

**Warning:** Please follow these installation instructions carefully. The K&N Drycharger included with this kit must be installed on the K&N air filter when used with a K&N Typhoon Cold Air Intake System. The K&N Typhoon Intake System is a performance product that can be used safely during mild weather conditions. During harsh and inclement weather conditions, you must convert your Cold Air Intake System to a short ram configuration, or return your vehicle to the stock OEM airbox and intake tract configuration. Failure to follow these instructions can void your warranty.

## INSTALLATION INSTRUCTIONS

### 69-9501

#### Volkswagen

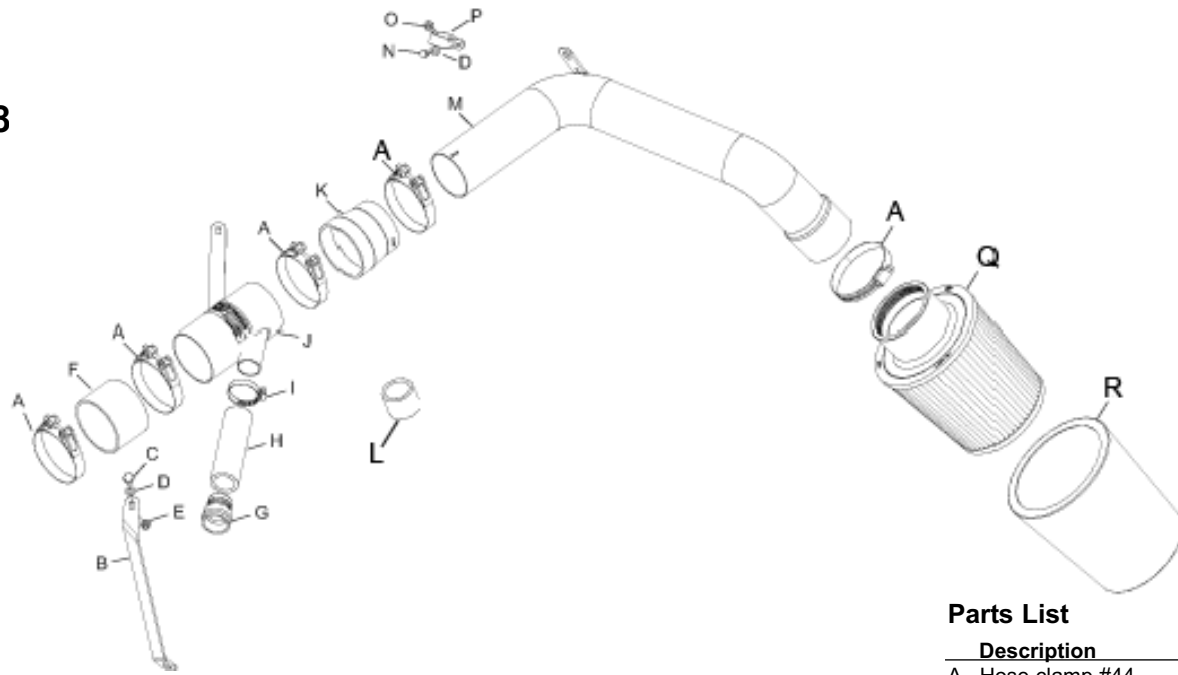
#### 2000-05 Jetta/Golf 1.8

#### L4-1.8L Turbo

#### L4-2.0L

#### TOOLS NEEDED:

Flat Blade Screwdriver  
Phillips screwdriver  
3mm Allen Wrench  
Ratchet  
Extension  
8mm Socket  
10mm Socket  
13mm Socket



#### Parts List

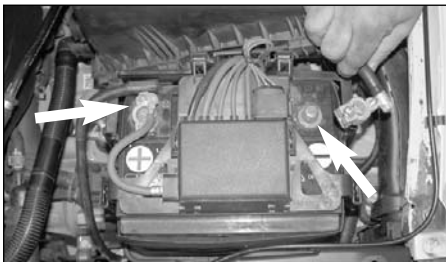
Description	Qty.	P/N
A Hose clamp #44	5	08560
B Bracket; 69-9501 STL; FB/PC	1	010048
C Bolt; M6-1.00 x 16mm, SS	1	07812
D Washer; 6mm wave, SS	2	08277
E Nut; M6-1.00, nylock, SS	1	07512
F Hose; 2-3/4" x 2"L Strt. blk.	1	08440
G Adaptor; 1-1/8" quick connect	1	088012
H Hose; 1" x 4-1/2", blk.	1	084084
I Hose clamp #16 mini	1	08427
J Tube; "A" 2-3/4"OD x 4-3/4"L	1	27166
K Hose; 2-1/2"ID x 2-3/4"ID, step	1	084016
L Plug	1	08246
M Tube; "B" 2-3/4"OD x 23"L	1	27167
N Bolt; M5-0.8 x 10mm, b/h/a	1	07734
O Nut; M5-0. nylock, ss	1	07507
P Clamp; cable 1"ID	1	07289
Q K&N Air Filter	1	KRU4960
R Drycharger	1	971001

