

TYphoon® INTAKE SYSTEMS

BY 

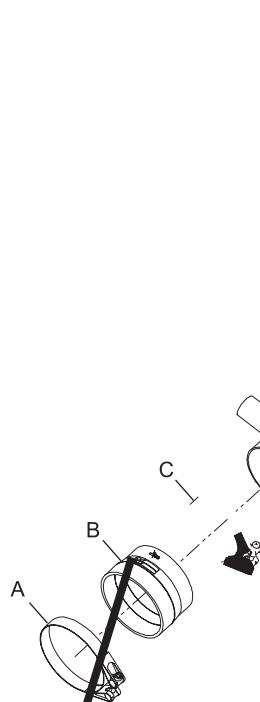
INSTALLATION INSTRUCTIONS

69-9502

**Volkswagen
2004 Golf R32
V6-3.2L**

Tools

Pliers
Flat Blade Screwdriver
Phillips Screwdriver
Ratchet
Extension
10mm Socket
10mm Wrench



TO START:

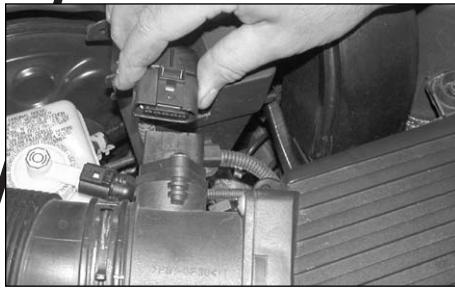
- Turn the ignition OFF and disconnect the vehicle's negative battery cable.



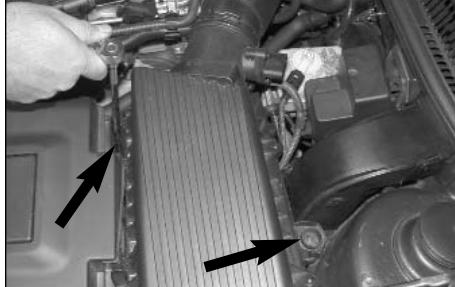
- Pull firmly upwards to remove the engine cover as shown.



- Uncip the battery cover and remove as shown.



- Disconnect the mass air sensor electrical connection as shown.



- Remove the two air cleaner bolts as shown.



- Disconnect the crank case vent switch as shown.

NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY AND ENGINE.



- Remove the crank case vent hose from the intake tube as shown.



- Depress the hose clamp to remove the stock intake tube from the throttle body, then, remove the complete air cleaner assembly as shown.



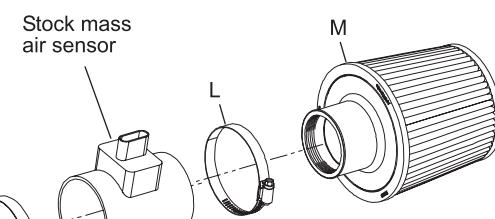
- Remove the mass air sensor from the air cleaner assembly as shown.



- Remove the intake tube from the mass air sensor as shown.



- Loosen the nut on the cam cover but do not remove as shown.

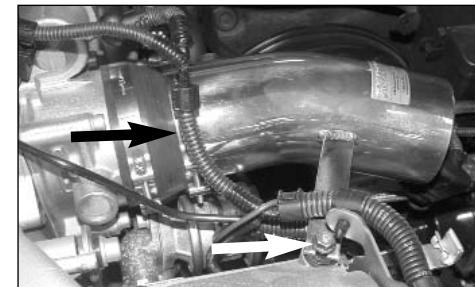


Parts list

Description	Qty.	P/N
A HOSE CLAMP #52	2	08610
B HOSE; 3"ID TO 3-1/8"ID, BLACK	2	084031
C HOSE CLAMP #44	2	08560
D INTAKE TUBE	1	27174
E CABLE TIE	1	21589
F BRACKET; "Z" 69-9502 STL, FB/PC	1	010069
G NUT; 6MM NYLOCK, SS	2	07512
H WASHER; WAVE 6MM, SS	4	08277
I BOLT; 6MM X 16MM, HEX, SS	2	07812
J HEAT SHIELD; 69-9502	1	07330
K BRACKET; "L" 69-9502 STL, FB/PC	1	010070
L HOSE CLAMP #60	1	08624
M CARBON-FIBER TOP FILTER	1	RP-5118



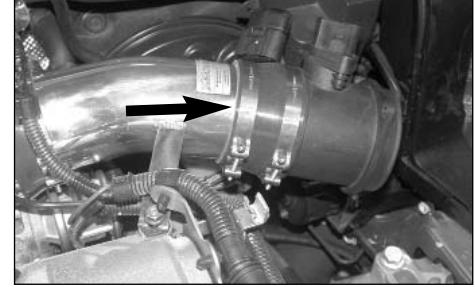
- Install the silicone hose and hose clamps onto the throttle body as shown.



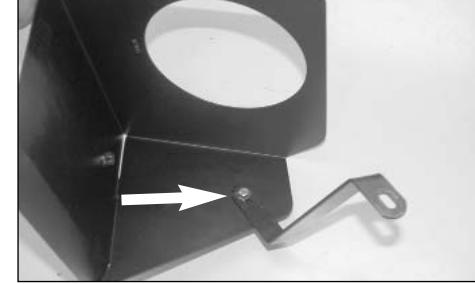
- Slide the K&N intake tube into the silicone hose on the throttle body, then, line up the bracket with the stud from step 11 as shown.



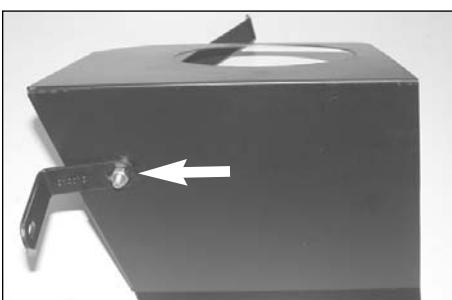
- Install the silicone hose and hose clamps onto the mass air sensor as shown.



- Slide the mass air assembly onto the K&N intake tube, but do not tighten at this time.



- Install the "Z" bracket onto the heat shield using the provided hardware as show, but do not tighten completely at this time.



17. Install the "L" bracket onto the heat shield using the provided hardware as shown, but do not tighten completely at this time.



18. Install the heat shield into the vehicle and secure it using the stock air cleaner bolts, adjust for best fit and clearance and tighten all hardware.



19. Adjust the tube for best fit and clearance and tighten the nut on the cam cover as well as the hose clamps on the intake tube as shown.



20. Install the K&N air filter and secure with the provided hose clamp.



21. Reconnect the crank case vent hose to the vent on the K&N intake tube.



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



23. Zip-tie the crank case vent switch to the throttle control connection as shown.



24. Reinstall the engine and battery cover as shown.

25. Reconnect the negative battery cable and double check to make sure everything is tightened and properly positioned before starting the vehicle.

26. 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.