Hose (1)
- TrimLock (3)
  - with rubber (2)
  - without rubber (1)
- Large Hose Clamp (1)
- Small Hose Clamp (1)
- Airbox Washers (2)
- Airbox Bolt (1)
- MAF Screws (2)



# TSI Race Intake

TSI MKV/MKVI GTI; MKVI GLI;  
2010 PASSAT/A3  
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## Installation Guide



NOTES: THE FILTER INCLUDED IN THIS KIT IS RE-USEABLE. IT CAN BE CLEANED AND RECHARGED USING A KIT THAT YOU CAN BUY AT LOCAL AUTO PARTS STORES. BE CAREFUL NOT TO OVER OIL THE FILTER WHEN RECHARGING, A LIGHT COAT IS ALL THAT IS REQUIRED.

THIS INSTALLATION REQUIRES THE REMOVAL OF THE BATTERY. WHEN YOU RESTART THE CAR A FEW INDICATORS WILL BE ON THE DASH AND THE ONE TOUCH WINDOWS WILL NOT WORK RIGHT AWAY. ONCE YOU DRIVE A FEW FEET THE LIGHTS ON THE DASH WILL GO AWAY. ROLL THE WINDOWS UP AND DOWN A FEW TIMES AND THE ONE TOUCH FUNCTION WILL RESUME WORKING.





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1) DISCONNECT MAF SENSOR PLUG, AND TAKE OFF FACTORY HOSE CLAMP BY SQUEEZING AS REMOVING.



2) REMOVE THE LID TO THE FACTORY RAM AIR BOX VIA TAB. REMOVE 10MM BOLT HOLDING THE AIRBOX DOWN. REMOVE AIRBOX BY PULLING UP AND TWISTING OUT.

3) REMOVE TWO T25 TORX BOLTS HOLDING DOWN THE RAM AIR BOX. THEY ARE LOCATED ONE ON EACH SIDE. YOUR ENGINE BAY SHOULD LOOK LIKE BELOW.





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4) REMOVE THE FACTORY AIR PIPE BY REMOVING THE BOLT HOLDING IT TO THE HEATSHIELD, DISCONNECTING FACTORY PCV HOSE, AND REMOVING FACTORY HOSE CLAMP.



5) REMOVE THE BATTERY TO GAIN ACCESS TO THE MAF WIRING. START BY REMOVING THE LID OF THE BATTERY BOX AND WORK YOUR WAY AROUND. THE BATTERY BOX CLIPS TOGETHER WITH NO BOLTS OR SCREWS. FIRST REMOVE THE LID, THEN THE FRONT COVER, THEN THE BATTERY ITSELF, AND THEN THE REAR COVER. THE TERMINALS ARE 10MM AND THE BATTERY TIE DOWN ON THE LEFT SIDE OF THE BATTERY IS A 13MM.



6) WITH THE BATTERY REMOVED TRACE BACK THE WIRING FOR THE MAF SENSOR. YOU WILL SEE THAT IT MERGES INTO A GROUP OF WIRES THAT ARE TAPED TOGETHER. CAREFULLY CUT OPEN THE TAPE THAT IS HOLDING THE WIRES TOGETHER. USE CAUTION TO NOT CUT ANY OF THE WIRES OR YOURSELF. SEPARATE THE MAF WIRING FROM THE REST OF THE WIRES. TAPE UP ALL THE WIRES.



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8) REASSEMBLE BATTERY AND BOX.  
INSTALL TRUESEAL AIRBOX USING  
10MM BOLT. PLACE TRIMLOCK AROUND  
AIRBOX.



9) INSTALL SILICONE HOSE TO  
TURBO INLET WITH CLAMP.



10) REINSTALL PCV HOSE ON RACE  
INTAKE PIPE. INSTALL RACE  
INTAKE PIPE INTO SILICONE HOSE  
AND TIGHTEN DOWN USING THE  
CLAMP PROVIDED.

11) REMOVE MAF SENSOR FROM  
FACTORY HOSE AND INSTALL ON  
RACE INTAKE PIPE. YOUR MAF  
SENSOR WIRING SHOULD NOW BE  
ABLE TO REACH THIS LOCATION.

12) INSTALL FILTER  
AND TIGHTEN DOWN WITH  
THE CLAMP PROVIDED.



THANK YOU FOR  
YOUR PURCHASE.

PLEASE EMAIL  
TECH@BSHSPEEDSHOP.COM  
WITH ANY QUESTIONS  
OR CALL INTO THE  
SHOP AT  
602-606-7973

ENJOY!