#### TO START:

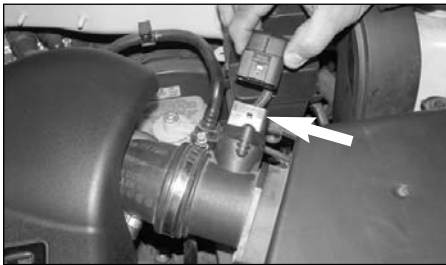
1. Turn the ignition OFF and disconnect the vehicle's negative battery cable.



2. Depress the tabs on the side of the battery cover and remove as shown.



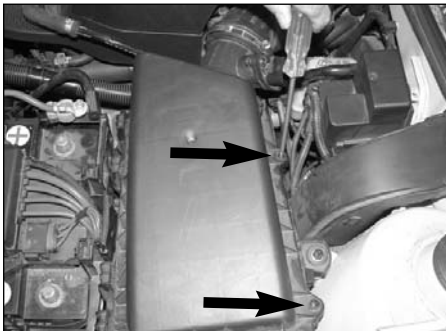
3. First disconnect the negative battery cable, then disconnect the positive battery cable as shown.



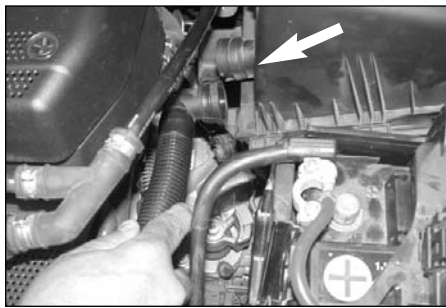
4. Disconnect the mass air sensor electrical connection as shown.



5. Loosen the hose clamp at the mass air sensor as shown.



6. Remove the air cleaner cover screws as shown.



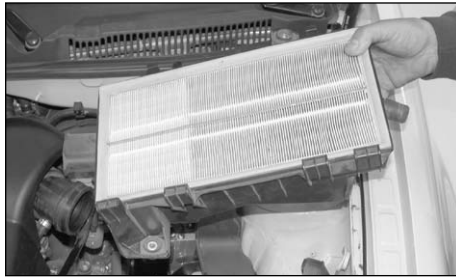
7. Disconnect the air pump vent hose as shown.



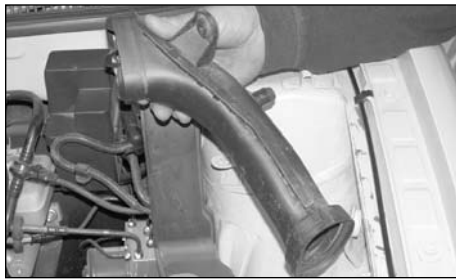
8. Remove the air cleaner cover as shown.



9. Remove the mass air sensor from the air cleaner cover as shown.



10. Remove the lower air cleaner assembly as shown.



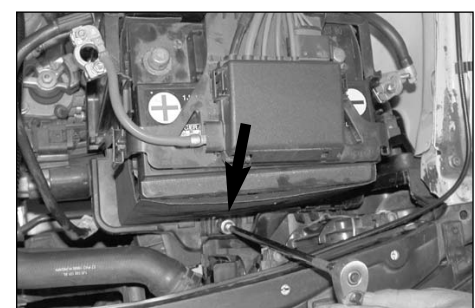
11. Remove the nut that secures the air inlet duct, then, remove the air inlet duct as shown.



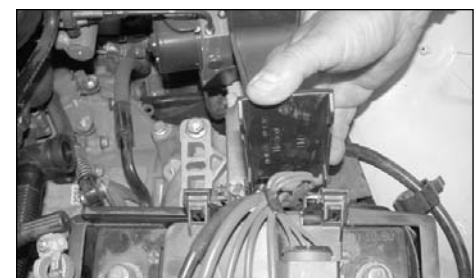
12. Remove the inner core support cover, which is secured by two screws.



13. Remove the outer core support cover, which is secured by two screws.



14. Remove the battery hold down block as shown.



15. Slide the rear battery harness cover upwards and remove from the battery cover as shown.



16. Slide the battery fuse/harness assembly backwards, then upwards as shown, and pull the battery fuse/harness assembly out of the way.



17. Depress the two lower release tabs on each side of the secondary battery cover as shown.



18. Remove the battery cover as shown.



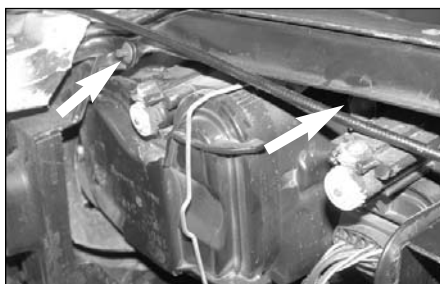
19. Remove the battery as shown.



20. Remove the battery tray, which is secured by four bolts as shown.



21. Lift the vehicle upwards and support it with jack stands as shown.



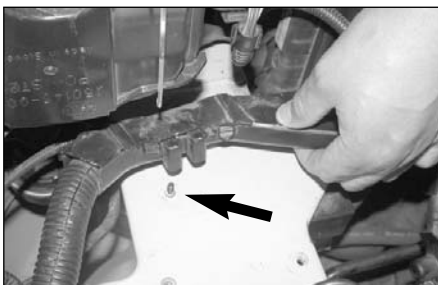
22. Remove the two upper plastic rivets from the inner plastic headlight cover as shown.



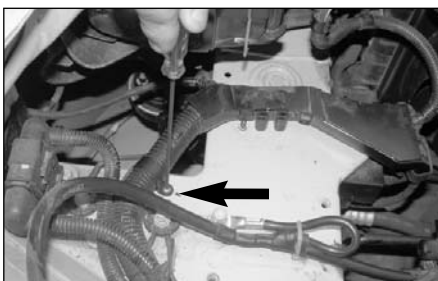
23. From underneath the vehicle remove the lower plastic rivet from the inner plastic headlight cover as shown.



24. Remove the inner plastic headlight cover as shown.



25. Remove the wire harness from the stud on the inner fender as shown.



26. Using the provided plastic clamp secure the harness to the inner fender using the provided hardware as shown.



27. Reinstall the battery tray using the original four bolts as shown.



28. Reinstall the mass air sensor into the stock rubber intake hose as shown, but do not tighten at this time.



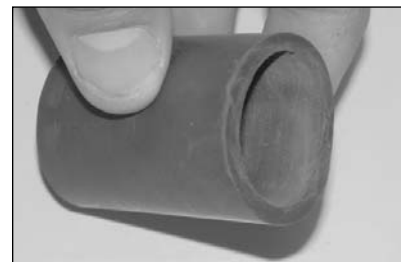
29. Secure the provided bracket to the mass air sensor using the provided hardware, then secure the other end to the battery tray using the stock air cleaner bolt as shown.



30. Install the silicone hose and hose clamps onto the mass air sensor but do not tighten at this time.



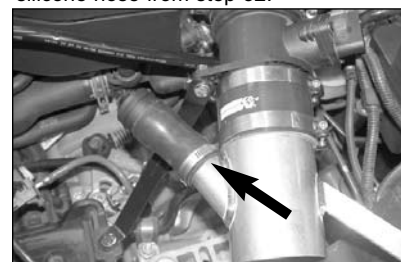
31. Slide the K&N short ram intake tube into the silicone hose and secure the tube bracket to the original air cleaner mounting hole using one of the air cleaner bolts removed earlier.



32. Cut a 2-1/2" length of hose from the provided silicone hose as shown.



33. Install the provided plastic fitting onto the silicone hose from step 32.



34. Slide the silicone hose onto the vent on the K&N intake tube and secure with the provided hose clamp as shown.

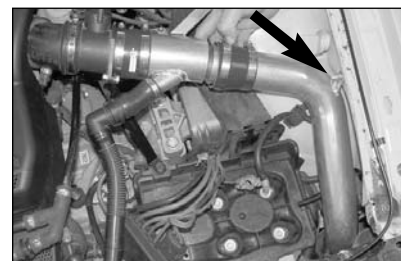


35. Reconnect the hard line to the plastic fitting as shown.

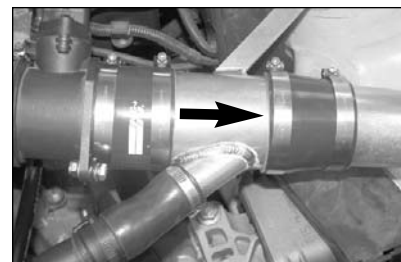
**Note: Vehicles that are not equipped with Air Injection; use the supplied plug (08246) to cap the tube vent.**



36. Install the silicone hose and hose clamps onto the K&N cold air tube as shown.



37. Slide the cold air tube into the hole in the inner fender, then, line up the bracket with the stud on the inner fender and secure with the provided hardware as shown.



38. Slide the hose over the short ram tube, adjust for best fit and clearance and tighten all hose clamps and hardware as shown.

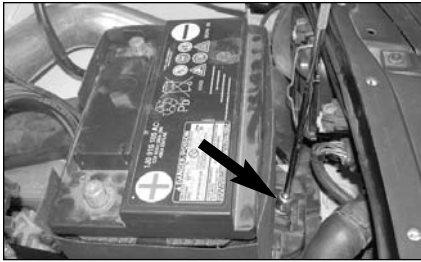


39. Install the K&N Drycharger onto the K&N Air filter as shown.

**NOTE: The Drycharger's water repellent properties will last up to two years. See the parts list to re-order Drycharger if necessary.**



40. From underneath the vehicle install the Filter onto the cold air tube and secure with the provided hose clamp.



41. Reinstall the battery and the battery hold down block and secure as shown.



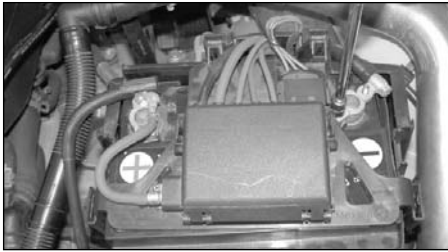
42. Reinstall the secondary battery cover as shown.



43. Reverse the removal process and slide the battery fuse/harness onto the battery cover as shown.



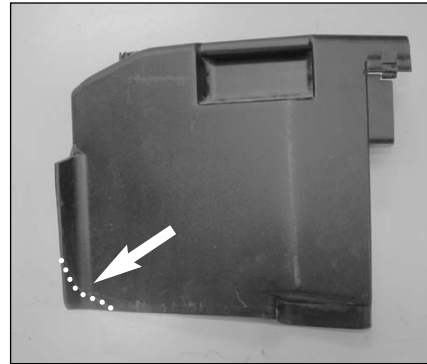
44. Slide the rear battery harness cover back onto the battery cover as shown.



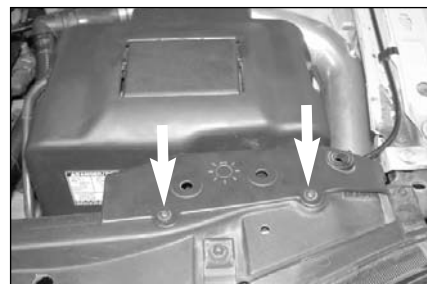
45. First reconnect the positive then the negative battery cable as shown.



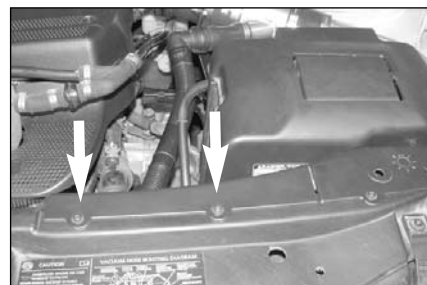
46. Reinstall the battery cover as shown.



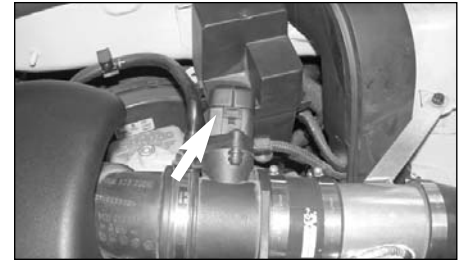
47. Trim the corner of the outer core support cover to provide clearance for the cold air tube as shown.



48. Reinstall the outer core support cover using the original screws as shown.



49. Reinstall the inner core support cover as shown.



50. Reconnect the mass air sensor electrical connection as shown.



51. This K&N Typhoon intake kit has been designed to be used in two different configurations. In the case of inclement weather, the cold air tube can be removed and the filter can be clamped onto short ram tube located in the engine compartment to avoid the possibility of ingesting water into the engine.

52. This Typhoon cold air kit has been positioned low to maximize the performance of your vehicle. Extreme care should be taken in wet conditions as excessive water in the filter can lead to engine damage.

**NOTE:** If you have any concerns, return the vehicle to stock, using the factory equipment.

53. It will be necessary for all Typhoons to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may void warranty.

#### ROAD TESTING:

1. Start the engine with the transmission in neutral or park, and the parking brake engaged. Listen for air leaks or odd noises. For air leaks secure hoses and connections. For odd noises, find cause and repair before proceeding. This kit will function identically to the factory system except for being louder and much more responsive.
2. Test drive the vehicle. Listen for odd noises or rattles and fix as necessary.
3. If road test is fine, you can now enjoy the added power and performance from your kit.
4. K&N suggests checking the Air filter element periodically for excessive dirt build-up. When the element becomes covered in dirt (or once a year), service it according to the instructions on the Recharger service kit, part number 99-5000 or 99-5050.